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Worthing Rural District



ANNUAL REPORT
OF THE
Medical Officer of Health
FOR THE YEAR

1947

BY
ROBERT HEYWOOD WILSHAW
M.D., M.R.C.P., D.P.H.

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WORTHING RURAL DISTRICT COUNCIL

10 BULKINGTON AVENUE,
WORTHING.
June, 1948.

LADIES AND GENTLEMEN,

I beg to submit to you my Annual Report for the year 1947, which has been compiled in accordance with the requirements of Circular 170/47 issued by the Ministry of Health on the 31st December, 1947.

The rates for 1947 as compared with the average rates for the past ten years are as follows :—

	<i>Average</i> 1937-46	1947
Birth rate per 1,000 population	... 15.7	17.8
Death rate per 1,000 population	... 13.3	13.9
Infantile Mortality rate per 1,000 births...	... 41	41

These rates have been calculated on the estimated resident population supplied to me by the Registrar General for the mid-year 1947.

The various mortality rates of the district during the past year as compared with the corresponding rates for England and Wales and the urban and rural districts of West Sussex are shown in a comparative table on page 3.

I am, Ladies and Gentlemen,
Your obedient Servant,

ROBERT HEYWOOD WILSHAW.

To the Chairman and Members of the
Worthing Rural District Council.

NATURAL AND SOCIAL CONDITIONS OF THE DISTRICT.

The Worthing Rural District lies between Shoreham on the East and Littlehampton on the West, extending northwards from the sea on the south to the range of downs which stretches from Amberley to the River Adur. The northern half of the district is devoted to agriculture; south of the downs market gardening is extensively carried on. Apart from agriculture the only industries are the Southern Railway Company's coach-building works at Lancing and important engineering works on the bank of the river close to Old Shoreham Bridge.

GENERAL STATISTICS.

Area (acres), 29,779.

Resident Population (1947) estimated by Registrar-General, 27,460.

No. of inhabited houses end of 1947, according to Rate Books, 9,653.

Rateable Value (1947), £295,049.

Sum represented by a 1d. rate, £1,138.

EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

Live Births :—	Total	M.	F.	
Legitimate ...	449	213	236	Birth Rate per 1,000 of the estimated resident population 17.8.
Illegitimate ...	41	18	23	
Stillbirths ...	10	6	4	Rate per 1,000 total (live and still) births, 20.0.
Deaths ...	382	193	189	Death Rate per 1,000 of the estimated resident population, 13.9.

Deaths from diseases and accidents of pregnancy and childbirth :—

From sepsis, none. From other causes, none.

Death Rate of Infants under one year of age :—

All Infants per 1,000 live births, 41.

Legitimate Infants per 1,000 legitimate live births, 31.

Illegitimate Infants per 1,000 illegitimate births, 146.

Deaths from Cancer (all ages), 66.

Deaths from Measles (all ages), None.

Deaths from Whooping Cough (all ages), None.

Deaths from Diarrhoea (under 2 years of age), 3.

COMPARATIVE STATISTICS, 1947.

			<i>England and Wales.</i>	<i>West Sussex Urban.</i>	<i>Rural.</i>	<i>Worthing R.D.</i>
Birth Rate	...	...	20.5	17.6	19.3	17.8
Death Rate	...	...	12.0	15.2	12.2	13.9
Infantile Death Rate	...	...	41	30	33	41
Pulmonary Tuberculosis						
Death Rate	...	...	0.47	0.35	0.38	0.41
Zymotic Death Rate	...	...	—	0.06	0.08	0.15
Cancer Death Rate	...	...	1.9	2.5	1.9	2.4
Maternal Mortality, Rate per 1,000 births	...	...	1.17	0.7	0.0	0.0
Scarlet Fever—Incidence Rate per 1,000 popula- tion	...	...	—	—	—	1.2
Diphtheria — Incidence Rate per 1,000 popu- lation	...	...	—	—	—	0.0
Enteric Fever—Incidence Rate per 1,000 popu- lation	...	...	—	—	—	0.04

Infantile Mortality.

The causes of death and the ages of the 20 children who died under one year of age are as follows :—

	<i>Cause of Death.</i>		<i>Age.</i>	<i>Sex.</i>
1.	Gastro-enteritis	...	1 month.	M.
2.	Pulmonary Atelectasis	...	16 hours.	M.
	Internal hydrocephalus (Post Mortem)			
3.	Prematurity	...	1 hour.	M.
4.	Congenital hydrocephalus	...	7 months.	M.
5.	Gastro-enteritis	...	2 months	M.
6.	Prematurity	...	5 hours.	M.
7.	Icterus gravis	...	2 days.	M.
	Rh. negative mother			
8.	Terminal broncho-pneumonia		1 month.	M.
	Right-sided cardiac failure Atelectasis of left lung. (Post Mortem)			
9.	Lobar Pneumonia	...	5 months.	M.
10.	Atelectasis	...	1 day.	M.
11.	Congenital heart	...	6 days.	M.
	Prematurity			
12.	Prematurity	...	2 weeks.	M.
13.	Prematurity	...	1 hour	M.

	<i>Cause of Death</i>	<i>Age</i>	<i>Sex</i>
14.	Marasmus Spina Bifida Hydrocephalus	2 months.	M.
15.	Cerebro-spinal Meningitis ...	10 months.	F.
16.	Rupture of wound after operation for congenital hypertrophic stenosis of pylorus ...	1 month.	F.
17.	Inanition Prematurity.	4 days.	F.
18.	Stenosis of pulmonary artery Patent interventricular septum (congenital). (Post Mortem).	1 month.	F.
19.	Gastro-enteritis Prematurity.	2 months.	F.
20.	Prematurity (Twin Pregnancy).	1 week.	F.

Exceptional Sickness.

No special causes of sickness or invalidity have evidenced themselves during the past year.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

The Public Health Staff consists of the Medical Officer of Health (who is also Medical Officer of Health for the West Sussex (Southern) United (M.O.H.) Districts), the Chief Sanitary Inspector (Mr. E. T. Oates) and three Additional Sanitary Inspectors (Mr. K. C. Davis, Mr. D. Heathcote and Mr. B. Rossiter).

