

[Report 1927] / Medical Officer of Health, Bournemouth County Borough.

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Bournemouth (England). County Borough Council. nb2004301338

Publication/Creation

1927

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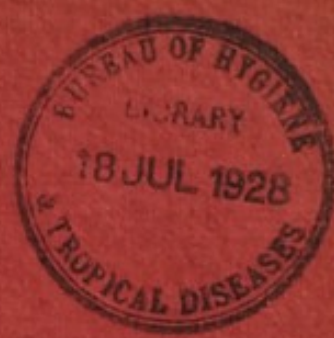
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County Borough of Bournemouth,
1927.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

with which are included

the REPORTS of the

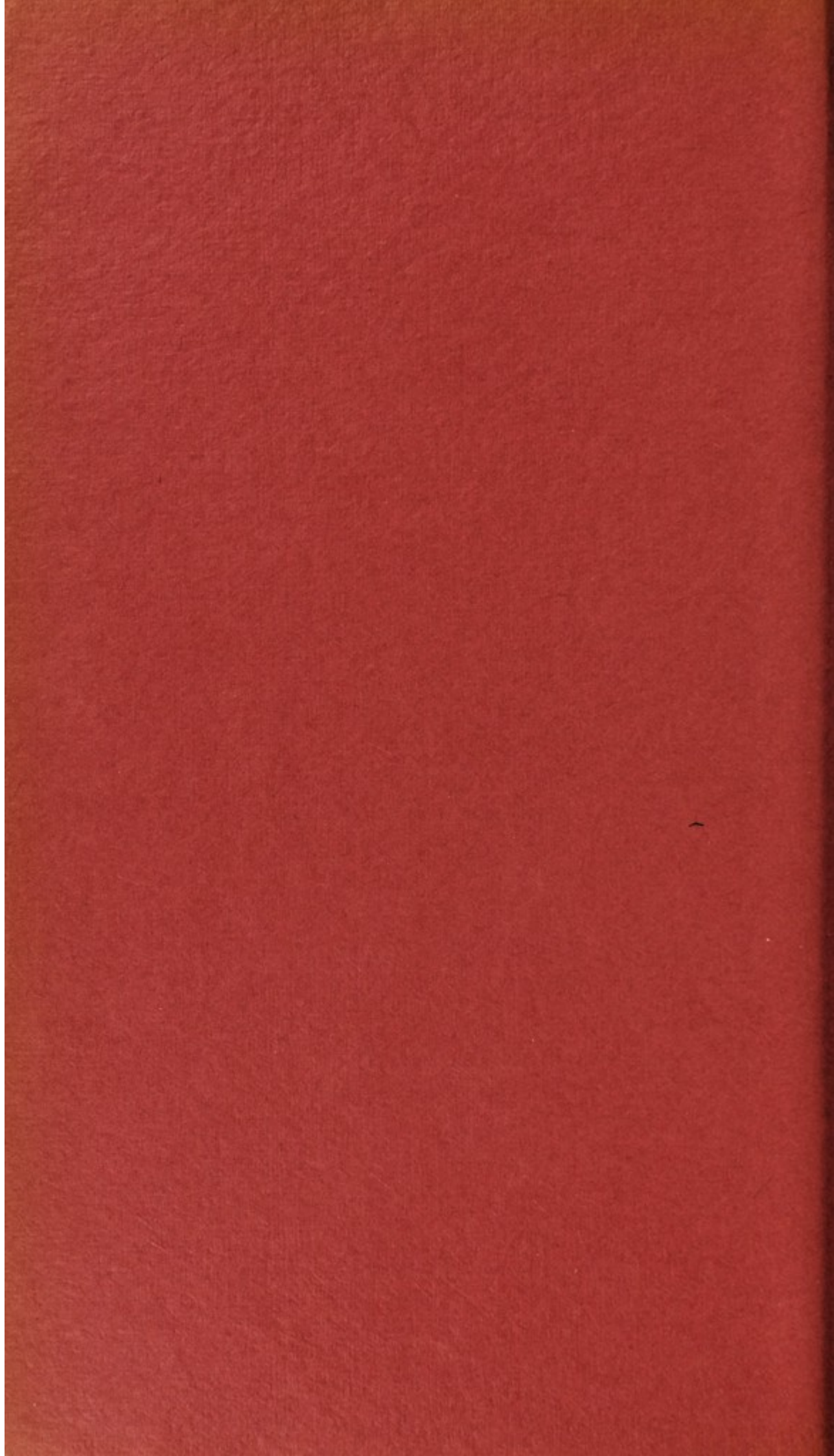
CHIEF SANITARY INSPECTOR

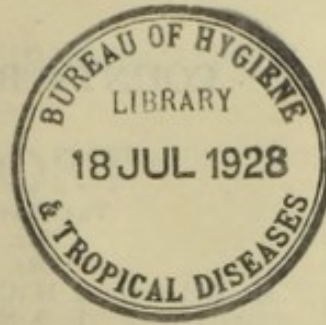
and

PUBLIC ANALYST.

BOURNEMOUTH.

Printed by Suttons, Boscombe.





County Borough of Bournemouth,
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COUNTY BOROUGH OF BOURNEMOUTH.

HEALTH COMMITTEE.

The Mayor (Mr. Alderman H. J. Thwaites, J.P.).			
Mr. Alderman J. J. Brazier (Chairman).			
Mr. Alderman G. Luckham (Vice-Chairman).			
Mr. Alderman	C. H. Cartwright, J.P.	Mr. Councillor	W. Jones.
"	" F. S. Mate, J.P.	Mrs.	" F. E. Laney, J.P.
Mr. Councillor	W. Asten, M.D.	Mr.	" W. J. McCabe.
"	" J. J. Empson.	"	" F. B. Summerbee.
"	" John Fox.	"	" E. R. Whitfield.
"	" C. J. Game.	"	" W. Wilkinson.

GENERAL SUB-COMMITTEE FOR HOSPITAL AND GENERAL PURPOSES.

The Chairman.		Vice-Chairman.	
Aldermen	Cartwright and Mate,	Councillors	Asten, Empson, Laney, Summerbee, Whitfield and Wilkinson.

HEALTH AND SANITARY DEPTS.

*Medical Officer of Health	...	{ A. D. Edwards, M.B., B.S. (Lond.)
School Medical Officer	...	{ B.Sc., D.P.H.
Asst. Medical Officer of Health	...	{ T. S. Stirling, M.B., Ch. B. (Glas-
" School Medical Officer	...	{ gow), D.P.H. (Cambridge).
Clinical Tuberculosis Officer	...	{ D. A. Hutcheson, M.D. (Hons.),
		{ Ch.B. (Aberdeen), D.P.H. (Aber-
		{ deen).
Chief Sanitary Inspector	...	W. G. Cooper, F.I.S.E., F.R. San. Inst.
Senior District Sanitary Inspector	...	A. J. Phillips, M.S.I.A.
		W. J. S. Adams, E. Smith, C. T.
District Sanitary Inspectors	...	{ Newlyn, S. Powell, W. Vincent-
		{ Morris (all certified Royal Sani-
		{ tary Institute).
Food Inspectors and certified Meat		
Inspectors	...	W. D. Carter, T. Pickering.
Shops Inspector	...	H. Goldsworthy.
Matron, Sanitary Hospital	...	Miss E. Wilcox.
Health Visitors	...	Miss C. Brock, Miss F. E. A.
		Richardson, Miss S. Dakin, Miss
		D. Williams, Miss A. M. Crisp
		(all Cert. Mid. Board).
Clerks	...	A. W. Hurley, G. O. Willis, F. J.
		Hocking, O. A. Trendell, C. B.
		Glover, J. Randall, S. M. Payne.
Superintendent of Public Conveniences		
Mortuary and Water Meters	...	{ T. H. Bailey.
Disinfectors and Drain Testers	...	{ E. Benjafield, F. Chick, F. J.
		{ Smith, A. Lockyer, A. Grose.
Corporation Rat Catcher	...	F. J. Smith.
Public Analyst...	...	R. A. Cripps, F.I.C.
Bacteriologist	...	A. C. Ingram, M.D., M.R.C.P.,
		D.P.H.
Veterinary Surgeon	...	J. Steward Wood, M.R.C.V.S.
Meteorologist	...	C. Dales, F.R. Met. S.

*Owing to the death of Dr. Edwards, Dr. Stirling acted as Medical Officer of Health and School Medical Officer from July 18th.

COUNTY BOROUGH OF BOURNEMOUTH.

ANNUAL REPORT
OF THE
Medical Officer of Health
for the year 1927.

Health Department,
Town Hall,
Bournemouth.

May, 1928.

TO THE CHAIRMAN AND MEMBERS
OF THE HEALTH COMMITTEE,
COUNTY BOROUGH OF BOURNEMOUTH.

Gentlemen,

I beg to submit herewith the Annual Report on the health of Bournemouth, and the work of the Health Department during the year 1927.

Before doing so, a more than passing reference must be made to the sudden and very regrettable loss sustained both by the department and the whole Borough. I refer to the death of Dr. A. D. Edwards, your late Medical Officer, which occurred in July. This is neither the time nor place for eulogistic tributes, and I can only remind you of the very high esteem and respect in which Dr. Edwards was held by all who knew him.

He carried out his administrative duties and responsibilities as Medical Officer of Health for 19 years with conspicuous ability and unremitting energy in spite of the fact that he had latterly acquired

a serious physical disability. His special efforts in tracing and stamping out infection were recognised in many quarters, and have contributed in no small measure to the health and well-being of the people of Bournemouth. His work and memory will long remain with us.

On the 28th of July you decided to appoint me as Medical Officer of Health *pro tem.*, and Dr. R. F. Tredre, from the Newcastle Health Department, thereupon took over temporarily the duties of Assistant Medical Officer.

In December, Dr. H. Gordon Smith, then Medical Officer of Health at Lincoln, was appointed as Dr. Edwards' successor, and it was arranged that he should commence his duties on March 1st, 1928.

The 1927 report is, by instruction of the Minister of Health, in the nature of an " Ordinary " Report, and therefore contains less detail than that included in the " Survey " Reports called for every five years. As Medical Officer of Health *pro tem.*, I have no intention either of enlarging on any aspect of the public health of the Borough, or of contributing the original but relevant matter which should characterise the yearly report of a Health Officer.

The general arrangement of this report closely follows that of last year's, and will constitute little more than a statistical record of the year's work.

Your attention might perhaps be directed to several important features which have arisen during the year under review :

(1) A slight fall in the general death rate, whereas the rate for the country as a whole shows an increase.

(2) An appreciable fall in the infant mortality rate—namely, from 57.65 in 1926, to 52.04 last

year. This rate for England and Wales during 1927 was 70.

(3) A continuance of low incidence and low virulence in the two infections, Scarlet Fever and Diphtheria. The case rates of these diseases for England and Wales per 1,000 living compare with the Bournemouth figures as follows:

	Scarlet Fever.	Diphtheria.
England and Wales ...	2.16	1.33
Bournemouth ...	.92	.48

(4) Continued expansion of useful work and helpful guidance at the Maternity and Child Welfare Centres.

(5) The health propaganda work carried out, especially by the School Medical Service, where valuable opportunities offer for the giving of *ad hoc* advice, and the distribution of leaflets.

Population. The 1921 Census recorded the number of persons in Bournemouth as being 91,761. My estimate of the population in the middle of 1927 is 102,500. The Registrar-General's estimate is 92,650 and the vital statistics given in this report are based on this figure.

MATERNITY AND CHILD WELFARE.

Statistics and information concerning this department are given later in the report.

(a) The Birth Rate for the year 1927 was 11.6 per thousand population, as compared with 17.1 for the 107 County Boroughs and Great Towns. The lowest rates recorded for Bournemouth in recent years were 11.8 in 1919, and 12.3 in 1926.

(b) The *Infantile Mortality* in Bournemouth has always been very low in comparison with the average for the County Boroughs and Great Towns, and in 1927 it was only 52, as compared with 71 for all large towns.

It is worthy of note that throughout the country since 1900, the infant mortality rate, after the first month of life, has fallen from 154 to 70 per 1,000 live births, while the general death rate of all persons at all ages has also fallen.

The figures both for maternal mortality and for infant mortality at birth and during the first month of life, have remained practically stationary. During 1926, the number of deaths of infants under one year of age was 48,757 as against 53,316 in the preceding year, and it is significant that while this reduction in the infant death rate has affected mainly the age period, 3—12 months, the death rate under four weeks still remains relatively high. What can we infer from these facts? As the Chief Medical Officer to the Ministry of Health so concisely expresses himself on this aspect of the national health, "A high infant mortality rate implies (a) the loss of many infants; (b) the maiming of many surviving children; (c) a high death rate in the next four years of child life; and (d) the existence of unhealthy conditions in the mothers or in the home life of the people. . . ."

With our present knowledge there is no excuse for any community having a baby death rate above 50.

The first and most important preventive measure in dealing with this problem is undoubtedly the better education of the mother in *Maternal Efficiency*.

In Bournemouth, as elsewhere, several causes are contributing to this downward trend. Of late years, the trained instruction of mothers at the Welfare Centres and in the homes by Municipal Health Visitors, with the valued assistance of voluntary workers, has accomplished much in this respect. General advancement in the science of infant feeding, improvements in the milk supply, and better home management have all played a part; while our cleaner streets and the improvement in general sanitation throughout the country have undoubtedly exerted a powerful influence.

(c) *Puerperal Fever.* One death from puerperal fever occurred during the year 1927, and it is satisfactory to note that this is the only death that has occurred from this condition during the last four years.

