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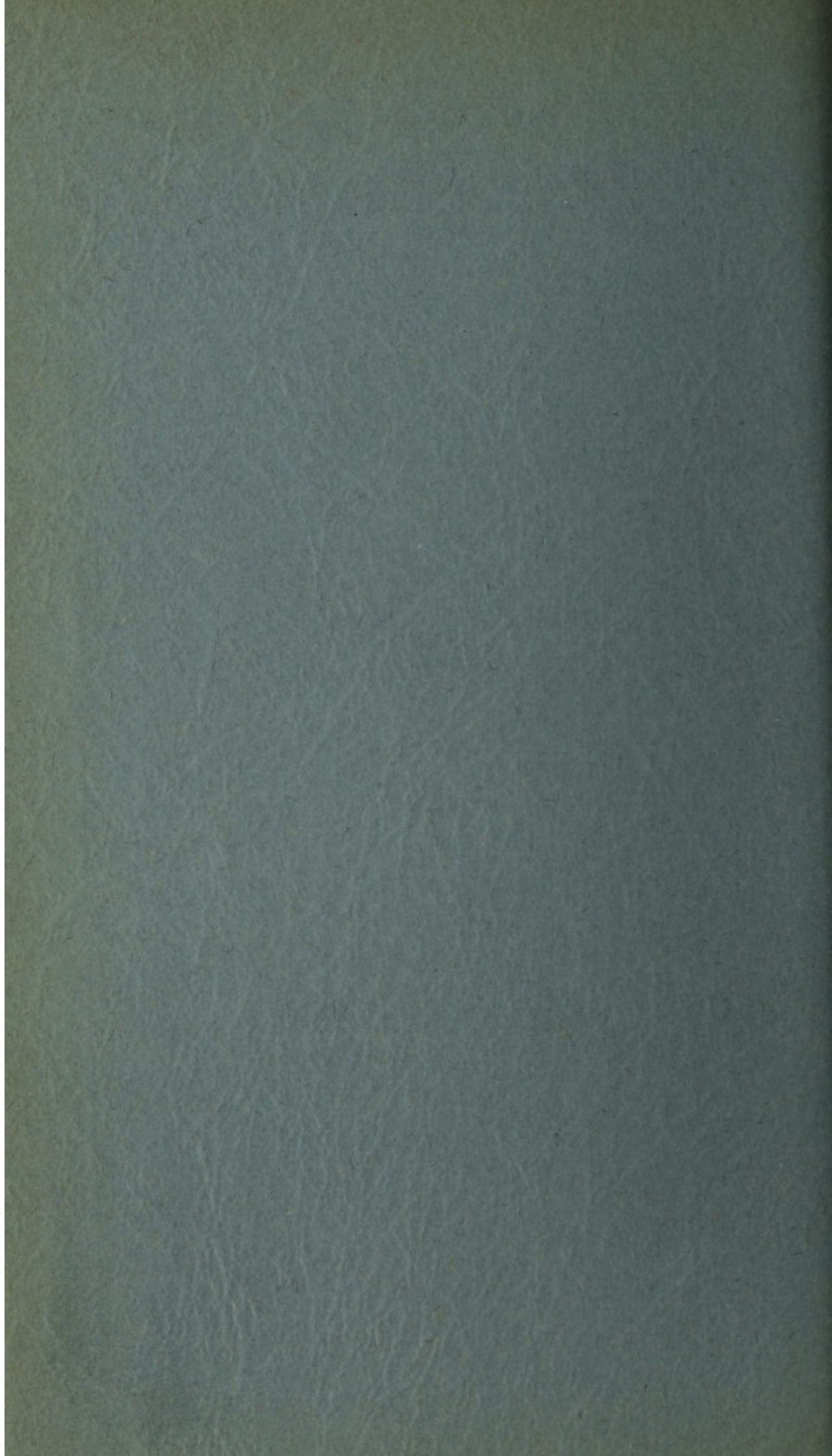


URBAN DISTRICT COUNCIL
OF
FAREHAM

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
CHIEF SANITARY INSPECTOR

1951

M. CROWLEY, M.B., B.Ch., D.P.H.
Medical Officer of Health.



Urban District Council of Fareham

1951.

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COUNCILLOR E. R. HILLS, J.P.

Vice-Chairman of the Council :

COUNCILLOR C. HUMBY.

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COUNCILLOR F. T. VARCOE.

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URBAN DISTRICT COUNCIL OF FAREHAM

**To the Chairman and Councillors of the Urban
District Council of Fareham.**

Ladies and Gentlemen,

I have the honour to submit the Annual Report of the Public Health Department for the year 1951.

The estimated population (42,870) furnished by the Registrar-General, which applies to civilian and service population, showed an increase of 420 on the 1950 estimate. The natural increase (excess of births over deaths) was 250 in 1951 as compared with 178 in 1950.

The live birth rate was 15.75 per 1000 population in 1951. Corrected for purposes of comparison with similar rates in other areas, the live birth rate was 16.22 per 1000 population. The corresponding rate for England and Wales in 1951 was 15.5 per 1000 of the total population. The rate for still births in the Urban District was 0.23 (0.24 corrected for purposes of comparability) and the same rate for England and Wales was 0.36 per 1000 population.

The death rate for 1951 was 9.91 (10.0 corrected for purposes of comparability). The corresponding rate for England and Wales was 13.4 per 1000 total population. There were 425 deaths from all causes during 1951. 175 (41%) of these were 75 years of age and over, and 307 (72%) were 65 years of age and over.

The death rate of infants under 1 year of age (infant mortality rate) was 19.26 per 1000 live births (19.45 corrected for purposes of comparability) as compared with 14.45 in 1950. The same rate for England and Wales was 29.6, so that the infant mortality rate here compares very favourably with that for the rest of the Country.

The neonatal deaths (under 4 weeks of age) numbered 8 and gave a rate of 11.85 per 1,000 live births for the Urban District in 1951.

Among the death rates for special causes, cancer had the highest figure (1.17 per 1000 population), pneumonia gave a rate of 0.33 and influenza 0.3 per 1000 population.

Proportional mortality rates for the principal causes of deaths in the Urban District during 1951 were as follows:—diseases of the heart and circulation other than coronary disease, 22.8 per cent of all deaths; coronary disease, 14.1 per cent; vascular lesions of the nervous system, 13.9 per cent; cancer, 11.8 per cent;

influenza, bronchitis and pneumonia, 9.8 per cent ; tuberculosis, 1.9 per cent.

There were 976 notifications of infectious diseases recorded in the Urban District during 1951. In addition, one case of dysentery also occurred, but although normally a resident in the Urban District, was notified by another authority under existing regulations in connection with the notification of infective diseases by hospitals. Of the 976 recorded, 742 were measles, 124 whooping cough and 47 scarlet fever. The greatest incidence was in the 5-10 age group, which yielded 435 as compared with 138 at age 4-5 years ; 113 at 3-4 years ; 98 at 2-3 years ; 72 at 1-2 years ; and 29 under one year old. There were also 24 cases of dysentery, 23 of pneumonia and 6 of food poisoning. The incidence rates for the principal notifiable diseases in 1951 were : measles, 17.3 per 1000 population (England and Wales 14.07) ; whooping cough, 2.9 (England and Wales 3.87) and scarlet fever, 1.1 (England and Wales 1.11).

Notifications of tuberculosis not included above were 44.

The position in regard to diphtheria immunisation at 31/12/51 was (1) 7209 of the estimated child population under 15 years of age had completed primary immunisation (roughly 72%) ; (2) 5163 between the ages of 5 and 15 were protected, and (3) 2046 under 5 years of age. The number being inoculated in the first year of life is still too small.

The permanent housing programme at the end of 1951 gave 923 as the number in the scheme ; 516 were completed at 31/12/50 ; and 149 were completed during 1951. There were 149 houses under construction at 31/12/51.

It gives me great pleasure to record my appreciation of the assistance and co-operation I have received from you, the staff and my colleagues.

I have the honour to be,

Ladies and Gentlemen,

Your obedient Servant,

M. CROWLEY,

Medical Officer of Health.

June, 1952.

Section II.**PUBLIC HEALTH OFFICERS OF THE AUTHORITY**

Medical Officer of Health

R. MACKAY, M.D., D.P.H. (Aberd) to 30th April, 1951.

S. CHALMERS PARRY, M.A. (Cantab), M.R.C.S.,
L.R.C.P., D.P.H. (Acted in the above capacity)
1st May, 1951, to 31st July, 1951.

M. CROWLEY, M.B., B.Ch., B.A.O., D.P.H. from
1st August, 1951.

**Chief Sanitary Inspector and
Certified Meat Inspector**

R. J. BAKER, M.S.I.A.

Additional Sanitary Inspector

R. UPTON, M.R.S.I., M.S.I.A.

Rodent Officer

R. A. POWELL.

Senior Clerk

L. R. CAMPBELL to 10th March, 1951.

MRS. D. ROBERTSON from 16th April, 1951.