Professional Nursing in the Home.

(a) GENERAL. There is a district nurse employed by the Local Nursing Committee, representing one or more parishes, affiliated to the West Sussex County Nursing Association in each of the following parishes :—

Lancing, Coombes, 2 nurses.

Sompting, 2 nurses.

South Stoke (jointly with Arundel), 1 nurse.

Findon, 1 nurse.

Houghton (jointly with Bury), 1 nurse.

Angmering, Rustington, East Preston, Clapham, Patching,
2 nurses.

Ferring, Kingston, 1 nurse.

Lyminster (jointly with Littlehampton), 3 nurses.

Burpham, Warningcamp and Poling, 1 nurse.

(b) **FOR INFECTIOUS CASES.** An arrangement has been made with the West Sussex County Nursing Association for the nursing of Measles, German Measles, and Pneumonia by the District Nurses in the various parishes.

Grants are made by the County Council to the County Nursing Association for various nursing services including Child Welfare Work, School Nurses' Work, "Tuberculosis" health visiting, and as subsidies to provide Nurse-Midwives in areas which would otherwise be without one.

Midwives.

There are 22 midwives practising in the Worthing Rural District as follows :—

District Nurses.

- 2, Lancing.
- 1, Angmering.
- 1, Rustington.
- 1, Kingston and Ferring,
resident at Goring.
- 4, Sompting, resident in
Worthing.
- 1, Houghton and N. Stoke,
resident in Chancton-
bury.
- 1, Findon.
- 1, Warningcamp.
- 2, Lyminster, resident in
Littlehampton.

Private Midwives,

- 2 resident in Lancing.
- 3 resident in Worthing, practising in Sompting and Lancing.
- 3 resident in Littlehampton, practising in Lyminster.

Clinics and Treatment Centres.

Maternity and Child Welfare Centres.

The County Council provides Centres at Littlehampton and Arundel. Meetings are held at Littlehampton Health Centre on Tuesdays and Thursdays at 2.30; at Granville House, Maltravers Street, Arundel, on Tuesdays at 2.30. These centres are accessible to some of the residents of the rural parishes adjoining these urban areas.

The County Council also hold the following Centres within the district :—

- Village Hall, Findon, monthly on Thursdays at 2.30 p.m.
- Health Centre, Lancing, weekly on Fridays at 2.30 p.m.
- Village Hall, Rustington, weekly on Wednesdays at 2.30 p.m.

Ante-Natal Clinics,

- Ante-Natal Clinics are held by the County Council as follows :—
- Health Centre, Lancing, fortnightly on Tuesdays at 2.30 p.m.
- Village Hall, Rustington, monthly on Wednesdays, 2.30 p.m.

School Clinics.

The following Clinics held by the County Council are available for children resident in the district :—

Minor Ailment Clinics, Eye Clinics, and Dental Clinics are held at Littlehampton Health Centre, Lancing Health Centre and Shoreham-by-Sea Health Centre.

Orthopaedic Clinics are held at Lancing Health Centre and Chichester Health Centre.

Speech Therapy Clinics are held at Lancing Health Centre, Shoreham-by-Sea Health Centre and Chichester Health Centre.

Ear Clinics are held from time to time at the Sussex Throat and Ear Hospital, Brighton, and appointments are made for children suffering from ear disease to attend.

Children suffering from enlarged tonsils and adenoids are treated at the Sussex Throat and Ear Hospital, Brighton.

Tuberculosis Clinic.

A Dispensary is held at Worthing Hospital every Monday at 10.30 a.m. which is available to all residents in the Worthing Rural District. Appointments are made through the County Medical Officer, County Hall, Chichester.

Venereal Disease.

The West Sussex County Council have made arrangement, entitling residents in the County suffering from Venereal Disease to attend free of cost, the Venereal Clinics held either at Worthing Hospital on Wednesdays, women 2—4, men 4.30—5.30; Fridays, women 3—5, men 5.30—6.30; or at St. Mary's Hospital, Portsmouth, for men on Tuesdays and Thursdays, 10 a.m. to 12 noon and 5 p.m. to 7 p.m.; and for women on Mondays, 5 p.m. to 7 p.m., Wednesdays, 2 p.m. to 4 p.m., Fridays, 10 a.m. to 12 noon.

Hospitals provided by or Subsidised by the Local Authority or by the County Council.

1.—TUBERCULOSIS.

i. Aldingbourne House Sanatorium, near Chichester, the property of the West Sussex County Council, 66 beds for adults.

ii. A Tuberculosis Ward (12 beds) at the Worthing Isolation Hospital, Swandean, under the control of the West Sussex County Council.

iii. The West Sussex County Council send patients suffering from Surgical Tuberculosis either to St. Richard's Hospital, Chichester, the Lord Mayor Treloar Hospital and College, Alton, Hampshire, the London Chest Hospital, or to the Royal Sea Bathing Hospital, Margate.

2.—MATERNITY.

The West Sussex County Council send patients to :—

- (1) The Sussex Maternity and Women's Hospital, 79-80, Buckingham Road, Brighton, for the reception of abnormal cases.
- (2) The East Sussex County Council for the reception of normal cases at Southlands Hospital, Shoreham-by-Sea, when the home conditions are unsatisfactory.
- (3) The Worthing Hospital for the reception of abnormal and other cases in the Maternity Home.
- (4) Zachary Merton Maternity Home, Rustington.
- (5) St. Richard's Hospital, Chichester (emergency cases only).

3.—CHILDREN.

The West Sussex County Council send sick children either to the Royal Alexandra Hospital for Sick Children, Dyke Road, Brighton, or to Southlands Hospital, Shoreham-by-Sea.

4.—FEVER.

The Council have no Isolation Hospital, but patients who cannot be nursed at home are removed either to Swandean Isolation Hospital, Worthing, or to Hove Isolation Hospital.

4.—SMALLPOX.

The West Sussex County Council have arranged for the Isolation of cases of Smallpox at the Brede Isolation Hospital, Rye, E. Sussex.

