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Contributors

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THORNTON CLEVELEYS
URBAN DISTRICT COUNCIL

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
CHIEF PUBLIC HEALTH INSPECTOR
FOR THE YEAR
1966



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THORNTON CLEVELEYS
URBAN DISTRICT COUNCIL.

HEALTH COMMITTEE - 1966.

CHAIRMAN:

Councillor MRS F. HULL, J.P.

VICE-CHAIRMAN:

Councillor F. PARKINS.

Councillor C.R.ASHWORTH.

Councillor W.A.DAWS.

Councillor A.FEENEY.

Councillor F.W.GILLIBRAND.

Councillor S.HARDMAN.

Councillor J.G.MOORE.

CHAIRMAN OF THE COUNCIL:

Councillor T.WARD, J.P.

PUBLIC HEALTH OFFICERS.

MEDICAL OFFICER OF HEALTH.

JOHN E. MORRIS. B.Sc., M.B., B.Ch., D.P.H., D.I.H., D.C.H.

CHIEF PUBLIC HEALTH INSPECTOR
AND CLEANSING OFFICER:

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

DEPUTY CHIEF PUBLIC HEALTH INSPECTOR:

KENNETH ERNEST EMERY,
M.R.S.H., M.P.H.I.A.,
Food Hygiene Diploma - Royal
Society of Health.
Certified Meat & Food Inspector.

PUBLIC HEALTH INSPECTOR AND
SHOPS INSPECTOR:

NORMAN THORPE.
Cert.P.H.I.E.B., M.P.H.I.A.
Certified Meat & Food Inspector.
(Commenced 6/6/66).

PUBLIC HEALTH INSPECTOR:

EDWARD LYLE COBB.
Cert.P.H.I.E.B.
Certified Meat & Food Inspector.
(Resigned 31/3/66).

PUPIL PUBLIC HEALTH INSPECTOR:

ARNOLD EARL PORTER.

CHIEF CLERK:

MISS S. A. SIMCOCK.

JUNIOR CLERK:

MISS M. KEIRBY.

MEDICAL OFFICER'S REPORT.

Council Offices,
THORNTON CLEVELEYS.

TO THE CHAIRMAN AND MEMBERS OF
THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

Mr.Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report of the Medical Officer of Health for the year 1966.

There are certain points in the report which I think I should comment on. There were no maternal deaths in the district during the year. Deaths from lung cancer totalled nineteen, an increase of six over the deaths from this cause for the previous year. There is now no doubt that the smoking of cigarettes is an important factor in the causation of lung cancer and we are not likely to see any appreciable fall in the incidence of this disease until the general public come to terms with this problem and reduce their consumption of cigarettes.

Fifty four cases of measles and twenty cases of scarlet fever were notified during the year. Scarlet fever is now generally a very mild illness compared with the sort of illness that was known during the earlier years of this century.

My thanks again are due to my colleagues in the Health Department for their loyalty and assistance.

To you, Madam Chairman and members of the Health Committee, my appreciation of the encouragement and support afforded to me.

I am,

Ladies and Gentlemen,

Yours faithfully,

J. E. MORRIS.

Medical Officer of Health.

VITAL STATISTICS.

Home Population(Registrar-General's Estimate,mid-1966)...	23,620
<u>LIVE BIRTHS:</u>	M.	F.	Total.
Legitimate...	203	171	374
Illegitimate...	14	13	27
	<u>217</u>	<u>184</u>	<u>401</u>
Live Birth Rates per 1,000 of Population:-			
Crude Rate...			17.0
Adjusted Rate ...			23.2
Illegitimate live births per cent of total live births.			6.7
<u>DEATHS(ALL CAUSES).</u>	M.	F.	Total.
Number registered ...	221	190	411
Death Rate per 1,000 of Population:-			
Crude Rate...			17.4
Adjusted Rate ...			10.8
<u>STILLBIRTHS:</u>	M.	F.	Total.
Legitimate...	2	3	5
Illegitimate...	-	-	-
	<u>2</u>	<u>3</u>	<u>5</u>
Rate per 1,000 total births. ...			12.5
<u>MATERNAL MORTALITY:</u>			
Number of deaths registered..			Nil.
Maternal mortality Rate per 1,000 total births...			Nil.
<u>INFANT MORTALITY:</u>	M.	F.	Total.
Number of deaths registered(Under 1 year):			
Legitimate...	3	3	6
Illegitimate...	2	-	2
	<u>5</u>	<u>3</u>	<u>8</u>
Rate per 1,000 Live Births..			20.0
Rate per 1,000 Live Births(Legitimate)...			14.9
Rate per 1,000 Live Births(Illegitimate) ...			4.9
<u>NEO-NATAL:</u>	M.	F.	Total.
Number of deaths registered(under 4 weeks)...			
Legitimate...	3	2	5
Illegitimate...	2	-	2
	<u>5</u>	<u>2</u>	<u>7</u>
Rate per 1,000 Live Births..			17.5
Number of deaths registered(under 1 week).	M.	F.	Total.
Legitimate...	3	2	5
Illegitimate...	1	-	1
	<u>4</u>	<u>2</u>	<u>6</u>
Rate per 1,000 Live Births..			15.0
Perinatal mortality rate per 1,000 total births. ...			27.1

VITAL STATISTICS - CONTINUED.

	PER 1,000 OF ESTIMATED POPULATION.					Maternal Mortality Rate.	Infantile Mortality Rate.
	Live Birth Rate. (Crude).	Crude Death Rate.	Death Rate from Tuberculosis of respiratory system.	Death Rate from Cancer.	Per 1,000 Live Births.		
MEAN OF 5 YEARS:							
1961-5	15.1	16.9	0.06	2.95	Nil.	16.16	
1965	14.7	16.6	0.04	2.78	Nil.	15.10	
1966	17.4	17.0	Nil.	3.22	Nil.	20.00	
INCREASE OR DECREASE IN 1966 ON 5 YEARS' AVERAGE:							
1961 - 1965	+ 2.3	+ 0.1	- 0.37	+ 0.37	Nil.	+ 3.84	
ON PREVIOUS YEAR:							
1965	+ 2.7	+ 0.4	- 0.04	+ 6.44	Nil.	+ 4.90	

1966 - Adjusted Birth Rate (Comparability factor 1.37) = 23.2

1966 - Adjusted Death Rate (Comparability factor 0.62) = 10.8

BIRTH, DEATH & INFANTILE MORTALITY RATES (ADJUSTED).