So far as puerperal sepsis is concerned, this is, in the main, a preventible disease. Its prevention depends *not* only on a high standard of midwifery practice, but also upon an early knowledge of the occurrence of the disease. Unless this is available, measures cannot satisfactorily be taken to secure the treatment of the patient, or to prevent the spread of infection.

Preventive health work is essentially educational. Broadly speaking, the key to the prevention of maternal mortality is efficient ante-natal supervision, and if we can secure this, everything should follow as a matter of course.

Registration of Maternity Homes. The Midwives and Maternity Homes Act, 1926, came into operation on January 1st, 1927, and in accordance with its requirements, 26 applications were made for registration. An inspection was made of each Maternity Home and in no case was registration refused.

The Nursing Homes Registration Act, 1927, will come into operation on July 1st, 1928. This Act repeals Part II. of the Midwives and Maternity Homes Act.

Maternity and Child Welfare Centres. There are at present five Centres with doctors' clinics provided by the Local Authority, each of them being open on one afternoon a week. The work of the Municipal Health Visitors and of the Voluntary Workers at these Centres is still increasing in value; and the aid of the Bournemouth Infant Welfare Voluntary Association has been very much appreciated. In the near future it will be necessary to further extend this

invaluable sphere of educative work, which constitutes one of the most important branches in preventive medicine.

The number of attendances at the Centres during 1927 was 31,494, as compared with 28,732 during 1926, and 25,472 during 1925.

During 1927, the Municipal Health Visitors paid 7,311 visits to homes (Maternity and Child Welfare Department).

Other information concerning the work of this department is given later.

Infectious Diseases. As reported last year, the low incidence and remarkably low mortality from these diseases in Bournemouth during the past decade is a matter of no little satisfaction to all concerned. The spread of epidemic infection in the Borough has in no small measure been controlled by the unceasing vigilance of your late Medical Officer; while it is admissible that the pure Bournemouth air, rich in actinic rays, also plays a part in the raising of individual resistance to zymotic infection.

In conclusion, I wish not only to thank the Council and the Members of the Health Committee for the confidence they were pleased to show by appointing me as temporary Medical Officer of Health for Bournemouth, but also to express my very high opinion of the work carried out by the staff during my tenure of office.

I am,

Your obedient servant,

T. S. STIRLING,

Medical Officer of Health *pro tem.*

SUMMARY OF STATISTICS.

and general information relating to the County Borough of Bournemouth.

1. **Area of the County Borough :** 6,643 acres.
2. **Geological Information.** Bagshot Sands Series.
Subsoil—Silicious Sand.
3. **Population.** Census of June, 1921 : 91,761.
Estimated 1927 : 102,500.
Estimate of Registrar-General : 92,650.

Density of Population : No. of persons per acre, 15.42 (R.G. 13.94).
No. of persons per house, 4.71 (R.G. 4.26).
4. **Birth Rate :** 10.49 (R.G. 11.61) per 1,000.
5. **Infantile Mortality :** 52.04 per 1,000 births.
6. **Death Rate :** 12.15 (R.G. 13.44) per 1,000.
7. **Phthisis Death Rate :** .72 (R.G. .79) per 1,000.
8. **Influenza Death Rate :** .54 (R.G. .60) per 1,000.
9. **Number of Cases of Infectious Diseases** per 1,000 of the Population
(R.G.) Scarlet Fever .92, Diphtheria .48, Para-typhoid Fever .04,
Variola .02, Erysipelas .21.
10. **Number of Inhabited Houses :** (1921) 17,540, (1927) 21,744.
11. **Rateable Value :** (1927) £1,048,373.
12. **Rates :** Poor and General District Rates (1927) 8/9 in the £.

R.G. Signifies Rate based on Registrar-General's estimate of the population of 92,650.

VITAL STATISTICS DURING 1927 AND PREVIOUS YEARS.

Year	Popula- tion esti- mated to middle of each Year	Births			Total deaths registered in the District		Transfer- able Deaths Of Non-residents registered in the District Of Residents not registered in the District		Net deaths belonging to the District			
		Uncorrected Number	Net						Under 1 year of age		At all Ages	
			No.	Rate	No.	Rate	No.	Rate per 1000 Net Births	No.	Rate		
1	2	3	4	5	6	7	8	9	10	11	12	13
1914	85000	1115	1111	13.42	943	11.09	149	92	81	70.98	886	10.42
1915	*85000 †72197	1146	1190	*14.0	1167	16.1	155	126	112	94.1	1138	15.74
1916	{ 76939 †70715	1194	1235	†16.05	1181	†16.70	189	109	86	69.63	1101	†15.56
1917	{ 78395 †70327	967	979	†12.49	1175	†16.70	251	132	82	83.72	1056	†15.01
1918	{ 83227 †74279	1093	1031	†12.38	1140	†15.34	219	144	59	57.2	1065	†14.33
1919	{ 86073 †82627	1040	1022	11.87	1209	†14.63	207	127	89	87.08	1129	†13.66
1920	{ 86288 †85919	1449	1410	†16.34	1022	†11.89	177	109	64	45.39	954	†11.10
1921	{ 91770 81200	1280	1251	{ 13.95 15.40	1133	{ 12.34 13.95	179	130	94	75.13	1084	{ 11.81 13.34
1922	{ 93770 81500			{ 12.04 13.85		{ 12.59 14.49						{ 12.17 14.01
1923	{ 95600 82200	1168	1129	{ 11.19 13.01	1181	{ 12.46 14.50	174	135	64	56.68	1142	{ 11.71 13.62
1924	{ 97000 84450	1135	1070	{ 11.46 13.16	1192	{ 12.62 14.50	207	135	64	59.81	1120	{ 12.06 13.85
1925	{ 98000 85840	1162	1112	{ 11.79 13.46	1225	{ 12.46 11.23	187	132	50	44.96	1170	{ 12.07 13.78
1926	{ 100000 90100	1189	1156	{ 11.10 12.31	1222	{ 12.91 14.32	173	128	61	52.76	1183	{ 12.20 13.54
1927	{ 102500 92650	1163	1110	{ 10.49 11.61	1291	{ 13.05 14.44	206	135	64	57.65	1220	{ 12.15 13.44
		1164	1076		1338		231	139	56	52.04	1246	

* Estimated on 1915 population figure.

† Estimated on new civil population figures supplied by Registrar-General.

MATERNITY AND CHILD WELFARE.

(a) During the year 1,164 births were registered in the County Borough of Bournemouth, of which 157 were transferred to other districts by the Registrar-General and 69 transferred into Bournemouth from other districts, the net births in Bournemouth being

therefore, 1,076, making a *birth rate* of 11.61 on the Registrar-General's estimate of the population.

The following table shows the birth rates for the past ten years, calculated on the Registrar-General's estimate of the population. It will be noted that this is now taken as the basis of calculation, whereas the birth rates in former reports were calculated on the estimate of the population based on the Census figures.

1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
12.4	11.8	16.3	15.4	13.8	13.0	13.1	13.4	12.3	11.6

Of the 1,179 births that actually occurred in the County Borough 1,131 were notified. Of these notifications 620 were made by doctors, 507 by midwives and 4 by other persons.

(b) *Infantile Mortality.* Sixty-seven infants died in Bournemouth during their first year of life. Of these deaths 14 were transferred to other districts. Three infant deaths occurring in other areas were transferred to Bournemouth, the number of infant deaths referred by the Registrar-General to Bournemouth being therefore 56, making an Infantile Mortality of 52.04.

Of the 56 infant deaths, 17 were certified as due to premature birth and 9 to congenital malformations.

The following table gives the rate of Infantile Mortality for the past 10 years:—

1918	1919	1920	1921	1922	1923	1924	1925	1926	1927
57.2	87.1	45.3	75.1	56.6	59.8	44.9	52.7	57.6	52.0

Comparative Infantile Mortality. The Infantile Mortality of the 107 County Boroughs and Great Towns of England and Wales during the year was 71, as compared with the figure of 52.04 for Bournemouth.

(c) *Midwives Act.* During the year 29 midwives notified their intention to practise in Bournemouth, 28 being trained and one untrained.

One hundred and thirty-three records were received concerning the sending for medical assistance by midwives. In 34 of these cases the doctors fees were paid by the Health Authority, the whole of the fee being recovered in six instances and a part of the fee in two others.

(d) *Provision of Milk.* Under the Maternity and Child Welfare Act, 1918, milk was supplied free or below cost to 340 mothers and children during the year, the average daily number receiving milk in this way being 173. The expenditure during the year amounted to £1,153, as compared with £1,082 during 1926, and £813 during 1925. A Government grant of 50 per cent. is received in relief of this as of all other Maternity and Child Welfare expenditure.

(e) *Ophthalmia Neonatorum.* During the year seven notifications were received in respect of this inflammation of the eyes. The disposal of the cases and the results are shown in the table below :—

Cases			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
Notified	Treated					
	At Home	In Hosp.				
7	1	6*	7	—	—	—

*Includes four notified from and treated in Maternity Homes.

Infant Care Table I.

Births registered (including 69 transferred to Bournemouth from other districts and excluding 157 transferred away from Bournemouth)	...	...	...	1076
Births that occurred actually in Bournemouth	...	...	...	1179
Births notified (95.9 per cent. of births in Bournemouth)	...	...	...	1131

There were also notified 43 still-births, of which 35 were notified by doctors and 8 by midwives.

Infant Care Table 2.

Visits by the Council's Health Visitors.

Mothers and Infants—

First visits	...	...	897
Re-visits	...	...	2636
Re-visits to children over 1 year of age			3272
Expectant Mothers—			
First visits	...	...	184
Re-visits	...	...	110
Other visits	...	...	212
			<hr/> 7311 <hr/>

Infant Care Table 3.

Work of the Five Centres, Year 1927.

No. of Clinic Sessions held	Attendances			Number of Health Talks given.	Consultations by Doctors	Attendances at Consultations		
	Mothers	Babies	Other Children			Mothers	Babies	Other Children
250	14892	7650	8952	167	249	614	2195	1234

Infant Care Table 4.

Comparison of Total Attendances.

YEAR.	ATTENDANCES.			TOTAL.
	Mothers.	Babies.	Other Children.	
1917	3516	1757	2357	7630
1918	3942	1882	2855	8679
1919	4990	2352	3049	10391
1920	7680	4630	3841	16151
1921	9114	5607	4428	19149
1922	8818	4913	4807	18538
1923	9680	5020	6226	20926
1924	12210	5935	7924	26069
1925	12265	6061	7146	25472
1926	13717	6680	8335	28732
1927	14892	7650	8952	31494

During the year 94 Maternity patients and also four Ailing Infants were admitted into Municipal beds in the General Hospital.

INFANT MORTALITY—52.04.

Net deaths from stated causes at various ages under one year of age.

Cause of Death.	Under 1 wk.	1-2 weeks.	2-3 weeks.	3-4 weeks.	Total under 4 weeks.	4 weeks and under 3 mths.	3-6 months.	6-9 months.	9-12 months.	Total Deaths under 1 year
Small-pox ...	—	—	—	—	—	—	—	—	—	—
Chicken-pox ...	—	—	—	—	—	—	—	—	—	—
Measles ...	—	—	—	—	—	—	—	—	1	1
Scarlet Fever ...	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	—	—	—	—	—	—	—	—	—	—
Diphtheria & Croup ...	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—
Tuberculous	—	—	—	—	—	—	—	—	—	—
Meningitis ...	—	—	—	—	—	—	—	—	1	1
Abdominal	—	—	—	—	—	—	—	—	—	—
Tuberculosis ...	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases ...	—	—	—	—	—	—	—	—	—	—
Meningitis (<i>not Tuberculous</i>) ...	—	—	—	—	—	—	—	—	1	1
Convulsions ...	—	—	—	1	1	—	1	—	—	2
Laryngitis ...	—	—	—	—	—	—	—	—	—	—
Bronchitis ...	—	—	—	—	—	1	—	—	—	1
Pneumonia (all forms) ...	—	—	—	—	—	1	1	—	3	5
Diarrhoea ...	—	—	—	—	—	—	—	—	—	—
Enteritis ...	—	1	—	—	1	—	2	—	—	3
Gastritis ...	—	—	—	—	—	—	—	—	—	—
Syphilis ...	—	—	—	—	—	—	—	—	—	—
Rickets ...	—	—	—	—	—	—	—	—	—	—
Suffocation, overlying	—	—	—	—	—	—	—	—	—	—
Injury at birth ...	1	—	—	—	1	—	—	—	—	1
Atelectasis ...	3	1	—	—	4	—	—	—	—	4
Congenital Malformations ...	3	1	1	1	6	1	2	—	—	9
Premature Birth ...	12	1	2	1	16	1	—	—	—	17
Atrophy, Debility and Marasmus ...	3	1	—	—	4	—	—	—	—	4
Other Causes ...	2	—	—	—	2	2	1	—	2	7
TOTALS ...	24	5	3	3	35	6	7	—	8	56
Net Births } Legitimate 975					Net Deaths } Legitimate 51					
in the year } Illegitimate 101					in the year } Illegitimate 5					

Particulars of cases of Tuberculosis and of all deaths from the disease in Bournemouth during 1927 :—

	New Cases.				Deaths.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	—	—	2	1	—	—	1	—
1—5 years ...	—	—	2	2	—	—	1	1
5—10 „ ...	1	1	3	5	—	—	—	1
10—15 „ ...	1	—	1	3	—	—	—	1
15—20 „ ...	2	4	3	1	1	4	—	—
20—25 „ ...	7	8	—	—	2	4	2	—
25—35 „ ...	33	18	—	3	8	15	1	—
35—45 „ ...	26	20	1	1	22	7	1	—
45—55 „ ...	13	9	—	1	13	3	1	1
55—65 „ ...	9	4	—	—	6	4	2	—
65 and upwards ...	4	3	1	—	4	3	2	—
Totals ...	96	67	13	17	56	40	11	4

This table includes 51 non-notified deaths. In 36 cases however notification was not required as the patients came to Bournemouth merely for sanatorium or institution treatment, and were therefore classified as “visitors.”