Clerk/Typist

MRS. J. R. CARTER.

Section III.

STATISTICS & SOCIAL CONDITIONS OF THE AREA

Area of District—18,352 Acres.

Population—Registrar-General's Estimate of population for 1951—42,870.

Number of Inhabited Houses at end of 1951—11,974.

Rateable Value at 1st April, 1951—£279,845.

Sum represented by a Penny Rate—(1951-52)—£1,140.

Natural and Social Conditions.—The Urban District, which measures approximately eleven miles from east to west and three and a half miles from north to south, is bounded on the west by the Hamble River, and on the south-west by Southampton Water and the Solent. To the south the boundary merges into that of the neighbouring Authority of Gosport, which thus adjoins the Urban District to the South.

The waters of Portsmouth Harbour encroach upon a part of both the eastern and southern aspects of the Urban District, and for the rest, the eastern boundary adjoins extensions of the County Borough of Portsmouth. To the north-east and north, the Urban District is contiguous to the rising ground of Portsdown and Droxford.

The soil comprises chiefly gravel and clay, but to the north-east the soil is chalky in nature.

The principal industrial activities of the District include brick and tile works at Fareham and Sarisbury; breweries at Titchfield and Fareham; laundries at Fareham and Locks Heath; artificial manure works at Portchester; gas works at Titchfield and Fareham; tannery at Titchfield and foundry at Fareham. Boat-building has always been a feature of the industrial activities of the District, chiefly at Fareham and Sarisbury. The western portion of the District is largely given to fruit growing. A weekly cattle market is held at Fareham.

The population has increased from 30,450 in 1938 to 42,870 in 1951.

SUMMARY OF VITAL STATISTICS FOR THE YEAR

(1) The Registrar-General's Short List of Causes of Deaths,
1951.

CAUSES OF DEATHS					Male	Female	Total
					218	207	425
1.	Tuberculosis of respiratory system	...	...	...	5	3	8
2.	Other forms of tuberculosis	...	...	...	—	—	—
3.	Syphilitic disease	...	...	...	2	—	2
4.	Diphtheria	...	...	...	—	—	—
5.	Whooping Cough	...	...	...	1	—	1
6.	Meningococcal infections	...	...	...	—	—	—
7.	Acute poliomyelitis	...	...	...	—	—	—
8.	Measles	...	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	...	—	—	—
10.	Malignant neoplasm, stomach	...	...	...	8	6	14
11.	Malignant neoplasm, lung, bronchus	...	...	...	4	2	6
12.	Malignant neoplasm, breast	...	...	...	—	6	6
13.	Malignant neoplasm, uterus	...	...	...	—	2	2
14.	Other malignant and lymphatic neoplasms	...	...	...	15	7	22
15.	Leukaemia, aleukaemia	...	...	...	1	1	2
16.	Diabetes	...	...	...	1	—	1
17.	Vascular lesions of nervous system	...	...	...	22	37	59
18.	Coronary disease, angina	...	...	...	38	22	60
19.	Hypertension with heart disease	...	...	...	6	8	14
20.	Other heart disease	...	...	...	45	40	85
21.	Other circulatory disease	...	...	...	6	6	12
22.	Influenza	...	...	...	6	7	13
23.	Pneumonia	...	...	...	3	11	14
24.	Bronchitis	...	...	...	7	8	15
25.	Other diseases of respiratory system	...	...	...	3	2	5
26.	Ulcer of stomach and duodenum	...	...	...	4	1	5
27.	Gastritis, enteritis and diarrhoea	...	...	...	1	—	1
28.	Nephritis and nephrosis	...	...	...	1	3	4
29.	Hyperplasia of prostate	...	...	...	6	—	6
30.	Pregnancy, childbirth, abortion	...	...	...	—	—	—
31.	Congenital malformations	...	...	...	3	—	3
32.	Other defined and ill-defined diseases	...	...	...	22	24	46
33.	Motor vehicle accidents	...	...	...	3	1	4
34.	All other accidents	...	...	...	3	5	8
35.	Suicide	...	...	...	1	5	6
36.	Homicide and operations of war	...	...	...	1	—	1

(2) LIVE AND STILL BIRTHS, Etc.

Total Deaths and Deaths from Special Causes, 1951.

				Male	Female	Total
Live Births						
Total Registered	...	...	...	364	311	675
Legitimate	...	...	...	349	295	644
Illegitimate	...	...	...	15	16	31
Still Births						
Total Registered	...	...	...	4	6	10
Legitimate	...	...	...	4	6	10
Illegitimate	...	...	...	—	—	—
Deaths						
Total Registered	...	...	...	218	207	425
Infants under 1 year (total)	...	...	...	9	4	13
Infants under 1 year (legitimate)	...	...	...	9	4	13
Infants under 1 year (illegitimate)	...	...	...	—	—	—
Neonatal deaths (under 4 weeks)	...	...	...	5	3	8
Maternal Mortality						
Puerperal and post-abortive sepsis	...	...	...	—	—	—
Deaths from Special Causes						
Tuberculosis (all forms)	...	...	...	5	3	8
Pulmonary tuberculosis	...	...	...	5	3	8
Other forms of tuberculosis	...	...	...	—	—	—
Cancer	...	...	...	27	23	50
Pneumonia	...	...	...	3	11	14
Whooping Cough	...	...	...	1	—	1
Measles	...	...	...	—	—	—
Diphtheria	...	...	...	—	—	—
Poliomyelitis	...	...	...	—	—	—

(3) **BIRTH RATES, INFANT DEATH RATE, TOTAL
DEATH RATE, Etc., 1951.**

Rates.	Fareham U.D.	Adminis- trative County	England and Wales
Birth Rate			
Per 1000 population, 1951	15.75	16.65	15.50
Still Birth Rate			
Per 1000 population, 1951	0.23	3.46	0.36
Death Rate			
Per 1000 population, 1951	9.91	13.40	12.50
Maternal Mortality Rate			
Per 1000 total (live and still) births :—			
Pregnancy, childbirth and abortion	0.00	1.39	0.79
Death Rate of Infants under 1 year			
All infants per 1000 live births	19.26	25.60	29.60
Legitimate infants per 1000 legitimate live births ...	20.19	24.80	—
Illegitimate infants per 1000 illegitimate live births ...	0.00	14.60	—
Death Rates—Special Causes			
Per 1000 population, 1951 :			
Tuberculosis (all forms) ...	0.19	0.24	0.31
Pulmonary Tuberculosis ...	0.19	0.21	—
Other forms of Tuberculosis	0.00	0.03	—
Cancer	1.17	1.92	—
Pneumonia	0.33	0.43	0.61
Influenza	0.30	0.31	0.38
Measles	0.00	0.006	—

(4) Comparative Statistical Table of Principal Rates, 1951

	Rate per 1000 population			Rate per 1000 live births	
	Live Birth Rate	Still Birth Rate	Death Rate	Diarrhoea under 2 years	Infant Mortality Rate
FAREHAM URBAN DISTRICT ...	16.22	0.24	10.00	0.00	19.45
England and Wales ...	15.50	0.36	12.50	1.40	29.60
126 County Boroughs and Great Towns including London ...	17.30	0.45	13.40	1.60	33.90
148 Smaller Towns (Population 25,000-50,000 at 1931 census) ...	16.70	0.38	12.50	1.0	27.60
London Administrative County ...	17.80	0.37	13.10	0.70	26.40

Using comparability factors for both births and deaths.

(5) Principal Vital Statistics of the Urban District, 1942-51

	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Population ...	36950	35820	36460	36940	39220	39950	40210	40180	42450	42870
(1) Birth Rate ...	20.2	19.2	21.9	20.0	21.8	21.20	18.50	16.97	14.96	15.75
(2) Still Birth Rate ...	28.6	29.7	20.9	25.1	27.3	37.50	14.60	22.93	17.35	14.60
(1) Death Rate ...	11.3	10.6	10.7	11.5	10.7	10.96	10.14	9.83	10.60	9.91
(2) Maternal Mortality Rate ...	1.3	1.4	1.2	1.3	1.2	3.40	1.30	1.43	0.00	0.00
(3) Infant Mortality Rate ...	41.6	34.9	25.0	33.9	26.9	36.60	36.40	23.60	14.45	19.26
(1) Pulmonary Tuberculosis Death Rate ...	0.4	0.4	0.4	0.6	0.4	0.40	0.52	0.25	0.33	0.19
(1) Pneumonia Death Rate ...	0.5	0.3	0.4	0.6	0.4	0.40	0.40	0.20	0.21	0.33
(1) Cancer Death Rate ...	1.7	1.8	1.9	2.2	2.3	1.80	1.47	1.67	1.69	1.17

(1) Rate per 1000 population.

(2) Rate per 1000 live and still births.

(3) Rate per 1000 live births.

(6) DISTRIBUTION OF DEATHS AT ALL AGES, 1951.