YEAR.	BIRTH RATE.	GENERAL DEATH RATE.	INFANTILE MORTALITY RATE.
1960	15.0	14.4	19
1961	15.0	15.2	26
1962	14.4	16.0	10
1963	18.3	13.6	18
1964	19.4	13.5	11
1965	17.6	12.2	15
1966	23.2	10.8	20

STATISTICAL SUMMARY.

Area in statute acres...	3,355
Population(1964 Census)...	22,020
Population(Estimated mid-1966)...	23,620
Density of Population per acre...	7.0
Estimated number of inhabited houses(Dec.1966)...	9,761
Average number of persons per house...	2.4
Rateable Value...	£1,266,031
Sum represented by a Penny Rate...	£5,265
Live Births...	401
Live Birth Rate per 1,000 Population(adjusted)...	23.2
Still Births...	5
Still Birth Rate per 1,000 live and still births...	12.3
Total live and still births...	406
Total Deaths...	411
Death Rate per 1,000 Population(adjusted)...	10.8
Infant deaths (under 1 year)...	8
Infant mortality rate per 1,000 live births(total)...	20.0
Infant mortality rate per 1,000 live births(legitimate)...	14.9
Infant mortality rate per 1,000 live births(illegitimate)...	4.9
Neo-natal mortality rate per 1,000 live births(first 4 weeks)	17.5
Early Neo-natal mortality rate per 1,000 live births...	15.0
Perinatal mortality rate per 1,000 total births...	27.1
Maternal deaths (including abortion)...	Nil
Maternal mortality rate per 1,000 live and still births...	Nil
Respiratory Tuberculosis Rate per 1,000 Population...	Nil
Cancer Death Rate (Malignant Neoplasm)...	3.22
Influenza Death Rate...	0.08
Pneumonia(all forms) death rate...	0.34
Other Respiratory diseases (all forms)...	1.69

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 Sec.15 - Food and Drugs Act, 1938...	1950
Bye-laws under Sec.81 - Public Health Act, 1936...	1951
Bye-laws under Sec.61 - Public Health Act, 1936 and Sec.24 - Clean Air Act, 1956...	1959

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.

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 (East 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 downward we get: (1) surface covering, (2) mixture of soil and clay or sandy soil, (3) peat, (4) 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 increased by the inclusion of a part of the Parish of Carleton, on the 1st April, 1934, the total area now being given as 3,355 acres.

The average number of persons per acre is 7.0.

WARD BOUNDARIES.

The Ward Boundaries were altered during 1963 and two new Wards were formed, namely North Central and South Central. The new Wards are now as follows:-

<u>NORTH WARD.</u>	The number of houses in North Ward is:	1,835
<u>NORTH CENTRAL WARD:</u>	The number of houses in North Central Ward is:	1,578
<u>SOUTH WARD:</u>	The number of houses in South Ward is:	1,495
<u>SOUTH CENTRAL WARD:</u>	The number of houses in South Central Ward is:	1,565
<u>EAST WARD:</u>	The number of houses in East Ward is:	1,826
<u>WEST WARD:</u>	The number of houses in West Ward is:	1,462

SOCIAL CONDITIONS, INDUSTRIES, ETC.

During the last few years, the Cleveleys 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 Social Security which are situated in our area.

* * * * *

VITAL STATISTICS.

BIRTHS.

During the year 401 births were recorded by the Registrar-General, comprising 217 males and 184 females.

Birth Rate for district (adjusted): 23.2 per 1,000 as against 17.6 for 1965.

Still-births: 12.3 per 1,000 (live and still) births.

DEATHS.

Based on a population of 23,620, the Registrar-General gives the Death Rate (adjusted) as 10.8 compared with 12.2 for 1965.

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

<u>Ward.</u>	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
North.	48	28	76
North Central.	38	37	75
South.	33	27	60
South Central.	40	40	80
East.	25	18	43
West.	37	40	77
	<u>221</u>	<u>190</u>	<u>411</u>

DEATH RATE PER 1,000 OF POPULATION FOR:

(1) Influenza...	0.08
(2) Other Respiratory Diseases (all forms)...	1.69
(3) Pneumonia (all forms)...	0.34
(4) Tuberculosis - Pulmonary ...	Nil.
(5) Tuberculosis - Non-Pulmonary ...	Nil.
(6) Malignant Neoplasm -(Cancer) ...	3.22

INQUESTS AND INQUIRIES.

During the year there were 14 Inquests on persons dying in this area, as follows:-

<u>NORTH WARD:</u>	<u>YEARS.</u>	<u>CAUSES OF DEATH.</u>
1. Male.	22	Shock due to hanging.
2. Male.	45	Asphyxia due to inhalation of vomitted food.
3. Male.	41	Asphyxia due to inhalation of vomitted food.
<u>NORTH CENTRAL WARD.</u>		
4. Female.	61	Asphyxia due to overdose of tablets.
5. Male.	48	Carbon monoxide poisoning - Misadventure.
6. Male.	69	Pulmonary embolus due to debility - Natural causes.
<u>SOUTH WARD.</u>		
7. Male.	33	Asphyxia due to hanging.
8. Female.	18 mths.	Asphyxia due to inhalation of food.
<u>SOUTH CENTRAL WARD.</u>		
9. Female.	76	Barbiturate poisoning - overdose of capsules.
10. Female.	62	Acute left ventricular failure due to coronary occlusion - Natural causes.
<u>EAST WARD.</u>		
11. Male.	53	Asphyxia due to acute oedema of larynx - Natural causes.
<u>WEST WARD.</u>		
12. Male.	46	Asphyxia due to inhalation of vomitted blood from duodenal ulcers - Misadventure.
13. Male.	63	Barbiturate poisoning - overdose of capsules.
14. Female.	94	Hypostatic pneumonia due to immobilisation. Accidental death.