The non-notified deaths accordingly numbered 15, or 13.51 per cent. of the total of 111 deaths from Tuberculosis.

The first intimation received concerning these 15 cases was from the death returns, and the attention of the private practitioner concerned was called to his omission in each case.

Locations of Non-pulmonary Tuberculosis in the patients of all ages who were notified :—

LOCATION.				Male	Female	Total.
Disease of Bones and Joints	...	...	...	4	3	7
Disease of Genito-Urinary System	...	...	...	1	—	1
Abdominal Disease	...	...	...	1	4	5
Disease of Glands	...	...	...	5	8	13
Disease of other parts	...	...	...	1	1	2
Totals	...	...	...	12	16	28

TUBERCULOSIS DISPENSARY.

During the year 1927 the Dispensary was open on 148 afternoons.

There were 375 patients under treatment, their attendances averaging 2.18 each.

The total number of attendances of patients was 820 as follows :—

Adults, male	...	...	...	226
Adults, female	...	...	...	288
Children, male	...	...	...	141
Children, female	...	...	...	165
				<hr/> 820 <hr/>

Average attendance per session, 5.5 patients.

SANATORIA.				No. of Patients.	No. of Patient Days.
<i>Early and Observation Cases :—</i>					
Adult Bournemouth patients who received treatment during 1927 in :					
Royal National Sanatorium, Bournemouth				78	7483
Children sent to :					
St. Catherine's Home, Vent- nor				9	1267
Children's Sanatorium, Har- penden				14	1757
<i>Advanced Cases :</i>					
Adult Bournemouth patients who received treatment in :					
Firs Home, Bournemouth ...				26	3485
Royal Victoria and West Hants Hospital, Bournemouth ...				1	6
<i>Surgical Cases :</i>					
Bournemouth patients who received treatment in :					
Royal Victoria and West Hants Hospital, Bourne- mouth :—					
Adults				11	916
Children				6	906
Royal Sea Bathing Hospital, Margate—					
Adults				2	186
Lord Mayor Treloar Cripples Hospital, Alton—					
Children				3	640
Victoria Home for Crippled Children, Bournemouth ...				2	383
Totals				151	17023

The actual number of Bournemouth patients who received treatment in institutions during 1927 was 140.

Of these, 12 were "observation" cases in which a diagnosis of Tuberculosis was not established; 57 suffered from Tuberculosis of the Lungs in an early stage; in 27, the disease was advanced; and in 21 the tuberculosis was not pulmonary. Included in this total are 10 Ex-service Men whose Tuberculosis was attributed to military service.

The 23 children who received Institution treatment were in delicate health and regarded as pre-tubercular patients.

The number of deaths that occurred from Tuberculosis of the Lungs during the year was 74. On the Registrar-General's estimate of the population of 92,650, this gives a rate of .79 per thousand, while on the population for the year 1927 based on my estimate the rate is .72 per thousand.

INFECTIOUS DISEASE.

Eighty-six cases of Scarlet Fever were notified during the year. No death occurred among these patients.

Forty-five cases of Diphtheria were notified, of whom four died.

BOURNEMOUTH SANITARY HOSPITAL.

During the year 144 cases were admitted into the Hospital. Of these, 143 were Bournemouth patients, and one was admitted from without the County Borough. The following table refers to Bournemouth patients:—

Hospital Table No. 1.

Diphtheria	...	...	...	...	43
Scarlet Fever	...	...	...	...	72
Erysipelas	...	...	...	...	1
Measles	...	...	...	...	6
Chicken Pox	...	...	...	...	4
Enteric Fever	...	...	...	...	1
Whooping Cough	...	...	...	...	2
Poliomyelitis	...	...	...	...	1
Diphtheria Observation Cases	...	...	...	...	4
Other Observation Conditions	...	...	...	...	9
Total					143

During the year five deaths occurred in the Hospital from the following diseases:—

Diphtheria	...	...	2
Poliomyelitis	...	...	1
Other Conditions	...	...	2

The average number of patients in the Hospital per day during the year was 14.32.

WEST HOWE ISOLATION HOSPITAL.

Two cases of modified Smallpox occurred during the year, both of which had developed signs of the disease before coming into Bournemouth. All possible measures were taken to prevent the spread of infection and the known contacts were kept under observation for the requisite period with the result that no further cases occurred.

CASES OF INFECTIOUS DISEASE WHICH OCCURRED DURING 1927.

NOTIFIABLE DISEASE	NO. OF CASES NOTIFIED								CASES REMOVED TO HOSPITAL
	At all Ages	At Ages—Years							
		Under 1	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards	
Diphtheria (including Mem- branous Croup)	45	1	5	27	10	1	1	—	43
Erysipelas	20	—	—	1	3	5	10	1	3
Scarlet Fever	86	—	10	52	16	8	—	—	72
Enteric Fever (including Para-Typhoid)	4	—	—	2	1	1	—	—	3
Ophthalmia Neonatorum ...	7	7	—	—	—	—	—	—	5
Pneumonia	52	—	6	9	3	15	10	9	3
Chicken Pox	502	13	112	319	43	13	2	—	4
Encephalitis Lethargica ...	4	—	—	—	—	1	2	1	2
Puerperal Fever	11	—	—	—	3	8	—	—	7
Puerperal Pyrexia	15	—	—	—	5	10	—	—	8
Poliomyelitis	3	—	1	1	—	—	1	—	2
Variola	2	—	—	—	1	1	—	—	2
	751	21	134	411	85	63	26	11	154

BOURNEMOUTH DEATHS FROM PRINCIPAL, NOTIFIABLE INFECTIOUS DISEASES.

Year.	Small Pox.	Diphtheria	Scarlet Fever	Enteric Fever	Puerperal Fever	Erysipelas	Total	Deaths per 1,000 population
1910	0	11	1	0	0	2	14	0.17
1911	0	5	0	1	1	1	8	0.10
1912	0	3	3	2	1	1	10	0.12
1913	0	4	1	0	2	0	7	0.08
1914	0	13	0	0	1	0	14	0.16
1915	0	11	2	0	0	3	16	0.22
1916	0	7	0	0	1	2	10	0.14
1917	0	7	0	1	2	1	11	0.15
1918	0	2	1	0	7	1	11	0.14
1919	0	1	0	0	1	2	4	0.04
1920	0	6	0	0	2	0	8	0.09
1921	0	1	1	1	4	0	6	0.06
1922	0	3	0	1	3	0	7	0.07
1923	0	1	2	0	2	0	5	0.05
1924	0	3	0	2	0	0	5	0.05
1925	0	9	0	0	0	1	10	0.11
1926	0	1	1	1	0	0	3	0.03
1927	0	4	0	0	1	0	5	0.05

Hospital Table No. 2.
Comparative Statement for Ten Years.

YEAR.	Average number of persons, inclusive of Staff in Hospital per day.	Total Average cost per person per day, which includes all administrative expenses.	Average cost per person per day for provisions alone, including stimulants.	Maintenance charges. Income for the year.	Total Expenditure for the year, after deducting receipts from patients.	Total of all cases received into Hospital
1918	36.23	£ 0 6 1½	£ 0 1 6½	£ 437 14 11	£ 3602 8 9	202
1919	40.9	0 9 3½	0 2 0½	591 18 8	6915 0 10	*220
1920	46.43	0 11 2½	0 3 6½	1277 1 8	8278 12 10	*218
1921	49.82	0 9 8½	0 1 8½	1130 0 11	7679 10 9	182
1922	47.24	0 7 9½	0 1 5½	961 19 5	5767 11 1	*196
1923	45.32	0 7 9½	0 1 4½	1057 7 10	5420 10 9	224
1924	49.10	0 7 1½	0 1 2½	844 4 7	5592 5 10	229
1925	48.52	0 6 9½	0 1 2½	419 9 8	5623 11 9	230
1926	39.25	0 8 8½	0 1 3½	336 13 0	6221 18 8	137
1927	34.67	0 9 7½	0 1 1½	233 7 8	6096 15 1	147

* Includes mothers who went into Hospital to nurse children with Ophthalmic Neonatorum.

Hospital Table No. 4.

Statement of Stock and Loans relating to Land and Buildings in connection with the Sanitary Hospital, 31st March, 1927.

Amount originally sanctioned	Amount originally borrowed		Amount unre-deemed at comm'ncement of the year	Amount re-deemed or transferred during the year.	Amount outstanding at the end of the year		Amount in redemption or sinking fund	Net debt	To whom owing
	£ s. d.	£ s. d.			£ s. d.	£ s. d.			
1400 0 0	1395 6 8	1182 12 0			226 11 10	67 2 3			Stockholders
3900 0 0	2708 12 7	389 6 4			114 13 5	18 2 9		159 9 7	"
1000 0 0	608 9 0	164 9 0			16 2 4	4 0 2		96 10 8	"
1265 0 0	1097 0 1	84 0 0			1320 0 0	303 7 0		12 2 2	"
4200 0 0	4004 9 9	26 0 0			179 0 0	36 17 0		1016 13 0	Sh. Tr. Lend.
650 0 0	607 2 7	160 0 0			4400 0 0	431 11 0		142 3 0	"
160 0 0		125 0 0	226 11 10					3968 9 0	"
375 0 0	250 0 0	34 0 0	114 13 5						"
155 0 0	121 0 0		16 2 4						"
17 9 7	17 9 7		1320 0 0						"
3800 0 0		3800 0 0	179 0 0						"
475 0 0		475 0 0	4400 0 0						"
7000 0 0		7000 0 0							"
444 0 0		416 18 0							"
1750 0 0	1750 0 0		1633 6 8						"
550 0 0		550 0 0	522 10 0						Stockholders
2110 0 0	2110 0 0		250 0 0						Nat. Prov. Bk.
400 0 0		400 0 0							Stockholders
29651 9 7	14669 10 3	14807 5 4	8662 4 3	153 6 8	10768 17 7	861 0 2		9907 17 5	"
		29476 15 7							

BACTERIOLOGY.

The following table has been completed by Dr. A. C. Ingram, Borough Bacteriologist, indicating the examinations carried out for the Health Department and Hospital.

SANITARY HOSPITAL.

Swabs re Diphtheria, etc.	...	...	...	209
Sundries ...	...	...	...	5

HEALTH DEPARTMENT.

Swabs re Diphtheria, etc.				
per M.O.H.	...	...	...	129
per Private Practitioners	...	...	...	204
Sputum Specimens re Tuberculosis—				
per Municipal Dispensary	...	...	...	81
per Private Practitioners	...	...	...	106
Milk Samples re Tuberculosis	...	...	...	52
do. General Examination	...	...	...	52
Ice Cream Samples re Sundry Contaminations			...	17
Sundries per M.O.H....	...	...	...	6
Total				861

TREATMENT AND PREVENTION OF VENEREAL DISEASES.

The following tables give statistics concerning the Municipal Clinic and the provision of bacteriological facilities for the diagnosis of Venereal Diseases.

Statistics concerning patients from the County Borough of Bournemouth for the year ended 31st December, 1927.

Number of persons dealt with at or in connection with the Out-patient Clinic for the first time and found to be :—

	Males.	Females.	Total.
Suffering from Syphilis	18	10	28
Suffering from Gonorrhoea	58	14	72
Not suffering from Venereal Disease ...	30	24	54
Soft Sore ...	1	—	1
			<hr/> 155 <hr/>

Number of patients discharged from the Out-patient Clinic after completion of :—

Treatment for Syphilis	3	5	8
Treatment for Gonorrhoea	27	11	38
			<hr/> 46 <hr/>

Number of patients who ceased to attend the Out-patient Clinic without completing treatment and who were suffering from :—

Syphilis ...	1	4	5
Gonorrhoea ...	18	4	22
			<hr/> 27 <hr/>

Total attendances at the Out-patient Clinic of all persons who were :—

	Males.	Females.	Total.
Suffering from Syphilis	539	366	905
Suffering from Gonorrhoea	530	188	718
Not found to be suffering from Venereal Disease	91	97	188
			<hr/> 1811 <hr/>

Aggregate number of "In-patient days" of treatment given to persons :—

Suffering from Syphilis	37	39	76
Suffering from Gonorrhoea	192	77	269
Not found to be suffering from Venereal Disease	—	4	4
			<hr/> 349 <hr/>

Number of persons treated with Salvarsan substitute	48
Number of doses of Salvarsan substitute used in Treatment Centre ...	511

EXAMINATION OF PATHOLOGICAL MATERIAL.

Number of specimens which were examined :—

For persons attending at the Treatment Centre :—

For detection of Spirochetes	...	5
For detection of Gonococci	...	654

From persons attended by private medical practitioners :—

For detection of Gonococci	...	8
----------------------------	-----	---

Number of specimens which were sent for examination to an independent laboratory for Wassermann Reaction :—

From persons attending at the Treatment Centre	208
From persons attended by private medical practitioners	126

Salvarsan approved substitutes supplied to medical practitioners :—

Doses	120
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COUNTY BOROUGH OF BOURNEMOUTH.

SANITARY INSPECTOR'S DEPARTMENT.

Town Hall,

Bournemouth.

13th April, 1928.

TO THE MAYOR AND TOWN COUNCIL OF
THE COUNTY BOROUGH OF BOURNEMOUTH.

