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Contributors

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Annual Report on the Health of Thornton Cleveleys

For the Year 1956

Law



Medical Officer of Health:

A. H. PENISTAN,
M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.),
F.Soc. M.O.H.

Chief Public Health Inspector and Cleansing Officer:

A. E. BARNES,
M.R.S.I., M.S.I.A., M.I.P.C.,
Certified Meat and Food Inspector



Thornton Cleveleys Urban District Council

HEALTH COMMITTEE - 1956

Chairman : Councillor F. R. CAVE.

Vice-Chairman : Councillor Miss E. PORTER.

Councillor E. BUCKLEY, F.C.A.

Councillor Mrs. I. CASS.

Councillor R. FITTON, J.P.

Councillor Miss M. FLETCHER.

Councillor A. HAMPSON.

Councillor A. L. SIMPSON.

Chairman of the Council :

Councillor R. FITTON, J.P.

PUBLIC HEALTH OFFICERS

Medical Officer of Health :

ARTHUR HENRY PENISTAN, M.B., B.S. (Lond.),
M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.Soc.M.O.H.

Chief Public Health Inspector and Cleansing Officer :

ARTHUR EDWARD BARNES, M.R.S.I., M.S.I.A., M.I.P.C.
(Certified Meat and Food Inspector)

STAFF :

Technical :

Additional Public Health Inspector:
(Certified Meat and Food Inspector).

ERIC SCHOFIELD, C.R.S.H., M.P.H.I.A.

Pupil Public Health Inspector: JEFFREY HILL.
(Commenced 1st April, 1956).

Clerical :

Chief Clerk: Miss S. A. SIMCOCK.

Junior Clerk: Miss T. P. HALSTEAD.
(Resigned 17th March, 1956)

Junior Clerk: JOHN S. SHEDWICK.
(Commenced 1st April, 1956)

QUALIFICATIONS AND DUTIES OF CHIEF PUBLIC HEALTH INSPECTOR

Qualifications :

1. PUBLIC HEALTH INSPECTOR'S CERTIFICATE.
Royal Society of Health and Public Health Inspectors' Joint Board.
2. MEAT AND FOOD INSPECTOR'S CERTIFICATE.
Royal Society of Health.
3. INSTITUTE OF PUBLIC CLEANSING—Certificate.

Duties :

All duties defined in the Public Health Officers' (Outside London) Regulations, which are applicable to an Urban District; and

1. Administration of Rag Flock and Other Filling Materials Act.
2. Administration of Pet Animals Act.
3. Administration of Dealers in Old Metal Act.
4. Authorised Officer, Heating Appliances (Fire Guards) Act, 1952.
5. Investigations—Watercourse and River Pollution.
6. Civil Defence—Part-time Civil Defence Instructor.

QUALIFICATIONS AND DUTIES OF ADDITIONAL PUBLIC HEALTH INSPECTOR

Qualifications :

1. PUBLIC HEALTH INSPECTOR'S CERTIFICATE.
Royal Society of Health and Public Health Inspectors' Joint Board.
2. MEAT AND FOOD INSPECTOR'S CERTIFICATE.
Royal Society of Health.

Duties :

General duties of a Public Health Inspector.

The Health Committee of the Council are concerned directly with the administration of the above-named duties, and the Highways and Sewerage Committee of the Council control the cleansing of streets and the sewerage system in the district.

Thornton Cleveleys Urban District Council

MEDICAL OFFICER'S REPORT

Council Offices
Thornton Cleveleys.

To the Chairman and Members of the
Thornton Cleveleys Urban District Council

Ladies and Gentlemen,

In submitting my report for 1956, I have pleasure in recording that the health of the district has been very satisfactory.

The incidence of infectious disease has been low and for the second year in succession no cases of food poisoning have been notified.

I wish to express my warm appreciation of the devoted services of the Chief Public Health Inspector, Mr. A. E. Barnes, and all members of the staff, at all times.

I have the honour to be, Ladies and Gentlemen,

Your obedient Servant,

A. H. PENISTAN.

VITAL STATISTICS

Home Population (Registrar-General's estimate, mid-1956): 15,930

			M.	F.	Total
Live Births :	Legitimate	...	88	92	180
	Illegitimate	...	4	5	9
			92	97	189

Live Birth Rates per 1,000 of the population :

Crude Rate ... 11.9

Adjusted Rate ... 14.5

		M.	F.	Total
Deaths (All Causes):	Number registered	132	129	261

Death Rate per 1,000 of the population :

Crude Rate ... 16.4

Adjusted Rate ... 12.6

		M.	F.	Total
Stillbirths :	Number registered :			
	Legitimate	1	2	3
	Illegitimate	—	—	—
		1	2	3
		—	—	—

Rate per 1,000 total births : 16

Maternal Mortality :

Number of deaths registered ... Nil

Rate per 1,000 total births ... Nil

Infant Mortality :

Number of deaths registered (under one year) ... 4 ... 3 ... 7

Rate per 1,000 live births ... 37

Neo-Natal :

Number of deaths registered (under four weeks) ... 3 ... 2 ... 5

Rate per 1,000 live births ... 26

Birth, Death and Infantile Mortality Rates (Adjusted):

	Birth Rate	General Death Rate	Infantile Mortality Rate
1950	13.3	14.0	17
1951	13.9	13.7	16
1952	12.8	12.9	35
1953	12.5	10.2	18
1954	11.1	12.4	29
1955	12.1	11.6	46
1956	14.5	12.6	37

VITAL STATISTICS—Continued

	Per 1,000 of Estimated Population					Maternal Mortality Rate	Infantile Mortality Rate
	Live Birth Rate	Crude Death Rate	Death Rate from Tuberculosis of Respiratory System	Death Rate from Cancer	Per 1,000 Total (Live and Still births)	Rate of Deaths under one year per 1,000 Live Births	
MEAN OF FIVE YEARS :							
1951—1955 ...	10.46	16.56	0.09	2.45	1.18	29	
1955 ...	9.90	16.30	0.06	2.20	Nil	46	
1956 ...	11.90	16.40	0.19	3.26	Nil	37	
INCREASE OR DECREASE IN 1956 ON FIVE YEARS' AVERAGE :							
1951—1955 ...	+1.44	—0.16	+0.10	+0.81	—1.18	+ 8	
PREVIOUS YEAR :							
1955 ...	+2.0	+0.1	+0.13	+1.06	Nil	— 9	

1956 — Adjusted birth rate (comparability factor 1.22) — 14.5 per 1,000.

1956 — Adjusted death rate (comparability factor 0.77) — 12.6 per 1,000.

STATISTICAL SUMMARY

Area in statute acres	...	...	...	...	...	...	3,355
Population (1951 census)	...	...	...	...	...	...	15,437
Population (estimated mid-1956)	...	...	...	...	...	...	15,930
Density of population per acre	...	...	...	...	...	...	4.7
Estimated number of inhabited houses (Dec., 1956)	...	...	...	...	...	...	5,888
Average number of persons per house	...	...	...	...	...	...	2.7
Rateable Value	...	...	...	...	...	...	£264,716
Sum represented by a Penny Rate	...	...	...	...	...	...	£1,060
Adjusted Birth Rate per 1,000 population	...	...	...	...	...	...	14.5
Adjusted Death Rate per 1,000 population	...	...	...	...	...	...	12.6
Infantile Death Rate per 1,000 Births registered	...	...	...	...	...	...	37
Maternal Mortality	...	...	...	...	...	...	Nil
Respiratory Tuberculosis Rate per 1,000 population	...	...	...	...	...	...	0.19
Cancer Death Rate (Malignant Neoplasm)	...	...	...	...	...	...	3.26
Influenza Death Rate	...	...	...	...	...	...	Nil
Pneumonia (all forms) Death Rate	...	...	...	...	...	...	0.19
Respiratory Diseases (all forms)	...	...	...	...	...	...	0.25

LOCAL ACTS IN FORCE IN THE DISTRICT DEALING WITH SANITARY ADMINISTRATION

Thornton Urban District Council Act	...	...	31st July, 1923
Thornton Cleveleys Improvement Act	...	...	31st July, 1936
Lancashire County Council (General Powers) Act	1951		

BYE-LAWS

New Streets and Buildings	...	...	...	1926 & 1937
Building Bye-laws (Public Health Act, 1936)	...	...	...	1954
Pleasure Grounds	...	...	...	1938
Bye-laws under Section 15, Food & Drugs Act, 1938	1950			
Bye-laws under Section 81, Public Health Act, 1936	1951			

PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT

By the Lancashire (Central and Western Areas) Review Order, 1934, a part of the Township of Carleton, containing 354 acres, was added to the Urban District on the 1st April, 1934. The district is bounded on the west by the Irish Sea; on the east by the River Wyre; on the north by the Borough of Fleetwood, and on the south by the County Borough of Blackpool.

Consequent upon the addition of a part of Carleton to the district, the Ward boundaries were altered as from 1st April, 1934.

The watercourses of the district flow eastward into the River Wyre.

GEOLOGY

The general sub-soil of the district is clay, which is overlaid with a thick layer of alluvial deposit (blue silt), varying in thickness from four to eight feet. On top of this is a thin layer (about four inches) of peaty matter. This was found in considerable thickness in Butts Road (North Ward) and also in Fleetwood Road (South Ward). On top of this again is a layer of sandy soil or a mixture of soil and clay, varying in thickness from two-and-a-half feet to four feet. The surface covering is about six inches in thickness. From above, downwards, we get (1) surface covering, (2) mixture of soil and clay or sandy soil, (3) peat, (4) blue silt, (5) boulder clay.