Ambulance Facilities.

(a) FOR INFECTIOUS CASES. When an infectious case is removed to the Isolation Hospital, the Hove Corporation ambulance is used for removal.

(b) FOR NON-INFECTIOUS AND ACCIDENT CASES. The Worthing Rural District is served by the following ambulances :—

Four motor ambulances belonging to the Worthing Division of the St. John Ambulance Brigade.

The motor ambulance belonging to the Littlehampton Division of the St. John Ambulance Brigade.

The motor ambulance belonging to the Arundel Detachment of the British Red Cross Society.

LEGISLATION IN FORCE.

No Local Acts, Special Orders, General Adoptive Acts or Byelaws relating to the public health have come into force during 1947.

PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

The tables below show the total number of notifications received during the year, and the distribution as to time and place of those relating to Scarlet Fever.

			Total Cases Notified.	Cases admitted to Hospital	Total Deaths.
Scarlet Fever	...	...	34	28	0
Measles ...	...	...	63	0	0
Whooping Cough	...	...	77	0	0
Pneumonia	...	...	8	0	16
Enteric Fever	...	...	1	1	0
Erysipelas	...	...	1	0	—
Ac. Poliomyelitis	...	...	8	8	0
Polioencephalitis	...	...	1	1	0

The above figures include notifications received in respect of an Institution in the District, as follows :—

Allangate Nursery, Rustington (West Sussex County Council).				
Scarlet Fever	...	...	...	12

The ages of the cases notified were as follows :—

	Under 1 yr.	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65
Scarlet Fever	—	5	2	4	4	15	2	2	—	—	—	—
Measles	—	7	10	6	13	20	6	—	1	—	—	—
Whooping Cough	5	8	9	8	10	35	1	—	—	1	—	—
Pneumonia	2	—	—	—	1	—	—	—	—	1	1	3
Enteric Fever	—	—	—	—	—	—	—	—	1	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—	1	—
Ac. Poliomyelitis	—	—	—	1	—	2	1	1	1	1	—	1
Polioencephalitis	—	—	—	—	—	—	1	—	—	—	—	—

Scarlet Fever.

The cases of Scarlet Fever occurred during the year as follows:

	Jan.	Feb.	Mar.	Apl.	May	Aug.	Oct.	Nov.	Dec.
Rustington	12	2	—	1	—	—	—	—	—
Lancing	1	1	3	1	3	2	1	1	1
Sompting	1	—	1	1	—	—	—	—	1
Houghton	—	—	—	—	—	—	1	—	—

Diphtheria.

No case of Diphtheria was notified during the year.

Diphtheria Immunisation.

Diphtheria Immunisation has again been carried out during the year by the County Council. At the end of the year the position was as follows :—

	Estimated Population mid-year 1947.	Total number of Children immunised.
Under 5 years of age ...	2,400	896
5—14 years of age ...	3,510	2,723

In addition, 128 children received a third reinforcing dose.

Poliomyelitis.

There were rather more cases of Poliomyelitis than usual, but this was part of the general prevalence throughout the country. All the cases except one occurred in August and September. It is perhaps interesting to note that two of the cases were in the same family, namely, a mother and son.

Scabies.

During the year, 21 cases of Scabies were brought to the notice of the Public Health Department, namely :—

7 Adults.

11 School Children.

3 Children under school age.

The cases were treated with Tetmosol with satisfactory results. Clothes and bedding were disinfected by washing or hot ironing.

Laboratory Work.

The following figures indicate the use that has been made of the facilities available for the examination of pathological specimens :—

	Total	Positive	Negative
Throat Swabs (Diphtheria) ...	14	0	14
Throat Swabs (Haemolytic Streptococci) ...	4	0	4
Faeces (Dysentery) ...	1	0	1

PUBLIC HEALTH (Prevention of Tuberculosis) REGULATIONS, 1925.

It has not been necessary to serve any notice under these Regulations, which prevent persons suffering from Tuberculosis taking part in the production of milk.

PUBLIC HEALTH ACT, 1936. Section 172.

No action has had to be taken by the Council under this Section, which empowers Sanitary Authorities in special cases to apply for a Magistrate's Order to remove tuberculous persons to an institution for isolation.

TUBERCULOSIS.

New Cases and Mortality during 1947.

Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	—	—	—	—	—	—
5	—	—	1	—	—	—	—	—
10	—	1	—	—	—	—	—	—
15	—	—	—	—	—	1	—	—
20	—	—	—	—	—	—	—	—
25	3	1	—	—	—	1	1	—
35	2	4	—	—	—	4	—	—
45	1	1	—	—	1	2	—	—
55	—	—	1	—	—	—	—	—
65 and upwards	2	1	—	—	1	1	—	—
Totals	8	8	2	—	2	9	1	—

No persons were certified as dying from pulmonary tuberculosis who had not been notified during life.

SANITARY CIRCUMSTANCES OF THE AREA.

1. Water Supply.

(a) Ten of the Parishes in the District have Public Mains Water Supply, the remaining seven Parishes have piped supplies to a varying extent from private sources.

Copies of Reports on Water Analysis.

28 samples of water were sent for analysis and examination during the year—4 chemical and 24 bacteriological. These were from Public Supplies, owned by Private Companies, and from individual supplies at dwelling-houses. All Public Mains Supplies from Brighton, Arundel, Littlehampton and Worthing Local Authorities are chlorinated.

RESULTS OF SAMPLES FROM PUBLIC SUPPLIES :—

	<i>Satisfactory.</i>	<i>Not Satisfactory.</i>
Arundel Estates Supply ...	3	1
Kingston Estate Supply ...	1	0
Rustington Sea Estate Supply ...	1	0
Brighton Corporation ...	1	0
Worthing Corporation (Broadwater Well) ...	2	0
Patching Well ...	1	0

The remaining samples were taken from individual Wells and were unsatisfactory. The necessary action was taken either to render the supply wholesome, or alternatively close the Well and cause Mains Water to be laid on to the premises.

(b) Water Supplies and Sewerage Act, 1944, and Water Act, 1945.