AGE GROUP Years	NUMBER		TOTAL
	Male	Female	
Under 1	9	4	13
1	1	—	1
2-4	—	—	—
5-14	—	—	—
15-24	3	1	4
25-34	2	1	3
35-44	3	7	10
45-54	15	12	27
55-64	33	27	60
65-74	75	57	132
Over 75	77	98	175
TOTALS	218	207	425

(7) REMARKS ON VITAL STATISTICS.

The principal causes of death in order of incidence during 1951 were diseases of the heart and circulation, other than coronary disease and hypertension, 97, of which 12 were due to circulatory disease; coronary disease, 60; vascular lesions of the nervous system, 59; and cancer, 50. Pneumonia, influenza and bronchitis caused 42 deaths in 1951 and 8 were due to tuberculosis. There were 218 male and 207 female deaths amounting to 425 total deaths in 1951. The following diseases showed the greatest incidence as causes of deaths in males:—Disease of heart other than coronary, coronary disease, cancer and vascular lesions of the nervous system. In females, the greatest incidence as causes of deaths were heart diseases other than coronary and vascular lesions of the nervous system.

The vital statistics of births and deaths from special causes included in (2) above, give a total of 675 births; 364 male and 311 female; these figures include 15 male and 16 female illegitimate births; there were thus 31 illegitimate and 644 legitimate births.

The registered still births numbered 10 in 1951; 4 male and 6 female.

Among the deaths from special causes, 8 (5 male and 3 female) were due to respiratory tuberculosis. The deaths from cancer numbered 50 (27 males and 23 females).

In regard to the rates based on these figures at (3) above, the birth rate was 15.75 per 1000 population. This rate is lower than that recorded in the administrative county (16.65) but higher than that for England and Wales (15.5). The still birth rate at 0.23 per 1000 population is lower than that for England and Wales at 0.36 per 1000.

The death rate of 9.91 per 1000 population is lower than that for both the administrative county and for England and Wales.

Table (4) sets out the principal rates which have been corrected for purposes of comparison with similar rates in other areas. The birth rate in the Urban District, as compared with that for England and Wales, is higher but all other rates in the Urban District are lower than those for the other areas shown.

In Table (5) it will be noted that the population figure is 42,870, which includes service personnel in the Urban District. The total population figure for 1950 was 42,450. The birth rate, 15.75, is the second lowest recorded in the ten-year period 1942-1951. The highest recorded rate in the period was 21.9 per 1000

population in 1944. The still birth rate, 14.60 per 1000 live and still births equals the lowest in the period, being the same as that recorded in 1948. The death rate is slightly lower than that recorded over the last ten years. Of the rates from special causes of deaths, that for tuberculosis (0.19 per 1000 population) is lower than at any time during the period, as is also the death rate for cancer (1.17 per 1000 population).

Section IV.

GENERAL PROVISION OF HEALTH SERVICES
IN THE AREA.

(a) Laboratory Facilities

Full facilities are available through the Ministry Laboratories for the bacteriological examination of water supplies and other laboratory investigations. The County Council discontinued chemical examinations in October, 1949, and these must now be done by arrangement with neighbouring authorities.

(b) Ambulance Facilities

All requests for ambulance transport in the area are dealt with by the County Ambulance Station at The Tannery, North Wallington, (Tel. Fareham 2170). The County Council has an agreement with the City of Portsmouth whereby all calls for the removal of infectious cases are passed to the latter authority's ambulance service for attention.

(c) Clinics

The following services in connection with tuberculosis, maternity and child welfare, orthopaedics, etc., are provided by the County Council and the Regional Hospital Board at clinics and treatment centres in the area :—

(1) Tuberculosis

GOSPORT
"The Gables,"
Spring Garden Lane.
Tel. Gosport 8032.

MONDAYS
9.45 a.m. Patients previously examined.
12 noon. New patients.
3.0 p.m. P.P. Refills.

TUESDAYS
1.30 p.m. Refills at Gosport War Memorial Hospital.

One evening session on third Monday in month at 5 p.m.

(by appointment)

FAREHAM
St. Christopher's Hospital,
Wickham Road.
Tel. Fareham 2263.

MONDAYS
9.45 a.m. Patients previously examined.
2.0 p.m. New patients.

WEDNESDAYS
2.0 p.m. A.P. and P.P. Refills.

FAREHAM—*continued*

FRIDAYS

2.0 p.m. Patients previously examined.

One evening session on second Wednesday in month at 5 p.m.
(*by appointment*)

HAVANT

THURSDAYS

County Council Health Centre, 9.45 a.m. Patients previously examined.
Park Way.

Tel. Havant 716.

12 noon. New patients.

2.0 p.m. A.P. Refills.

(2) Venereal Disease

PORTSMOUTH

MALES

St. Mary's Hospital,
Milton.

Tuesdays and 10 a.m.—7 p.m.
Thursdays

FEMALES

Mondays 5 p.m.—7 p.m.

Wednesdays 2 p.m.

Fridays 10 a.m.

SOUTHAMPTON

MALES

1 Cardigan Road

Mondays to 10 a.m.—12 noon.

Fridays 5 p.m.—7 p.m.

King's Park Road.

FEMALES

Mondays 10 a.m.

Tues. & Fri. 2 p.m.

Thursdays 3 p.m.

(3) Maternity and Child Welfare

Fridays, 10 a.m.—12 noon, 2 p.m.—4 p.m.

Methodist Church Hall, Fareham

First and third Tuesdays, 2 p.m.

Working Men's Club, Hill Park, Fareham.

Thursdays, 2 p.m.

Cormorant, Castle Street, Portchester.

First and third Thursdays, 2 p.m.

Village Hall, Stubbington.

First and third Mondays, 2 p.m.

Parish Hall, Titchfield.

First and third Thursdays, 2 p.m.

British Legion Hall, Park Gate, Sarisbury.

Number of practising midwives—7

Health Visitors—7 whole-time on County Staff.

Premature Babies

Notified from Home and Nursed entirely at home	...	...	4
Notified from Home (transferred to Hospital)	...	...	1
Notified from Hospital (from St. Mary's Hospital, Portsmouth, only)	...	...	10
Notified from Nursing Home (private)	...	...	0
Notified from County Council Nursing Home (now under Hospital Board)	...	...	10
Notified from County Council Nursing Home (now under Hospital Board) (transferred to Hospital)	...	...	1
Survived one month at home	...	...	5
Survived one month at Hospital (St. Mary's Hospital, Portsmouth)	...	...	9
Survived one month at Nursing Home (private)	...	...	0
Survived one month at County Council Nursing Home (now under Hospital Board)	...	...	8
Survived one month at County Council Nursing Home (now under Hospital Board) (transferred to Hospital)	...	...	1

Child Welfare Clinics

				No. of Sessions	Attendances Under 1	Attendances 1—5
Fareham	...	...	...	90	1876	781
Portchester	...	...	...	46	899	727
Sarisbury	...	...	...	22	536	376
Crofton	...	...	...	23	141	307
Titchfield	...	...	...	23	205	91
				204	3657	2282

(4) Ante-Natal

Second, third and fourth Mondays, 2 p.m. (Dr. Filose)

First and fifth Mondays, 2 p.m. (Dr. Hilton).

Methodist Church Hall, Fareham.

First, second, third & fourth Wednesdays, 2 p.m. (Dr. Pike).

Cormorant, Castle Street, Portchester.

Institutional Provisions for Mothers and Children (provided by the Regional Hospital Board)

Blake Maternity Home, Gosport.

Blackbrook House, Fareham.

St. Mary's Hospital, Portsmouth.

Ante-Natal Clinics, 1951.

	Sessions	Attendances
Fareham	49	422
Portchester	47	402
Salisbury (suspended after March)	3	16
	—	—
	99	840
	==	==

(No ante-natal clinics held at Crofton or Titchfield)

- (5) **School Medical Inspections** are arranged by the County Medical Officer by appointment. School children can attend the Child Welfare Centre, Methodist Hall, King's Road, Fareham, first and third Fridays, 9.15—10.15 a.m. for medical examination and advice only. (No treatment).

- (6) **Minor Ailments.**—School Clinic—Monday to Friday, 9.30—10.30 a.m., 2 Stoke Road, Gosport.

- (7) **Child Guidance**

Thursday (mornings and afternoons) by appointment.
School Clinic, Spring Garden Lane, Gosport.

- (8) **Dental Clinic**

Emergency clinic held at the Foresters Hall, West Street, Fareham, first and third Thursdays (morning and afternoon) for *urgent* cases only. Other cases by appointment at Fareham and Portchester.

- (9) **Eye Clinic**—by appointment at Fareham.

- (10) **Orthopaedic Surgeon's Clinic**

Third Tuesday, even months, 10 a.m.
Methodist Church Hall, Fareham.

Orthopaedic Minor Clinic

Third Thursday, 10 a.m.
Methodist Church Hall, Fareham.

Orthopaedic Remedial Clinic

Mondays and Thursdays (all day)
Methodist Church Hall, Fareham.