Mr. Mayor and Gentlemen,

I beg to submit for your consideration the Annual Report upon the work carried out by this Department during the year ending 31st December, 1927.

RE CINEMAS AND PICTURE PALACES.

The special arrangements made under your authority for the regular disinfecting of these premises by the public disinfecter once a fortnight has been continued throughout the year, and the cost of his time and materials has been defrayed by the proprietors.

Inspections have also been made of these premises with regard to the provision for sanitary conveniences, lighting and ventilation and reports submitted to the Finance Committee on application for the renewal of licences.

THE FACTORY AND WORKSHOPS ACT,
1901-1907.

The total number of workshops and work-places now registered in the Borough is 731, a decrease of nine on that of last year.

During the year 27 new workshops have been registered, 30 workrooms have been measured and 30 cards, re cubic space, etc., have been supplied to the occupiers.

In all cases where nuisances have been found, notices have been given to the owner or occupier of the premises to remedy the defects, and it is very satisfactory to report that in every instance the nuisance has been abated without resort to legal action.

During the year 1,721 inspections have been made.

The Occupation Cards have been revised, and are brought up-to-date.

The following is the list of workshops on the Register at the end of the year, classified according to trade, and showing the number of rooms occupied :

Trade.	Premises Registered.	Rooms Occupied.
Bakehouses	80	89
Kitchens of Hotels and Restaurants	57	57
Dressmakers and Milliners	169	207
Tailors	94	115
Bootmakers and Saddlers	108	110
Laundries	51	102
Carpenters and Builders	73	78
Cabinetmakers and Upholsterers	46	60
Coachbuilders and Motor Works	33	45
Watchmakers and Jewellers	28	30
Metal Workers	34	46
Cycle Builders and Motor Works	67	72
Miscellaneous	28	57
	<hr/> 731	<hr/> 922

BAKEHOUSES.

Of the 80 bakehouses occupied in the Borough three are occupied as underground bakehouses, and the remainder are on, or above, the ground level.

The underground bakehouses are certified by your authority to be suitable (as regards light, ventilation, construction, etc.) for use as bakehouses.

During the year six bakehouses have been added to, and two deleted from the Register.

The whole of the bakehouses in the Borough have been cleaned or limewashed twice during the year in accordance with the requirements of the Act. Two hundred and forty-three visits have been made to these premises during the year.

KITCHENS OF HOTELS AND RESTAURANTS.

Fifty-seven premises have been inspected and special attention has been given to the cleanliness of the larders, tables and cooling utensils, and these have been found to be satisfactory.

HOMEWORK.

During the year 61 lists containing the addresses of 120 "Outworkers" have been received.

Sixteen of these were residing outside the Borough, and the usual particulars were sent to the Authorities of the Districts in which the work was done.

Two addresses were received from outside Authorities.

One hundred and six visits were made to Outworkers' premises, and in no instance was it found necessary to serve a notice for the abatement of nuisance.

REGISTRIES FOR FEMALE AND DOMESTIC SERVANTS.

The number of premises on the Register at the end of the year was 29, a decrease of three on that of last year.

Fifty-four surprise visits have been made from time to time to the premises, for the purpose of enforcing the provision of the Bye-Laws relating thereto.

SHOPS ACT, 1912.

The total number of shops on the Register at the end of the year was 2,631, an increase of 202 on that of last year.

During the year 3,724 visits have been made to shops in the Borough under the Act.

In 72 instances the exempted trade notices under the record schedule, and in 60 instances the assistants weekly half holiday notice, under Section 1, and in 58 instances the young persons notice under Section 2 were not found to be affixed as required by the Act.

In all instances a verbal warning was sufficient, the requirements being subsequently complied with.

Sixty-three warning notices re the sale of celluloid articles were delivered.

Fifty-two special inspections have been made with regard to the sale of non-exempted goods on the half day closing.

Fifty-six special inspections have been made with regard to the New Order of the Shops Early Closing Act, 1920. In one case proceedings were taken under the above Order and a conviction obtained with a fine of 5/- including costs.

In 17 instances letters of warning were considered sufficient.

Each new shop opened in the Borough during the past year has been supplied with a copy of the extracts of the Shops Act, 1920.

Two hundred and thirty-seven shops have been visited with regard to the employment of young persons, and in no instance was a young person found working beyond the prescribed hours.

Three hundred and eighty-four copies of the Shops Act re sale of exempted goods have been delivered.

SUMMARY OF SHOPS ON REGISTER.

31st December, 1927.

BUSINESS.	No. of Shops on Register	EARLY CLOSING DAY.						No. which do Not Close
		Mon	Tue	Wed	Th	Fri	Sat	
Grocery & Provision Dealers...	302	10	8	261	12	—	11	—
Greengrocers, Fruiterers & Florists ...	231	7	—	210	9	—	—	5
Bootsellers and Repairers ...	159	4	3	134	6	—	12	—
Tailors and Outfitters...	104	—	—	79	—	—	25	—
Butchers ...	120	9	—	101	—	—	10	—
Drapers, Milliners & Dressmakers ...	160	3	2	120	4	—	31	—
Furniture Dealers ...	114	—	4	83	2	—	25	—
Toys, Newspapers, Tobacco & Sweet Dealers ...	212	5	7	88	8	—	—	104
Bakers ...	84	3	—	72	—	—	—	9
Dairies ...	44	—	—	34	—	—	—	10
Motor and Cycle Dealers ...	98	—	—	69	—	—	13	16
Fish and Poultry Dealers ...	63	2	—	46	—	—	—	15
Jewellers and Watchmakers ...	72	—	—	55	—	—	17	—
Refreshment Dealers ...	51	—	—	4	—	—	—	47
Sweets and Confectionery ...	117	—	—	45	—	—	4	68
Photographers ...	35	2	—	21	—	—	12	—
Chemists ...	65	—	—	56	—	—	9	—
Hairdressers ...	78	—	—	64	—	—	14	—
Fancy Dealers ...	54	—	—	43	—	—	11	—
Saddlers and Trunkmakers ...	25	—	—	20	—	—	5	—
Booksellers and Stationers ...	64	—	2	55	—	—	7	—
Ironmongers ...	57	—	—	43	—	—	14	—
Coal and Corn Dealers ...	39	—	—	27	—	—	12	—
Wardrobe Dealers ...	29	—	2	26	1	—	—	—
Glass and China Dealers ...	27	—	—	23	—	—	4	—
Off License Houses ...	46	2	3	29	—	—	5	7
Miscellaneous ...	116	—	—	69	—	—	47	—
Number of Shops on Register ...	2566	47	31	1877	42	—	288	291
Empty Shops in Borough ...	65	—	—	—	—	—	—	—
Total No. of Shops in Borough ...	2631							

DAIRIES, COWSHEDS AND MILKSHOPS ORDERS.

To enforce the regulations relating to cleanliness, limewashing and general sanitation, 2,046 inspections have been made of cowsheds, dairies and milk purveyors' premises in the Borough.

Visits to Dairies ...	905
Visits to Milkshops	1093
Visits to Cowsheds ...	48
	2046

The half-yearly limewashing of premises was in every instance carried out after notice had been given by your Inspector. There are now only four cowsheds in the Borough.

MILK AND DAIRIES ORDER, 1926.

No. of producers (residing outside the Borough) who have been registered to sell by retail in the Borough ...	10
No. of producers (residing in the Borough) who have been registered both as producers and as retailers ...	4
No. of producers (residing in the Borough) who have been registered to sell by whole-sale only ...	1
No. of shop proprietors, etc., who have been registered as retail purveyors of milk ...	124

Milk (Special Designations) Order, 1923.

On the 31st December, 1927, there were in the Borough eight premises licensed for the sale of graded milk which in each instance was obtained from licensed producers of "Certified" Milk. Five of these premises are also licensed for the sale of "Grade A."

GENERAL INSPECTION OF FOOD SUPPLIES.

During the year 11,976 visits have been made to shops in the Borough for the inspection of Meat and Food Supplies, and with regard to the cleanliness of the premises and stores.

Periodical and regular inspections of the Meat Supplies form an important part of the Food Inspectors' duties, as shown by the appended tables.

By arrangement with the retail traders, early morning inspections of meat are made before the meat is "weighed in" by the butchers, in all cases where the carcasses have been slaughtered outside the Borough.

There are seven wholesale meat stores and the provisions as to the cartage and storage of carcasses and clothing of the employees are being complied with.

Of the 130 retail shops, 55 are provided with sash windows, 45 with fixed windows and permanent means of ventilation, 28 with shutters and two with partly open fronts. During the last year six old shops have been altered and supplied with the approved new sash window fronts or fixed fronts.

Of the 28 shops still supplied with the ordinary movable shutters the majority are small shops and not in the main thoroughfares, and from the inspections made, it has not been found necessary to take statutory action. The proprietors of the few shops with open fronts in the main thoroughfares, take the precaution to have the glass shutters up, on occasions as circumstances require, and the Inspectors are giving these shops special attention.

The provisions as to the removal of trade refuse, cleanliness of refrigerating plant, stores and trade implements, are being carried out satisfactorily.

General Provision Shops and Grocers' Shops.

The regulations relating to these shops have been enforced and the details as to general arrangements entered up in the revised register.

Bacon Stores, where necessary, have been cleansed and limewashing carried out as required.

There are 248 of the above shops in the Borough, 169 have fixed fronts, 28 have sash windows, 51 have partly fixed and partly sash window fronts.

Fishmongers.

There are 65 retail fish shops in the Borough, 26 of which retail fried fish. The details have been entered and the register revised up-to-date. The special late collections of fish offal on Saturday night at the larger shops is much appreciated.

Fruiterers and Greengrocers' Shops.

There are 133 of these shops in the Borough, and improvements as to the storage accommodation, removal of trade refuse and general cleanliness of premises have been enforced, due to the result of more frequent inspections now possible.

The following quantities of meat and other foods were destroyed as being diseased or unsound and unfit for consumption :—

Butchers' Meat (diseased)	...	...	...	3,502 lbs.
Butchers' Meat (unsound)	...	...	...	8,434 "
Fish	...	...	...	1,508 "
Fruit	...	...	...	1,501 "
Vegetables	...	...	...	1,393 "
Cases of Eggs (Liquid)	...	...	...	43 "
Tinned Food	...	...	...	1,023 "
Eggs	...	...	...	144 "

The following is a classified summary of the Food Purveyors' premises visited by the Food Inspectors :—

Butchers' Premises	...	...	...	5,656 visits
Fishmongers' and Poulterers'	...	...	...	2,337 "
Greengrocers'	...	...	...	2,394 "
Grocers'	...	...	...	1,048 "
Ice Cream Vendors' Premises	...	...	...	91 "
Hawkers' Carts	...	...	...	450 "
Stalls	...	...	...	16 "
				<hr/> 11,976 <hr/>

SLAUGHTERHOUSES.

There are five slaughterhouses in the Borough, at each of which the Regulations as to periodical limewashing, cleansing, etc., have been carried out. Eight hundred and fifty-three inspections have been made of these premises during the year.

The number of animals slaughtered during the year is as follows :—

Beasts	...	...	...	531
Sheep	...	...	...	7237
Calves	...	...	...	2332
Pigs	...	...	...	2297
				<hr/> 12397 <hr/>

The frequent inspections of the Pork Shops clearly prove that it is essential, both in the interests of the Public Health and the Pig Trade generally, to examine carefully all carcasses before exposing them for sale.

The Bye-laws with respect to Slaughter Houses were revised and adopted in July, 1926, by which it is provided that all animals shall be effectually stunned with a mechanically operated instrument previous to slaughter.

Offensive Trades.

Bye-laws for the regulation of Offensive Trades were adopted by your Authority in October, 1926. Under these Bye-laws it is possible to supervise and control special trades, dealing with rag and bone dealers, fish friers, etc. There are now 26 premises registered for fish frying premises. The conditions as to the class of fish frying ingredients and cleanliness of premises are satisfactory.

Regular and periodical inspections have been made to these premises with a view to the enforcement of the Bye-laws as follows :—

Visits to gut scrapers	...	104
Visits to tripe boilers	...	29
Visits to rag and bone dealers		44
Fried fish shops	... ..	678

It is satisfactory to report that the necessary alterations and works in each of these trades have been carried out, on Preliminary Notices being served from the Department, and in no case has it been necessary to take statutory proceedings under the Regulations.

THE FERTILISERS AND FEEDING STUFFS ACT.

Eight samples have been submitted during the year. Seven of which were genuine and one of poor quality.

SALE OF DISEASED PLANTS, 1927.

Special inspections to enforce the provisions of the Orders relating to the sale of Diseased Plants have been made, and 135 notices to florists and gardeners have been served under the Destructive Insect and Pest Orders.

PRIVATE SCHOOLS.

The total number of Private Schools in the Borough is 48, comprising 174 classrooms, and the average number of scholars in attendance at these schools is 2,390.

The sanitary arrangements of the larger private Schools have been examined, and the drainage tested at the end of each term, and reports as to repairs, cleansing, etc., made to the Principals.

This periodical examination has proved to be a precautionary measure where the number of boarders necessitates large households being maintained.

PUBLIC SCHOOLS.

The sanitary conveniences of the public Elementary Schools have also received systematic attention from the Drain Testers who are responsible for the daily cleansing and disinfection of all the fittings, etc. The conveniences are thus maintained in a cleanly condition, and the scholars are induced to make proper use of them.

WART DISEASE IN POTATOES.

No cases of Wart Disease were reported during the year.

RAG AND FLOCK ACT REGULATIONS.