CLIMATE

The prevailing wind is a westerly sea breeze, and together with the usually mild winters, produces a temperate and very bracing climate.

AREA AND DETAILS OF POPULATION

As previously mentioned, the area of Thornton Cleveleys was, on the 1st April, 1934, increased by the inclusion of a part of the Parish of Carleton, the total area now being given as 3,355 acres.

The average number of persons per acre is 4.7.

The district is divided into Wards, viz.:

North Ward.—This is the industrial area of the district and has within its boundaries the works of the Imperial Chemical Industries, Ltd. It is bounded on the north by the borough of Fleetwood; on the west by the eastern boundary of South Ward, and on the east by the River Wyre. Its southern boundary cuts the remaining portion of the district roughly in half and forms the northern boundary of East Ward. The number of houses in North Ward is 751.

South Ward.—The western boundary adjoins that of West Ward, and its eastern boundary is a building plot depth west of Fleetwood Road, which it follows throughout the district. It is flat in character and is residential, a portion of Cleveleys being within its boundaries. The number of houses in South Ward is 1,911.

East Ward.—This is the agricultural area of the district and also includes part of the added area. Its boundaries adjoin the North and South Wards, the River Wyre, and the Urban District of Poulton-le-Fylde. The number of houses in East Ward is 1,536.

West Ward.—This ward was reduced in size on the alteration of the boundaries. Its eastern boundary is now a building plot depth east of Cleveleys Avenue. This ward is in the Cleveleys portion of the district, a rapidly-growing seaside resort, which enjoys an increasing popularity, with visitors from inland towns. It is flat in character, with a slight slope eastwards. The number of houses in West Ward is 1,690.

SOCIAL CONDITIONS, INDUSTRIES, ETC.

During the last few years the western portion of the district has rapidly developed as a seaside holiday resort, and with the additional amenities now provided, together with the activities of private builders, the district as a whole has greatly benefited.

The largest employers of labour within the district are the Imperial Chemical Industries, Ltd., who have large chemical and plastic works on the northern boundary. There is still a large portion of the district devoted to agriculture. Many people are employed at the offices of the Ministry of Pensions and National Insurance, which are situated in our area.

During the period under review there has been comparatively little unemployment here.

VITAL STATISTICS

Population at Census, 1951	15,437
Population, mid-1956 (Registrar-General's estimate)	15,930
Number of inhabited houses as at 31st December, 1956	5,888
Average number of persons per house	2.7

BIRTHS

During the year 189 births were recorded by the Registrar-General, comprising 92 males and 97 females.

Birth Rate for district (adjusted): 14.5 per 1,000 as against 12.1 for 1955.

Still-births : 16 per 1,000 (live and still) births.

DEATHS

Based on a population of 15,930, the Registrar-General gives the Death Rate (adjusted) as 12.6 compared with 11.6 for 1955.

The allocation to the various Wards of the district (after excluding transferable deaths and including local residents dying outside the district) is as follows:—

	Males	Females	Total
North	16	12	28
South	37	45	82
East	35	27	62
West	44	45	89
	<hr/> 132	<hr/> 129	<hr/> 261

DEATH RATE PER 1,000 OF POPULATION FOR :

(1) Influenza	Nil
(2) Respiratory Diseases (all forms)	0.25
(3) Pneumonia (all forms)	0.19
(4) Tuberculosis—Pulmonary	0.19
(5) Tuberculosis—Non-pulmonary	Nil
(6) Malignant Neoplasm (Cancer)	3.26

INQUESTS AND INQUIRIES

During the year there were 31 Inquests and Inquiries on residents belonging to the district as follows :—

North Ward

- | | | |
|-------------|-----------|---|
| (1) Male, | 63 years. | Rupture of left ventricle of heart. |
| (2) Male, | 38 years. | Misadventure—asphyxia (gas fumes). |
| (3) Male, | 45 years. | Coronary occlusion due to atheroma. |
| (4) Female, | 3 years. | Misadventure—run over by van. |
| (5) Male, | 29 years. | Misadventure—crushed between Rail-way wagon and stationary buffer stop block. |
| (6) Male. | 72 years. | Coronary Infarction due to atheroma. |
| (7) Male, | 90 years. | Misadventure—collision with van whilst riding his cycle. |

South Ward

- | | | |
|--------------|-----------|-----------------------|
| (8) Male, | 62 years. | Coronary Thrombosis. |
| (9) Female, | 64 years. | Rupture of Heart. |
| (10) Female, | 85 years. | Hypostatic Pneumonia. |
| (11) Male, | 68 years. | Cor pulmonale. |

East Ward

- | | | |
|--------------|-----------|---|
| (12) Male, | 71 years. | Myocardial fibrosis. |
| (13) Male, | 58 years. | Coronary Thrombosis. |
| (14) Female, | 66 years. | Myocardial infarction due to coronary athero-sclerosis. |
| (15) Male, | 58 years. | Coronary Thrombosis. |
| (16) Male, | 53 years. | Cerebral Haemorrhage. |
| (17) Male, | 21 years. | Cerebral Haemorrhage—road accident. |

West Ward

- | | | |
|--------------|-----------|---|
| (18) Female, | 81 years. | Accidental—shock due to burns through clothing catching fire. |
| (19) Female, | 86 years. | Myocardial degeneration. |
| (20) Female, | 42 years. | Cardiac Infarction right ventricle due to coronary thrombosis. |
| (21) Male, | 79 years. | Uraemia due to atony bladder due to bilateral hydronephrosis. |
| (22) Male, | 62 years. | Myocardial degeneration due to coronary atheroma. |
| (23) Male, | 42 years. | Mitral stenosis. |
| (24) Male, | 73 years. | Aortic Valvular disease. |
| (25) Female, | 57 years. | Misadventure—knocked down by tram car. |
| (26) Female, | 76 years. | Misadventure—knocked down by motor car. |
| (27) Male, | 80 years. | Accidental death—accelerated by falling on promenade. |
| (28) Male, | 47 years. | Injuries received when van he was driving was driven over wall. |
| (29) Male, | 1 hour. | Prematurity. |
| (30) Female, | 84 years. | Myocardial degeneration. |
| (31) Female, | 18 years. | Congenital heart disease. |

AGES AT DEATH

	Males	Females	Total
Under one week	3	2	5
One week to six months	—	1	1
Six to twelve months	1	—	1
	—	—	—
Total under one year	4	3	7
One to five years	—	1	1
	—	—	—
Total under five years	4	4	8
5 to 15 years	—	—	—
15 to 25 years	1	1	2
25 to 45 years	3	2	5
45 to 65 years	44	20	64
65 years and over	80	102	182
	—	—	—
	132	129	261

CAUSES OF DEATH

	Males	Females	Total
All Causes	132	129	261
Tuberculosis—respiratory	3	—	3
Malignant neoplasm—stomach	5	4	9
Malignant neoplasm—lung, bronchus	7	—	7
Malignant neoplasm—breast	—	8	8
Malignant neoplasm—uterus	—	2	2
Other malignant & lymphatic neoplasms	11	15	26
Leukaemia, aleukaemia	—	1	1
Diabetes	1	1	2
Vascular lesions of nervous system	12	16	28
Coronary disease—angina	25	16	41
Hypertension with heart disease	2	5	7
Other heart disease	25	35	60
Other circulatory disease	5	3	8
Pneumonia	2	1	3
Bronchitis	11	4	15
Other diseases of respiratory system	4	—	4
Ulcer of stomach and duodenum	2	—	2
Gastritis, enteritis and diarrhoea	—	1	1
Nephritis and nephrosis	1	—	1
Hyperplasia of prostate	2	—	2
Congenital malformations	—	1	1
Other defined and ill-defined disease	10	12	22
Motor vehicle accidents	3	2	5
All other accidents	1	2	3

INFECTIOUS DISEASE

There were 128 cases of Infectious Disease notified during the year, as against 203 cases in 1955, and were as follows :—

			Total cases notified	Cases admitted to Hospitals or Sanatoria		Total Deaths
Scarlet Fever	...	...	16	...	—	—
Whooping Cough	...	...	25	...	—	—
Measles	...	...	55	...	—	—
Pneumonia	...	...	1	...	—	3
Erysipelas	...	...	2	...	—	—
Sonne Dysentery	...	...	1	...	—	—
Chicken Pox	...	...	23	...	—	—
Pulmonary Tuberculosis	...	...	5	...	3	3
Non-pulmonary Tuberculosis	...	...	—	...	—	—
			128	...	3	6

The distribution in relation to the Wards of the district is as follows :—

			North	South	East	West	Total
Scarlet Fever	...	...	—	1	8	7	16
Whooping Cough	...	...	4	6	10	5	25
Measles	...	...	—	10	36	9	55
Pneumonia	...	...	—	—	—	1	1
Erysipelas	...	...	—	—	1	1	2
Sonne Dysentery	...	...	—	—	1	—	1
Chicken Pox	...	...	1	5	2	15	23
Pulmonary Tuberculosis	...	...	2	—	1	2	5
Non-pulmonary Tuberculosis	...	...	—	—	—	—	—
			7	22	59	40	128

CASES NOTIFIED

The following Table shows the number of cases and the months in which they were notified.