AGES AT DEATH.

	Males.	Females.	Total.
Under 1 week... ..	1	1	2
1 week - 6 months.. ..	2	1	3
6 months - 12 months... ..	2	1	3
TOTAL UNDER 1 YEAR:	5	3	8
1 - 4 years	—	1	1
TOTAL UNDER 5 YEARS:	5	4	9
5 - 14 years... ..	—	—	—
15 - 24 years.. ..	3	—	3
25 - 44 years.. ..	4	2	6
45 - 64 years.. ..	59	24	83
65 years and over.. ..	150	160	310
TOTAL - ALL AGES:	221	190	411

CAUSES OF DEATH.

	Males.	Females.	Total.
Malignant Neoplasm, stomach.... ..	8	6	14
Malignant Neoplasm, lung, bronchus.	17	2	19
Malignant Neoplasm, breast.	—	2	2
Malignant Neoplasm, uterus.	—	3	3
Other malignant & Lymphatic Neoplasms.. ..	21	14	35
Leukaemia and Aleukaemia... ..	2	1	3
Diabetes... ..	1	2	3
Vascular lesions of nervous system.	28	36	64
Coronary disease, angina... ..	49	26	75
Hypertension with heart disease	1	7	8
Other heart disease	26	36	62
Other circulatory disease.. ..	7	10	17
Influenza.. ..	—	2	2
Pneumonia.. ..	2	6	8
Bronchitis.	20	4	24
Other diseases of Respiratory System... ..	3	1	4
Ulcer of Stomach and duodenum.. ..	3	1	4
Hyperplasia of prostate	1	—	1
Nephritis and Nephrosis	—	1	1
Congenital malformations... ..	2	1	3
Other defined and ill-defined diseases.	19	23	42
Motor vehicle accidents	4	—	4
All other accidents	4	4	8
Suicide	3	2	5
TOTAL - ALL CAUSES:	221	190	411

There were 92 cases of Infectious Disease notified during the year, as against 355 cases during 1965, and were as follows:-

	<u>Total Cases Notified.</u>
Measles... ..	54
Scarlet Fever.	20
Chicken Pox... ..	12
Pulmonary Tuberculosis	5
Non-Pulmonary Tuberculosis	-
Erysipelas.... ..	1
	<u>92</u>

The distribution in relation to the various Wards of the district, is as follows:-

	N.	NC.	S.	SC.	E.	W.	Total.
Measles... ..	6	7	10	8	18	5	54
Scarlet Fever.	3	6	3	4	3	1	20
Chicken Pox... ..	3	1	2	-	3	3	12
Pulmonary Tuberculosis ...	3	1	-	1	-	-	5
Non-Pulmonary Tuberculosis	-	-	-	-	-	-	-
Erysipelas	-	-	-	1	-	-	1
	<u>15</u>	<u>15</u>	<u>15</u>	<u>14</u>	<u>24</u>	<u>9</u>	<u>92</u>

FOOD POISONING OUTBREAKS.

No.of Cases.	No. of Deaths.	Organisms or other agents responsible.	Foods involved.
-	-	-	-

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.
Measles.	2	6	7	7	3	28	-	1	-	-	-	-	54
Scarlet Fever.	-	-	1	3	2	12	2	-	-	-	-	-	20
Chicken Pox.	1	-	-	2	2	5	-	1	-	-	1	-	12
Non-Pulmonary Tuberculosis.	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary Tuberculosis.	-	-	-	-	-	-	-	-	1	2	1	1	5
Erysipelas.	-	-	-	-	-	-	-	-	-	-	-	1	1
TOTAL:	3	6	8	12	7	45	2	2	1	2	2	2	92

CASES NOTIFIED.

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

DISEASE.	JAN.	FEB.	MARCH.	APRIL	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
Measles.	-	3	-	-	-	3	1	3	1	1	10	32	54
Scarlet Fever.	1	1	-	3	1	1	2	2	2	2	2	3	20
Chicken Pox.	2	-	-	2	-	2	1	2	1	-	-	2	12
Non-Pulmonary Tuberculosis.	-	-	-	-	-	-	-	-	-	-	-	-	-
Pulmonary Tuberculosis.	1	-	-	-	-	-	1	-	-	1	1	1	5
Erysipelas.	-	-	-	-	-	-	-	1	-	-	-	-	1
TOTAL:	4	4	-	5	1	6	5	8	4	4	13	38	92

TUBERCULOSIS.

The following Table shows the age periods of the cases notified
and deaths which have occurred.

	NEW CASES:						DEATHS:			
	PULMONARY.			NON-PULMONARY.			PULMONARY.		NON-PULMONARY.	
	MALES.	FEMALES.		MALES.	FEMALES.		MALES.	FEMALES.	MALES.	FEMALES.
1 - 5 yrs.										
5 - 10 yrs.										
10 - 15 yrs.										
15 - 20 yrs.	1	1								
20 - 25 yrs.										
25 - 35 yrs.		1								
35 - 45 yrs.	1									
45 - 55 yrs.										
55 - 65 yrs.										
65 yrs. & over.							1		1	
Age Unknown.										
TOTAL:	2	2					1		1	

ANNUAL REPORT OF THE CHIEF PUBLIC HEALTH INSPECTOR.
=====

TO THE CHAIRMAN AND MEMBERS OF THE
THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

Mr.Chairman, Ladies and Gentlemen,

I have pleasure in submitting my Annual Report on the Public Health and Cleansing Department for the year 1966.

One Inspector left the service of the Council during the year and an additional Inspector was appointed in his place as Public Health Inspector and Inspector under the Shops Act. The work of Shops Inspector in a district such as ours could absorb a good proportion of his time. Constant attention has been given to all matters coming under the control of the department.