Two general inspections during the year have been made of the premises where flock is used for manufacture of bedding, upholstery, etc. There has been a great increase in the number of small workshops where bedding is re-made and these premises are now receiving special attention.

HOUSING CONDITIONS.

STATISTICS.

Year ended 31st December, 1927.

1.—GENERAL.

(1)	Census population (1921)	...	...	...	91,770
(2)	Estimated population (1927)	...	...	(R.G.)	92,650
(3)	General death-rate	...	...	"	13.44
(4)	Death-rate from tuberculosis	...	...	"	.92
(5)	Infantile mortality	...	...	...	52.04
(6)	No. of dwelling-houses of all classes (1921—17,540)	...	...	...	21,735
(7)	No. of working-class dwelling houses (approx.)	...	...	...	10,604
(8)	No. of new working-class houses erected	...	...	...	257
(9)	No. of new dwelling-houses erected	...	...	...	305
(10)	No. of new lock-up shops and workshops and alteration to premises and drainage, etc.	...	...	...	215

II.—UNFIT DWELLING-HOUSES.

I.—Inspection.

(1)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	...	1,641
(2)	No. of dwelling-houses which were inspected and recorded under the Housing (Consolidation) Regulations, 1925...	...	841
(3)	No. of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	Nil
(4)	No. 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	...	168

II.—Remedy of Defects without service of Formal Notices.

No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	282
--	-----

III.—Action under Statutory Powers.

(A) Proceedings under Section 3 of the Housing Act, 1925	—
(1) No. of dwelling-houses in respect of which notices were served requiring repairs	—
(2) No. of dwelling-houses which were rendered fit	—
(a) by owners	—
(b) by Local Authority in default of owners ...	—
(3) No. 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) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied	146
(2) No. of dwelling-houses in which defects were remedied	—
(a) by owners	146
(b) by Local Authority in default of owners ...	Nil
(C) Proceedings under Section 11, 14 and 15, of the Housing Act, 1925	—
(1) No. of representations made with a view to the making of Closing Orders	—
(2) No. of dwelling-houses in respect of which Closing Orders were made	—
(3) No. of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	—
(4) No. of dwelling-houses in respect of which Demolition Orders were made	—
(5) No. of dwelling-houses demolished in pursuance of Demolition Orders	—

III. UNHEALTHY AREAS.

Areas represented to the Local Authority with a view to Improvement Schemes under (1) Part I., or (b) of the Act of 1890.

(1) Name of area	Nil
(2) Acreage	Nil
(3) No. of working-class houses in area	Nil
(4) No. of working-class persons to be displaced	Nil

4.—No. of houses not complying with the building bye-laws erected with consent of Local Authority under Section 25 of the Housing, Town Planning, etc., Act, 1919 Nil

5.—Staff engaged on housing work with, briefly, the duties of each officer :

General supervision of new houses in course of erection, contracts, etc.	} Borough Engineer and Deputy Borough Architect.
Plans and designs	
Selection and supervision of tenants	} Chief Sanitary Inspector.
General supervision and repairs to properties	
Rent Collection	Borough Treasurer.

DISTRICT SANITARY INSPECTORS' SUMMARY OF WORKS.

1.—NUISANCES.

	District					Ttl.
	No. 1	No. 2	No. 3	No. 4	No. 5	
Complaints received and attended to	158	132	120	147	13	570
Number of nuisances detected...	113	107	98	76	6	400
Visits <i>re</i> abatement of nuisances	437	356	317	250	32	1392
General Inspections of Districts	3	21	46	21	5	96
Number of Nuisances detected	1	16	34	13	1	65
Number of Nuisances abated	—	14	27	9	1	51
Nuisances outstanding Dec., 1926	5	1	—	—	—	6
Ditto, 1927	2	4	4	—	—	10
Complaints attended to <i>re</i> Cesspools	6	157	2	2	—	167
Piggeries Visited	4	6	—	—	1	11

Districts re-arranged, April, 1927. There are now four Districts under the supervision of the Senior District Inspector and four District Inspectors.

2.—INFECTIOUS DISEASE.

Enquiries made for Reports to M.O.H.	34	70	14	33	1	152
Nuisances detected and abated	3	9	—	21	2	35
Nuisances outstanding	2	5	—	4	—	11
Total No. of Visits	42	94	20	60	2	218
School notices sent	18	25	1	2	—	46

3.—DISINFECTION.

No. of rooms after notifiable disease	31	73	35	38	3	180
Total No. of books disinfected	18	18	13	11	—	60
No. of rooms after Phthisis	35	51	11	25	6	128
No. of rooms after on-notifiable disease	62	32	39	37	3	173
No. of verminous rooms disinfected	—	—	35	8	—	43
Places of entertainment	81	27	—	—	—	108

4.—NEW BUILDINGS.

Water tests	338	443	128	159	16	1084
Number of re-tests	32	24	4	11	2	73
Smoke tests	243	307	61	102	25	739
Number of re-tests	18	32	10	7	—	69
Total visits	639	906	225	292	39	2101
Number of reports made to B. I. <i>re</i> details of defects ascertained	48	95	28	12	6	189

5.—PRIVATE INSPECTIONS.

Premises Inspected and Tested	24	20	86	31	—	161
Subsequent Water Tests	4	5	33	2	—	44
„ Smoke	6	7	23	5	—	41
Visits <i>re</i> Supervision of Works	87	96	230	97	5	515
Total Visits	117	84	373	137	6	717
Reports outstanding Dec. 31st, 1927	4	3	2	1	—	10

SUMMARY OF DISINFECTION AT SANITARY HOSPITAL.

6.—NOTIFIABLE DISEASE.

No. of Articles removed from Dwellings	...	...	...	670
" " Disinfected at Hospital	...	...	...	4163
No. of Wards	...	...	...	99
No. of Times drains flushed at Hospital	...	...	...	110
Special Visits by Inspector	...	...	...	43

7.—NON-NOTIFIABLE DISEASE.

No. of Articles Disinfected after Phthisis	...	...	...	411
" " " " " other non-notifiable Diseases	...	...	...	1455
Special Visits by Inspectors	...	...	...	160
No. of Verminous Articles disinfected	...	...	...	291
No. of Verminous Articles and other Articles destroyed	...	...	...	184

8.—MISCELLANEOUS.

	District					Ttl.
	No. 1	No. 2	No. 3	No. 4	No. 5	
House-to House Inspections and Re-inspections	313	35	100	373	163	1004
Visits to Schools	—	23	19	10	8	60
Visits to places of entertainment (renewal of licences, etc.)	8	4	10	2	—	24

9.—EXTRAORDINARY DUTIES.

- 1.—Five Ponds were sprayed with a paraffin preparation for the eradication of insect pests during the summer months.
- 2.—Special visits were made to Tents, Vans, Sheds and similar structures used as dwelling-houses.
- 3.—137 visits to Subsidy Houses.
- 4.—24 General inspections were made for the detection of smoke nuisances.

COMMON LODGING HOUSES.

There is only one registered Common Lodging House in the Borough. The general supervision of common lodging houses is under the control of the Police. Special inspections have been made of these premises since the sporadic cases of small-pox have occurred among the casuals in the wards of Work-houses.

BATHING STATION.

There has been a marked decline in the number of persons receiving treatment for Scabies, etc., only a few baths having been administered during the year 1927 from the School Clinics.

REPORTS ON INFECTIOUS CASES.

(Include Observation Cases).

Scarlet Fever	...	12	38	10	18	—	78
Diphtheria	...	14	31	5	11	—	61
Erysipelas	...	6	6	1	7	—	20
Cerebro Spinal Meningitis	...	—	—	—	—	—	—
Typhoid	...	—	—	1	1	—	2
		32	75	17	37	—	161
Houses with defects ascertained	...	2	4	—	11	1	18

During the year 161 Reports (see above table) have been made to the Medical Officer of Health upon notified and suspected Infectious Cases. The sanitary arrangements and drainage of the premises occupied by the patients have been examined and tested, and four Preliminary Notices have been served on the owners or occupiers of these premises calling upon them to abate the nuisances ascertained. These notices have been satisfactorily complied with.

CESSPOOL DRAINAGE.

WINTON AND MOORDOWN DISTRICT.

No. of Cesspools emptied	...	...	162
No. of loads of sewage removed	...	...	219
No. of Cesspools condemned and filled in	...	...	1

There are now 133 houses with cesspool drainage and 30 with the pail-closet system, and these are situated principally in the outlying parts of Moor-down, Charminster and Redhill, and in roads that cannot at present be sewered owing to the existing level of sewers.

CHARMINSTER ROAD (HOUSING) SCHEME.

No. of loads of sewage removed from the large cesspool receiving the drainage of these houses, 736.

The new "Dennis" motor exhaust cesspool emptier has been most useful in the removal of sewage by day and the work can be more satisfactorily and expeditiously carried out. The cart has also been used for sewer flushing in the drier months of the year.

POKESDOWN DISTRICT.

No. of cesspools emptied	...	...	27
No. of loads of sewage removed	...	...	50
No. of cesspools filled in	...	...	—

There are now 20 houses with cesspool drainage and nine with pail-closet system in the districts of Tuckton and Wick.

PIGGERIES.

WINTON AND MOORDOWN DISTRICT.

No. of Piggeries	...	...	...	5
No. of pigs kept at last inspection				
(approx.)	...	...	...	47
No. of visits to Piggeries	...	...	...	10
No. of complaints received and				
nuisances abated	...	...	...	—
No. of Piggeries removed during the				
year	...	...	...	1

The five piggeries in this district are kept in accordance with the Bye-Laws.

POKESDOWN DISTRICT.

No. of Piggeries	...	...	...	4
No. of pigs kept at last inspection				
(approx.)	...	...	...	130
No. of visits to Piggeries	...	...	...	4
No. of complaints received and				
nuisances abated	...	...	...	Nil

All the piggeries in this district are kept in accordance with the Bye-Laws.

PUBLIC MORTUARY.

From 1st January to the 31st December, 1927, the total number of Inquests held was 86, and that of Post-mortems was 65.

In 30 instances no cause of death was certified to this department.

The working expenses, so far as this Department is concerned, for the year are as follows:—

	£	s.	d.
1. Proportion of Attendants' wages for cleansing and attendance at Inquests and Post-Mortems	...	30	10 9
2. Gas from December, 1926, to December, 1927, including upkeep of burners	...	3	6 10
3. Disinfectants, Soap, Laundry, Gloves, etc.	...	2	11 6
	£36	9	1

CERTIFIED CAUSES OF DEATH.

Aneurism	...	...	...	1
„ ruptured	...	...	...	1
Burns	...	...	...	2
Coal gas poisoning	...	...	...	3
Convulsions	...	...	...	1
Drowning	...	...	...	6
Decapitation	...	...	...	1
Heart—				
Fatty degeneration of	...	...	...	9
Myocarditis...	...	...	...	1
Valvular disease	...	...	...	11
Aortic disease	...	...	...	3
Pericarditis	...	...	...	3
Ruptured heart	...	...	...	2
Arterial sclerosis	...	...	...	2
Congenital heart disease	...	...	...	1
Haemorrhage	...	...	...	12
Hanging	...	...	...	1
Laceration of the brain	...	...	...	2
Liver, crushed	...	...	...	1
Lungs, congestion of	...	...	...	1
Peritonitis	...	...	...	1
Poisoning	...	...	...	3
Pneumonia, bronchial	...	...	...	2
Retropharyngeal abcess	...	...	...	1
Septicaemia	...	...	...	1
Spinal cord, laceration of	...	...	...	1
Strangulated hernia	...	...	...	1
Skull, fractured	...	...	...	14
Senile decay	...	...	...	1
Shock	...	...	...	3
Thigh, fractured	...	...	...	1
Tuberculosis	...	...	...	2
Tumour	...	...	...	1
				—
				96
				—

HOTEL SANITARY CONVENIENCES.

The arrangements for the daily cleansing by the drain testers of the public Conveniences at Hotels and Public Houses continue to work satisfactorily.

CORPORATION PUBLIC CONVENIENCES.

Expenses in connection with the Public Conveniences from December, 1926, to December, 1927, are as under :—

	£	s.	d.
Repairs to Conveniences ...	554	19	9½
Wages paid to attendants, etc.	2706	12	2
Gas and Water and Hire of Meters and Automatic Controllers	446	3	3
Materials (disinfectants, soap, brushes, laundry, works, etc.)	228	4	9
Total Expenditure	3935	10	11½
By Total Receipts ...	4193	10	1
To Total Expenditure ...	3935	10	11½
Balance, being excess of Receipts over Expenditure ...	257	19	1½

Note.—The above expenses represent only the charges against Revenue.