DISEASE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
Scarlet Fever	3	—	1	6	—	1	2	—	—	1	2	—	16
Whooping Cough	4	8	2	—	1	1	—	—	1	1	5	2	25
Measles	—	—	—	1	—	3	—	2	—	2	—	47	55
Pneumonia	—	1	—	—	—	—	—	—	—	—	—	—	1
Erysipelas	—	2	—	—	—	—	—	—	—	—	—	—	2
Sonne Dysentery	1	—	—	—	—	—	—	—	—	—	—	—	1
Chicken Pox	1	—	—	1	8	10	—	3	—	—	—	—	23
Pulmonary Tuberculosis	1	—	1	—	—	—	—	1	—	—	1	1	5
Non-pulmonary Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—
	10	11	4	8	9	15	2	6	1	4	8	50	128

CASES NOTIFIED—AGE PERIODS

DISEASE	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	Total
Scarlet Fever	—	—	1	1	1	12	1	—	—	—	—	—	16
Whooping Cough	—	—	2	2	3	17	1	—	—	—	—	—	25
Measles	—	2	1	3	6	43	—	—	—	—	—	—	55
Pneumonia	—	1	—	—	—	—	—	—	—	—	—	—	1
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	2	2
Sonne Dysentery	—	—	—	—	—	—	1	—	—	—	—	—	1
Chicken Pox	—	—	4	1	1	13	1	1	1	—	1	—	23
Pulmonary Tuberculosis	—	—	—	—	—	—	—	1	2	—	2	—	5
Non-pulmonary Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS	—	3	8	7	11	85	4	2	3	—	3	2	128

TUBERCULOSIS

The following Table shows the age periods of the cases notified.

	NEW CASES				DEATHS			
	PULMONARY		NON-PULMONARY		PULMONARY		NON-PULMONARY	
	Males	Females	Males	Females	Males	Females	Males	Females
1 - 5 years	—	—	—	—	—	—	—	—
5 - 10 years	—	—	—	—	—	—	—	—
10 - 15 years	—	—	—	—	—	—	—	—
15 - 20 years	1	—	—	—	—	—	—	—
20 - 25 years	—	—	—	—	—	—	—	—
25 - 35 years	1	1	—	—	1	—	—	—
35 - 45 years	—	—	—	—	—	—	—	—
45 - 55 years	1	—	—	—	1	—	—	—
55 - 65 years	1	—	—	—	1	—	—	—
65 and upwards	—	—	—	—	—	—	—	—
Totals	4	1	—	—	3	—	—	—

BACTERIOLOGICAL EXAMINATIONS

These are carried out at the Public Health Laboratories at Manchester and Blackpool. Examination of sputum for the tubercle bacillus is carried out at Elswick Sanatorium.

SUMMARY OF NURSING ARRANGEMENTS

Hospitals and other Institutions available for the District Nursing, Professional Nursing in the Home

(a) In July, 1923, through the Thornton Cleveleys District Nursing Association, which is affiliated to the Queen Victoria Jubilee Institution of Nurses, the district was provided with a Nurse or Nurses, as occasion required. The service has given entire satisfaction and is a boon to the district.

Number of cases visited during the year	...	...	308
Number of visits made during the year	...	...	7,079

(b) **For Infectious Diseases.** No action has been required, but a Nurse will be engaged if necessary.

MATERNITY AND CHILD WELFARE

The following services are administered by the Health Committee of the Lancashire County Council and the information has been obtained from the Divisional Medical Officer of Health. One clinic is situated in the Thornton area and a new clinic was opened in the Cleveleys area on the 10th September, 1956.

				Thornton Child Welfare Clinic		Cleveleys Child Welfare Clinic
(a)	Number of occasions Centre was open			51	...	15
(b)	Individual children attending :					
	Under one year	...	...	99	...	78
	1 to 2 years	...	...	78	...	38
	Over 2 years	...	...	101	...	42
(c)	Attendances of children :					
	Under 1 year	...	...	2831	...	482
	1 to 2 years	...	...	792	...	99
	Over 2 years	...	...	700	...	53
(d)	No. of expectant mothers	...	...	Nil	...	Nil

Treatment : Tuberculosis is dealt with by the County Tuberculosis Officer on notification. Venereal disease cases attend the Blackpool Centres at Victoria Hospital, Blackpool, and Fleetwood Hospital.

Nursing Homes. There are two within the district.

Hospitals. None in the district. Cases are sent to Blackpool, Fleetwood, Preston, Manchester, etc. Ambulance facilities are good and hospital facilities for Infectious Disease are satisfactory. The district is provided with hospital accommodation for smallpox at Elswick; infectious disease at Blackpool Isolation Hospital; Sanatorium treatment at Elswick, Grange, High Carley and other centres.

FOOD POISONING OUTBREAKS

No of Cases	No. of Deaths	Organisms or other agents responsible	Foods involved
None	None	None	None

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT

Council Offices,
Thornton Cleveleys.

**To the Chairman and Members of the
Thornton Cleveleys Urban District Council.**

Ladies and Gentlemen

I have the honour to present the Annual Report on the work of the Sanitary and Cleansing Department of the Council for the year 1956. This has been prepared in collaboration with the Medical Officer of Health, thus repetition has been avoided.

During the year the work of the department has proceeded satisfactorily and much time and energy has been expended to improve the general standard in the environmental health field. Day to day attention has been given to the improvement of living conditions, safety of food supplies and other health measures, and although these activities are not spectacular in character, they cover a much wider field than is usually appreciated by the general public.

It was found necessary, during the summer months particularly, to increase the number of employees engaged on refuse collection and a weekly collection of refuse and salvage was maintained throughout the period. The increase in the number of houses during the past few years has placed a great strain on the number of vehicles and manpower available. The collection and sale of wastepaper and other forms of salvage has continued throughout the year and no difficulty has been experienced in its disposal.

A considerable amount of time has been devoted to the inspection of food premises and premises coming within the scope of the Food Hygiene Regulations, 1955-56. Generally, the premises were satisfactory, but several require improvement to bring them up to accepted modern hygienic standards. The work done by co-operation with the traders concerned—in many cases at some considerable expense—has contributed to the improvement in food hygiene in the district. It is pleasing to note that many shopkeepers are now realising the advantages to be gained by a clean and attractive shop. Much work with respect to the improvement of food premises and food handling premises, still remains to be done.

The housing position remains difficult and there are still some people waiting for houses. In a district such as ours with a fairly large aged population, the provision of the bungalows and flats is greatly appreciated by the occupiers, but many more are needed.

I desire to pay a sincere tribute to the members of the Council and the Health Committee for their help and ever-ready co-operation in all matters affecting the sanitary conditions of our district.

I especially thank the members of my staff for their helpful and loyal co-operation during the year.

I am, Ladies and Gentlemen,

Your obedient Servant,

ARTHUR E. BARNES.

SANITARY CIRCUMSTANCES IN THE AREA

WATER SUPPLY

The district is supplied by the Fylde Water Board, the water being of good quality, pleasantly soft and of a peaty nature. Only one outlying house depends on well water.

Nine samples of water were obtained from the mains supply. Five were submitted for chemical analysis, 4 proving satisfactory and one not quite so satisfactory, but this was due to the container in which the sample was taken. Four samples submitted for bacteriological examination were satisfactory.

The water supply has been satisfactory in quality and quantity throughout the year.

Statistics

Total number of houses supplied by the Fylde Water Board	...	5,887
Total number of houses dependent upon well water	...	1
		<hr/> 5,888

The only house in the district dependent upon well water is remote from any mains supply and it would be impossible, except at exorbitant cost, to have it connected to the mains supply.

DRAINAGE AND SEWERAGE

Owing to the flat nature of the district, a system of electrical pumps and ejectors worked by compressed air, is in operation. The sewage is discharged near dead low water mark into the sea. No extensive additions were made to the sewers during the year, but additions were made to drain the Council's housing estates and other estates.

Statistics

Dwelling houses using water carriage system	...	5,862
Dwelling houses using waste water closets	...	—
Dwelling houses using privy middens	...	1
Dwelling houses using pail closets	...	25
		<hr/> 5,888

Conversions during the year

There were no conversions during the year and it will not be possible for further conversions to take place until the sewers are extended. The 26 premises without modern sanitary accommodation are farms or outlying cottages and to which no sewers are available. There is still one privy midden which has not yet been converted to a pail closet.

DRAINAGE

There are some premises in the district which are not connected to the Council's sewers, but which have septic tanks and filters, some of which discharge to adjacent watercourses. Some of these are not satisfactory but are mostly in districts where no sewers are available.

It is to be hoped that the provision of a sewer in the Briar Road area will be carried out in the near future. This, and the connection of the drains from the premises to the sewer, is one that requires urgent consideration. The Council have this matter in hand.

Improvements obtained as a result of action by the Department

1. New drainage system provided to dairy and farmhouse premises (previously discharging to pond and causing nuisance).	1
2. Septic tank and filter cleansed and filter renewed	2
3. New length of drain laid from trap to sewer	1

The drainage from some farm premises was under review by the department at the end of the year, surveys and tests of the drainage systems having been carried out during the year.

Statistics

Total number of drains cleansed by the department	266
--	-----

The department employs a man part-time on drainage work, the cost of clearing and cleansing the blocked drains being borne by the owner or occupier. This service to the public is much appreciated and also helps in the efficient working of the department. Preparation and service of notices is thus avoided, unless the blockage is due to structural defect of the drains.

PIG-KEEPING IN THE AREA, MID-1956

Number of premises keeping pigs	24
Number of pigs being kept	1,145
Number of premises where improvements are contemplated or have been carried out during the year	4
Number of inspections carried out during the year	48

Improvements, etc. made at Piggeries during 1956

Construction of midden stead	4
Limewashing of pig sty	1
Accumulations of manure removed	3
New drainage laid	1

PUBLIC CLEANSING

The work of the Public Cleansing section of the department has proceeded in a satisfactory manner. The collection of household refuse and salvage is carried out by a 16 cu. yd. S.D. (Newcastle type) side-loading freighter, with a cab to accommodate driver and 4 loaders; also a "W" type S.D. 16 cu. yd. side-loading freighter, with a cab to accommodate driver and four loaders. A special weekly collection of wastepaper salvage from shop and business premises is carried out by one 11 cu.yd. S.D. freighter.