With reference to the Report made in 1944 on the state of small private water supplies throughout the District, the Council have given instructions that a scheme be prepared for providing satisfactory water supplies to all small localities affected by that report, and work on this scheme is proceeding slowly.

The following table gives details of the water supply in each parish :—

WATER SUPPLIED :—

PARISH	(a) Direct to house	Popula- tion	(b) By means of stand- pipes	Pop.	(c) Wells	Pop.
Angmering ...	610	1791	—	—	20	58
Burpham ...	66	194	—	—	9	26
Clapham ...	89	266	—	—	8	23
Coombes ...	12	36	—	—	11	32
East Preston ...	668	2003	—	—	31	90
Ferring ...	752	2214	—	—	52	151
Findon ...	361	1054	—	—	11	32
Houghton ...	38	116	—	—	6	17
Kingston... ...	84	251	—	—	21	61
Lancing ...	4027	11817	—	—	15	43
Lyminster ...	92	170	—	—	10	29
Patching ...	63	178	—	—	14	41
Poling ...	51	152	—	—	9	26
Rustington ...	1272	3714	—	—	39	113
Sompting ...	1123	3317	—	—	43	126
South Stoke ...	19	19	—	—	8	23
Warningcamp ...	53	156	—	—	3	19
Total ...	9380	27,448	—	—	310	910

The water is not likely to have plumbo-solvent action.

2. DRAINAGE AND SEWERAGE.

(a) Western Area.

The sewerage system serving the Parishes of East Preston, Angmering, Rustington, Kingston and Ferring, discharges to the sea through storage tanks at Kingston at suitable periods of the ebb tide at a point 500 yards below high water mark. The system functioned satisfactorily throughout the whole of the year.

(b) Eastern Area.

The sewerage scheme at Lancing has again functioned satisfactorily; in this case sewage is pumped to the disposal works of the Borough of Worthing for treatment, and is discharged by way of their outfall to the sea.

(c) There have been no important additions to the sewerage and sewage disposal systems in the District during the year, but a sewerage scheme is prepared for the Parish of Sompting, and only awaits Ministerial permission before the works of construction are commenced.

PUBLIC CLEANSING.

(a) House Refuse.

During the past year it has been possible to re-institute the weekly collection of house refuse, largely owing to the Council having been able to obtain a new fleet of refuse collection vehicles. Similarly the number of collections has been increased in the outlying Parishes to two a month. The Council undertakes both collection and disposal by direct labour.

Disposal is by controlled tipping at Refuse Tips situated respectively at Rustington and Sompting. At the latter place the new Tip and Salvage Depot is now in full and satisfactory operation.

During the year every effort has been made to salvage all possible material which would be of use for the National Effort.

(b) Cesspools.

There is, outside the sewered area, public scavenging of cesspools at Lancing, and a limited public scavenging twice per annum for the outlying houses in the remaining Parishes of the District.

The work is undertaken by direct labour, an 800 gallon mechanically driven tanker being used for collection. The sewage collected is discharged into sewers at suitable points. In the outlying Parishes disposal is by discharge on to arable land.

During the past years small experiments have been made in the supply of cesspool sludge to various Market Gardeners and other Growers in the District, for use as manure. These experiments have proved that where cesspool sludge is used in the later months

of the year and ploughed into the ground, exceptional crops result. The use of this sludge has been restricted to crops other than root crops. During the past year considerable study has been given to this subject and various documentary evidence has been analysed with relation to the use of habitation wastes for the propagation of growing crops of all kinds.

In particular, regard has been had to the possibility of the utilisation of sewage sludge from cesspools for the manufacture of composts, using for the purpose surplus straw on the one hand and pulverised refuse, together with straw on the other hand, in an endeavour to produce a fairly quick acting organic manure.

This interest has been stimulated by requests from one new Smallholder in the District, and one very large Firm of Market Gardeners. With respect to the former, owing to the fears held by the Council that nuisance would result from the use of cesspool sludge for composting purposes a comprehensive investigation was made into the matter and, in addition, advice was sought from the Rothamstead Experimental Station at Harpenden, Herts. The information I obtained from this source was to the effect that provided the conditions necessary for the preparation of good composts, that is to say, even and rapid heating to a high temperature, were maintained for some weeks, then there would be little possibility of the survival of any pathogens present in the original materials, and further, the possibility of fly nuisance arising from the manufactured composts would be dependent upon the same conditions, the construction of the original heaps and the times and frequency of turning.

Subject to compliance with these conditions it was held that little nuisance of any kind would arise.

Upon consideration of the above information, together with that derived from my own consideration of the problem, I reported to the Council that I had no hesitation in stating that there would be no danger from the possible spread of disease, that fly nuisance would not arise, and that there would be no smell, providing the correct methods of manufacture were carried out.

I am of opinion that this method of utilisation of habitation wastes from cesspools should be extended as far as possible within the limits of supply, and am pleased to be able to report that to date no nuisance has arisen, although 312 loads, equal to 279,000 gallons of cesspool sludge, have been used.

(c) Rivers and Streams.

It has not been found necessary for any action to be taken in respect of pollution of rivers and streams in the area.

**ANNUAL REPORT of the CHIEF SANITARY INSPECTOR on
SANITARY INSPECTION of the AREA—1947.
HOUSING ACTS.**

It is hardly necessary for me to report that there exists throughout the District, a considerable shortage of houses available for persons in need of housing accommodation, and although every effort has been made by the Council to provide housing accommodation, the situation has deteriorated since last year, and I am indebted to the Housing Manager for the information set out below, which amply illustrates these points.

Total number of applicants on waiting list for houses at 31st December, 1947	847
Total number of applications received during 1947	228
Total number of families re-housed during 1947 ...	132
Number of houses at present held under requisition- ing by Council at 31st December, 1947. ...	57
Number of families re-housed therein at 31st December, 1947	61
Number of other dwellings, Army Huts, etc., re- quisitioned, and number of families re-housed therein.	18

So far as the Council's Housing Programme for the future is concerned, the Surveyor of the Council has informed me that up to 31st December, 1947, Tenders have been accepted for the erection of the following :—

Traditional Houses :

Worthing R.D.C.	64
Private Builders Scheme	78
"Wates" Prefabricated type	48
Temporary Prefabricated type house.	18
Total	<hr/> 208 <hr/>

I am also indebted to the Surveyor for the following information respecting houses built during the past year :—

HOUSING STATISTICS.
NUMBER OF NEW HOUSES ERECTED DURING 1947.