Now the responsibility of the Regional Hospital Board and administered by Lord Mayor Treloar Orthopaedic Hospital Management Committee.

- (11) **Cleansing Clinics**

Fridays, 9.30 a.m.
Holy Trinity Church House, Fareham.

(12) Speech Therapy

Tuesdays and Fridays, 9.30 a.m. and 2 p.m.

St. John Ambulance Brigade Hut, Fareham.

Mondays and Thursdays, 9.30 a.m. and 2 p.m.

"The Gables," Spring Garden Lane, Gosport.

(13) Vaccination

Under the National Health Service Act, 1946, vaccination is now carried out free of charge by any registered Medical Practitioner who has signified his willingness to accept the scheme.

Parents with children and persons requiring vaccination should contact their own National Health Doctor who will perform this service free of charge.

Special Note.—Parents are advised to have their children vaccinated and the best age is about the fourth month.

(d) Hospitals

There are no general hospitals in the Urban District, but hospital services are available at Portsmouth, Southampton and Winchester; the nearest is Portsmouth, nine miles away. By arrangement with the latter authority, infectious diseases cases from the Urban District are sent to the Portsmouth Hospital for Infectious Diseases; and facilities for maternity and other cases are available at St. Mary's Hospital, Portsmouth. Maternity cases are also sent to Blackbrook Maternity Home, Fareham.

Special hospital facilities are provided for smallpox; and for tuberculosis, treatment is available at Chandler's Ford, Bishopstoke and Winchester.

(e) Diphtheria Immunisation

The arrangement made in 1947 to carry out immunisation at the smaller child welfare clinics at Stubbington and Titchfield was continued in 1951. Immunisation is also carried out at Sarisbury child welfare clinic. The special clinic at Fareham has been held bi-monthly, as parents generally take the option to have their children immunised by the family doctor at the surgery.

Parents are invited to bring their children from eight months of age to their nearest clinic and they are offered, at the same time, the choice of inoculation by the family doctor. The notifications of births furnished by the County Medical Officer are the basis of the invitations to parents and the response is generally good. Non-attenders are re-invited to attend at a later date. The invitations to parents are in the form of the prepaid card and propaganda slip issued by the Ministry of Health, which is followed on the parents' acceptance, by an invitation to attend the next clinic or arrangements with the family doctor, according to the parents' wishes.

Immunisation against diphtheria was also carried out in 1951 in both maintained and non-maintained schools.

The completed number of immunisations since 1937 are given below by year of age and year of immunisation, until the completion of the fourteenth year of age.

The inoculation rate is satisfactory between the ages of 1 and 14 years of age and there has been an increase in the number immunised under the age of 1 year, 56 in 1951 as against 29 in 1950.

(e) DIPHTHERIA IMMUNISATION

YEAR OF IMMUNISATION																Total
BORN	1951	'50	'49	'48	'47	'46	'45	'44	'43	'42	'41	'40	'39	'38	'37	
AGE	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
1951	56	379	69	10	7	7	5	2	—	—	—	—	1	3	3	542
1950		29	353	56	12	7	16	24	7	7	1	2	1	3	1	519
1949			40	413	94	30	17	33	17	19	18	9	18	7	5	720
1948				59	457	142	30	10	8	19	12	12	13	10	3	775
1947					12	347	105	20	16	16	6	8	4	4	—	538
1946						12	282	121	41	13	19	11	6	5	2	512
1945							10	329	104	41	13	40	50	47	38	672
1944								12	238	84	24	22	19	16	5	420
1943									11	259	133	101	80	139	131	854
1942										15	254	242	216	179	159	1065
1941											5	66	157	122	96	446
1940												4	24	38	23	89
1939													—	17	26	43
1938														1	10	11
1937															3	3
TOTALS	56	408	462	538	582	545	465	551	442	473	485	517	589	591	505	7209

SANITARY CIRCUMSTANCES OF THE AREA.

1. Water Supply

The water supply of the Urban District has been satisfactory both from the point of view of quality and quantity.

The Urban District is supplied from four sources and the number of houses and population served are as follows :—

- (1) Fareham Water Works—supplying Fareham.
5148 houses ; 17,500 population.
- (2) Portsmouth Water Works—supplying Portchester.
2709 houses ; 8,127 population.
- (3) Gosport Water Works—supplying Crofton.
784 houses ; 2,838 population.
- (4) Southampton Water Works — supplying Titchfield,
Locks Heath, Sarisbury and Warsash.
2,558 houses ; 10,232 population.

The supply is free from plumbo solvent in all four cases.

The water supply at Fareham is derived from chalk-subsoil with an underground capacity of 370,000 gallons. The water works, providing storage capacity of 950,000 gallons belonging to the Council of the Urban District, comprises some 36 miles of mains. A modern electric pumping plant was installed shortly before the war and the undertaking is efficiently maintained. The supply is chlorinated at the source.

Periodic sampling of the treated water gave satisfactory results both from chemical and bacteriological analysis.

The water supply of the rest of the Urban District by the Portsmouth Water Company, Southampton Water Works Department and Gosport Water Company, comprises some 74 miles of mains giving a total of 110 miles of water mains in the Urban District.

These supplies are adequate in quality and quantity ; all are chlorinated.

All premises in the Urban District with the following exceptions are on the main supply of one or other of the four supplies :

Fareham. There are 30 standpipes in Fareham supplying 150 houses.

Portchester. Two standpipes are provided in Portchester, but no dwellings are supplied. All premises in Portchester are supplied from the main.

Crofton. All premises in Crofton are on the main supply of the Gosport Water Company with the exception of a few isolated premises.

Sarisbury, Titchfield, Locks Heath and Warsash.

In Sarisbury, Titchfield, Locks Heath and Warsash, the Southampton Water Works Department supplies 2,558 houses and approximately 101 houses remain unconnected to the main supply, and in these cases the supply is from shallow wells.

The Council's scheme for improvement in this connection, envisages the connection of practically all the houses in this area to the main supply ; this scheme was begun in 1947.

All the houses in Hook Village, together with the Hook-with-Warsash Church of England School premises, have now been connected to the mains supply.

2. Drainage and Sewerage.

The modern sewage disposal plant is designed to deal with a dry weather flow of 1,250,000 gallons per day. There are 80 miles of sewers within the Urban District, chiefly in Fareham East and West Wards, and in Crofton, Portchester and Titchfield Wards ; but a part of Titchfield with Warsash, Locks Heath and Sarisbury Wards are at present without any main drainage system.

Sewage from Portchester, Crofton and Titchfield is pumped into the main disposal plant at Fareham.

A report has been presented to the Council suggesting how the areas of the Urban District at present without main drainage could be dealt with. The estimated cost of the work was then £338,500.

The disposal works at Salterns Lane, Fareham, comprise detritus channels, primary settling tanks, secondary settling tanks and storm water storage tanks. The effluent is treated on revolving sprinkler filter beds and passes through humus tanks before discharge to Fareham Creek. The settled sludge is partially digested in special digester tanks and is afterwards dried on sludge beds.

The dry sludge is sold for distribution to farmers. The gas obtained from sludge digestion is employed to run gas engines which are used to drive dynamos and produce electricity for sewage pumping purposes. The surplus electricity produced is supplied to the grid system.

The sewage disposal works are at present overloaded. A scheme has been prepared for the enlargement of these works.

There are four small sewage disposal systems in this area in connection with the Council's housing estates.

3. Refuse Collection.

Weekly collection of refuse is maintained by the Council of the Urban District wholly by direct labour.

There are six refuse collecting vehicles now for this work.

Cesspit emptying is carried out by four vehicles specially equipped with pumping units. Cesspit emptying is done by direct labour. There is one gully-emptyer for cleansing and flushing gully-traps.

Control of fly breeding is carried out at the two refuse dumps in the Urban District by regular spraying with insecticides.

4. Mosquito Control

No reports were received of considerable nuisance during the year. Breeding grounds of *Aedes* species were controlled by spraying as necessary from time to time.

5. Smoke Abatement.

There are 176 factories in the Urban District, 13 of which are smoke-producing. Three of the latter are situated in populous areas and frequent complaints are received from residents.

**6. INSPECTIONS UNDER FACTORIES ACTS,
1937 and 1938**

TABLE (1)

Premises	No. on Register	No. of Inspections	No. of written Notices	No. of occupiers Prosecuted
Factories with mechanical power ...	147	204	14	—
Factories without mechanical power ...	29	51	2	—
Other premises under the Act in which Sect. 7 is enforced by the Local Authority (excluding out-workers' premises ...)	—	—	—	—
Total ...	176	255	16	—

TABLE (2)

	No. of Cases in which defects were				No. of Pros- ecu- tions
	Found	Reme- died	Referred		
			To H.M. In- spectors	By H.M. In- spectors	
Want of cleanliness ...	6	11	—	—	—
Overcrowding ...	—	—	—	—	—
Unreasonable temperature	—	—	—	—	—
Inadequate ventilation ...	—	—	—	—	—
Ineffective drainage of floors ...	—	—	—	—	—
Sanitary Conveniences :—					
(a) insufficient ...	5	1	—	—	—
(b) unsuitable or de- fective ...	2	4	—	—	—
(c) not separate for sexes ...	2	1	—	—	—
Other defects ...	1	2	—	—	—
Total ...	16	19	—	—	—

(There are 11 Outworkers' premises in the Urban District)

Section VI. HOUSING.