Statement of Receipts from Public Conveniences

Convenience	Jan.			Feb.			March			April			May		
	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
Knyveton Gardens Lawn															
Tennis		2	7		3	0		3	4		4	7		5	7
Westbourne, Gents'	3	10	9	2	16	0	2	7	4	2	17	4	2	8	2
Poole Hill	2	0	0	1	13	0	1	11	6	2	8	2	2	11	7
Triangle	2	14	7	2	12	10	1	12	2	2	13	10	2	18	0
Talbot Hotel	1	7	10	1	3	1		18	5	1	0	11	1	14	5
Westover Road—															
Gents'	6	18	9	5	2	3	5	3	10	7	19	3	9	5	2
Ladies'	30	1	11	24	14	1	25	15	9	38	0	10	38	18	10
Pier Approach	2	16	11	2	6	4	2	9	0	17	4	9	8	13	7
East Cliff—															
Ladies'	1	5	5		18	7	1	10	3	5	0	4	5	12	6
Gents'		12	2		8	6		13	10	1	4	10	2	8	10
Central Gardens—															
Ladies' No. 1	19	7	0	14	14	0	17	17		41	12	4	43	1	6
Ladies' No. 2										21	3	6	29	13	5
Lansdowne Gents'	11	2	11	10	12	4	9	7	5	20	11	10	12	2	5
" Ladies'	13	18	1	12	2	0	10	16	6	24	9	11	17	11	7
Horseshoe	2	6	8	1	12	10	1	18	7	2	17	11	2	14	9
Bos. Carnarvon Crescent															
Gents'	2	2	3	1	11	8	1	18	4	2	8	11	2	13	3
King's Park—															
Ladies'		12	8		11	11		14	5		11	7	2	3	10
Gents'		14	4		14	7		18	3		15	0	1	8	6
Boscombe Gardens—															
Ladies'		15	10		14	3		14	8	3	13	9	4	1	4
Gents'	1	3	10	1	1	3		17	1	2	3	2	2	13	8
Boscombe Cliff Gardens—															
Ladies'		14	5		9	0		6	8	1	13	6	1	15	10
Gents'		3	11		3	6		9	4		5	1		5	0
Boscombe Lawn Tennis	3	5	5	2	13	1	3	3	4	4	12	7	5	16	11
B'mouth Lawn Tennis								1	0						
Alum Chine	2	8	11	1	16	11	2	8	2	8	5	5	11	18	1
Durley Chine	1	1	9		16	7		18	8	2	1	6	2	1	4
Durley Road, Gents'		12	10		10	4		8	11		15	0	1	6	3
Meyrick Park															
Ladies'		5	9		5	7		5	11				1	18	3
Gents'		7	3		2	8									
Cemetery, Ladies'	1	5	2	1	4	5	19	0		1	5	5	1	14	5
Cemetery, Gents' ...	1	5	2	1	9	8	1	3	2	1	5	8	2	1	8
Fisherman's Walk—															
Ladies'	3	19	0	3	2	9	3	8	5	7	0	6	9	2	11
Gents'	2	14	10	2	10	9	2	7	0	3	9	5	3	19	7
Holdenhurst Road—															
Gents'	1	15	0	1	13	4	1	8	8	1	14	1	2	2	1
Palmerston Road—															
Ladies'	18	13	9	15	3	0	14	15	10	20	7	4	17	16	8
Gents'	7	3	6	5	6	3	4	16	11	6	8	3	6	18	9
Alma Road, Gents'	1	11	1	1	13	8	1	15	3	1	7	11	2	7	9
Argyll Gardens		6	1		1	8		1	7		2	1		1	2
Charminster Road	1	10	1	2	3	2	1	14	6	1	19	5	3	12	5
Richmond Hill	1	1	1	1	8	5	1	0	10		19	4	1	16	5
Avenue Road	7	19	9	6	11	4	6	1	8	14	13	10	11	1	10
Seabourne Road	3	10	9	3	0	6	2	17	1	3	7	2	3	11	3
Queen's Road		11	10		8	3		6	7		9	9		12	11
Middle Chine		13	7		4	11		4	5		16	0		17	7
Cross Roads	2	7	8	1	16	0	1	18	6	3	13	7	3	17	3
Seafeld Gardens,															
Westbourne, Ladies'															
Peters Hill—															
Ladies'															
Gents'															
Woodland Avenue															
Totals	168	13	1	140	8	3	140	9	1	285	15	7	289	16	5

from December, 1926, to December, 1927.

June			July			Aug.			Sept.			Oct.			Nov.			Dec.			Totals		
£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.	£	s.	d.
	9	8				1	3	5	11	1		3	8		11	4		2	9		4	1	0
3	7	3	3	14	7	4	16	8	3	15	7	3	9	9	2	18	10	3	0	9	39	3	0
3	10	8	4	3	2	5	13	7	4	3	6	3	6	6	1	19	8	1	15	10	34	17	2
4	4	1	4	10	8	5	14	0	4	6	5	3	5	7	2	14	0	2	14	11	40	1	1
1	8	5	1	4	7	2	7	8	1	5	4	1	2	9	1	0	8		16	5	15	10	6
10	4	11	12	13	0	16	14	5	15	7	3	10	2	10	6	14	8	7	9	0	113	15	4
45	14	11	52	12	3	74	8	8	68	1	10	48	0	8	29	1	3	28	9	9	504	0	9
14	15	1	21	18	5	35	14	5	26	9	7	9	12	4	3	7	5	2	4	9	147	12	7
9	0	6	13	4	4	23	0	8	19	3	3	4	8	3	2	2	8		14	0	86	0	9
2	2	2	2	16	1	3	18	4	3	9	5	1	11	3		16	9		9	11	20	12	1
73	11	2	104	4	0	177	2	0	127	1	0	62	0	10	31	11	2	30	0	2	742	2	2
54	13	5	83	14	8	133	6	6	94	11	5	30	16	9	6	15	2	2	4	8	456	19	6
15	4	1	19	19	3	29	4	3	26	0	2	13	8	7	9	3	3	8	12	7	185	9	1
24	10	6	31	0	6	54	2	4	42	2	0	25	11	3	15	3	10	16	2	3	287	10	9
2	11	5	3	4	0	4	5	8	3	13	11	2	12	0	2	2	2	1	19	3	31	19	2
2	18	2	3	10	7	5	0	3	4	1	1	2	16	1	2	2	9	1	17	11	33	1	3
1	1	11	2	12	7	2	11	7	1	15	1		13	9		13	3		9	7	14	12	2
1	2	8	3	2	0	2	8	7	1	11	4	1	2	1		19	3		12	4	15	8	11
9	5	10	11	4	8	23	14	8	16	12	10	4	2	10	1	7	9		11	1	76	19	6
2	18	8	6	2	9	12	2	1	7	5	11	2	17	10	1	7	9		17	9	41	11	9
1	14	3	3	1	4	3	19	6	2	11	11	1	6	9		11	6		5	9	18	10	5
1	1	11		12	7	1	4	0	1	3	11		18	2		2	3		3	4	6	13	0
6	17	2	9	9	1	14	4	5	14	18	5	5	19	9	2	19	11	2	7	7	76	17	8
8	10	9	26	6	7	46	10	11	29	18	7	11	5	4							9	11	
3	2	0	4	0	4	6	1	2	3	19	9	2	15	0	2	15	3	1	3	1	163	16	3
19	5		1	1	10	1	6	8	1	2	2		18	1		18	5		14	9	28	11	3
																8	7		9	0	9	19	1
2	13	10	2	11	0	6	8	11	5	1	10	2	11	9	1	13	2		7	7	24	3	7
			4	8		1	9	6		11	3		17	11		3	9		2	7	3	19	7
1	7	6	1	8	11	2	12	5	1	18	9	1	5	0	1	10	6	1	1	8	17	13	2
1	14	2	1	13	7	3	1	9	2	3	1	1	10	5	1	19	8	1	8	8	20	16	8
3	6	5	17	6	5	27	12	7	25	5	3	9	13	7	4	5	2	2	16	9	126	18	11
4	18	5	7	9	5	12	0	9	8	18	4	4	12	11	2	13	1	1	16	6	57	11	0
2	7	8	2	9	1	3	4	3	2	18	7	1	18	7	1	13	3	1	12	7	24	17	2
0	17	9	20	10	5	32	11	6	29	6	5	24	19	8	17	13	11	18	10	10	251	7	1
7	3	10	9	15	6	14	8	9	12	17	8	8	7	7	6	4	3	6	14	3	96	5	6
2	6	8	2	12	6	3	4	4	2	10	8	1	16	5	1	18	7	1	1	8	24	6	6
	9	10		12	9		14	8		14	9		7	4					1	1	3	13	0
2	14	4	3	7	4	4	19	5	4	1	8	2	15	7	2	13	7	1	18	8	33	10	2
1	12	8	1	5	3	1	15	9	1	12	5	1	1	6	1	6	2		19	2	15	19	0
4	15	11	18	12	3	26	4	3	21	7	8	12	15	9	8	14	10	8	4	5	157	3	6
4	3	7	4	18	11	6	16	3	5	13	5	4	16	10	2	11	7	7	9	3	52	16	7
	10	11		16	1		18	7		15	11		13	0		5	7		9	10	6	19	3
1	6	3	2	5	8	3	17	3	2	17	4		19	0		3	6		2	10	13	18	4
4	5	9	4	19	11	7	17	11	6	2	8	4	7	5	2	10	4	1	16	4	45	13	4
7	3					12	0		1	2	7	1	0	4					3	5	3	5	7
												1	7	11	3	5	9	3	12	9	8	6	5
															1	17	0	2	1	4	3	18	4
																12	3	1	3	1	1	15	4
									11	6		1	1	3		9	9		2	0	2	4	6
2	3	9	533	3	6	851	7	3	662	3	5	343	8	2	195	15	2	180	6	5	4193	10	1

WATER METERS.

Meter Readings of the consumption of water supplied by the Bournemouth Gas and Water Co. and the West Hants Water Co. to your Authority are taken every month (166 meters) and a comparative statement submitted each month to the Finance, etc., Committee.

The readings of the meters, 32 in number, at the Schools are taken fortnightly and a comparative statement submitted to the Education Authority.

Wherever a large increase is detected an inspection of the water fittings is always made and a report thereon submitted to the Committee.

Hereunder is a comparative statement of the consumption of water supplied by the Companies to your Authority for the years, 1926 and 1927.

Situation of Meter.	Consumption	
	1926	1927
	Gallons	Gallons
Cabstand, St. Swithun's Road ...	17,400	3,000
Fire Station, Holdenhurst Road ...	56,300	54,100
Cabstand, Madeira Road ...	15,100	16,600
West Gardens Tennis Court ...	5,700	4,600
West Yard ...	105,400	116,900
Wharf Road Depot ...	69,100	63,900
Drinking Trough, Chine Road ...	20,200	11,700
Cabstand, Durley Road ...	2,500	4,900
„ West Cliff Road...	6,800	6,800
„ West Cliff Gardens ...	4,700	3,100
„ Exeter Road ...	1,800	—
West Fire Station ...	15,900	11,200
Mess Room, Westover Gardens ...	6,900	6,200
Engine House, Pleasure Gardens ...	2,900	—
Lansdowne Drinking Trough ...	21,900	35,000
Cemetery, Wimborne Road ...	170,400	101,800
Refuse Destructor ...	683,200	445,700
Alum Chine Cliff Gardens ...	36,600	33,400
Boscombe Gardens, Lawn Tennis ...	25,900	18,800
East Yard ...	586,000	464,800
Cabstand, Adeline Road ...	4,700	4,600
Boscombe Depot ...	111,500	105,900
King's Park ...	487,800	209,100
East Cemetery ...	11,400	87,000
Sanitary Hospital ...	117,700	892,000
Parkwood Road ...	66,700	50,300

	Consumption in 1926	Consumption in 1927
	Gallons	Gallons
Queensland Road	12,400	10,700
Rosebery Road	17,800	8,000
Clarence Park Road	19,100	16,900
Clifton Road	53,400	47,500
Stourwood Road	11,300	10,100
Drinking Trough, Parkwood Road ...	15,600	7,700
Boscombe Cliff Gardens	241,500	265,800
Cabstand, Wharnclyff Road	16,900	10,800
Car Sheds, Southcote Road	334,000	276,800
Mess Room, Southcote Road	92,500	168,900
Boiler House, Generating Station ...	303,000	96,000
Knyveton Gardens	107,700	84,800
Winton Depot	200,100	235,700
Meyrick Park Pavilion and Workshop	116,100	97,900
Gervis Road Drinking Trough	18,400	11,900
Christchurch Road Depot	80,400	78,400
Bowling Green, Meyrick Park	43,300	98,000
West Refreshment Rooms	185,000	253,900
East Refreshment Rooms	253,200	253,000
The Square, for watering Tramlines ...	17,200	13,800
Queen's Park Caddies' Shelter	29,900	16,900
Pokesdown Car Sheds	41,300	37,100
Moordown Car Sheds	117,600	102,000
Queen's Park Golf Pavilion	127,300	127,800
Queen's Park Golf Links	124,100	176,600
Winton Recreation Grounds	153,300	117,600
Boscombe Refreshment Rooms	66,900	55,000
Argyll Gardens	67,100	54,900
Fountain, East Beach	26,800	22,000
Convenience, West Beach	354,100	299,100
Convenience, East Beach	642,700	356,000
Urinal, East Cliff	53,800	50,000
Queen's Park Rifle Range	7,700	4,600
Nursery, King's Park	133,500	110,300
Alum Chine Refreshment Rooms	24,500	15,200
Durley Chine Refreshment Rooms	122,900	82,600
Winton Recreation Pavilion	19,700	25,900
Fountain, Cliff Path, Pokesdown	66,700	57,100
Drinking Fountain, Grand Avenue ...	25,300	18,600
Durley Chine Drinking Post	17,800	16,300
King's Park Bowling Green	84,800	81,300
Pokesdown Fire Station	39,200	39,800
Portman Crescent Cabstand	6,500	2,700
Newstead Road Flushing Tank	32,500	43,200
Bowling Green, Southbourne	29,700	13,200
Law Courts, Stafford Road	172,400	130,200
Undercliff Drive	77,600	189,900
Middle Chine Drinking Post	10,600	15,900
Gervis Road Chair Stand	4,700	5,400
The Rookery Stables	24,100	39,200
King's Park Mess Room	5,900	8,000
Convenience, Undercliff Road	311,500	247,900
Borough Dispensary	2,200	600
Westbourne Convenience	64,300	123,200
Triangle Convenience	112,500	161,400
Ladies' Lavatory, Exeter Lane	383,800	420,800
Winter Gardens	355,000	385,100