PARISH.	<i>Total.</i>	Private Enterprise	With State Assistance under Housing Acts.	
			By Local Authority.	By other bodies or persons.
Angmering ...	14	2	12	Nil
Burpham ...	—	—	—	—
Clapham ...	—	—	—	—
Coombes ...	1	1	—	—
East Preston ...	26	14	12	—
Ferring ...	7	7	—	—
Findon ...	—	—	—	—
Houghton ...	—	—	—	—
Kingston... ..	—	—	—	—
Lancing ...	100	80	20	—
Lyminster ...	—	—	—	—
Patching ...	—	—	—	—
Poling ...	—	—	—	—
Rustington ...	13	5	8	—
Sompting ...	14	2	12	—
South Stoke ...	—	—	—	—
Warningcamp ...	—	—	—	—
<i>Totals ...</i>	175	111	64	—

1. Inspection of Dwelling Houses during the year :—

- (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts). ... 2283
- (b) Number of inspections made for the purpose ... 3298
- (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 214
- (b) Number of inspections made for the purpose ... 802
- (3) Number of dwellinghouses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 61

(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	1875
2. Remedy of Defects during the year without service of Formal Notices :—		
	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	1424
3. Action under Statutory Powers during the year :—		
(a) <i>Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—</i>		
(1)	Number of dwelling-houses in respect of which Notices were served requiring repairs	18
(2)	Number of dwelling-houses which were rendered fit after service of formal Notices	
(a)	By Owners	10
(b)	By Local Authority in default of Owners	6
(b) <i>Proceedings under Public Health Acts :—</i>		
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	3
(2)	Number of dwelling-houses in which defects were remedied after service of formal notice	1
(a)	By Owners	1
(b)	By Local Authority in default of Owners	0
(c) <i>Proceedings under Section 11 and 13 of the Housing Act, 1936.—</i>		
(1)	Number of dwelling-houses in respect of which Demolition Orders were made ...	6
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	0
(d) <i>Proceedings under Section 12 of the Housing Act, 1936 :—</i>		
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	1
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

OVERCROWDING.

- (a) (1) No. of dwellings overcrowded at the end of the year ... 24
 (2) No. of families dwelling therein ... 39
 (3) No. of persons dwelling therein ... 195
 (b) No. of new cases of overcrowding reported during the year ... 11
 (c) No. of new cases of overcrowding relieved during the year ... 1
 No. of persons concerned in such cases ... 8
 (d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding ... 0
 (e) Summary of action taken during the year in respect to overcrowded houses found during the Overcrowding Survey under the Housing Act, 1935, and since its completion :—

PARISH.	Reported Over-crowding.	Over-crowding abated.	Remain-ing over-crowded	No. of families affected.	No. of persons affected.
Angmering ...	23	19	4	27	174
Burpham ...	4	3	1	7	38
Clapham ...	2	2	0	2	20
Coombes ...	1	1	0	1	8
East Preston ...	13	10	3	17	114
Ferring ...	5	5	0	6	40
Findon ...	8	8	0	9	71
Lancing ...	36	29	7	51	323
Patching ...	2	2	0	2	16
Rustington ...	7	5	2	12	54
Sompting ...	20	14	6	29	151
Poling ...	1	0	1	3	9
<i>Totals</i> ...	122	98	24	166	1018

RURAL HOUSING.

During 1947, work under the Rural Housing Survey continued satisfactorily.

The number of building licences issued which resulted in housing repairs of one kind or another being undertaken, was 2,159, and

covered essential works costing £120,929 13s. 8d. Thus it will be seen that the improvements carried out to dwellings throughout the District are indeed considerable.

CLASSIFICATION.

PARISH.	No. of houses at or below £30 R.V.	Categories.				
	<i>Total.</i>	1	2	3	4	5
Angmering ...	488	107	114	267	69	28
Burpham ...	51	5	3	43	38	7
Clapham ...	82	48	6	28	13	6
Coombes ...	20	0	2	18	4	4
East Preston ...	348	118	137	93	17	5
Ferring ...	497	113	271	113	5	37
Findon ...	279	42	100	137	72	15
Houghton ...	40	0	3	37	23	16
Kingston ...	19	2	3	14	5	2
Lancing ...	3256	353	123	2780	63	52
Lyminster ...	82	2	11	69	39	21
Patching ...	63	15	6	42	23	3
Poling ...	53	12	1	40	19	13
Rustington ...	759	92	306	361	3	0
Sompting ...	1057	82	73	902	63	12
South Stoke ...	23	2	1	20	11	7
Warningcamp	55	13	9	33	20	0
<i>Totals</i> ...	7172	1006	1169	4997	487	228

From the above it will be seen that the total number of houses to be inspected is 7,172, and of these 4,997 fall within the third category, or worse. Those houses placed in Category number 4 and 5 are included also in Category 3.

PUBLIC HEALTH ACTS.

ERADICATION OF BED BUGS.

In all cases where visits of inspection are made to premises, note is taken as to cleanliness and of indications of the presence of vermin. Where infestations are found the necessary notices are served.

The work of disinfestation is generally undertaken by the Council on payment of the necessary fee. Council houses found infested are dealt with forthwith.

1. Details of Action taken :—

(1) Council Houses :—

(a) Found to be infested	...	...	...	3
(b) Disinfested	...	...	...	3

(2) Other Houses :—

(a) Found to be infested	...	...	...	1
(b) Disinfested	...	...	...	1

2. Methods employed to free houses from Beg Bugs.

It has been possible to deal with infestations by bed-bugs that have occurred by using a proprietary D.D.T. solution with every success.