I estimate that less than 3% of the houses in the district do not possess all the standard amenities and every opportunity is taken to impress upon owners the necessity to provide these. Every house should possess all the five standard amenities and it is the aim of the department to endeavour to achieve this end.

Once again much attention has been given to premises coming within the scope of the Food Hygiene Regulations and I must stress once again that this work must continue to be an important part of the work of the department.

The Cleansing services were again under continual pressure and consideration was being given to the provision of larger capacity vehicles; re-organisation of rounds and a bonus payment scheme. The Council have now entered into a joint agreement with an adjacent authority, to use the facilities for tipping refuse in their area.

In conclusion, I wish to accord my thanks to the Chairman and Members of the Health Committee and Council, for their helpful co-operation and continued interest in all public health matters concerning the welfare of the district.

I also tender my grateful thanks to the administrative and technical staff for their loyalty and support during the year.

I am, Mr.Chairman, Ladies and Gentlemen,
Yours faithfully,

A. E. BARNES.

Chief Public Health Inspector & Cleansing
Officer.

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.

Two samples of water were taken by this department, from the mains supply. One was submitted for bacteriological examination and one of chemical analysis. Both samples were satisfactory.

Twenty-seven samples of mains water were taken by the Fylde Water Board and the following information has been supplied by them.

No. of samples taken...	27
No. free from Coliform organism ...	27
% satisfactory ...	100

Aerobic micro-organisms growing in Yeastral Agar:

No. of colonies per ml. of sample -

In 2 days @ 37°C...	2
---------------------	---

In 3 days @ 22°C...	5
---------------------	---

No complaints were received during the year with respect to the water supply.

From information received from the Fylde Water Board, the fluoride content of all the water supplied is less than 0.1 p.p.m. as F.

STATISTICS.

Total number of houses supplied by Fylde Water Board.. ...9,760

Total number of houses dependent upon well water.. ... 1

9,761

The only house in the district dependent upon well water is remote from a mains supply and it would be an advantage if this house could be connected to the mains supply. This question was still being pursued at the end of the year.

TYPICAL CHEMICAL ANALYSIS OF THE FYLDE WATER SUPPLY.

	<u>Summer supply.</u>	<u>Winter supply.</u>
	CLEAR & BRIGHT.	CLEAR & BRIGHT.
Appearance.		
Colour (Hazen p.p.m. Pt)	4	3
Turbidity (p.p.m. Silica)	Nil	Nil
Odour.	Nil	Nil
Taste.	Normal	Normal
Reaction pH value	7.3	9.0
	p.p.m.	
Residual Chlorine.	0.20	0.20
Free & Saline Ammonia as N ₂ .	0.02	0.04
Albuminoid Ammonia as N ₂ .	0.03	0.05
Nitrous Nitrogen as N ₂ .	Nil	Negligible.
Nitric Nitrogen as N ₂ .	0.54	0.48
Oxygen absorbed 4 hrs. @ 27°C.	0.67	0.26
Free Acidity as CO ₂ .	Less than 5	Less than 5
Carbonate Hardness as CaCO ₃	16	50
Total Hardness as CaCO ₃ .	40	68
Non-carbonate Hardness as CaCO ₃ .	24	18
Excess Alkalinity as Na ₂ CO ₃ .	Nil	Nil
Calcium as CaCO ₃ .	32	54
Magnesium as CaCO ₃ .	8	14
Total Solids dried at 180°C.	85	115
Chloride as Cl.	12	14
Sulphate as SO ₄ .	23	23
Lead as Pb.	Nil	Nil
Manganese as Mn.	Nil	Nil
Copper as Cu.	Nil	Nil
Iron as Fe.	0.08	0.02
Aluminium as Al.	0.13	0.13
Fluoride as F.	Less than 0.1	Less than 0.1

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 new housing estates.

The question of adequacy or inadequacy of the sewage system in the area is now receiving the attention of the Council working with Consultants and the reports are under active consideration.

Statistics.

Dwelling-houses using water carriage system...	9,750
Dwelling-houses using privy middens...	-
Dwelling-houses using pail closets ...	10
Dwelling-houses dependent upon well water. ...	1

CONVERSIONS DURING YEAR.

There was one conversion during the year and was in respect of a privy midden at farm premises. An internal W.C. was installed and a proper drainage system connected to a septic tank. The sewers need to be extended before it is possible for further conversions to take place. There are now eleven houses without modern sanitary accommodation and these are mostly farms or outlying cottages and to which no sewers are yet available. Work was going ahead to extend a sewer in one part of the district and this will enable three premises to be connected to the sewer, thus eliminating the use of three pail closets.

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.

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.

PUBLIC CLEANSING.

The work of the Public Cleansing section of the department has proceeded in a satisfactory manner. The collection of refuse is carried out by one "W" type S.D. fore and aft tipper and two "TW" type diesel fore and aft tippers, all with cabs to accommodate drivers and loaders. Wastepaper salvage is collected weekly by a "W" type S.D. fore and aft tipper.

The vehicles used in the department are as under:-

S.D.1. "W" type fore and aft tipper.	Licensed April, 1957.
S.D.2. "W" type fore and aft tipper.	Licensed March, 1958.
S.D.3. "TW" type diesel fore and aft tipper.	Licensed March, 1961.
S.D.4. "TW" type diesel fore and aft tipper.	Licensed Sept. 1962.

As the department has no spare vehicle available, it has been necessary to hire one when breakdowns, etc. occur. The hired vehicle is used for paper collection whilst our own vehicle collecting paper is transferred to refuse collection. This transfer does cause some delay and it makes it difficult during the year to recruit suitable labour for this type of work and it was a problem at times to maintain full gangs.

Consideration should be given to the system of using bulk containers at many shop and hotel premises. The provision of a bulk-loading refuse vehicle to deal with these containers, would assist the work of the department and help us to maintain a weekly collection throughout the district. Whether or not a bulk-loading vehicle is provided, more transport is required for this most important work and the Council agreed to the provision of a new vehicle in 1967.