URBAN DISTRICT COUNCIL OF FAREHAM.

Housing Progress to 31st December, 1951.

SITE	Houses in Scheme	Com- pleted to 31/12/50	Com- pleted during 1951	Under con- struction at 31/12/51
Aluminium Prefabricated Houses				
Stow Estate, Fareham ...	100	100	—	—
Permanent Traditional Houses				
Gudge Heath Lane, Fareham	82	82	—	—
Salterns, Fareham ...	12	12	—	—
Bellfield, Titchfield ...	38	38	—	—
Osborne Road, Warsash ...	14	14	—	—
Fareham Park, Fareham ...	340	62	96	73
Mays Lane, Stubbington ...	42	42	—	—
Winnards Park, Sarisbury ...	72	70	2	—
Colenso Road, Fareham ...	8	8	—	—
Elmhurst, Fareham ...	51	26	9	16
Mill Road, Fareham ...	50	46	4	—
Hoeford, Fareham ...	24	24	—	—
Orchard Grove and Cranleigh Road, Portchester ...	29	29	—	—
Wicor Mill Lane, Portchester	33	25	8	—
Highfield Avenue, Fareham ...	6	6	—	—
Serpentine Road, Fareham ...	30	10	—	20
Barnes Lane, Sarisbury ...	8	8	—	—
Hunts Pond Road, Locks Heath	12	6	2	4
Hillway, Portchester ...	42	6	12	24
Ranvilles Lane, Catisfield ...	2	2	—	—
Isolation Hospital Site, Fareham	16	—	16	—
Orchard Grove, Portchester ...	12	—	—	12
TOTALS ...	923	516	149	149

Adaptation of Existing Houses and Huttred Camps

— 100 — —

Private Enterprise

— 348 33 8

The above table shows the position to date. There is a considerable amount of work thrown upon the Public Health Department in connection with housing. Frequent requests backed by medical certificates reach the department, seeking assistance in the matter of providing accommodation for persons living in sub-standard premises, often overcrowded. The department in common with others is working under the disadvantages imposed by present-day conditions in which sub-standard accommodation, in caravan and hut and in premises already condemned, is beginning to be commonplace.

SYNOPSIS OF INSPECTIONS

1. Inspections of Dwelling-houses during the year

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	513
(b) Number of inspections made for the purpose	1347
(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	22
(b) Number of inspections made for the purpose	63
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	5
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	221

2. Remedy of Defects during the year without service of Informal Notices

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers	226
--	-----

3. Action under Statutory Powers during the year

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	1
(2) Number of houses rendered fit after service of formal notices :—	
(a) by Owners	1
(b) by L.A. in default of Owners	—

B.—Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	2
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—					
(a) by Owners	...	...	...	...	1
(b) by L.A. in default of Owners	...	...	...	...	—

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	—
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	—

Section VII. INSPECTION & SUPERVISION OF FOOD

This subject has received full attention in the Report of the Chief Sanitary Inspector. Licensing and supervision of pasteurising plant is carried out by the Urban District on behalf of the County Council under the Food and Drugs (Milk and Dairies) Act, 1944.

The Council of the Urban District has adopted the model by-laws in connection with the control of infection in food handling.

**SYNOPSIS OF ANALYSIS
UNDER FOOD AND DRUGS ACT, 1938.**

Report submitted by Mr. C. O. Perry, Chief Inspector, Weights and Measures Office, Basingstoke, for the year ending 31st March, 1952, gives details of samples purchased under the Act, and submitted to the Public Analyst for chemical analysis, together with results obtained :—

ARTICLE	Number taken	
	Genuine	Unsatisfactory
Butter and other Fats	5	—
Drugs	3	—
Milk	150	—
Meat Products	7	—
Spirits	10	—
Other Foods	13	—
	188	—

All the samples proved to be genuine and the 150 samples of milk contained an average of 4.15% of Milk Fat and 9.07 of Non-Fatty Solids.

Section VIII. PREVALENCE AND CONTROL OF INFECTIVE AND OTHER DISEASES

The distribution by age, season and locality of infectious diseases in 1951 is given in the two tables below:

Table No. 1—Notifications of Infectious Diseases, 1951

DISEASE	MONTH												WARDS						TOTAL		
	Jan.	Feb.	Mar.	Apl.	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Crofton	Fareham East	Fareham West	Locks Heath	Portchester East	Portchester West		Sarisbury	Titchfield
Typhoid & paratyphoid fevers ...	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—
Meningococcal infection ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet fever ...	7	2	12	8	5	1	6	1	1	2	2	2	—	3	10	—	26	8	—	—	47
Whooping cough ...	16	25	36	19	9	5	3	—	4	2	1	4	3	11	38	1	44	9	2	14	124
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	6	—	4	3	4	4	3	3	3	2	6	1	2	11	8	1	6	3	3	1	39
Other forms of "	—	—	—	1	1	1	1	1	1	—	—	—	—	1	2	1	—	—	—	1	5
Measles ...	27	92	226	225	138	23	5	3	1	—	1	1	45	172	252	11	82	79	15	44	742
Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia ...	9	3	1	4	2	1	—	—	—	—	3	1	3	3	4	1	7	—	—	—	23
Puerperal pyrexia ...	—	—	—	—	—	—	—	1	4	1	—	—	—	1	2	—	—	—	—	2	7
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia neonatorum	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Malaria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery ...	—	5	2	—	4	—	—	—	—	—	1	12	1	9	9	—	4	1	—	—	24
Food poisoning ...	—	—	—	—	—	—	—	1	—	—	—	6	—	1	5	—	—	1	—	—	7
TOTALS	65	127	281	260	163	36	18	10	13	8	12	27	56	212	332	15	169	101	20	62	53
	1020																				

In addition, one case of Dysentery occurred in the year, but under the existing regulations, is assignable to another local authority area for statistical purposes.

Table No. 2—Notifiable Diseases (Other than Tuberculosis) 1951

DISEASE	TOTAL	AGE											
		0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65+
Typhoid and Paratyphoid Fevers	1	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	47	—	—	3	5	6	24	4	2	2	1	1	—
Whooping Cough	124	7	13	17	19	21	45	1	—	—	—	—	—
Measles	742	21	59	77	87	106	363	19	5	3	2	7	5
Pneumonia	23	—	—	—	—	—	1	1	4	2	3	—	—
Puerperal pyrexia	7	—	—	—	—	—	—	—	1	6	—	—	—
Ophthalmia neonatorum	1	1	—	—	—	—	—	—	—	—	—	—	—
Dysentery	24	—	—	1	2	5	1	3	2	4	4	1	1
Food poisoning	7	—	—	—	—	—	1	—	—	—	5	1	—
	976	29	72	98	113	138	435	28	14	17	15	10	7

In addition, one case of Dysentery occurred in the year, but under the existing regulations, is assignable to another local authority area for statistical purposes

The number of notifiable diseases recorded in the Urban District in 1951 was 976, excluding tuberculosis notifications, which numbered 44.

Included in this figure are 782 notifications for measles, 124 for whooping cough, 47 for scarlet fever and 23 for pneumonia.

Included also are 7 notifications of food poisoning, 24 dysentery and 1 of para-typhoid fever.

The changes in the incidence of the more prevalent infective diseases are shown in the following notifications for the period 1944-1951 :—

	1944	1945	1946	1947	1948	1949	1950	1951
Measles ...	147	534	74	583	158	997	140	742
Scarlet fever ...	71	79	67	28	25	52	74	47
Whooping cough ...	86	100	136	97	196	80	231	124

1. Scarlet Fever

The total number notified was 47. The highest incidence was at ages 5-10 years (24 cases). There were 4 cases at age 10-15 ; 2 at 15-20 and 3 over 20 years of age. The highest incidence was in March. The disease was mild in character and there were no deaths from this cause.

2. Diphtheria

There were no confirmed cases of diphtheria during 1951 and there were no deaths from this cause.

921 children were immunised against diphtheria during 1951, as follows :—

		Age (years)			Total
		0—4	5—9	10—15	
Primary immunisation	...	521	14	7	542
Re-inoculation	...	18	278	83	379
		539	292	90	921

3. Pneumonia

Twenty-three notifications were received during the year as compared with 17 in 1950. Seven of the notified cases occurred at ages 45-65 years ; five at 65 years and over ; and there was one under 10 years.

The total deaths assigned to pneumonia during 1951 numbered fourteen.

4. Puerperal Pyrexia

There were seven notifications for puerperal pyrexia during 1951.

Note.—The alteration in the definition of Puerperal Pyrexia which came into force on 1st August, 1951, has been responsible for an increased number of cases being notified.