3. Method employed for ensuring that the belongings of Tenants are freed from vermin before removal to Council Houses.

Where proposed Tenants of Council Houses are found to have their belongings infested by bugs or other vermin, their effects and furniture are treated by H.Cn. gas during removal.

4. Disinfestation.

Where toxic gases are used, the work of fumigation is carried out by the staff of the Firm of Fumigators employed, but if the method used is fumigation by use of insecticide, or by gases other than toxic gases, the work of disinfestation is carried out by the Council.

INSPECTION AND SUPERVISION OF FOOD.

(a) Milk Supply.

Milk and Dairies Acts and Orders.

Milk (Special Designations) Regulations.

During the year routine inspections of milk producing premises and Dairies have been continued, and I am pleased to be able to report that the general standard of cleanliness throughout the District has remained satisfactory.

The total number of herds in the District at the end of the year was 44, and the total number of cattle 1,180. Graded milk was produced from 72.72 per cent. of the herds, and from 82.54 per cent. of the cattle. Tuberculin Tested milk was produced from 17.88 per cent. and Accredited Milk from 62.96 per cent. of the cattle.

No. of Dairymen (Cowkeepers and Milksellers, etc.) in the District	...	...	...	...	58
No. of those registered as Wholesalers only	...	...	...	...	36
No. of those registered as Retailers only	...	...	...	...	16
No. of those registered both as Wholesalers and Retailers	...	...	...	...	6

No. of Farms where cowkeeping discontinued	...	1
No. of Dairymen (Cowkeepers and Milksellers, etc.) registered 1947	... ..	0
No. of inspections made :—		
(1) Cowsheds	... ..	164
(2) Milkshops and Dairies	... ..	158
No. of inspections during milking time	... ..	146
No. of contraventions of the Acts and Orders found	...	57
No. of contraventions remedied including those previously outstanding and periodic cleansing	...	69

Water Supply to Dairy Premises.

	<i>Public Supply.</i>	<i>Private Supply.</i>	<i>Well Water.</i>
Cowsheds	... 22	8	14
Dairies & Milkshops	9	0	0

Licences.

Number of Licences granted by the County Council :—

1. To produce Tuberculin Tested Milk	... ..	8
2. To produce Accredited Milk	... ..	24
3. To bottle Tuberculin Tested Milk	... ..	2
4. To bottle Accredited Milk	... ..	0

Number of Licences granted by the Sanitary Authority :—

1. To bottle (a) Tuberculin Tested Milk	... ..	0
(b) Accredited Milk	... ..	0
2. To pasteurise milk	... ..	0
3. To retail milk using the designation :—		
(a) Tuberculin Tested Milk	... ..	8
(b) Accredited Milk	... ..	0
(c) Pasteurised Milk	... ..	7
(d) Number of Supplementary Licences to retail :—		
(i) Tuberculin Tested Milk	... ..	2
(ii) Pasteurised Milk	0

Number of summonses issued under the Acts and Orders	0
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Number of convictions obtained	0
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Report on Samples of Milk taken during the year.

	Tuber- culin Tested.	Accred- ited.	Pasteur- ised.	Ordin- ary.
Taken by County Council	44	164	0	0
Taken by other Local Authorities	0	0	0	0
Taken by own Sanitary Authority	10	34	0	10
<i>Total number taken</i> ...	54	198	0	10
METHYLENE BLUE TEST :				
Number complying with standard	38	106	0	0
Number not complying with standard	2	26	0	0
COLIFORM TEST :				
<i>Coliform Bacillus present</i>				
1 tube	0	0	0	0
2 tubes	0	0	0	0
3 tubes	1	0	0	0
Number satisfying test ...	2	0	0	0
<i>Animal Inoculation for presence of Tubercle Bacilli.</i>				
Number satisfying test ...	10	37	0	10
Number not satisfying test	0	0	0	0

It will be seen from the above Table that of the 262 samples taken, 172 were subjected to the Methylene Blue Reductase Test, and 3 to the Coliform Test. Of the 172, 144 or 83.72 per cent. reached the standard of the Methylene Blue Test, and of the 3, 2 passed and 1 failed to pass, the test for the presence of Coliform Bacillus.

Of the above-mentioned samples, 10 of Tuberculin Tested milk, 37 of Accredited Milk, and 10 of Ordinary Milk were submitted for examination for the presence of Tubercle Bacilli. All were satisfactory.

Meat.

There is no Ministry of Food Slaughterhouse in the District, but continued inspections of deliveries of Meat to Shops were

carried out and a considerable quantity of unfit food was found, which clearly justifies the importance of this work.

The total weight of Meat found to be unfit for human consumption is as follows :—

Affected with Tuberculosis	...	...	None.
Affected with other diseases :—			
16 cwts. 3 qtrs. 8 lbs. 4 ozs.	...	...	Imported Beef
5 cwts. 2 qtrs. 9 lbs. 12 ozs.	...	...	English Beef.
20 lbs. 8 ozs.	...	...	Imported Lamb.
2 lbs. 8 ozs.	...	...	Offal.

The total amount of Meat condemned was :—

22 cwts. 2 qtrs. 13 lbs. 0 ozs.

The condemned food was in every case surrendered voluntarily, and either returned to the Government Slaughterhouse concerned for disposal, utilised for pig swill, or disposed of to Fat Extractors.

72 Certificates were issued to Traders so as to enable them to obtain compensation for their loss.

No. of inspections at Slaughterhouses under Meat Regulations	...	...	...	...	...	25
No. of inspections at Butchers' shops under Meat Regulations	...	...	...	...	...	302

Slaughterhouses and Meat Shops.

No. of Meat Shops in the District	...	...	...	21
No. of Slaughterhouses in the District	...	...	...	5
No. of Slaughterhouses licensed	...	...	...	2
No. of Notices served for contraventions of Bye-laws	...	...	...	7
No. of Notices complied with	...	...	...	4

Bakehouses.

All Bakehouses in the District have been inspected at least once, and all were very clean and satisfactory.

No. of Bakehouses in District	...	...	...	19
No. underground	...	...	...	0
No. of inspections	...	...	...	28
No. of Notices served for sanitary defects	...	...	...	10
No. of Notices complied with	...	...	...	5

Ice Cream.