	Consumption in 1926	Consumption in 1927
	Gallons	Gallons
Urinals, facing the Pier ...	539,600	669,300
Bournemouth Pier ...	358,200	464,000
" " (Special) ...	62,000	119,000
Westover Road Conveniences ...	614,300	520,400
Firs Glen Conveniences ...	96,600	79,000
Lansdowne Convenience ...	450,700	426,500
Boscombe Gardens Conveniences ...	219,300	219,200
Carnarvon Crescent ...	125,800	106,500
Poole Hill Conveniences ...	133,500	82,200
Durley Chine Conveniences ...	31,300	40,600
Alum Chine Conveniences ...	232,100	284,200
Boscombe Pier ...	340,000	306,900
Lavatories near Cemetery ...	102,600	72,600
Seabourne Road Conveniences ...	62,700	114,400
Durley Road Conveniences ...	18,100	23,200
East Cliff Convenience ...	143,500	163,200
Fisherman's Walk Conveniences ...	166,600	161,200
Holdenhurst Road Convenience ...	76,700	59,100
Alma Road Conveniences ...	77,500	111,400
Boscombe Lawn Tennis ...	198,800	59,100
Charminster Road Conveniences ...	105,600	109,200
Palmerston Road Conveniences ...	402,400	356,800
Fisherman's Walk Gardens ...	175,200	161,200
Avenue Road Convenience ...	358,600	382,100
Richmond Hill Convenience ...	98,200	118,200
Lansdowne Ladies' Lavatory ...	168,200	178,900
Golf Clubs and Caddies' Shelter ...	72,000	195,400
Town Hall ...	685,000	1,564,000
East Beach, Fountains and Convenience ...	236,800	239,200
Bathing Station, West Beach ...	1,600	1,700
Knyveton Gardens, Bowling Green ...	72,900	44,600
East Cliff Hall ...	134,600	94,200
Cricket Pavilion, Meyrick Park ...	124,800	153,500
Tramways Offices ...	72,800	82,300
Flushing Tank, Undercliff Drive ...	470,400	189,900
Carnarvon Crescent Gardens ...	3,100	3,800
Cross Roads Lavatories ...	64,500	70,800
Pleasure Gardens Fountain ...	2,198,600	2,096,200
Municipal Baths ...	827,600	712,300
Talbot Village Allotments ...	14,100	11,700
Southbourne Tennis Courts ...	87,900	62,500
Middle Chine Convenience ...	65,900	22,800
Boscombe Gardens for Lake ...	184,200	388,000
Bourne Avenue Cabstand ...	7,500	3,400
Queen's Hotel ...	18,100	9,800
Gordon Hotel Steps, near ...	10,600	8,200
Talbot Hotel Urinal ...	19,900	15,000
Portman Ravine ...	10,500	13,600
West Beach Lavatories, No. 2 ...	258,700	274,300
East Beach Lavatories, No. 2 ...	262,000	328,000
Bowling Green, Woodland Avenue ...	42,900	156,000
Boscombe Undercliff Drive ...	7,000	22,500
Durley Chine Refreshment Rooms ...	27,400	34,000
Overstrand Tea Rooms ...	173,800	418,400
Chaunticlere, Castle Lane ...	7,600	14,500
Total ...	21,178,000	20,014,400

SANITARY HOSPITAL PATIENTS.

Year ending December, 1927.

Amount received for maintenance of patients	£	s.	d.
	283	15	5
Number of paying patients ...	84		
Number of free cases ...	6		
Total number of cases ...	150		
Average length of residence in the Hospital:—			
Scarlet Fever cases	47.7	days	
Diphtheria cases... ..	31.7	days	
Average amount received per paying patient	£	s.	d.
	3	7	6
Ditto, all cases	1	7	10
Average cost per person per day ...	1	1	$\frac{1}{4}$
Average cost per person per day, including administrative expenses	9	7	$\frac{1}{2}$

STATEMENT OF ACCOUNTS.

	£	s.	d.
Sanitary Inspection Fees	170	2	0
Maintenance of Patients	283	15	5
Disinfection of rooms, bedding and Clothing after Non-Notifiable Disease, including Transport	236	11	8
Cleansing of Sanitary Conveniences, etc., Hotels	20	16	0
Ditto, Public Elementary Schools ...	104	0	0
Cleansing Cab Shelters	109	4	0
Cesspools emptied	7	0	0
Disinfecting Cinemas	10	10	0
Cleansing & Flushing Drain, etc. ...	3	13	0
Checking Meters at Elementary Schools ...	14	0	0
Checking Meters at Royal National Sanatorium and Car Sheds	2	2	0
Disinfectants supplied	14	9	6
Hire of Ambulance	7	11	0
Cleansing passages & right-of-ways ...	12	14	9
Ratcatching, etc., Accounts	107	5	0

SALE OF FOOD AND DRUGS ACTS, 1875-1907.

Inspectors : Mr. W. D. CARTER and Mr. T. PICKERING.

During the year, 500 samples of Food and Drugs were obtained, of which number 375 samples were purchased formally or "taken" in accordance with the provisions of the Acts and 125 samples were purchased informally and submitted as "Test" samples to the Analyst.

Of the formal samples, 10 (2.66 per cent.) and of the unofficial three (2.4 per cent.) were adulterated, whilst 35 (9.33 per cent.) of the official and three (2.4 per cent.) of the unofficial were of poor or doubtful quality.

The proportion of adulterated samples was 2.60 per cent. and the poor or doubtful 8.20 per cent. as compared with 8.22 per cent. adulterated and 10.0 per cent. poor or doubtful during 1926.

Tables showing the various articles analysed during the year, with the results of the analyses, will be found in the Public Analyst's Report, Tables II. and III.

MILK.

One hundred and thirty-seven samples of Milk were officially purchased or taken and submitted to the Public Analyst, who reported adversely upon thirty-one of the samples.

Of the adulterated samples three contained added water, etc.

Twenty-three samples were submitted to the "Gerber Test" by your Inspectors; the whole of the samples were taken from consignments of milk in course of delivery to dairymen in the town. Two of these samples were adulterated.

For the detection of the poorer supplies, and subsequent administration regarding them, these examinations are of increasing utility.

BUTTER.

Thirty-two formal samples of butter were purchased; one was of poor or doubtful quality, and 17 contained preservative.

DRUGS AND PRESCRIPTIONS.

Twenty-three samples of Drugs were sent for analysis, and all were found of satisfactory quality.

PRESERVATIVE AND COLOURING MATTER.

The following Table shows the number of articles which were reported by the Analyst to contain some preservative or colouring matter:—

OFFICIAL SAMPLES.

No. of samples analysed.	Article.	Preservative.	Colouring matter.	Remarks.
24	Sponge Cakes ...	3	1	—
32	Butter ...	17	—	—
4	Preserved Cream ...	4	—	—
28	Sausages ...	3	—	—
5	Lemon Squash ...	4	—	—
4	Lime Juice Cordial ...	4	—	—
—	—	—	—	—
97	—	35	1	—
—	—	—	—	—

UN-OFFICIAL SAMPLES.

No. of samples analysed.	Article.	Preservative.	Colouring matter.	Remarks
4	Preserved Cream ...	4	—	—
8	Jam ...	2	2	—
8	Mincemeat ...	1	—	—
3	Lime Juice Cordial ...	3	1	—
2	Lemon Squash ...	2	1	—
1	Lemon Juice (sweetened) ...	1	—	—
1	Clotted Cream ...	1	—	—
1	Clotted Cream (preserved) ...	1	—	—
1	Butter ...	1	—	—
4	Cheese ...	—	1	—
2	Jelly ...	1	2	—
7	Paste ...	1	—	—
2	Lemon Curd ...	1	—	—
2	„ Cheese ...	1	—	—
1	„ Cup ...	1	—	—
2	Orange Squash ...	2	1	—
—	—	—	—	—
49	—	23	7	—
—	—	—	—	—

LEGAL PROCEEDINGS.

During the year one summons was taken out and conviction followed. The proceedings were instituted in respect of sample reported against by the Analyst.

No. of Sample	Article	Nature and extent of Adulteration	Result of Legal Proceedings	Fine	Costs
52	Milk	25.6 per cent. added water.	Conviction	£3	£1 1s. Analyst Fee.

COUNTY BOROUGH OF BOURNEMOUTH.

PUBLIC HEALTH (MILK AND CREAM)
REGULATIONS, 1912.REPORT UPON ADMINISTRATIVE ACTION: YEAR ENDED
DECEMBER 31st, 1927.1. *Milk and Cream not sold as Preserved Cream.*

Samples.	No. of smpls. examined for Preservatives	No. in which a preservative was found	Nature of Preservative	No. in which a thickening substance was found.
Milk ...	137	—	—	—
Cream...	10	—	—	—
Sep. Milk	11	—	—	—
Clotted Cream	1	1	0.06 per cent Boric acid	—

2. *Cream sold as Preserved Cream and Preserved Clotted Cream.*

Total number of samples examined	...	...	...	9
(a) Number of examinations as to correctness of statements				
on label	...	...	...	9
Sterilized	...	...	...	0
(b) Determination made of Milk Fat above 35 per cent.	...			9
(c) Instances where (apart from analysis) the requirements				
of the Regulations have not been observed	...	...	...	0
Thickening Substances	...	...	...	0
Samples Reported against by the Public Analyst	...	...	...	Nil

RATS AND MICE (DESTRUCTION) ACT, 1919.

During the period under review, one organised campaign has been held and the particulars and results are as follows :—

CAMPAIGN NO. 12.

1	No. of Rats caught	...	...	...	442
2	Applications from Householders, etc.	...	...	...	42
3	No. of Baits applied	...	...	...	6000
4	Visits by Ratcatcher	...	...	...	54

GENERAL REMARKS.

1. The number of rats killed with dogs and ferrets during the year, including the number given above for the 12th Campaign, is 2,332. Allowing that one pair of rats produces 800 in the year, the normal increase has been checked by 932,800 during the year by the use of dogs and ferrets only. It is not possible to calculate the number of rats destroyed by the use of poison baits. With the exception of one or two affected with mange, the rats caught were found to be in a clean, healthy condition.

2. No black rats were found.

3. The Parks, Chines, Cliffs, Pleasure Grounds, Allotments, Piggeries were systematically hunted during the Campaign.

4. The greatest number of rats were caught under fowl houses, pig stys, etc.

5. Special night visits have been made in the larger hotels and stores with good results.

CORPORATION HOUSING SCHEMES.

The Housing Schemes comprise 248 houses and 84 flats, of which 330 were built by contract for the Corporation and two given to the town by the Builders' Guild. Each house contains at least three bedrooms, parlour and offices (including bathroom), and the rent is inclusive except for the water rate.

The following is an analysis of the Scheme:—

Ministry Type.	Description.	Rent	No. of Houses.			
			Southill	Carbery	L.C. Rd.	Ttl.
B	Three-bedroomed houses in pairs ...	12/6	124	16	32	172
B4	Four bedroomed houses in pairs ...	14/-	2	4	—	6
B	Three bedroomed-houses in pairs blocks (4) ...	12/6	28	32	—	60
B4	Four bedroomed-houses (single) ...	15/6	1	3	—	4
B	Three bedroomed-houses (single) ...	14/-	5	1	—	6
	Two bedroomed flats (in blocks of 4) ...	10/6 inc.	20	—	64	84
			180	56	96	332

DISTRIBUTION OF HOUSES.

Southill Estate.

		Houses.	Flats.
Brassey Road	...	29	—
Ripon Road	...	55	20
Clifford Road	...	12	—
Castle Road	...	25	—
Gresham Road	...	4	—
Strouden Road	...	2	—
Shirley Road	...	17	—
Limited Road	...	2	—
Southill Road	...	8	—
Southill Gardens	...	4	—
Portland Road	...	2	—
		160	20
		—	—
	Total		180

Carbery Estate.

Cranleigh Road	...	33	—
Beaufort Road	...	4	—
Watcombe Road	...	2	—
Lingdale Road	...	17	—
		—	—
		56	0
		—	—
	Total		56

Charminster Road Estate.

	32	64	
Total			96
			—
			332
			—

PRESENT ACCOMMODATION.

These three schemes provide accommodation for 390 families, comprising 801 adults and 1,335 children, making a total of 2,136 persons.

The number of houses and flats occupied by one family is 274, and the number of houses with three bedrooms occupied by two families is 53, and with four bedrooms is five.

During the year five cases of sub-letting without permission were ascertained and the sub-tenants were given notice to leave.

DIVISION OF FOUR-BEDROOMED HOUSES.

Four such houses have been adapted so that each may accommodate two families. Two of these are on the Southill and two on the Carbery Estate. The tenant of each part-house is responsible to the Corporation for one-half of the total rent for the house.

SUB-TENANCIES.

On receipt of a written application from the tenant, the Committee have granted permission to sub-let to another family, provided that the sub-tenancy includes a sitting room, a bedroom (with a fireplace therein), joint use of scullery fittings, bathroom and W.C. The sub-tenant is liable for not more than half of the rent and water rate, which is paid direct to the superior tenant. At the end of December, 1927, there were 58 approved sub-tenancies recorded in the Register.

A large number of the houses have been so arranged with separate doors leading into the sculleries to avoid the tenants having to pass through each other's rooms.

SUBSIDY HOUSES.

Particulars as to the inspection made of the above houses under the Schemes adopted by your Authority :—

Class A (definition : No alteration as a dwelling-house without permission).

No. of houses	...	...	45	
No. of householders	...	...	46	(1 house, 2 flats)
No. of houses " sold " and occupied	...	...	14	
No. of houses let	...	...	31	
No. of tenants who sub-let	...	...	6	

Class B (definition : Can let, but not sell without permission).