5. Erysipelas

No cases of this disease were notified during 1951.

6. Measles

There were 742 notifications of measles. The maximum number of cases (363) in any one age group occurred at ages 5-10. Prevalence at other ages shows 106 notifications at 4-5 years ; 87 at 3-4 years ; 77 at 2-3 years and 59 at 1-2 years. There were 21 notifications in respect of infants under 1 year of age. The disease was mild in character and there were no deaths from this cause. The months showing the highest prevalence were March and April, with 226 and 225 notifications respectively. The highest incidence occurred in the Fareham Wards.

7. Whooping Cough

There were 124 notifications of whooping cough in 1951, 122 of which were in respect of children under 10 years of age. The highest incidence was in March with 36 cases.

One death was assigned to this cause.

8. Malaria

No cases of malaria were notified in 1951.

9. Poliomyelitis

No notifications of poliomyelitis were received during 1951.

10. Dysentery

There has been an increased incidence in Dysentery during 1951. Twenty-four cases have been notified. Fortunately it is a mild form of the disease due to the Sonne bacillus and no deaths were recorded from this cause.

11. Tuberculosis

The total number of new cases of tuberculosis notified during 1951 was 44, of which 39 were pulmonary tuberculosis ; the distribution by ages and mortality is shown in the following table :—

Tuberculosis (New Cases and Mortality) 1951

Age Group	Cases				Deaths			
	Pulmonary M. F.		Other forms M. F.		Pulmonary M. F.		Other forms M. F.	
0—	—	—	—	—	—	—	—	—
1—	—	—	—	—	—	—	—	—
5—	—	—	—	—	—	—	—	—
15—	7	5	—	—	—	—	—	—
25—	9	4	1	3	—	—	—	—
35—	5	2	1	—	1	1	—	—
45—	2	2	—	—	1	—	—	—
55—	1	—	—	—	1	—	—	—
65+	2	—	—	—	2	—	—	—
	26	13	2	3	5	1	—	—

This represents a decrease of 5 on the new cases notified in 1950 and a decrease in deaths of 6 on the 1950 deaths. The incidence rate for total notifications of tuberculosis (44) in 1951 was 1.03 per 1000 population.

The following tables give the number of cases of tuberculosis registered in the Urban District at the beginning and end of 1951 and the number of cases removed from the register during the year :—

Tuberculosis

	Number on Register at beginning of the year 1951		Number on Register at end of the year 1951	
	Pulmonary	Other forms	Pulmonary	Other forms
Males ...	156	40	164	40
Females ...	92	35	101	36
	248	75	265	76

Removals from the Register during 1951

	Pulmonary		Other forms	
	M.	F.	M.	F.
Died	5	1	—	—
Removed from District ...	9	2	—	1
Cannot be found resident in District	1	—	—	—
Recovered	2	1	2	1
Diagnosis not confirmed ...	1	—	—	—
	18	4	2	2

Return of Admissions to Infectious Diseases Hospital

DISEASE	WARDS									Total
	Crofton	Fareham East	Fareham West	Locks Heath	Portchester East	Portchester West	Salisbury	Titchfield	Warsash	
Gastro enteritis ...	—	5	5	—	2	—	—	—	—	12
Scarlet fever ...	—	2	7	—	22	7	—	—	—	38
Whooping cough ...	—	2	8	—	2	—	—	—	—	12
Measles ...	—	1	2	—	2	1	1	—	—	7
Pneumonia ...	—	—	—	—	—	—	—	—	1	1
Puerperal pyrexia ...	2	1	—	—	—	—	—	2	—	5
Ophthalmia neonatorum	—	—	—	—	—	—	—	—	1	1
Chicken pox ...	—	—	1	—	—	—	—	—	—	1
Acute tonsillitis ...	—	2	4	—	1	1	—	1	1	10
Streptococcal throat ...	—	—	—	—	1	1	—	—	—	2
Streptococcal carrier ...	—	—	—	—	1	—	—	—	—	1
Dysentery ...	1	2	2	—	1	1	—	—	—	7
Tuberculosis (pul.) ...	—	—	1	—	—	—	—	—	—	1
Glandular fever ...	—	—	1	—	—	—	—	—	—	1
Peritonitis ...	—	—	—	—	—	1	—	—	—	1
Paratyphoid ...	—	1	—	—	—	—	—	—	—	1
For observation ...	—	1	3	—	4	—	2	1	1	12
TOTAL ...	3	17	34	—	36	12	3	4	4	113

Investigation failed to confirm the diagnosis in 10 out of the 12 cases admitted for observation for the following diseases :— Gastro enteritis 1, dysentery 1, meningitis 3, scarlet fever 2, arthritis 1, sinusitis 1, tonsillitis 1, influenza 1, unspecified 1. Two cases were diagnosed as gastro enteritis and sinusitis respectively.

110 of the admitted cases were sent to the Portsmouth I.D.H., and 3 to the Southampton I.D.H.

Infectious Diseases and Disinfection.

Investigations were made by the staff into cases of infectious disease and reports made dealing with the possible sources of infection, the supervision of contacts and disinfection of premises

Number of visits made during the year	149
Number of premises disinfected	... 96

URBAN DISTRICT COUNCIL

OF

FAREHAM

ANNUAL REPORT

OF THE

CHIEF SANITARY INSPECTOR

FOR THE YEAR

1951.

URBAN DISTRICT COUNCIL OF FAREHAM

PUBLIC HEALTH DEPARTMENT,
19 PORTLAND CHAMBERS, FAREHAM.

January, 1952.

*To the Chairman and Councillors of the
Urban District Council of Fareham.*

Mr. Chairman, Ladies and Gentlemen,

**Annual Report of the Chief Sanitary Inspector
for the Year 1951.**

I have pleasure in submitting my Annual Report on the work of your Sanitary Inspectors for the year ended the 31st December, 1951.

The number of complaints received during the year was 562. Of this number no action was necessary in 87 cases ; 45 complaints were referred to the Engineer and Surveyor for the attention of his Department ; and six complaints were referred to other organisations. Advice was given in five instances.

A summary of the complaints is set out below under the various subjects and the distribution in Wards :—

PREMISES, ETC.	Crofton	Fareham	Locks Heath	Portchester	Sarisbury	Titchfield	Warsash	TOTAL
General Housing Defects	8	61	12	15	7	11	1	115
Reports on re-housing	5	26	4	4	2	7	1	49
Overcrowding	1	1	—	1	—	2	—	5
Verminous Premises	—	6	—	—	1	2	—	9
Water Supply	—	2	3	1	2	2	1	11
Drainage and Cesspools	6	48	9	9	17	3	4	96
Water Closets, Earth Closets, etc.	—	14	—	1	2	—	—	17
Moveable Dwellings and Houseboats	1	—	—	2	1	—	1	5
Rivers, Streams and Watercourses	—	4	5	—	—	—	—	9
Factories	—	2	—	—	—	—	—	2
Smoke Nuisances	—	2	—	—	1	—	—	3
Offensive Trades	1	1	—	2	—	—	1	5
Refuse Collection, Storage and Disposal	—	1	—	2	—	—	1	4
Accumulations of Refuse, etc. ...	—	5	—	5	1	1	1	13
Keeping of Animals	1	3	—	5	1	2	—	12
Food and Food Premises	—	6	—	1	1	—	—	8
Rodent Control	20	93	1	28	20	15	13	190
Miscellaneous	1	3	—	3	2	—	—	9
TOTALS	44	278	34	79	58	45	24	562

**Summary of Inspections and Visits and Notices Served
and Complied with during the Year 1951**

Premises, etc.	In- spec- tions	Notices			
		Served		Complied	
		Inf.	Stat.	Inf.	Stat.
Dwelling-houses :					
Public Health Acts	569	115	2	113	1
Housing Acts	59	21	1	16	1
Housing Applications	106	—	—	—	—
Verminous Premises	17	—	—	—	—
Water Supply	189	14	—	25	1
Drainage and Cesspools	457	57	—	56	1
Water Closets, Earth Closets, etc.	68	14	1	16	1
Infectious Diseases	149	—	—	—	—
Food Poisoning	7	—	—	—	—
Disinfection	96	—	—	—	—
Moveable Dwellings and House- boats	182	1	—	1	—
Rivers, Streams and Water Courses	127	12	—	14	—
Insect Pests	32	—	—	—	—
Factories (including Bakehouses)	255	16	—	11	—
Smoke Nuisances	34	—	—	—	—
Offensive Trades	27	—	—	—	—
Dairies and Milk Shops	160	—	—	—	—
Refuse Collection, Storage and Disposal	68	15	—	11	—
Accumulations of Refuse and Offensive Matter	41	5	—	6	—
Keeping of Animals and Poultry	36	5	—	4	—
Food Shops and Premises	514	15	—	13	—
Shops Acts	45	1	—	3	—
Petroleum Acts	87	—	—	—	—
Miscellaneous inspections & visits	129	1	—	1	—
Work in Progress	49	—	—	—	—
Interviews with Owners, Builders, etc.	258	—	—	—	—
TOTALS	3761	292	4	290	5

1. HOUSING

The number of complaints received during the year relating to the abatement of nuisances and the remedying of defects was 115, including 17 cases requiring no action to be taken.