No. of premises registered for manufacture	...	2
No. of premises registered for manufacture and sale	... ..	16
No. of premises registered for retail only	... ..	37
No. of inspections of premises where Ice Cream sold	... ..	98
No. of samples taken	... ..	52

The results of the above samples are set out below:—

<i>Number Taken.</i>	<i>Number falling in :—</i>			
	<i>Grade 1.</i>	<i>Grade 2.</i>	<i>Grade 3.</i>	<i>Grade 4.</i>
52	30	9	9	4

It will be seen from the reports upon the samples submitted by the Department for examination that only 25 per cent. of the samples taken were unsatisfactory. Subsequent action by the Department resulted in all cases in an improvement and a satisfactory result on re-sampling.

Other Foods.

Foods diseased, unsound, etc., other than under Meat Regulations :—

No. of parcels of food surrendered	...	...	128
No. of seizures	...	...	0
No. of summonses issued	...	...	0
No. of convictions obtained	...	...	0

128 Certificates were issued to Traders, so as to enable them to obtain compensation and replacement of their loss.

Shell Fish.

No. of shell fish beds or layings in the District	...	0
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MOVEABLE DWELLINGS.

Public Health Act, 1936, Section 269.

Byelaws in respect of Moveable Dwellings came into force on September 1st, 1936.

37 visits were made to Camping Sites and 35 to individual Moveable Dwellings.

During the year 7 applications for renewal of Camping Site licences were received and all were approved. In addition 9 new applications were received for Camping Site licences; 4 were approved and 5 refused.

SHOPS ACT, 1934.

Shops :—

Number of shops in the District	...	...	449
No. of inspections of shops	...	...	152
No. of shops where contraventions found	...	...	47
No. of shops where contraventions remedied	...	...	32

Contraventions remedied :—

Heating provided	...	...	0
Washing facilities provided	...	...	2
Sanitary conveniences provided	...	...	2
Other improvements	...	...	37
			—
			41
			—

No applications were made under Section 10 (6) for exemption from Section 10 (2) of the Act.

PUBLIC HEALTH ACT, 1936.

Workplaces and Offices :—

No. of Workplaces	...	...	...	...	115
No. of Offices	...	...	...	...	52
No. of inspections	...	...	...	...	77
No. of contraventions found	...	...	...	...	31
Number of contraventions remedied	...	...	...	...	31

Swimming Baths and Pools open to the Public :—

There is only one Swimming Pool in the District, this being situated at the Broadmark Hotel, Rustington.

The pool is kept in a clean and satisfactory condition, and is provided with a chlorination plant, which is maintained in satisfactory operation.

Smoke Abatement :—

It has not been found necessary to make any smoke observations during the year, as in no case has there been observed any nuisance of this nature and no complaints have been received.

Schools :—

No. of Schools in the District	...	...	...	...	12
No. with Public Water Supply	...	...	...	...	12
No. with Well Supply (piped)	...	...	...	...	0
No. with water closets :—					
(a) Separate pedestal	...	...	...	...	9
(b) Trough	...	...	...	...	0
(c) Hand flushed	...	...	...	...	0
No. with earth closets	...	...	...	...	3
No. with privy closets	...	...	...	...	0

RATS and MICE (DESTRUCTION) ACT, 1919.

THE INFESTATION ORDER, 1943.

Throughout the year work has continued very satisfactorily in connection with the administration of the above Act and Order.

Set out below is a Table showing the amount of work carried out throughout the year, and the number of rats and mice destroyed. I think it will be agreed that it has reached considerable proportions and the results obtained should prove a source of satisfaction to all concerned.

No. of Inspections made	...	...	...	...	4828
Complaints made by the public	...	...	...	...	170
Infestations found as a result of above	...	...	...	...	173

Infestations found by the Public Health Department	270
Total number of premises where nuisances found ...	443
Premises where nuisances remedied :—	
RATS : Major	70
Minor	375
MICE : Major	3
Minor	14
<i>Total</i>	462
No. of block control operations (2 or more premises)	81
No. of joint operations reported to West Sussex War Agricultural Executive Committee	6
Estimated number of rats destroyed (M.O.F. formula)	5307

Summary.

Total number of rats found dead	896
Total number of rats estimated destroyed	5817
Total number of mice trapped or otherwise destroyed	392

MOSQUITOES.

Routine inspections of ditches and watercourses revealed no nuisances of this nature.

RAG FLOCK ACTS, 1911 and 1928.

There are no premises in the District where Rag Flock is used, manufactured, or sold.

FACTORIES ACT, 1937.

1. Inspections.

PREMISES	Number on Register	Number of		
		Inspections	Written Notices	Occupiers prosecuted
(i) Factories in which Sections, 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	46	18	8	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authorities	49	34	10	—
(iii) Other premises in which Section 7 is enforced by the Local Authority	—	—	—	—
<i>Total</i>	95	52	28	—

2. Cases in which defects were found.

PARTICULARS	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness ...	3	1	—	—	—
Sanitary conveniences :					
(a) Insufficient ...	3	2	—	—	—
(b) Unsuitable or defective ...	4	2	—	—	—
(c) Not separate for sexes ...	—	—	—	—	—
Other Offences ...	23	6	—	—	—
<i>Total</i> ...	33	11	—	—	—

SUMMARY OF INSPECTIONS AND VISITS MADE DURING THE YEAR.