No. of houses	...	...	92	
No. of tenants	...	...	98	(6 houses are divided into flats)
No. of sub-tenants	...	...	17	
No. of families housed	...	...	115	

Class C (definition : Owner-occupiers).

No. of houses	...	...	420	
No. of owner-occupiers	...	...	410	
No. let with or without permission	...	...	10	
No. of occupiers who sublet rooms	...	...	62	
Total No. of families	...	...	482	

The special conditions relating to the granting of the subsidy for three years have lapsed in 242 cases.

POULTRY KEEPING, ETC.

On receipt of a written application from the tenant or sub-tenant, the Committee has granted permission to keep poultry, provided that the number kept does not at any time exceed five, and that the shed in which they are housed is built in accordance with the standard plan and specification.

At the end of December, 1927, there were 42 poultry runs on the Southill and Charminster Road Scheme, and 43 on the Carbery Estate.

SHEDS OTHER THAN POULTRY SHEDS.

Applications to erect cycle sheds, etc., were generally granted, subject to any conditions imposed by the Housing and Buildings Committee with regard to standard plan and specification.

GENERAL SUPERVISION.

During the year 974 visits have been paid to the Corporation Housing Estates by this Department.

I desire to thank the Chairman and members of the Health Committee, the Heads of other Departments and the staff, both indoor and outdoor, for their loyal and continued support in all matters relating to the sanitary administration of the County Borough during the year.

I remain,

Your obedient servant,

WM. GEO. COOPER.

COUNTY BOROUGH OF BOURNEMOUTH.

ANNUAL REPORT

OF THE

Public Analyst

FOR THE YEAR ENDING 31ST DECEMBER, 1927.

TO THE MAYOR AND TOWN COUNCIL,
BOURNEMOUTH.

Mr. Mayor and Gentlemen,

I have pleasure in sending my Report upon the Samples of Food and Drugs submitted to me during the year 1927.

The total number received was 500, three fourths of which were official samples taken under the Acts, and one fourth unofficial or informal samples.

The adulterated official samples numbered 10, i.e., 2.66 per cent., and those of poor or doubtful quality 35, i.e., 9.33 per cent. ; of the informal samples three or 2.4 per cent. were adulterated and 6, i.e., 4.8 per cent. of poor or doubtful quality. By reference to Table I. it will be seen that these figures compare very favourably with those of former years ; the proportion of adulterated samples being considerably lower than in any previous year.

Table I. Comparison with previous ten years :

TABLE I.

Year.		Adulterated.	Poor or Doubtful.
1917	official	14.9 per cent.	11.8 per cent.
"	unofficial	14.0 "	10.0 "
"	total	14.7 "	11.43 "
1918	official	13.80 "	21.30 "
"	unofficial	9.80 "	9.80 "
"	total	12.90 "	18.60 "
1919	official	11.2 "	16.4 "
"	unofficial	10.0 "	10.0 "
"	total	10.85 "	14.57 "
1920	official	7.54 "	9.71 "
"	unofficial	18.33 "	13.33 "
"	total	10.80 "	10.80 "
1921	official	3.06 "	9.18 "
"	unofficial	9.43 "	4.71 "
"	total	4.75 "	8.00 "
1922	official	7.33 "	12.00 "
"	unofficial	18.00 "	9.00 "
"	total	10.00 "	11.25 "
1923	official	6.80 "	12.58 "
"	unofficial	3.77 "	11.32 "
"	total	6.00 "	12.25 "
1924	official	5.94 "	11.88 "
"	unofficial	5.26 "	3.51 "
"	total	5.75 "	9.50 "
1925	official	6.88 "	8.52 "
"	unofficial	12.00 "	7.00 "
"	total	8.14 "	8.14 "
1926	official	9.62 "	10.86 "
"	unofficial	4.68 "	7.81 "
"	total	8.22 "	10.00 "
1927	official	2.66 "	9.33 "
"	unofficial	2.40 "	4.80 "
"	total	2.60 "	8.20 "

Tables II. and IV. and III. and V. show in detail the results obtained with the official and unofficial samples respectively.

TABLE II.

Summary of Annual Report, 1927. Three hundred and seventy-five official samples :—

Nature of Sample.	Examined	Genuine	Poor or Doubtful	Coloured	Containing Preservative	Adulterated	Percentage Adulterated
Milk ...	137	106	27	—	—	4	2.91
Separated Milk ...	10	9	—	—	—	1	10.0
Cream ...	4	4	—	—	—	—	—
Preserved Cream ...	4	4	—	—	4	—	—
Skimmed Milk ...	1	1	—	—	—	—	—
Butter ...	32	31	1	—	17	—	—
Margarine ...	12	12	—	—	—	—	—
Lard ...	6	6	—	—	—	—	—
Cheese ...	10	10	—	—	—	—	—
Bacon ...	9	9	—	—	—	—	—
Sausages ...	28	28	—	—	3	—	—
Dripping ...	8	7	—	—	—	1	12.5
Malt Vinegar ...	8	7	1	—	—	—	—
Vinegar ...	1	1	—	—	—	—	—
Self Raising Flour	22	21	—	—	—	1	4.54
Pearl Barley ...	9	9	—	—	—	—	—
Sponge Cakes ...	24	23	—	1	3	1	4.16
Rice ...	9	9	—	—	—	—	—
Lemon Squash ...	5	4	1	—	4	—	—
Lime Juice Cordial	4	3	—	—	4	1	25.0
Glauber's Salt ...	6	6	—	—	—	—	—
Epsom Salts ...	6	6	—	—	—	—	—
Ground Ginger ...	6	4	2	—	—	—	—
Ground Nutmeg ...	1	—	1	—	—	—	—
Ground Cloves ...	3	2	—	—	—	1	33.3
Ground Mace ...	3	1	2	—	—	—	—
Ground Cinnamon...	4	4	—	—	—	—	—
Ground Almonds ...	1	1	—	—	—	—	—
Mixed Spice ...	2	2	—	—	—	—	—

TABLE III.

Summary of Annual Report, 1927. One hundred and twenty-five unofficial samples :—

Nature of Sample	Examined	Genuine	Poor or Doubtful	Coloured	Containing Preservative	Adulterated	Percentage Adulterated
Cream	6	4	2	—	—	—	—
Preserved Cream ...	4	4	—	—	4	—	—
Clotted Cream ...	1	—	—	—	1	1	100.0
Preserved Clotted Cream	1	1	—	—	1	—	—
Condensed Milk ...	6	5	1	—	—	—	—
Butter	1	1	—	—	1	—	—
Margarine	1	1	—	—	—	—	—
Cheese	4	4	—	1	—	—	—
Jam	8	8	—	2	2	—	—
Jelly	2	2	—	2	1	—	—
Mincemeat	8	8	—	—	1	—	—
Paste	7	7	—	—	1	—	—
Sausages	8	8	—	—	—	—	—
Lemon Curd	2	2	—	—	1	—	—
Lemon Cheese	2	2	—	—	1	—	—
Chicken & Ham Roll	1	1	—	—	—	—	—
Green Peas	1	1	—	—	—	—	—
Pepper	6	6	—	—	—	—	—
Cocoa	6	6	—	—	—	—	—
Coffee	3	3	—	—	—	—	—
Coffee Essence ...	2	2	—	—	—	—	—
Coffee & Chicory Essence ...	1	1	—	—	—	—	—
Apples	14	10	3	—	—	1	7.14
Crumpet	1	1	—	—	—	—	—
Rennet	1	1	—	—	—	—	—
Junket Powder ...	1	1	—	—	—	—	—
Sweetened Lemon Juice ...	1	1	—	—	1	—	—
Lemon Squash ...	2	2	—	—	2	—	—
Lemon Cup	1	1	—	—	1	—	—
Orange Squash ...	2	2	—	1	2	—	—
Lime Juice Cordial	3	2	—	1	3	1	33.23
Olive Oil	4	4	—	—	—	—	—
Cream of Tartar ...	5	5	—	—	—	—	—
Tartaric Acid ...	5	5	—	—	—	—	—
Citric Acid	1	1	—	—	—	—	—
"Icefoam" Crystals	1	1	—	—	—	—	—
Cochineal	1	1	—	—	—	—	—
Mixed Spice	1	1	—	—	—	—	—

TABLE IV.

Adulterated Official Samples :—

No.	Nature of Sample.	Nature of Adulteration.	Observations.
31	Ground Cloves	Not less than 20 per cent. Mother Cloves.	
51	Separated Milk		Results of analysis, Fat 2.86 per cent. Solids-not-Fat 8.58 per cent. Consisted of ordinary milk deficient in Fat to the extent of 4.66 per cent. If regarded as separated milk it contained 1.3 per cent. added water.
52	Milk	25.6 per cent. added water.	
76	Sponge Cakes ...	0.28 per cent. Boric Acid.	
191	Self Raising Flour	Acid Calcium Phosphate Powder contained 13 per cent. Calcium Sulphate.	
212	Lime Juice Cordial	Salicylic Acid 400 parts per million.	
222	Milk	5.17 per cent. added water and in addition was deficient in Fat to the extent of 4.9 per cent.	
266	Milk	3.2 per cent. added water.	
280	Beef Dripping ...	Acidity as Oleic Acid 3.29 per cent.	Should not exceed 2.0 per cent.
360	Milk	6.6 per cent. deficient in Fat.	

TABLE V.

Adulterated Unofficial Samples :—

No.	Nature of Sample.	Nature of Adulteration.	Observations.
19	Apples	1/65 grain of Arsenic per pound of Apples.	
58	Lime Juice Cordial	135 parts per million Salicylic Acid.	Salicylic Acid now prohibited as a preservative.
67	Clotted Cream ...	0.06 per cent. Boric Acid.	

There is very little in these results which calls for special comment, the principal item being the incidence of the recent Regulations re Preservatives

in Food, reference to which is made in several notes below, the general result is to show that traders in the Borough have already very largely come into line with the legal requirements.

MILK.

Excluding the four adulterated samples, the remaining 133 samples have yielded the following average proportions of Fatty and Non-Fatty-Solids.

		No. of Samples.	Fat per cent.	Solids-not- Fat per cent.
1st Quarter...	...	38	3.56	8.81
2nd ,, ...	...	32	3.51	8.90
3rd ,, ...	...	31	3.50	8.84
4th ,, ...	...	32	3.96	9.00
Whole twelve months	...	133	3.63	8.88

These proportions are very nearly those generally accepted as the average for genuine Milk.

In no case was any preservative detected.

BUTTER.

Of 33 samples Boron preservative was found in 18 ; from January 1st, 1928, this has been prohibited, no preservative other than Common Salt being allowed.

SAUSAGES.

Of 36 samples only three contained preservative, viz., Sulphur Dioxide in the proportion of 82, 124 and 343 parts per million.

SPONGE CAKES.

Of 24 official samples, three contained Boric Acid, two only in mere traces, but one to the extent of 0.28 per cent., this was almost certainly due to the use of Preserved Eggs containing nearly one per cent. of Boric Acid.

CORDIALS AND SYRUPS.

Of 18 samples of various Cordials, etc., one Lime Juice Cordial contained 400 parts of Salicylic Acid per million, and another 135 parts per million. Salicylic Acid is now prohibited as a preservative; with one exception all the remaining samples were preserved with Sulphurous Acid or Benzoic Acid. One sample of Lemon Squash was of doubtful purity, being low in acidity (1.36 per cent. Citric Acid) and containing Benzoic Acid 610 parts per million. It is important that all vendors of these goods should know that the only preservatives allowed under the Preservatives Order of 1925 are Sulphurous and Benzoic Acids in quantities below specified proportions, viz., 350 and 600 parts per million respectively.

APPLES.

Fourteen samples were examined for Arsenic, which was detected in six, the amount varying from 1/1000 grain to 1/65 grain per pound; only one sample contained more than 1/100 grain per pound.

SELF-RAISING FLOUR.

Twenty-two samples were received. For six of these Acid Phosphate of Calcium was used, for 10 Acid Phosphate of Sodium and for five Cream of Tartaric Acid, and for one both Tartaric Acid and Acid Phosphate of Sodium. The chemicals used were free from Arsenic and in one case only did the proportion of Calcium Sulphate exceed the accepted maximum of 10 per cent. of the Phosphate Powder used. By comparison with the excessive proportions (sometimes 30-70 per cent.) in the early years of this century this is very satisfactory.

RICE.

Nine formal samples were all found to be polished by use of Liquid Paraffin, there appears to be no objection to this practice, provided the Paraffin used is tasteless. No sample contained Talc which has been largely used for "facing" in former years.

SPICES.

In all 26 samples were taken, viz., Pepper six, Ginger six, Cinnamon four, Cloves three, Mace three, Nutmeg one and Mixed Spice three. Of these 20 were of satisfactory character, one sample of Ground Cloves was adulterated with at least 20 per cent. of "Mother Cloves," i.e., the seed pods of the plant, these being very deficient in the Aromatic Oil to which the flavour of Cloves is due. The sample of Ground Nutmeg and two of those of Ground Mace were of poor quality, probably owing to loss of Essential Oil by keeping, and two samples of Ground Ginger were also of doubtful quality, the proportions soluble in water and spirit were low, although genuine Ginger is occasionally found to give similar figures.

DRUGS

Of 23 samples, viz., six each of Epsom and Glauber's Salt, five each of Cream of Tartar and Tartaric Acid, and one of Citric Acid, all were of satisfactory quality.

I am,

Mr. Mayor and Gentlemen,

Your obedient Servant,

R. A. CRIPPS.