Throughout the year a weekly collection of refuse and salvage from all premises in the district, was maintained. This is essential if we are to maintain our salvage collection. During the year an order was placed for one fore and aft S.D. tipping vehicle, and delivery is expected early in 1957.

Costings—Refuse Collection (Year ending 31st March, 1957)

Total gross cost involved: collection of house,				£	£	£
shop, and trade refuse	...	...	...			9,923
Profit—Salvage : Sales	...	...	...	2,181		—
Cost	...	...	...	1,421		—
				—	760	
Income—Trade refuse, etc.	...	...	...		88	
					—	848
						£9,075
						£
Expenditure per 1,000 houses per annum	...	...	...			1,541
Expenditure per 1,000 population per annum	...	...	...			570

DISPOSAL OF REFUSE

The Council own a plot of land approximately 9 acres in extent, for the purpose of refuse disposal, and at the end of the year it was estimated that 2 acres were still available. On our present yield this land will give us tipping facilities for another one to two years. We use approximately $1\frac{1}{2}$ acres per year on our present depth of tipping.

The Council are actively pursuing a land reclamation scheme near the River Wyre, on the easterly side of the district and it is hoped in the near future that there will be land available on this site for the disposal of refuse.

During the year, the question of mechanical aids with regard to refuse disposal, was investigated and for the time being no action is being taken.

Costings—Refuse Disposal (Year ending 31st March, 1957)

Number of loads	...	...	...	...	...	...	2,396
Estimated weight (tons)	...	...	...	...	...	...	5,990
Total Cost	...	...	...	...	...	...	1,150
Cost per ton	...	...	...	...	...	...	3/10d.
Cost per 1,000 houses per annum	...	...	...	...	...	...	£195
Cost per 1,000 population per annum	...	...	...	...	...	...	£72

Costings—Refuse Collection and Disposal (Year ending 31st March, 1957)

Total cost	...	...	...	...	...	...	£10,225
Cost per 1,000 houses per annum	...	...	...	...	...	...	£1,034
Cost per 1,000 population per annum	...	...	...	...	...	...	£642

COLLECTION AND DISPOSAL OF SALVAGE

The Council continued with the collection of wastepaper and other salvage and during the year we experienced little difficulty in disposing of it. The price received for the sale of baled wastepaper remained steady and at the 31st December, 1956, we were receiving £7 10s. 0d. per ton. The tonnage of all salvage collected was slightly higher than the previous year. During the 16 years ending 31st December, 1956, just over 3,000 tons of salvage have been disposed of for a sum of £20,693, a yearly average over the period of 187 tons collected and average income of £1,293.

Thanks are again due to all the workmen engaged on refuse and salvage collection and disposal, for the co-operation they have given during the year.

Salvage disposed of during the year ending 31st December, 1956

	1956			1956			1955		
	tons	cwts.	lbs.	£	s.	d.	tons	cwts.	lbs.
Waste Paper	248	4	56	1,889	0	4	240	5	35
Parchment Paper	12	2	21	90	16	7	15	19	70
Loose tins	19	3	84	43	10	1	21	19	0
Mixed Rags	2	16	82	79	8	6	1	15	105
Carpet and String	1	10	43	7	11	11	0	18	50
Mixed Iron	9	17	0	24	12	6	6	8	56
Mixed Metals	0	3	90	24	1	0	0	0	15
	293	18	40	£2,159	0	11	287	6	107

REFUSE COLLECTION STATISTICS

1956

(Jan.—Dec.)

Estimated tonnage collected	...	...	...	...	5,905
Total mileage run by vehicles	...	...	...	...	18,685
Number of visits to premises	...	...	...	...	301,726
Number of ashbins emptied	...	...	...	...	338,603

Employees

Foreman	...	...	...	...	1
Motor Drivers	...	...	...	...	3
Refuse and Salvage Collectors	...	...	...	...	12
Paper Balers	...	...	...	...	1
Tip attendant	...	...	...	...	1

Total: 18

The above figures show the minimum labour requirements of the department and it was found necessary during the year to supplement them from time to time, particularly during the holiday period.

In this district the building of houses yearly is increasing and during the past 11 years the number of houses has increased by approximately 1,300.

The number of loads of refuse and the estimated weight collected; the visits to premises and vehicle mileage, have all increased over the previous year. This question is constantly under review and additional labour is employed as the occasion arises.

MONTHLY ANALYSIS OF REFUSE COLLECTION AND DISPOSAL

Month	Loads	Approx. tonnage	Visits to premises	Ashbins emptied	Mileage
January	190	475	25,667	28,558	1,409
February	180	450	25,845	28,775	1,629
March	196	490	23,893	26,558	1,518
April	212	530	24,154	27,291	1,550
May	216	540	22,504	24,676	1,476
June	194	485	25,247	27,294	1,635
July	202	505	23,661	28,314	1,543
August	244	610	25,970	31,926	1,482
September	180	450	30,373	33,524	1,877
October	192	480	26,842	29,513	1,646
November	186	465	26,354	29,036	1,614
December	170	425	21,216	23,138	1,306
	2,362	5,905	301,726	338,603	18,685

SANITARY INSPECTIONS

The following table shows the number of inspections carried out during the year :

Number of premises visited	...	...	...	...	2,819
Number of defects or nuisances discovered	...	...	...	...	315
Number of defects or nuisances abated	...	...	...	...	307
Number of informal notices served	...	...	...	...	33
Number of statutory notices served	...	...	...	...	3

Work carried out

Sanitary Accommodation :

Defective joints in flush pipes repaired	...	...	...	...	2
Water closets reconstructed	...	...	...	...	1
Water closets provided with new pedestals	...	...	...	...	4
W.C. basins and traps cleansed	...	...	...	...	1
Defective W.C. cisterns repaired	...	...	...	...	5
Pail closets provided	...	...	...	...	2
Additional W.C.s provided	...	...	...	...	4

Drainage and Yards :

Drains relaid	...	...	...	...	9
Provision of new gully grid	...	...	...	...	1
Soil pipes and ventilating shafts improved or repaired	...	...	...	...	2
Yards paved and repaired	...	...	...	...	2
Yard wall rebuilt	...	...	...	...	1
Septic tank emptied and filter renewed	...	...	...	...	2
Drains cleansed and freed from obstruction	...	...	...	...	266

Housing :

Windows repaired or new ones provided	...	...	...	...	15
Provision of damp-proof course	...	...	...	...	1
Floors of dwellings re-laid or repaired	...	...	...	...	9
Dilapidated walls and ceilings repaired	...	...	...	...	17
Walls repointed or cement rendered	...	...	...	...	7
Defective spouting repaired or replaced	...	...	...	...	9
New sinks provided	...	...	...	...	2
Defective fireplaces and firegrates repaired	...	...	...	...	5
Rising dampness remedied	...	...	...	...	9
Chimneys repointed or repaired	...	...	...	...	3
Roofs repaired and made weatherproof	...	...	...	...	8
Waste pipes provided or repaired	...	...	...	...	3
Sub-floor ventilation improved	...	...	...	...	2
Provision of air bricks (for ventilation)	...	...	...	...	1
Defective doors repaired or new ones provided	...	...	...	...	1

Other Works :

Dykes cleansed	...	...	...	...	1
Middenstead reconstructed	...	...	...	...	4
Offensive accumulations removed	...	...	...	...	5
Smoke nuisances dealt with	...	...	...	...	2
Provision of washbasin in bakehouse	...	...	...	...	1
Food factory redecorated	...	...	...	...	1
Various	...	...	...	...	3

SUMMARY OF VISITS MADE

Number of complaints received and investigated	244
Visits to defective drains and drains tested, etc.	221
Drains cleansed from obstruction	266
Visits to owners, agents and contractors	42
Inspections of dairies, milkshops and vehicles	55
Visits to food preparation rooms	11
Visits to food premises under Food Hygiene Regulations	481
Visits to fish friers' premises	1
Visits to butchers' shops	11
Visits re unsound foodstuffs	19
Visits to bakehouses, restaurants, cafe-kitchens, snack bars	9
Visits to premises where Ice Cream is sold	9
Visits re slaughter of pigs	2
Inspection of piggeries	48
Inspection of Shops (Shops Act, 1950)	808
Samples taken :—	
Ice Cream	34
Milk (all kinds)	162
Food (County authorities)	26
Water	9
Visits to factories and workplaces	126
Visits to caravans and sites	65
Visits to infectious diseases	143
Visits re rodent control (eradication)	612
Visits re rodent control (search and survey)	39
Visits re test baiting of foul sewers—manholes baited	815
Visits re other vermin	40
Visits re refuse and salvage collection and disposal	1,611
Articles disinfected	73
Premises disinfected	14
Articles destroyed	37
Enquiries re Council house tenancies	440
Inspection of tenanted Council houses	14
Visits re lodgers in Council houses	10
Housing Survey—old property	10
Visits re Improvement Grants	18
Housing Inspections under Public Health Act	137
Housing Inspections under Housing Acts (defects, etc.)	240
Intimation and verbal notices served	33
Statutory Notices served	3
Inspections under Pet Animals Act	9
Inspections under Rag Flock Act	4
Smoke, Smell and Noise observations	17
Visits re sanitary accommodation	2
Visits re water under floors and flooded gardens	7
Visits to hawkers and hawkers' premises	2
Visits re nuisances	4
Visits re flooding in area (dykes and watercourses)	55
Inspections of Offices	19
Miscellaneous Inspections	119

7,176

PUBLIC HEALTH ACT, 1936—HOUSING ACTS, 1936-49

Details of Statutory Notices served

Act and Section	Reason for Notice	No. of Notices served	No. of Notices Complied with at end of year
Housing Acts, 1936, to 1949, and Housing Repairs and Rents Act, 1954. Section 9.	... Housing defects ...	3	1

SMOKE ABATEMENT

Some complaints have been received during the year regarding alleged smoke nuisances and these were investigated by the department. Appropriate action was taken where necessary.