Costings - Refuse Collection (Year Ending 31.3.67).

	£	£
Total gross cost involved - collection of house, shop and trade refuse.....		24,022
Net cost of salvage: Sales.....	1,682	
Cost.....	<u>1,649</u>	33 Cr.
		<u>23,989</u>
Income - Trade Refuse, etc.....		<u>343</u>
		<u>23,646</u>
Expenditure per 1,000 houses per annum... ..		£2,422
Expenditure per 1,000 population per annum... ..		£1,001

DISPOSAL OF REFUSE.

Until October, 1965, all the refuse collected was disposed of by controlled tipping methods, on land owned by the Council at the River Wyre foreshore. This site has now been completed and the whole of the land reclaimed. It could be made suitable for recreational purposes as the Council wish to decide. In addition to providing tipping facilities for refuse, this land can be a valuable asset in the future.

Since October, 1965, the refuse has been disposed of on land at Bourne Hall which was purchased for this purpose. The amount of land available is very limited and discussions took place during the year with a neighbouring authority. It was agreed that when the Bourne Hall tip is completed, probably about June, 1967, tipping facilities be shared with our neighbours, along with the costs involved. This will be a very helpful arrangement to us and will provide us with tipping space for many years to come.

Costings - Refuse Disposal (Year Ending 31.3.67).

Number of loads...	2,828
Estimated weight (tons)...	9,898
Total Cost (Net)...	£2,231
Cost per ton...	4/6d.
Cost per 1,000 houses per annum...	£228.
Cost per 1,000 population per annum...	£94.

Costings - Refuse Collection & Disposal (Year Ending 31.3.67).

Total Cost ...	£25,877
Cost per 1,000 houses per annum...	£2,662
Cost per 1,000 population per annum...	£1,265

COLLECTION AND DISPOSAL OF SALVAGE.

The Council continued with the collection of waste paper salvage during the year and the price remained at £8. 12. 6d. per ton. Since fire destroyed the Council's baling shed in September, 1964, a garage in the Council's Depot has been used for this purpose. This has not been very satisfactory and at the end of the year arrangements were in hand to purchase a new baling shed.

Thanks are due to all the workmen engaged in 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, 1966.

	tons.	cwts.	lbs.	£.	s.	d.
Wastepaper(baled)...	135.	2.	56.	1,165.	9.	3
Wastepaper(loose)...	14.	15.	75.	88.	14.	0.
	149.	18.	19.	1,254.	3.	3.

REFUSE COLLECTION STATISTICS.

	1966.
Estimated tonnage collected...	10,017
Total mileage run by vehicles...	23,993
Number of visits to premises...	483,825
Number of ash bins emptied ...	519,248

EMPLOYEES.

Foreman...	1
Motor Drivers...	4
Refuse and Salvage Collectors...	15
Paper Balers...	1
Tip Attendants ...	1

TOTAL: 22

The above figures show the minimum labour requirements of the department at present, but it is necessary from time to time to increase this labour force due to the growth of the number of houses in the district and the fact that during the holiday period, additional collections have to be given. We have now reached the stage when the labour force and number of vehicles will have to be increased so as to meet the increasing demand made on the service.

The cost of the collection of refuse is kept under constant review or it could become a very expensive item.

As a result of a work study on refuse collection, it was agreed that the question of an incentive bonus for refuse collectors be gone into and this was receiving attention at the end of the year.

MONTHLY ANALYSIS OF REFUSE COLLECTION AND DISPOSAL.

<u>MONTH.</u>	<u>LOADS.</u>	<u>MILEAGE.</u>	<u>VISITS TO PREMISES.</u>	<u>ASHBINS EMPTIED.</u>
January.	260	1,778	41,145	44,746
February.	198	1,371	39,907	40,607
March.	270	1,723	45,127	48,350
April.	236	1,755	38,833	41,524
May.	240	1,954	39,201	41,915
June.	232	1,953	37,768	41,202
July.	246	1,999	39,644	42,799
August.	270	2,736	45,086	48,904
September.	200	1,995	34,214	36,763
October.	216	2,259	35,609	38,369
November.	276	2,488	48,555	52,384
December.	218	1,982	38,736	41,685
	<u>2,862</u>	<u>23,993</u>	<u>483,825</u>	<u>519,248</u>

It is established that the "W" type and "TW" type vehicles have an average load capacity of 3 tons. 10 cwts.

Due to re-organisation of rounds, the mileage run by the Cleansing vehicles, was down on the previous year, in spite of an increase in the number of loads and number of visits to premises.

PUBLIC CONVENIENCES.

From the 1st April, 1964, the department was responsible for the cleansing and maintenance of all Public Conveniences. The following is a list of such Conveniences as at 31st December, 1966. They are cleansed by one man part-time; one lady supervisor full-time and one lady cleaner full-time. The male cleaner works full-time in the season.

SITUATION.	ACCOMMODATION FOR FEMALES.	ACCOMMODATION FOR MALES.
Arena, Cleveleys.	6 WCs., 2 wash-hand basins with hot & cold water.	3 WCs. & urinal; 2 wash-hand basins with hot & cold water.
* Bathing Station, Cleveleys.	9 WCs., 2 wash-hand basins with hot & cold water.	4 WCs. & urinal; 2 wash-hand basins. Cold water only.
Jubilee Gardens, Cleveleys.	10 WCs. (6 unused). 2 wash-hand basins. Hot water at only one; cold at other.	5 WCs. (3 unused) & urinal. 2 wash-hand basins. Hot water at one only; cold at other.
* Jubilee Gardens, Bowling Green, Cleveleys.	2 WCs.	1 WC. and urinal.
Bus Station, Cleveleys.	3 WCs. (one unused). 2 wash-hand basins with hot & cold water.	2 WCs. & urinal. 2 wash-hand basins with hot & cold water.
Victoria Square, Cleveleys.	2 WCs. 2 wash-hand basins. Cold water supply only.	1 W.C. and urinal.
* Ashdell Bowling Green, Thornton.	3 WCs. 1 wash-hand basin. Cold water supply only.	2 WCs. & urinal. 1 wash-hand basin. Cold water supply only.
Four Lane Ends, Thornton.	3 WCs. 1 wash-hand basin with hot & cold water.	2 WCs. and urinal. 1 wash-hand basin with hot & cold water.
Gamble Road, Thornton.	1 W.C.	1 W.C. and urinal.