Houses under Housing Act ...	214
Housing Act re-inspections ...	802
Houses inspected for overcrowding ...	331
Houses under Public Health Acts for defects ...	2069
Public Health Act re-inspections ...	2496
Premises under Public Health Acts for nuisances ...	420
Complaints investigated ...	129
No. of drains tested for defects ...	2
Water tests applied to drains at reconstruction or connection to sewer ...	159
Smoke tests applied to drains at reconstruction or connection to sewer ...	34
Rats and Mice (Destruction) Act ...	4828
No. of Camping Sites inspected ...	37
No. of Moveable Dwellings inspected ...	35
Visits to obtain samples of water ...	28
Visits for interview with Owner, Agents, etc. ...	535
Refuse Tips and Public Cleansing ...	135
Miscellaneous Visits ...	776
Infectious Diseases ...	158
Rooms disinfected ...	59
Slaughterhouses ...	25

Meat Shops, Stalls and Vehicles	...	...	...	302
Fish Shops	...	...	...	110
Ice Cream Premises	...	...	...	98
Restaurants and Hotel Kitchens	...	...	...	35
Other Food Premises	...	...	...	93
Cowsheds	...	...	...	164
Dairies and Milkshops	...	...	...	158
Bakehouses	...	...	...	28
Factories where Mechanical Power is used	...	...	...	34
Factories where Mechanical Power is not used	...	...	...	18
Workplaces and Offices	...	...	...	77
Shops Act	...	...	...	152
Petroleum Acts	...	...	...	12
<i>Total number of inspections made</i>				14553

SUMMARY OF NOTICES SERVED AS A RESULT OF CONDITIONS FOUND AT THE ABOVE INSPECTIONS.

(a) Statutory.		<i>Notices served.</i>	<i>Notices complied with.</i>
1.	Clearance Orders made under Sec. 25 of the Housing Act, 1936	0	0
2.	Closing Order made under Sec. 12 (i) of the Housing Act, 1936	1	0
3.	Demolition Order (Form 5) made under Sec. 11 of the Housing Act, 1936	6	3
4.	Under Section 66 (ii) of the Housing Act, 1936 (Overcrowding)	0	1
5.	Under Section 9 of the Housing Act, 1936	16	16
6.	Under Section 93 of the Public Health Act, 1936 (Nuisances)	1	1
7.	Under Section 39 of the Public Health Act, 1936 (Drains)	1	1
8.	Under Section 75 of the Public Health Act, 1936 (Dustbins)	3	5
9.	Under Section 50 of the Public Health Act, 1936 (Cesspool)	2	2
10.	Under Section 10 of the Shops Act (1934)	4	0
11.	Under Rats and Mice (Destruction) Act 1919, and Infestation Order, 1943	3	2
(b) Preliminary.			
1.	To execute works under the Housing Acts	94	87
2.	To abate overcrowding	11	4

3.	To execute work under Public Health Acts	1814	1337
4.	To abate nuisances	87	110
5.	To remedy contraventions of Rats & Mice (Destruction) Act	443	462
6.	To abate contraventions at Moveable Dwellings	5	2
7.	To abate contraventions at Food Premises	24	16
8.	To remedy contraventions at Bake-houses	10	5
9.	To abate contraventions of Factory Act	18	7
10.	To abate contraventions at Workshops and Offices	30	30
11.	To abate contraventions of Shops Acts	47	32

To secure the abatement of 57 contraventions of the Milk & Dairies Acts & Orders, 29 notices were served, and during the year 69 contraventions were remedied, including periodic cleansing and lime-washing, voluntary improvements and structural works outstanding from previous years.

SUMMARY OF SANITARY WORKS AND IMPROVEMENTS CARRIED OUT.

(a)	Houses demolished	1
	Houses redrained to Council's Sewer	85
	Cesspools abolished	85
	Houses redrained defective	1
	Houses where drains repaired	14
	Intercepting traps fixed	7
	Inspection chambers constructed	152
	Inspection chambers repaired	19
	Obstructions removed from drains	18
	Cesspools emptied and cleansed after Notice	11
	Privies replaced by W.C.'s.	0
	Additional W.C.'s constructed	16
	Defective W.C. pans and traps renewed	206
	W.C.s provided with flushing cisterns and water supply	18
	Flushing cisterns repaired or renewed	37
	Houses provided with new cesspools	0
	Houses provided with mains water supply	24
	Wells cleansed and repaired	0
	Houses provided with sinks	12
	Defective sinks renewed	150
	Defective sink waste pipes renewed	25
	Rooms stripped, cleansed and redecorated	1512
	Ceilings stripped, cleansed and redecorated	437

Windows repaired	703
Windows provided or enlarged	23
New sash cords fixed	83
New fasteners and stays provided	90
Rooms where wall plaster repaired	599
External walls repaired	665
Floors repaired or renewed	114
Coppers repaired or renewed	4
Stoves and fireplaces repaired or renewed	306
Chimney stacks repaired or renewed	123
Rooms where dampness remedied	82
Rooms ventilated	28
Accumulations of refuse removed... ..	4
Paving to yards repaired or renewed	68
Roofs repaired	217
Rainwater pipes and eaves gutters repaired or renewed	148
Rooms and bedding cleansed (Tenant)	4
Verminous premises disinfested	5
Refuse receptacles provided	24
Food Stores provided	4
Handrails provided	2
Underfloor ventilation provided	2
Bathrooms provided	10
Fuel Stores provided	22
Hot Water services provided	44
Miscellaneous	293
<i>Total</i>	<hr/> 6497 <hr/>

(b) **Workplaces and Offices.**

Want of cleanliness	4
Structural defects remedied	24
Sanitary accommodation unsuitable or defective	3
Sanitary accommodation made separate for sexes	0
<i>Total</i>	<hr/> 31 <hr/>

(c) **Food Premises.**

Structural defects remedied	9
Lighting improved	1
Ventilation improved	1
Yard pavings repaired	1
Premises cleansed and limewashed	3
Drains repaired or unblocked	1
<i>Total</i>	<hr/> 16 <hr/>

(d) **Cowsheds and Dairies.**

Structural defects remedied	...	...	...	...	4
Lighting improved	...	...	...	...	1
Ventilation improved	...	...	...	...	1
Drains repaired or unblocked	...	...	...	...	1
Yards paved and drained or repaired	...	...	...	...	1
Other contraventions remedied	...	...	...	...	18
Periodic limewashing carried out after Notice	...	...	...	...	43
<i>Total</i> ...					<hr/> 69 <hr/>

(e) **Bakehouses.**

Structural defects remedied	...	...	...	...	4
Periodic limewashing and cleansing	...	...	...	...	2
Other improvements	...	...	...	...	1
<i>Total</i> ...					<hr/> 7 <hr/>