OFFICES

Offices in the area are, for the most part, of a modern character and mostly comply with the requirements of the Public Health Act, 1936.

SWIMMING BATHS AND POOLS

There are no public or privately-owned baths or pools in the area which are open to the public.

OFFENSIVE TRADES

There are 10 in number and are confined exclusively to fish friers. Regular inspections are made and conditions are generally found to be satisfactory.

RAG FLOCK & OTHER FILLING MATERIALS ACT, 1951

No premises in the area are licensed for the manufacture of rag flock or other filling materials. There are three premises on the register where filling materials are used.

PET ANIMALS ACT, 1951

One pet shop was on the register at the end of the year. Inspections have been carried out and the premises appear to be conducted in a proper manner, the provisions of the Act being complied with.

PUBLIC HEALTH AMENDMENT ACT, 1907—Section 86

Dealers in Old Metal and Marine Store Dealers

The provisions of the above Act are in operation and two Certificates are in existence in respect of premises in the Thornton area.

SHOPS ACT, 1950

A survey of shops was carried out twice during the year and for this purpose 808 inspections were made. Shops coming within the scope of the Factories Act have been included in the following list, the record of inspections being included under Factories.

Particulars of Shops visited

Grocery and mixed businesses	48
Bakers and confectioners	21
Sweets, tobacco, newsagents	36
Drapers and fancy goods	25
Ladies' and Gents' Hairdressers	23
Outfitters and milliners	31
Fried fish shops	10
Butchers' shops	23
Boot and shoe repairers and retailers	15
Greengrocers, fishmongers and florists	25
Chemists and herbalists	12
Electric, gas, radio, T.V., Cycle, and car dealers	14
Hardware	11
Off Licences	6
China, antiques	3
Plumbers and painters	8
Furnishers	9
Pet Stores	2
Opticians	3
Dyers and cleaners and agents	4
Watch Repairers	4
Photographic Studios	2
Second hand dealers	2
Booking offices and travel agencies	2
Markets	2
Multiple Stores	1

342

MOVEABLE DWELLINGS AND CAMPING SITES

The control of moveable dwellings and camping sites in this area is under the Thornton Cleveleys Improvement Act, 1936, and not the Public Health Act, 1936.

We have no licensed sites but the three in use are approved by the Council and comply with their requirements. They are permitted to be used for the following number of caravans.

No. 1 Site	...	206	caravans
No. 2 Site	...	40	caravans
No. 3 Site	...	30	caravans

Each site has been conducted in a satisfactory manner and there has been no cause for serious complaint from a sanitary point of view.

It has been found upon investigation, that some caravans are being used for permanent habitation. It is not the intention of the Council that they should be so used, but for holiday purposes only. When the housing position improves, it is intended that this practice shall cease.

VERMINOUS PREMISES

Several complaints received during the year were thoroughly investigated, advice and help being given.

Eradication of bed bugs is carried out by private contractors using hydrogen cyanide gas. Minor and new infestations are dealt with by the department in co-operation with the tenants or owners concerned.

Particulars of Complaints received and Eradictions carried out

Beetles	...	...	Complaints received	...	1
			Eradications	...	1
House fly	...	...	Complaints received	...	1
			Eradications	...	1
Cockroaches	...	...	Complaints received	...	3
			Eradications	...	3
Ants	...	...	Complaints received	...	33
			Eradication	...	33
Silver Fish	...	...	Complaints received	...	1
			Eradications	...	1

RODENT CONTROL

The test-baiting of foul sewers was carried out during the year and for this purpose 182 manholes were test baited. Of these, 11 were surcharged and in the remaining 171, no takes were observed. An exemption certificate was received from the Divisional Rodent Officer, Ministry of Agriculture and Fisheries, for the period ending 31st March, 1958.

The charges for treatment are as follows :—

Private dwelling houses	...	...	7/6d.
Boarding houses, hotels, business premises	...	...	Time (at 6/6d. an hr.) plus cost of baits

Statistics for year (1st January—31st December, 1956)

No. of complaints received	65
No. of infestations	54
No. of visits for purposes of eradication	612
No. of premises successfully treated by L.A.	54
No. of visits made—search and survey	39

PREVENTION OF DAMAGE BY PESTS ACT, 1949

It was not found necessary to serve any Statutory Notices under the provisions of the above Act. A few intimation notices were served and these were usually sufficient to secure the co-operation of the people concerned.

We experienced no difficulty with regard to the operation of the Act.

Statistics for 12 months ended 31st December, 1956

	TYPE OF PROPERTY		
	Non-Agricultural		Agricultural
	Dwelling-houses	All other	
(a) No. of properties in district	5,888	642	60
(b) No. of properties inspected	33	25	7
(c) Total Inspections carried out (including re-inspections)	301	225	86
(d) No. of properties inspected which were found to be infested by :—			
Rats—major	—	—	2
minor	17	12	5
Mice—major	—	—	—
minor	11	9	—
(e) No. of infested properties treated	27	21	6
(f) Total treatments carried out (including re-treatments)	27	21	6
(g) No. of “Block” control schemes carried out	—	—	—

DISINFECTION

Disinfection is carried out by means of a formalin spray or by formalin fumigators. A Thresh steam disinfector in the Council's Depot is also used for bedding, clothing, books, etc.

Disinfection is carried out on request in houses where deaths have occurred from cancer; infectious disease cases removed to hospital, and all cases where deaths have occurred from pulmonary tuberculosis.

Total number of infectious diseases notified	...	...	...	128
Total number of premises disinfected	...	...	...	7
Total number of articles disinfected	...	...	...	178
Total number of articles destroyed	...	...	...	37

SCHOOLS

The general condition of the schools in this area can be considered satisfactory, each being supplied with Fylde water and in each case modern water closets are provided.

The six schools (excluding private schools) are under the control of the Lancashire Education Committee and are inspected as required.

DESTRUCTION OF DOMESTIC PETS

The modern electrical chamber for the destruction of unwanted dogs and cats is in constant use and is greatly appreciated by the public. We also have a cabinet for the destruction of animals by means of chloroform. For a charge of 1/- any person can have a dog or cat painlessly destroyed. The department undertakes the proper disposal of the carcases.

Number of dogs destroyed in 1956	...	...	...	56
Number of cats destroyed in 1956	...	...	...	96

					152
			£	s.	d.
Total income for destruction of animals	...	...	7	12	0
Total income from sale of carcases	...	...	5	0	0
			£12	12	0

SHELL FISH

There are no shell fish beds in our area.

MORTUARY

A modern mortuary possessing equipment in accordance with present-day practice, has been in use throughout the year. It was used on 20 occasions and 17 post-mortems were conducted by the Police Surgeon.

FACTORIES ACT, 1937

Registers are kept of all premises coming within the scope of the Factories Act and regular and frequent inspections are made. Particulars of inspections, defects, contraventions found and remedied, are enumerated in the following tables. There are no underground bakehouses in the district.

1. Inspection of Factories and Other Premises.

Premises	Inspections	No. on Register	Written Notices
Factories (without mechanical power)	43	39	—
Factories (with mechanical power)	125	111	—
Total	168	150	—

2. Defects found in Factories and Other Premises.

	No. of Cases in which Defects were Found			
	Found	Remedied (by end of year)	Referred to H.M. Inspector	No. of Offences in respect of which prosecutions were taken
Sanitary Conveniences—				
(a) Unsuitable or defective	4	—	—	—
(b) Want of cleanliness... ..	2	—	—	—
Want of Cleanliness (Bakehouse)	1	—	—	—
Total	7	—	—	—

3. The following table gives the type of premises in the area coming within the scope of the Factories Act.

Type of Factory	With Mechanical Power	Without Mechanical Power
Bakehouses	22	—
Plumbers and Painters	3	9
General Workers	23	10
Joiners and Builders	13	3
Motor Engineers	9	—
Nurserymen	4	15
Boot and Shoe Repairers	13	2
Hairdressers	19	—
Chemical Works	2	—
Alkali, Plastic and Dyestuffs	3	—
Totals	111	39

HOUSING

Number of New Houses Erected

During the year 388 houses were built in the area.

(i)	By the local authority	...	...	...	...	...	96
(ii)	By other bodies or persons	...	...	...	...	...	292

New Houses Erected in 1956 (Ward Distribution).