* Not in use during winter months.

During the year extensive reconstruction of the Bus Station Public Conveniences was carried out and it is hoped that these will be useful in filling a much desired need.

In common with other authorities, we suffered damage at the public conveniences and this vandalism causes extra work and also increases the cost of maintaining them.

SANITARY INSPECTIONS.

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

Number of premises visited...	4,076
Number of defects or nuisances discovered ...	720
Number of defects or nuisances abated ...	700
Number of Informal Notices served ...	19
Number of Statutory Notices served...	8
Number of complaints received and investigated...	409

WORK CARRIED OUT.

Sanitary accommodation and drainage:

Drains cleansed from obstruction..	401
Drains relaid. ...	9
Chemical closet provided to building site. ...	1
Septic tank cleansed from obstruction. ...	1
Field tile cleansed from obstruction..	1
Provision of new inspection chambers and gullies..	4
Additional W.Cs. provided. ...	1
Defective W.C. cisterns repaired..	3
Defective joints made good ...	3
Wastepipes repaired and made to discharge to gully ...	4

Housing:

Rising and penetrating dampness eradicated ...	5
Eavesgutters repaired. ...	3
Wash-hand basin replaced..	1
Walls repaired and rendered...	6
Roofs repaired and made waterproof ...	7
Floors relaid and repaired ...	2
Walls and ceilings repaired...	2
Defective spouting repaired or replaced...	5
Fitting of cowl to prevent smoke nuisance. ...	1
Ridge tiles secured...	1
Defective doors repaired..	6
New sinks provided ...	1
Windows repaired..	11
Repairs to chimney breast. ...	1

Miscellaneous:

Offensive accumulations removed and land cleared..	28
Food Hygiene Regulations - Items completed ...	30
Offices, Shops & Railway Premises Act-Items completed. ...	299
Foul cellars cleansed. ...	1
Defective and dilapidated structure removed...	1
Nuisance from animals kept abated. ...	1
Miscellaneous. ...	5

SUMMARY OF VISITS MADE.

Visits to defective drains, extensions to sewers.....	535
Visits to drains cleansed from obstruction.....	410
Visits re conversion of pail closets and septic tanks	43
Visits to water under floors, flooded land and gardens.....	79
Visits re inspection of Public Conveniences.....	166
Visits in connection with Food Hygiene Regulations.....	536
Visits re unsound foodstuffs.....	39
Visits made in connection with Brucellosis.....	39
Visits to premises where milk and ice cream are sold.....	27
<u>Samples taken:</u> Milk.....	101
Ice Cream.....	35
Liquid Egg (2); Shell Fish(1) Ice Lollies(9).....	12
Water.....	2
Visits re water supply.....	16
Visits re rodent control - treatment and eradication.....	407
Visits re rodent control - search and survey.....	298
Test baiting of foul sewers (man-holes baited).....	56
Visits re other vermin(pigeons, ants,etc).....	243
Enquiries re Council houses - applications.....	53
Inspection of Council houses.....	14
Visits re Improvement Grants and Surveys.....	301
Visits re defects and alterations.....	223
Visits to houses being demolished.....	16
Visits re overcrowding & to unwholesome houses.....	8
Visits to houses in multi-occupation & holiday flats.....	29
Visits to houses under Public Health Acts.....	44
Visits re smoke, smell and noise observations.....	76
Visits to air pollution apparatus(daily).....	378
Visits to cases of Infectious Disease.....	109
Visits to factories.....	35
Visits re Offices, Shops & Railway Premises Act.....	435
Visits re refuse & salvage collection & disposal.....	1,290
Visits re untidy land, yards, etc.....	26
Visits re pig-keeping and to piggeries.....	19
Visits to caravans and sites.....	117
Visits to work ordered or in progress.....	195
Owners or Agents interviewed.....	120
Visits re Game Dealers' licences.....	3
Visits to poultry premises & inspection of poultry.....	117
Visits re National Assistance Act.....	6
Inspections under Shops Acts.....	442
Visits re Pet Animals Act & Slaughter of Animals Act.....	4
Visits re Hawkers' Licences(Lancs.County Council (General Powers Act))	2
Visits made re Waste Food Order & to Agricultural premises.....	30
Complaints investigated.....	409
Miscellaneous Inspections.....	180

7,725

DETAILS OF STATUTORY NOTICES SERVED.

HOUSING ACT, 1957. PUBLIC HEALTH ACT, 1936.

<u>Act & Section.</u>	<u>Reason for Notices.</u>	<u>No.of Notices served.</u>	<u>No.complied with at end of year.</u>
Housing Act,1957. Section 9.	Housing defects.	6	4
Public Health Act, 1936. Section 93.	Housing defects.	2	2

SWIMMING BATHS AND POOLS.

There are no public swimming baths in the area.

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 two premises on the register where filling materials are used, the provisions of the Act being complied with.

PET ANIMALS ACT,1951.

Two pet shops were 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.

DISEASES OF ANIMALS(WASTE FOODS)ORDER,1957.

Upon the application of the Council, the County Council delegated to us their functions under the above Order, as and from 1st July,1959.

Number of plants licensed at time of delegation...	3
Number of plants licensed since delegation ...	10
Number of licences cancelled or revoked...	6
Number of prosecutions ...	0
Number of inspections to licensed plants..	7

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 three Certificates are in existence in respect of premises in the area.

DISINFECTION.

Disinfection is carried out by means of a formalin spray or by formalin fumigators. It 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.

SCHOOLS.