Inspections and Visits

Number of houses inspected for the abatement of nuisances and the remedying of defects :—				
Public Health Acts	...	201		
Housing Acts	...	22	Total	...
				223
Number of houses in which defects were found :—				
Public Health Acts	...	115		
Housing Acts	...	21	Total	...
				136
Number of inspections made for the purpose :—				
Public Health Acts	...	569		
Housing Acts	...	59	Total	...
				628

Action taken during the Year

(a) Public Health Acts

Number of notices served requiring repairs :—				
Informal	...	115		
Statutory	...	2	Total	...
				117
Number of notices complied with :—				
Informal	...	113		
Statutory	...	1	Total	...
				114

(b) Housing Acts

Number of notices served under Sec. 9 requiring repairs :—				
Informal	...	15		
Statutory	...	1	Total	...
				16
Number of notices complied with :—				
Informal	...	5		
Statutory	...	1	Total	...
				6
Number of houses in respect of which voluntary undertakings were given by owners that houses would not be re-occupied until rendered fit :—				
Voluntary undertaking		6		
Statutory undertaking		1	Total	...
				7
Number of houses closed (but not demolished) in respect of which demolition orders have been made				
				1
Number of houses closed as a result of informal and statutory undertakings made by owners				
				5
Number of houses in respect of which undertakings were cancelled, the houses having been rendered fit for habitation				
...	...	...	...	4

Summary of Work carried out during the Year

Roofs repaired or renewed	...	...	...	60
Chimneys repaired or renewed	...	...	...	15
Eaves, gutters and downpipes repaired or renewed	...	...	...	52
Walls repaired or re-built or rendered impervious to damp	...	...	...	30
Paving of yard repaired or renewed	...	...	...	1
Dampness abated	...	...	...	34
Sculleries repaired or re-built	...	...	...	3
Food stores repaired	...	...	...	1
Sinks repaired or renewed	...	...	...	9
Sink waste pipes repaired or renewed	...	...	...	7
Ceiling and wall plaster repaired	...	...	...	91
Rooms cleansed and re-decorated	...	...	...	4
Floors repaired or renewed	...	...	...	59
Stairs, doors and internal woodwork repaired	...	...	...	31
Windows repaired or renewed	...	...	...	78
Sashcords repaired or renewed	...	...	...	7
Fireplaces, cooking ranges and coppers repaired or renewed	...	...	...	33
Miscellaneous repairs to houses	...	...	...	4

Rehousing

Investigations were made into housing conditions of 60 families requiring alternative accommodation in the Urban District, and 25 cases were investigated on behalf of other local authorities. Resulting from these visits 11 cases of statutory overcrowding were met with.

The number of complaints received under this heading was 49, and a total of 106 inspections and visits were made for the purpose.

Details of the cases dealt with and the results of action taken by the Housing Authority are given in the following Table :—

Classification of Applicants	No. of cases investigated during 1951	Re-housed during 1951
Families living in :—		
Unfit houses	20	13 (8)
Unfit/Overcrowded houses ...	—	1 (1)
Unfit houses associated with disease	—	2 (2)
Overcrowded houses ...	10	5 (3)
Overcrowded houses associated with disease	1	2 (1)
Associated with disease ...	4	4 (3)
Re-housing for Other Reasons :— viz. : Unsuitability, Congestion, pregnancy, etc.	25	15 (13)
Totals	60	42 (31)

The figures in parenthesis () refer to cases recommended for rehousing in the years prior to 1951, the families being rehoused during 1951.

2. WATER SUPPLY

Eighteen samples of well water were taken during the year for bacteriological examination involving supplies to 15 separate dwellings. Particulars are given in the following Table:—

SITUATION	Source	B. Coli	Faecal Coli	Remarks	Action taken (if any)
CROFTON—					
Stubington House School, Stubbington	Well	Nil	Nil	Very satisfactory	No action
Ditto ...	Well	35	Nil	Reasonably satisfactory	No action
Ditto ...	Well (Valve)	30	Nil	Reasonably satisfactory	No action
Ditto ...	Well (Tank)	25	Nil	Reasonably satisfactory	No action
Ditto ...	Well (Tap)	20	Nil	Reasonably satisfactory	No action
LOCKS HEATH					
End Villa, Admiral's Road ...	Well	11	Nil	Bacteriologically satisfactory	Water laid on to house
Heathfield Cottage, Admiral's Road ...	Well	180+	50	Highly contaminated	Water laid on to house
2, Fernleigh, Heath Road ...	Well	35	Nil	Reasonably satisfactory	Water laid on to house
Gipsy Camp, Heath Road ...	Well	13	13	Contaminated	Main not readily available
Ditto ...	Well	17	17	Contaminated	Owner required to lay on water
"Oak Cottage" and "Malvern," Locks Road ...	Well	50	3	Contaminated	Well properly covered
"Glenmoor," Raley Road ...	Well	189+	1	Coliform count excessive	No action
"Universal Stores," Walsash Road ...	Well	3	Nil	Satisfactory	
SARISBURY—					
"The Forge," Lower Swanwick	Well	90	35	Contaminated	Water laid on to house
Caravan, Duncan Road ...	Well	180+	180+	Highly contaminated	Well closed
WARSASH—					
"Sunny Cottages," Fleet End	Well	18	Nil	Satisfactory	Main to be extended
"Rock Cottage," Fleet End ...					
Caravan, Upper Brook ...	Well	180+	12	Contaminated	Well closed

The number of dwelling-houses connected to the water mains during the year is as follows :—

WARD	Result of action by L.A.	Voluntary Connections	Total Connections
Crofton ...	—	—	—
Locks Heath	3	5	8
Sarisbury ...	1	3	4
Titchfield ...	1	3	4
Warsash ...	15	6	21
Totals ...	20	17	37

The following is a summary of the inspections, visits, etc., in connection with water supplies :—

Number of inspections and visits relating to water supplies ...	189
Number of complaints received ...	11
Number of complaints requiring no action ...	3
Number of Notices served :—	
Informal—15. Statutory—0. Total	15
Number of Notices complied with :—	
Informal—26. Statutory—1. Total	27
Number of polluted wells closed as the result of action by the local authority ...	10
Number of houses having piped supplies laid on and standpipes abolished ...	3
Water pipes and fittings repaired or renewed ...	7
Wells repaired and properly covered ...	1

3. DRAINAGE AND CESSPOOLS.

Details of the work carried out by this Department under this subject are set out below :—

Number of complaints received ...	96
Number of complaints requiring no action ...	24
Number of complaints referred to Surveyor's Dept.	27
Number of house drains and cesspools found to be defective ...	57

Number of earth closets and privies converted to water closets :—

(a) As the result of action by the			
local authority ...	...	12	
(b) Voluntary ...	...	17	Total 29
New closet compartments built and equipped	...		6
Closet compartments repaired or cleansed	...		13
Closet pans renewed or cleansed	...		13
Closet seats repaired or renewed	...		3
Flushing cisterns repaired or renewed	...		17
Water supply provided to closets	...		4
Nuisances from depositing pail closet contents—abated			1

5. MOVEABLE DWELLINGS AND HOUSEBOATS.

Five complaints relating to moveable dwellings and houseboats were received. No action was necessary in four cases. The remaining case relating to the occupation of a tent on an unlicensed site was dealt with by informal action; the tent was subsequently removed.

The licensed camping sites were visited regularly during the year and they continue to be maintained in a proper manner.

Three houseboats and one caravan were provided with water from the mains.

6. RIVERS, STREAMS AND WATERCOURSES

The number of complaints received respecting the pollution of ditches, etc., was 9; of which number 3 cases required no action. Informal action was taken in 12 instances and nuisances were abated in 14 cases.

7. FACTORIES (Including Bakehouses)

Number of inspections and visits made to factories	207
Number of inspections and visits made to bakehouses	48
Number of Notices served :—	
Factories—10. Bakehouses—6. ...	Total 16
Number of Notices complied with :—	
Factories—6. Bakehouses—5. ...	Total 11
Remedy of defects :—	
Baking rooms repaired, cleansed and re-decorated	5
Flour storage rooms cleansed and re-decorated	3
Floors and internal fittings cleansed	2
Accumulation of refuse removed	1
Sanitary Conveniences : Insufficient	1
Unsuitable or defective	4
Not separate for sexes	1
Other offences	2

8. DAIRIES AND MILKSHOPS

Visits were made during the year to the three pasteurizing plants in the area which are licensed by the Urban District Council on behalf of the Hampshire County Council. The number of inspections (and visits for sampling purposes) was 160.