North Ward	...	...	...	6
South Ward	...	...	...	240
East Ward	...	...	...	116
West Ward	...	...	...	26
				388

INSPECTION OF DWELLING-HOUSES

1. Inspection of Dwelling Houses during the year :—

- 1.—(a) Total number of dwelling-houses inspected formally or informally for housing defects (under Public Health or Housing Acts) 112
- (b) Number of inspections, formal or informal, made for the purpose 377
- 2.—Dwelling-houses unfit for human habitation and not capable at reasonable expense of being rendered fit :
 - (a) Number found during year 8
 - (b) Total Number (or estimated number) existing at end of year 52
(Est.)
- 3.—No. of dwelling-houses found during the year to be not in all respects reasonably fit for human habitation but capable of being rendered fit 17

2. Clearance Areas (Housing Act, 1936, and Housing Repairs and Rents Act, 1954) :—

- 1.—Number of dwelling-houses demolished during year :
 - (a) Unfit houses —
 - (b) Other houses —
- 2.—Number of persons displaced —

3. Houses not included in Clearance Areas :—

1.—Houses demolished or closed during year :

	No. of : houses	Persons displaced
(a) Housing Act, 1936—		
(i) Demolished as a result of formal or informal procedure (Section 11)	1	1
(ii) Closed in pursuance of an undertaking given by owners under Section 11 and still in force ...	4	None yet
(iii) Parts of building closed (Section 12)	1	None yet

(b) Housing Act, 1949—

(i) Closed as a result of closing orders under Sections 3 (1) and 3 (2)	—	—
--	---	---

(c) Local Government (Miscellaneous Provision) Act, 1953—

(i) Closed as a result of closing orders under Sections 10 (1) and 11 (2)	—	—
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2.—Repairs during the year :

	No. of houses
(a) Unfit houses rendered fit and houses in which defects were remedied during the period as a result of informal action by the local authority under the Housing or Public Health Acts	15
(b) Public Health Acts—action after service of formal notice —Houses in which defects were remedied :	
(i) By owners	—
(ii) By local authority in default of owners ...	—
(c) Housing Act, 1936—action after service of formal notice (Sections 9, 10, 11 and 16)	
Houses made fit	
(i) By owners	1
(ii) By local authority in default of owners ...	—

(d) Housing Repairs and Rents Act, 1954 :
Houses reconstructed, enlarged, or improved and
Demolition Orders revoked (Section 5) ... Nil

4. Unfit houses in temporary use (Housing Repairs and Rents Act, 1954)

- 1.—Number of houses at end of year retained for temporary accommodation and approved for grant under Sec. 7 Nil
- 2.—Number of separate dwellings contained in (1) above Nil
- 3.—Number of houses at end of year licensed for temporary occupation (Section 6) ... Nil

5. Housing Act, 1949. Improvement grants, etc.:—

Action during year	Private Bodies or Individuals		Local Authority	
	No. of Schemes	No. of dwelling houses or other buildings affected	No. of Schemes	No. of dwelling houses or other buildings affected
(a) Submitted by private individuals to local authority ...	9	9	—	—
(b) Approved by local authority ...	9	9	—	—
(c) Submitted by local authority to Ministry ...	—	—	—	—
(d) Finally approved by Ministry ...	—	—	—	—
(e) Work completed ...	4	4	—	—
(f) Additional separate dwellings included in (e) above ...	—	—	—	—

MILK SUPPLY

There were two dairies registered under the Milk and Dairies Regulations, 1949-1954. There have been regular inspections of each of them and particular attention was paid to the cleanliness of the premises and equipment which may come into contact with the milk.

The bulk of the milk consumed in this district is supplied by large dairies from outside the district and regular sampling of all designations of milk is carried out.

One pasteurising plant approved by the County Authorities commenced to operate from premises in this district during the year.

Distributors of milk in the district

Distributors with premises in the district (including shops) ...	44
Distributors with premises outside the district ...	6

Licences in Force—Designated Milks (as at 31st December, 1956)

Dealers—Tuberculin Tested milk ...	8
Dealers—Tuberculin Tested (Pasteurised) milk ...	13
Dealers—Pasteurised milk ...	38
Dealers—Sterilised milk ...	12
Supplementary Licences ...	23

COMPLAINTS—MILK SUPPLY

A complaint of broken glass alleged to have been found in the bottom of a bottle of pasteurised milk, was investigated.

The management of the Pasteurising Plant in an outside district was interviewed and no explanation could be found as to how the glass could have entered the bottle. However, a serious view was taken by the Management and apart from interviewing the complainant, assurances were received that every precaution is being taken to prevent any recurrence. A warning was considered to be adequate in this case.

BYE-LAWS UNDER SEC. 15 OF FOOD & DRUGS ACT, 1938

The Bye-laws have been in operation in the district since 17th July, 1950.

MILK SAMPLES, 1956

	Total	Methylene Blue Test		Phosphatase Test		Turbidity Test	
		Satis.	Not Satis.	Satis.	Not Satis.	Satis.	Not Satis.
Tuberculin Tested ...	11	11	—	—	—	—	—
Tuberculin Tested (Pasteurised) ...	37	12	—	24	1	—	—
Pasteurised ...	51	28	—	23	—	—	—
Sterilised ...	3	—	—	—	—	3	—
Totals ...	102	51	—	47	1	3	—

SAMPLES FOR TUBERCLE BACILLI INOCULATION TEST

	Absent	Present
Tuberculin Tested Milk	8	—

One sample—the guinea pig died before the completion of the test.

NUMBER OF FOOD PREMISES, BY THE TYPE OF BUSINESS IN DISTRICT AT THE END OF THE YEAR

Type of Business	No.
General Grocers and Provision Dealers	54
Greengrocers and Fruiterers	7
Fishmongers	9
Meat Shops (Butchers, Purveyors of cooked and preserved meats, tripe, etc.)	22
Bakers and/or Confectioners	20
Fried Fish Shops	10
Shops selling Sugar Confectionery, Minerals, Ice Cream	31
Licensed Premises, Clubs, Canteens, Restaurants, Cafes, Snack Bars and similar Catering Establishments	46
Others : Ice Cream—Sale of	69
Ice Cream—Manufacture of	2

NUMBER OF PREMISES, BY TYPE, REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, OR UNDER LOCAL ACTS

Type of Business	No. Registered at 31.12.56	No. of Inspections
Manufacturers of Preserved Food	46	59
Premises registered for sale of Ice Cream	69	44
Premises registered for Manufacture of Ice Cream	2	6
Premises registered for Food Hawkers	8	16
Totals	125	125

FOOD AND DRUGS ACT, 1955

The following information has been supplied by the County Medical Officer of Health (Dr. S. C. Gawne) with reference to the number of samples taken by the County Sanitary Officers in the area.

Milk samples (Including 3 of Channel Islands' Milk)	...	...	52
Food Samples	...	...	26
			<hr/> 78

52 Milk.	1 Custard Powder.
1 Bacon.	1 Lemonade Powder.
1 Self-raising flour.	3 Sweets.
1 Sterilised cream.	2 Table Jelly.
1 Barley.	1 Icing Sugar.
1 Friars balsam.	1 Beef Suet.
1 Rose hip syrup.	1 Milk flavouring.
2 Flour confectionery.	1 Tapioca.
1 Ground almonds.	1 Margarine.
2 Cod liver oil.	1 Teething powders.
1 Lard.	1 Dripping.

All the above samples were reported as being genuine in substance.

MILK AND DAIRIES REGULATIONS, 1949—Regulation 20

No action was found necessary under the above Regulations.

INSPECTION AND SUPERVISION OF MEAT AND OTHER FOODS

There are no licensed slaughterhouses in the area but visits to retail shops were paid at frequent intervals.

All food preparation premises are regularly inspected and for that purpose 527 inspections were carried out (bakehouses, restaurants, boarding houses, butchers, unsound foodstuffs, fish friers, ice cream premises, food preparation premises).

CARCASES INSPECTED AND CONDEMNED

	Cattle excl'd- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed (if known) ...	—	—	—	—	2	—
Number inspected ...	—	—	—	6	2	—
<i>All diseases except Tuberculosis and Cysticerci—</i>						
Whole carcasses condemned ...	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	1	—	—
Percentage of number inspected affected with disease other than Tuberculosis and Cys- ticerci ...	—	—	—	16.6%	—	—
<i>Tuberculosis only—</i>						
Whole carcasses condemned ...	—	—	—	—	—	—
Carcasses of which some part or organ was condemned ...	—	—	—	—	—	—
Percentage of number inspected affected with Tuberculosis ...	—	—	—	—	—	—
<i>Cysticercosis—</i>						
Carcasses of which some part or organ was condemned ...	—	—	—	—	—	—
Carcasses submitted to treatment by refrigeration ...	—	—	—	—	—	—
Generalised and totally con- demned ...	—	—	—	—	—	—

UNSOUND FOODSTUFFS

It was found necessary after examination and tests, to accept the voluntary surrender of the following foodstuffs :—

Foodstuffs				Tins		Jars		Weight cwt. lbs. ozs.	
Meat :									
Corned Beef	...	...	...	2	...	—	...	6	12
Luncheon Meat	...	...	...	16	...	—	...	14	7
Ox Tongue	...	...	...	10	...	—	...	60	0
Fruit :									
Apple Puree	...	...	...	1	...	—	...	6	0
Apricots	...	...	...	2	...	—	...	3	10
Pears	...	...	...	1	...	—	...	1	13
Pineapple	...	...	...	2	...	—	...	3	1
Blackberries	...	...	...	1	...	—	...	1	3
Plums	...	...	...	1	...	—	...	1	4
Strawberries	...	...	...	1	...	—	...	1	0
Oranges	...	...	...	2	...	—	...	1	6
Bilberries	...	...	...	1	...	—	...		12
Grapes	...	...	...	—	...	—	...	40	0
Milk :									
Evaporated	...	...	...	2	...	—	...	—	
Vegetables :									
Beans	...	...	...	6	...	—	...	5	8
Carrots	...	...	...	2	...	—	...	2	6
Peas	...	...	...	8	...	—	...	5	6
Cauliflowers (86)	...	...	...	—	...	—	...	—
Tomatoes	...	...	...	3	...	—	...	5	4
Soup	...	...	...	1	...	—	...	1	0
Red Cabbage	...	...	...	—	...	5	...	5	0
Coffee Essence	...	...	...	—	...	1	...		6
Frozen Egg	...	...	...	3	...	—	...	84	0
Preserves	...	...	...	1	...	1	...	3	0
Fish :									
Crab	...	...	...	2	...	—	...	13	0
Anchovies	...	...	...	6	...	—	...		12
Sardines	...	...	...	4	...	—	...	1	1
Leg of Pork	...	...	...	—	...	—	...	13	0
Sheep's liver	...	...	...	—	...	—	...	2	0
				<u>78</u>	...	<u>7</u>	...	<u>2</u>	<u>58 15</u>

METHOD OF DISPOSAL OF CONDEMNED FOODS

Occasionally condemned foodstuffs are burned in the Council's boiler, but mainly they are disposed of by burying on the Council's refuse tip.