The general condition of the schools in the area can be considered satisfactory, all being supplied with Fylde water and in each case modern water closets are provided. The nine schools in the area are under the control of the Lancashire Education Committee.

DESTRUCTION OF DOMESTIC PETS.

Destruction of domestic pets is carried out by chloroform and for a charge of 1/- a person can have a dog or cat painlessly destroyed. The department undertakes the proper disposal of the carcasses.

Number of dogs destroyed in 1966.....	26
Number of cats destroyed in 1966.....	19
	<hr/> 45
Income from destruction of animals.....	£2.5.0.
Income from sale of carcasses.....	£5.0.0.
	<hr/> £7.5.0. <hr/>

SHELL FISH.

There are no shell fish beds in our area. During the year one sample of cockles was taken from an Oyster Stall on the Promenade and submitted to the Public Health Laboratory, Preston, for bacteriological examination. This was satisfactory.

MORTUARY.

A modern mortuary, possessing equipment in accordance with present day practice, has been in use throughout the year. It was used on 113 occasions and 102 post-mortems were conducted by the Police Surgeon.

By arrangement, an adjacent Borough Council, two Urban District Councils and a Rural District Council, have the joint use of our Mortuary at agreed charges and this system is working satisfactorily.

PARTICULARS OF USE OF MORTUARY.

Thornton Cleveleys.....	36
Fleetwood Borough Council.....	46
Poulton-le-Fylde Urban District Council.....	17
Preesall Urban District Council.....	6
Garstang Rural District Council.....	5
Other Authorities(via the Coroner).....	3

VERMINOUS PREMISES.

Several complaints received during the year were thoroughly investigated, advice and help being given. Minor and new infestations were dealt with by the department in co-operation with the tenants or owners concerned. The eradication of vermin is carried out by proprietary liquid insecticide and D.D.T. powder.

Eradications carried out.

Ants.....	49
Cockroaches.....	8
Wasps' Nests.....	3
Ermine Moth.....	4
Bed Bugs.....	1

MOVEABLE DWELLINGS AND CAMPING SITES.

The control of moveable dwellings and camping sites in this area is under the Caravan Sites and Control of Development Act, 1960. The owners of the three sites in the district have been requested to comply with the new requirements of the Act and reasonable time has been given for this to be done.

The number of caravans allowed at each site is as under:-

No.1. Site. (Holiday only).....	180
No.2. Site. (residential).....	30
No.3. Site. (residential).....	24

All the work required at the three sites has now been completed in a satisfactory manner. In each case the Model Standards were used as a guide for our requirements.

During the year permission was granted for the provision of two additional holiday sites in the River Road area and at the end of the year extensive work was proceeding at one site.

All the sites were conducted satisfactorily during the year and there was no cause for any complaint.

FACTORIES ACT, 1937.

Records are kept of all premises coming within the scope of the Factories Act and regular 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.

	No. on Register.	Inspections.	Written Notices.
Factories (without mechanical power).....	6	4	-
Factories (with mechanical power).....	67	31	-
	73	35	-

2. Defects found in Factories & Other Premises.

	No. of Cases in which defects were found:	
	Found:	Remedied:
Sanitary Conveniences:		
(a) Insufficient.....	2	1
(b) Unsuitable or defective	4	-
(c) Dirty.....	1	1

ATMOSPHERIC POLLUTION.

During the year recordings of the volumetric concentration of smoke and sulphur dioxide in the atmosphere, were obtained at the following sites in the district, in accordance with the recommendations of the Department of Scientific and Industrial Research.

1. North Western Gas Showrooms, Victoria Square, Cleveleys (Cleveleys 2).

This site is situated in a commercial area of shops, hotels and boarding-houses, together with many small scattered light industries.

2. North Western Electricity Board Sub-Station, Butts Rd., Thornton.

(Thornton Cleveleys 2)

The area is dominated by a large chemical works to the North and East, whilst to the South is light industry and open fields to the West.

CONCENTRATION OF SMOKE & SO₂ IN ATMOSPHERE - GAS SHOWROOMS.

Month.	Average Smoke- Microgrammes/ Cubic Meter.	Average SO ₂ Microgrammes/ Cubic Meter.	Highest- Daily.	Highest Daily SO ₂
January.	212.81	175.47	446	270
February.	114.57	126.54	520	313
March.	57.81	71.09	262	155
April.	52.52	55.79	130	131
May.	48.11	43.52	103	111
June.	20.27	39.57	39	90
July.	10.77	23.77	22	54
August.	24.67	41.27	69	85
September	71.33	70.77	273	169
October	128.90	105.99	257	179
November	106.30	90.87	787	296
December.	96.84	66.84	344	301

CONCENTRATION OF SMOKE & SO₂ IN ATMOSPHERE-BUTTS ROAD,
THORNTON.

Month.	Average Smoke- Microgrammes/ Cubic Meter.	Average SO ₂ Microgrammes/ Cubic Meter.	Highest Daily Smoke.	Highest Daily SO ₂
January.	114.47	93.61	206	193
February.	83.82	77.53	268	177
March.	94.48	56.45	273	136
April.	53.68	38.88	104	168
May.	54.00	26.37	108	77
June.	29.57	23.63	48	72
July.	19.06	17.27	32	31
August.	27.63	21.40	57	36
September.	69.33	52.40	158	141
October.	97.68	65.25	190	120
November.	102.43	58.67	693	206
December.	95.96	51.72	191	191

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

TABLE "A"

REGISTRATIONS AND GENERAL INSPECTIONS.			
CLASS OF PREMISES.	NO. OF PREMISES REGISTERED DURING 1966.	TOTAL NUMBER OF REGISTERED PREMISES AT END OF YEAR.	NUMBER OF REGISTERED PREMISES RECEIV- ING A GENERAL INSPECTION DURING YEAR.
OFFICES.	10	70	30
RETAIL SHOPS.	12	180	127
WHOLESALE SHOPS & WAREHOUSES.	1	3	-
CATERING ESTAB- LISHMENTS OPEN TO PUBLIC AND CANTEENS.	-	23	0
FUEL STORAGE DEPOTS.	0	0	0

OFFICES, SHOPS & RAILWAY PREMISES ACT, 1963 (CONTD.)