Results of the tests on the samples taken are given below :—

	Number of Samples	Samples Passed		Samples Failed Phos- phatase
		Phos- phatase	Meth. Blue	
Pasteurised Milk ...	147	145	147	2
T.T. Pasteurised Milk	12	12	12	—
Totals ...	159	157	159	2

Investigations proved that the reason for the failure of samples in two consecutive weeks to pass the phosphatase test was a faulty diversion valve. This valve was replaced immediately.

The following licences were in force during the year under the Milk (Special Designations) Acts and Regulations :—

Dealers (Pasteuriser's) Licences ...	...	...	3
Dealers Licences to use the designation " Pasteurised "			3
Dealers Licences to use the designation " Sterilised "			4
Dealers Licences to use the designation " Tuberculin Tested " ...	...	...	3
Supplementary Licences Pasteurised	...	...	5
Supplementary Licences Sterilised	...	...	1
Supplementary Licences Tuberculin Tested		...	5

9. REFUSE COLLECTION, STORAGE AND DISPOSAL.

Seventeen complaints were received during the year of nuisances arising from accumulations and objectionable matter deposited on vacant land, etc. No action was found to be necessary in 7 instances.

The number of inspections and visits made under this heading was 109, and 6 offensive accumulations were removed or rendered innocuous as the result of action taken by the Department.

The Council's refuse tips were kept under observation, and arrangements were made for the spraying of tip surfaces with an approved insecticide to prevent nuisances from flies.

10. KEEPING OF ANIMALS AND POULTRY

The number of complaints received under this heading was 12. It was only found necessary to take action in 5 cases to abate nuisances caused by keeping animals and poultry in an uncleanly condition. Four nuisances were abated during the year.

11. VERMINOUS PREMISES

Number of complaints received	...	...	...	9
Number of premises found to be verminous	...	...	...	14
Number of inspections made	...	...	...	17
Number of premises treated	...	...	...	14
Number of treatments given	...	...	...	18

12. INSECT PESTS

Routine spraying of marshland, pools, etc., was carried out at 3 sites for the destruction of mosquitoes.

Treatment was also given to 5 premises for the eradication of other insect pests. Six treatments were given.

13. FOOD AND FOOD PREMISES

(a) Meat and Other Foods

The following is a list of meat and other foods condemned during the year :—

Meat	Beef (Home killed)	...	342-lbs.
	Mutton (Home killed)	...	10-lbs.
Fish	Shrimps	...	12-lbs.
	Kippers	...	2-stones
	Fish cakes	...	36
Canned Foods			
	Meat	... 129 tins	Milk ... 52 tins
	Fish	... 388 tins	Soups ... 20 tins
	Fruit	... 199 tins	Jams, etc. ... 18 tins
	Vegetables	... 90 tins	Miscellaneous 10 tins
Other Foods			
	Bacon	... 117½-lbs.	Pudding
	Cheese	... 7½-lbs.	Mixture, etc. 39-pkts.
	Cheese	... 42-pkts.	Jams, etc. ... 102 jars
	Butter	... 56-lbs.	Porridge Oats 204-pkts.
	Sausages	... 35½-lbs.	Biscuits ... 72½-lbs.
	Rabbits	... 230-lbs.	Potatoes ... 8-lbs.
	Brawn	... 20-lbs.	Onions ... 15-lbs.
	Sweets	... 5-lbs.	Nuts ... 28-lbs.
	Dried Fruit	41¼-lbs.	Eggs ... 120
	Sauces	... 11 botts.	Meat Pies ... 30

(b) Ice Cream

The number of premises registered for the manufacture of ice-cream is 4, and the number registered for the sale of ice-cream is 116. During 1951, 24 licences were issued and changes in occupation of registered premises notified to the Department numbered 8.

Twenty-four samples of ice-cream were taken : the results of the examinations are given in the following Table :—

	Number of Samples	Provisional Grade			
		1	2	3	4
Samples of Ice-Cream :—					
Manufactured in Fareham Urban District	6	4	2	—	—
Manufactured in Other Areas	18	11	3	4	—
Totals ...	24	15	5	4	—

The manufacturers of the ice-cream in respect of which 3 of the 4 samples taken from a dealer in this Urban District proved to be unsatisfactory, are in the area of an adjoining authority, and the matter was therefore referred to the Chief Sanitary Inspector of the local authority concerned. The investigations made into the manufacture of the ice-cream resulted in the production of a satisfactory article.

(c) Food Shops and Food Premises

A total of 514 inspections and visits were made to food premises in the area during 1951, including 90 visits made for the purpose of inspecting unsound food. The details of inspections and visits are given in the following Table, together with the results of informal action taken :—

Class of Premises	Number of Inspections	Informal Notices	Complied with
Butchers	45	—	—
Grocers	126	5	7
Greengrocers and Fruiterers ...	22	3	3
Fishmongers and Poulterers ...	13	—	—
Fried Fish Shops	9	—	—
Ice-cream Premises	141	—	—
Bakers and Confectioners ...	7	1	—
Sweet Confectionery	18	2	1
Cafes, Restaurants, etc. ...	91	1	—
Others	42	3	2
Totals	514	15	13

Details of the work carried out as a result of action by the Department are as follows :—

Shops repaired, cleansed and re-decorated	11
Preparation, storage and rest rooms cleansed and re-decorated	4
Equipment and fittings cleansed	3
Wash basins provided	1
Hot water provided over sinks	5
Floors properly repaired and drained	1
Yards cleansed	2
Sanitary dustbins provided	6
Sanitary accommodation disconnected from food rooms	1
Accumulations of refuse removed	2

(d) Byelaws for the Handling, etc., of Food

The Food Byelaws came into operation in the Urban District on the 31st day of July, 1950.

Eight complaints were received during the year relating to the handling, wrapping and delivery of food, and of this number, 4 cases did not require action to be taken.

The attention of all food handlers with whom contact has been made, has been called to the importance of the provisions of the Byelaws with special reference to cleanliness in handling food in all its stages, and the protection of food displayed in shops against contamination.

14. INFECTIOUS DISEASES AND DISINFECTION

Investigations were made into cases of infectious disease occurring during the year, and reports made dealing with the probable sources of infection, the supervision of contacts and the disinfection of infected premises. The number of visits made under this subject was 149.

The number of disinfections carried out during the year was 96, and included the following :—

Tuberculosis : Deaths	...	3
Removals	...	45
Scarlet Fever	...	41
Other diseases	...	7
Total	...	<u>96</u>

In addition 28 library books were disinfected after being exposed to infection in 10 homes, before being returned to the County Council Library in Fareham.

A specially constructed cabinet was made for the purpose.

15. SHOPS ACTS

Forty-five inspections and visits were made during the year under this heading, and one notice was served and three notices were complied with.

The following work was carried out :—

Sanitary accommodation cleansed and re-decorated	...	4
Closet seats repaired or renewed		3

RODENT CONTROL

The number of enquiries received for assistance in the disinfestation of premises was 190, an increase of 7 over the previous year. The following Table gives details of the work carried out by the Rodent Officer during 1951 :—

	Local Authority's Properties	Dwelling Houses	Agricultural Properties	Business and Industrial	Total
1. Estimated number of properties in district	21	11,093	288	725	12,127
2. Number of properties inspected during 1951 as a result of :					
(a) Notification	2	147	3	36	188
(b) Routine	54	119	21	44	238
3. Number of properties found to be infested :					
(a) By Rats	2	1	3	1	7
Major					
Minor	8	142	4	27	181
(b) By Mice	—	18	—	11	29
4. Number of infested properties treated by the Local Authority	17	132	—	30	179
5. Number of Block Control Schemes carried out	—	5	—	—	5
Number of properties involved	—	60	—	—	60
6. Number of inspections made	87	380	29	111	607
7. Number of notices served					
(a) Treatment	—	—	8	—	8
(b) Structural Works	—	5	—	—	5

Eight notifications were forwarded to the County Agricultural Executive Committee where infestations were found to exist on agricultural land.

SEWER MAINTENANCE TREATMENT

The treatment of sewers was again carried out in July and early January, 1952. Particulars are given below :—

Estimated number of manholes on the sewerage system ... 1408

		Treatment	
		No. 1	No. 2
Total number of manholes test baited	...	186	133
Number of manholes showing " No Takes "	...	133	28
Number of manholes poison baited	...	53	85

R. J. BAKER,

Chief Sanitary Inspector and
Inspector under the Shops
Acts and Petroleum Act.

1914 (2) 7722-1000

The following table shows the results of the tests made on the sewage treatment plant at the City of New York, New York, in the year 1914.

SEWER MAINTENANCE TREATMENT

The treatment of sewage was carried out in the year 1914, and the results are shown in the following table.

Estimated number of persons in the sewage system	
1914	1,000,000
1913	950,000
1912	900,000
1911	850,000
1910	800,000
1909	750,000
1908	700,000
1907	650,000
1906	600,000
1905	550,000
1904	500,000
1903	450,000
1902	400,000
1901	350,000
1900	300,000

E. J. HARRIS

The following table shows the results of the tests made on the sewage treatment plant at the City of New York, New York, in the year 1914.