ICE CREAM

During the year neither of the two ice cream factories manufactured ice cream, although registered for this purpose. The premises generally, were of a satisfactory standard and possess the necessary modern equipment, including steam sterilisation plants.

In addition, 69 dealers were on the register at the end of the year. Regular and frequent inspections were carried out at these premises.

ANALYSIS OF SAMPLES OF ICE CREAM

Ref No.	Methylene Blue Test— Provisional Grade				Satisfactory or Not
	1	2	3	4	
1	—	—	—	—	Result Invalid
2	1	—	—	—	Yes
3	1	—	—	—	Yes
4	1	—	—	—	Yes
5	—	—	—	—	Result Invalid
6	—	—	—	—	Result Invalid
7	1	—	—	—	Yes
8	1	—	—	—	Yes
9	—	—	—	—	Result Invalid
10	—	—	—	—	Result Invalid
11	—	—	—	—	Result Invalid
12	—	1	—	—	Yes
13	1	—	—	—	Yes
14	—	1	—	—	Yes
15	—	—	—	1	No.
16	1	—	—	—	Yes
17	1	—	—	—	Yes
18	1	—	—	—	Yes
19	1	—	—	—	Yes
20	1	—	—	—	Yes
21	1	—	—	—	Yes
22	—	—	1	—	No.
23	1	—	—	—	Yes
24	1	—	—	—	Yes
25	—	—	1	—	No.
26	—	1	—	—	Yes
27	1	—	—	—	Yes
28	1	—	—	—	Yes
29	1	—	—	—	Yes
30	1	—	—	—	Yes
31	1	—	—	—	Yes

Number of Samples taken for Methylene Blue Test 31

Satisfactory Not Satisfactory No Result

22 ... 3 ... 6

All samples taken were manufactured outside this district.

SAMPLES FOR QUALITY ANALYSIS

During the year the following informal samples were taken for Quality Analysis :—

No.	Fat Content	Milk Solids	Sugar
1	11.3%	11.4%	14.2%
2	10.1%	12.1%	14.8%
3	11.4%	9.8%	14.0%

Number	Description of Premises	Number of Inspections and re-inspections
101	Boasting establishments (including boasting houses, public and licensed hotels)	200
25	Grocers' shops	25
26	Cafes and snack bars	26
27	Butchers' shops and provision shops	27
28	Bakery and Confectionery shops	28
29	Public Eating Premises	29
30	Public Houses and Licensed Clubs	30
31	Wet Fish Shops (including Fish Greenmarkets)	31
32	Grocery shops	32
33	Canteens (Factory and School)	33
34	Sweet Factories	34
35	Vans and Stalls	35

INSPECTION AND SUPERVISION OF FOOD

FOOD HYGIENE REGULATIONS, 1955-1956

Inspections with special regard to the requirements of new regulations, were carried out to all known food premises in the district during the year.

A report on each type of premises was drawn up and submitted to the Health Committee, who desire that the physical condition of all food premises should be brought up to the standards as laid down in the Food Hygiene Regulations, 1955, and that these standards should be treated as the minimum required. Before any inspections were carried out, a circular on the Regulations was sent to every food business in the area.

It is true to say that we have received active co-operation from many of the occupiers of the various food premises. The majority appear to be desirous of co-operating fully with a view to preparing and serving food under hygienic conditions. Much work still requires to be done.

For the purpose of convenience, the various food premises were classified according to the main business carried out therein, as under.

Description of Premises	Number	Number of Inspections and re-inspections
Boarding establishments (including boarding houses, private and licensed hotels)	161	230
Grocers' Shops	54	54
Cafes and Snack Bars	24	32
Butchers' Shops and Preparation Rooms	22	32
Bakehouses and Confectioners' Shops	20	27
Fish Frying Premises	10	10
Public Houses and Licensed Clubs	14	16
Wet Fish Shops (including Wet Fish/Greengrocers)	9	13
Greengrocers	7	7
Canteens (Factory and School)	8	9
Sweet Factories	3	7
Vans and Stalls	Under investigation 31.12.56	26

BOARDING ESTABLISHMENTS INCLUDING BOARDING HOUSES, PRIVATE AND LICENSED HOTELS

An initial survey of all premises coming within the above definition was carried out. The Regulations were discussed at a public meeting, the Chairman, Vice-Chairman of the Health Committee, and the Chief Public Health Inspector were present. Questions were answered on the application of the Regulations to these particular premises.

Schedules of work required to the premises were prepared and sent to each occupier with a covering letter asking for their co-operation and offering the Department's help and advice.

The following table shows the type of work requested; the work carried out and the amount of work outstanding at the 31st December, 1956.

Type of Work	Required	Carried out	Out-standing
Improvement on cleanliness	1	—	1
Covering of Food Tables, etc.	98	5	93
Prohibition of domestic washing and drying of clothes in food room ...	46	1	45
Prohibition of keeping of animals in food rooms	20	3	17
W.C. walls repaired	1	—	1
W.C. to be screened from food room ...	3	—	3
Space between W.C. and food room to be ventilated	1	—	1
Hand washing notices to be provided	44	3	41
Provision of wash-hand basin, etc. ...	135	7	128
Provision of First Aid Box	2	1	1
Provision of cupboard or locker accommodation	4	—	4
Provision of sinks, etc.	169	21	148
Replacement of sinks	27	—	27
Improvement in ventilation	137	15	122
Improvement in wall surfaces	18	1	17
Cleansing of walls	3	—	3
Redecoration of walls	21	2	19
Redecoration of ceilings	20	—	20
Redecoration of woodwork	3	—	3
Repair of ceilings	4	—	4
Repair of walls	17	1	16
Repair of floors	4	—	4
Provision of impervious floor coverings	15	1	14
Provision of cold storage means ...	115	7	108
Sleeping room to be screened from food room	2	1	1

GROCERS SHOPS

A survey of all Grocers Shops was carried out and at the same time some idea of how the Regulations would affect the premises, was given to the occupiers. Schedules of work required were prepared and sent to each occupier along with a covering letter offering help and advice.

The following table shows the type of work requested. Re-inspections had not been carried out by the end of the year.

Type of Work	No. required
Covering of certain food benches	67
Protection of open food	54
Hand washing notices required	23
Provision of wash hand basins, etc.	47
Provision of First Aid Box	35
Provision of Locker or Cupboard accommodation	4
Provision of sinks	5
Improvement in ventilation	52
Replacement of sinks	2
Improvement in wall surfaces	4
Repairs to ceilings	1
Repairs to walls	5
Repairs to floors	2
Redecoration of ceilings	4
Redecoration of walls	13
Provision of new floor	1
Provision of impervious floor coverings	25
Provision of cold storage means	17
Repairs to W.C. roof	1
Prohibition of keeping of animals in food rooms	4
Provision of intervening ventilated space	1
Provision of hot and cold water to sink	1
Repairs to window glazing	1
Improvement in natural lighting	1
Repairs to window	1
Total	371

CAFES AND SNACK BARS

A survey of all cafés and snack bars in the district was carried out. Schedules of work required to the premises were prepared and sent to each occupier along with a covering letter asking for their co-operation and offering the Department's help and advice on the Regulations.

Some occupiers were visited on request after service of schedule of work. One of the premises was closed down before service of schedule of work had been carried out but the occupier had been interviewed with regard to the Regulations. Re-inspections had not been carried out by the end of the year.

The following table shows the type of work requested.

Type of Work	No required
Covering of certain food tables, etc.	23
Protection of open food	1
Hand washing notices required	19
Space between W.C. and food room to be ventilated ...	2
Provision of intervening ventilated space	1
Provision of cupboard or locker accommodation	5
Replacement of sinks	4
Provision of sinks, etc.	2
Provision of wash-hand basins, etc.	19
Prohibition of keeping of animals in food rooms	—
Provision of First Aid Box	2
Improvement in ventilation	17
Improvement in wall surfaces	7
Provision of impervious floor coverings	8
Provision of cold storage means	4
Repairs to ceiling	3
Redecoration of walls	8
Redecoration of ceilings	7
Provision of artificial lighting	1
Provision of hot and cold water to sink	2
Provision of hot and cold water to wash-hand basin ...	1
Prohibition of domestic washing and drying of clothes ...	1
Improvement in cleanliness	1
Head covering for female food handlers	1
Total	139

BUTCHERS SHOPS

A survey of all Butchers Shops was carried out and at the same time some idea of how the Regulations would affect the premises, was given to the occupiers. Schedules of work required were prepared and sent to each occupier along with a covering letter. Re-inspections have only been carried out to a small number of premises.

The following table shows the type of work requested and the small amount of work carried out.

Type of Work	Required	Carried out	Out-standing
Covering of certain tables	28	—	28
Protection of meat	21	1	20
Hand washing notices required ...	15	1	14
Space between W.C. and food room to be ventilated	1	—	1
Cleansing and redecoration of W.C.s	5	—	5
Provision of First Aid Box	5	—	5
Provision of cupboard and locker accommodation	13	1	12
Provision of wash-hand basins, etc. ...	17	—	17
Provision of sinks, etc.	8	—	8
Replacement of sinks	6	—	6
Improvement in ventilation	28	—	28
Improvement in wall surfaces ...	6	—	6
Provision of impervious floor coverings	6	—	6
Redecoration of walls	7	—	7
Redecoration of ceilings	13	—	13
Provision of waste receptacles ...	22	—	22
Removal of non-food business materials	7	—	7
Prohibition of keeping of animals in food rooms	1	1	—
Repairs to floors	4	—	4
Repairs to woodwork	1	—	1
Cleansing of floor	1	—	1
Provision of artificial lighting ...	1	—	1
Repairs to ceiling	1	—	1
	217	4	213

BAKEHOUSES

A survey of all Bakehouses and Confectioners Shops in this district, was carried out. Schedules of work required to the premises were prepared and sent to each occupier along with a covering letter.

Previously, in 1954, a survey of Bakehouses was carried out and work was required at several premises to bring them up to a certain standard.

The following table shows the type of work requested:—

Type of Work	No. required
Covering of certain tables	33
Protection of open confectionery, etc.	23
Hand-washing notices required	18
Space between W.C. and food room to be ventilated	1
Provision of cupboard or locker accommodation	9
Replacement of sinks	7
Provision of wash-hand basins, etc.	13
Provision of hot and cold water to wash basins	1
Improvement in ventilation	37
Improvement in wall surfaces	10
Provision of impervious floor coverings	3
Provision of cold storage means	3
Prohibition of keeping of animals in food rooms	1
Redecoration of walls	11
Redecoration of ceilings	9
Provision of hot and cold water to sink	1
Repairs to floors	5
Improvement in general standard of cleanliness	2
Repairs to ceilings	1
Repairs to windows	1
Total	189

FISH FRYING PREMISES

A survey of all fish and chip premises (including cafés) was carried out. Schedules of work required were prepared and sent to each occupier along with a covering letter asking for their co-operation and offering the Department's help and advice. Re-inspections had not been carried out by the end of the year.

The following table shows the type of work requested.

Type of Work	No. required
Covering of certain food tables, etc.	12
Protection of open food	10
Prohibition of use of newspaper for wrapping	10
Hand washing notices required	4
Provision of wash-hand basins, etc.	10
Provision of First Aid Box	6
Provision of cupboard or locker accommodation	1
Replacement of sinks, etc.	1
Improvement in ventilation	12
Improvement in wall surfaces	7
Redecoration of ceilings	3
Redecoration of walls	2
Provision of impervious floor coverings	2
Repairs to floors	1
Provision of cold storage means	2
Repairs to ceiling	2
Prohibition of domestic washing and drying of clothes in food room	1
Prohibition of keeping of animals in food room	1
Total	87

WET FISH AND GREENGROCERS/WET FISH SHOPS

A survey of all wet fish shops and greengrocers/wet fish shops combined, was carried out during the year. Schedules of work required were prepared and sent to each occupier along with a covering letter, asking for their co-operation and offering the department's help and advice on the Regulations.

The following table shows the type of work requested.

Type of Work	No. required
Covering of certain food tables, etc.	12
Protection of open food	9
Separation of fish and greengrocery	3
Prohibition of newspapers for wrapping purposes	9
Hand-washing notices required	5
Space between food room and W.C. to be ventilated	1
W.C. to be rebuilt	1
Provision of First Aid Box	5
Provision of cupboard or locker accommodation	4
Provision of sinks	1
Provision of wash-hand basins	7
Improvement in ventilation	5
Improvement in wall surfaces	4
Repairs to ceilings	1
Repairs to floors	2
Redecoration of ceilings	1
Provision of impervious floor coverings	2
Provision of cold storage means	2
Provision of waste receptacles	7
Removal of non-food business materials	2
Repairs to windows	1
Prohibition of keeping of animals in food rooms	1
Total	85

PUBLIC HOUSES AND LICENSED CLUBS

A survey of all public houses and licensed clubs was carried out during the year. Schedules of work required were prepared and sent to each occupier along with a covering letter. Re-inspections had not been carried out by the end of the year.

The following table shows the type of work requested.

Type of Work	No. required
Cleansing and redecoration of cellar walls	7
Cleansing and redecoration of cellar ceilings	7
Provision of I.V.S. between W.C. and room	9
Cleansing and redecoration of W.C.s	4
Provision of hand-washing notices required	14
Provision of wash-hand basins	14
Provision of First Aid Boxes	14
Repairs to walls	5
Repairs to Floors	1
Repairs to ceilings	4
Provision of impervious floor coverings	4
Provision of sinks, etc.	3
Redecoration of rooms	13
Structural alterations	1
Repair to windows	1
Provision of impervious covering to bar counters, etc. ...	11
Provision of cold storage facilities	1
Screening of sanitary accommodation	1
Repairs to urinal	1
Total	115

GREENGROCERS SHOPS

A survey of all greengrocers shops was carried out during the year. Schedules of work required to the premises were prepared and sent to each occupier under a covering letter, asking for their co-operation and offering the department's help and advice on the Regulations. Re-inspections had not been carried out at the end of the year.

The following table shows the type of work requested.

Type of Work	No. required
Covering of certain food tables, etc.	1
Provision of sinks, etc.	1
Protection of open food, etc.	1
Hand-washing notices required	1
Provision of wash-hand basins, etc.	7
Provision of First Aid Boxes	5
Provision of locker or cupboard accommodation	1
Improvement in ventilation	6
Provision of impervious floor coverings	3
Provision of cold storage means	1
Total	27

CANTEEN PREMISES

A survey of all canteen premises in factories and schools was carried out during the year. Schedules of work required were prepared and sent to each occupier along with a covering letter. Re-inspections had not been carried out by the end of the year.

The following table shows the type of work requested.

Type of Work	No. required
Provision of I.V.S. between W.C. and food room	1
Provision of hand-washing notices required	3
Provision of wash-hand basins, etc.	1
Replacement of sinks	2
Improvement in ventilation	3
Redecoration of walls	2
Covering of certain tables, etc.	6
Redecoration of ceiling	2
Improvements to wall surfaces	2
Provision of locker accommodation	1
Total	23

SWEET FACTORIES

A survey of the three sweet factories in the district was carried out during the year. Schedules of work required were prepared and delivered by hand and particular problems were discussed with the management at each factory.

The following table shows the type of work required and some of the work already carried out.

Type of Work	No. required	Carried out	Out-standing
Provision of hand-washing notices	3	1	2
Provision of head covering	2	—	2
Provision of utensils, etc., washing facilities	3	3	—
Provision of wash-hand basins, etc.	3	—	3
Provision of cupboard or locker accommodation	3	—	3
Improvement of ventilation	3	1	2
Improvement of wall surfaces	5	—	5
Provision of impervious floor materials	1	—	1
Cleansing of floors	5	—	5
Redecoration of walls	4	—	4
Redecoration of ceilings	6	—	6
Repairs to ceilings	2	1	1
Repairs to walls	1	—	1
Provision of hot and cold water to sink	1	1	—
Covering of certain tables, etc.	1	—	1
Repairs to floor	1	—	1
Totals	44	7	37

METEOROLOGICAL OBSERVATIONS

The rainfall is taken daily at 9-0 a.m. at the Council's Depot, and reports are placed monthly before the Council.

Year	January	February	March	April	May	June	July	August	September	October	November	December	Total
1940	2.60	1.65	3.25	1.76	1.71	0.40	2.77	1.15	2.37	3.62	4.51	3.02	28.99
1941	1.18	3.49	2.29	0.72	3.10	0.57	0.94	2.42	0.90	4.10	1.95	1.03	22.69
1942	3.04	1.47	2.22	1.53	2.93	0.77	3.02	3.85	2.32	3.31	0.81	3.36	28.63
1943	5.83	1.74	0.55	1.92	3.29	2.10	4.63	4.74	4.78	4.50	2.73	1.56	38.37
1944	3.59	1.00	0.49	3.20	2.38	1.79	2.76	3.19	4.27	4.43	6.27	3.73	37.10
1945	2.29	4.54	1.57	1.70	3.40	2.80	2.59	0.71	3.48	5.21	0.15	2.93	31.37
1946	4.99	3.71	0.93	1.06	1.91	2.42	3.73	4.15	5.06	0.57	6.09	4.26	38.88
1947	2.95	0.55	4.81	3.21	4.57	2.43	3.16	0.66	3.45	0.50	3.73	2.08	32.10
1948	6.19	1.58	1.62	1.21	1.33	5.03	1.79	3.09	4.68	3.20	2.73	2.39	38.84
1949	1.85	1.36	1.74	2.77	3.04	0.30	3.21	2.55	0.79	4.74	3.35	5.25	30.95
1950	1.56	4.05	1.67	2.02	0.75	1.47	2.78	6.60	6.33	3.27	4.39	2.60	37.49
1951	4.03	3.19	4.67	1.10	3.34	1.04	1.52	3.37	3.74	1.53	9.04	7.61	44.18
1952	2.94	0.79	2.26	2.87	2.71	2.41	1.42	3.51	3.56	3.73	1.71	3.24	31.15
1953	1.52	0.85	0.54	2.66	2.07	1.62	4.60	3.86	5.18	1.78	4.57	1.85	31.10
1954	2.44	3.47	2.07	1.08	2.88	4.17	4.65	4.96	7.16	10.07	7.77	4.62	55.34
1955	2.77	2.42	1.64	2.05	2.58	4.51	2.29	1.22	3.14	3.04	2.29	4.40	32.35
1956	4.64	0.42	1.36	2.25	1.91	2.35	4.44	12.96	4.08	3.39	2.10	4.79	44.69

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