TABLE "B"

Number of visits of all kinds by Inspectors to Registered Premises.	414
---	-----

TABLE "C"

CLASS OF WORKPLACE:	NUMBER OF PERSONS EMPLOYED:
OFFICES.	243
RETAIL SHOPS.	510
WHOLESALE SHOPS & WAREHOUSES.	2
CATERING ESTABLISHMENTS OPEN TO THE PUBLIC.	247
CANTEENS.	-
FUEL STORAGE DEPOTS.	-
TOTAL: (Males: 325) (Females: 677)	1,002

R O D E N T C O N T R O L .

The test-baiting of the foul sewers was not officially carried out during 1966, but baiting in one small portion of the sewers was carried out. The charges for treatment are as follows:-

Private dwelling-houses.....10/-
Boarding houses, hotels, business premises.....Time @ 9/- hr. +
cost of baits.

Statistics for Year.(1st Jan.to 31st Dec.1966).

Number of complaints received..... 58
Number of infestations..... 47
Number of visits for purposes of eradication..... 407
Number of visits for purposes of "search and survey"..... 298
Number of premises successfully treated by L.A..... 47

PREVENTION OF DAMAGE BY PESTS ACT,1949.

It was not found necessary to serve any Notices under the provisions of the above Act. A few intimation notices were served and these were sufficient to secure the co-operation of the people concerned. We experienced no difficulty in regard to the operation of the Act.

Statistics for 12 months ended 31.12.66.

PROPERTIES OTHER THAN SEWERS:	TYPE OF PROPERTY.	
	Non-Agricultural.	Agricultural.
1. No.of properties in district.	10,470	60
2. a) Total no.of properties(incl. nearby premises) inspected following notification.	58	1
b) No. infested by (i) Rats.	27	-
(ii) Mice.	20	-
3. a) Total no.of properties inspected for rats &/or mice for reasons other than notification.	-	-
b) No. infested by (i) Rats.	-	-
(ii) Mice.	-	-
<u>SEWERS:</u>		
4. Were any sewers infested by rats during the year?	YES.	

H O U S I N G.

1. Number of new houses erected during 1966.

	<u>Houses.</u>	<u>Flats.</u>
(1) By the local authority.....	-	-
(2) By other bodies or persons.....	459	-
(3) Total number of houses in area.....	9,761	
<u>New Houses erected in 1966(Ward Distribution)..</u>		
North Ward.....	103	
North Central Ward.....	127	
South Ward.....	37	
South Central Ward.....	24	
East Ward.....	166	
West Ward.....	2	
	<u>459</u>	

2. Total No. of Council-owned dwellings existing at year end: 576

3. Inspection of dwelling-houses during year:

(i)	(a) Total no. of dwelling-houses inspected formally or informally for housing defects(under Public Health or Housing Acts).....	80
	(b) No.of Inspections - formal or informal - made for the purpose.....	267
	(c) No.of dwelling-houses in(a) above found to be not in all respects reasonably fit for human habitation but capable of being rendered fit.....	76
(ii)	Total No.of dwelling-houses existing at end of year which were unfit for human habitation & not capable at reasonable expense of being rendered fit & in respect of which:	
	(a) Demolition Orders have been made(at any time):	4
	(b) Demolition or Closing Orders have not yet been made.....	2

4. Houses Demolished:

In Clearance Areas:	Houses Demol- ished.	Displaced during year.	
		Persons.	Families.
1) Houses unfit for human habitation.	4	-	-
2) Houses included by reason of bad arrangement, etc.....	-	-	-
3) Houses on land acquired under Sec. 43(2), Housing Act,1957.....	-	-	-
Not in Clearance Areas:			
4) As a result of formal or informal procedure under Sec.17(1),Housing Act,1957.....	-	-	-
5) Local Authority-owned houses certified unfit by M.O.H.....	-	-	-
6) Houses unfit for human habitation where action has been taken under local Acts.....	-	-	-
7) Unfit houses included in Unfitness Orders.....	-	-	-

5. Unfit Houses Closed:-

	Number.	Displaced during year.	
		Persons.	Families.
(1) Under Secs.16(4),17(1) & 35 (1),Housing Act,1957.....	-	-	-
(2) Under Secs.17(3) and 26, Housing Act,1957.....	-	-	-
(3) Parts of buildings closed under Sec.18,Housing Act,1957.	-	-	-

6. Unfit Houses made Fit and Houses in which defects were remedied:-

	By Owner:	By L.A.
(1) After informal action by L.A.	17	-
(2) After formal notice under:		
(a) Public Health Acts.....	1	-
(b) Housing Act,1957.Secs.9 & 16.....	2	1
(3) Under Sec.24.Housing Act,1957.	-	-

7. Unfit Houses in Temporary Use - Housing Act,1957:-

<u>Position at end of year:</u>	No. of houses.	No.of separate dwellings contained in Col.(1).
(1) Retained for temporary accommodation -		
(a) Under Sec.48.....	-	-
(b) Under Sec.17(2).....	-	-
(c) Under Sec.46.....	-	-
(2) Licensed for temporary occupation under Secs.34 or 53.	-	-

8. Purchase of Houses by Agreement:

	No.of Houses.	No.of occupants of houses in Col.(1)
Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year.....	-	-

IMPROVEMENT GRANTS.

HOUSING ACT, 1964. CIRCULAR 53/64.

As a result of informal action, several more applications for Standard Grants were received and nearly twice as many as the previous year were approved by the Council. It is intended to keep this improvement to houses constantly under review.

Discretionary Grants.

Action during year:	No. of Dwelling Houses or other buildings affected in schemes of:	
	Private bodies or individuals:	Local Authority:
(a) Submitted by private individuals to L.A.....	1	-
(b) Approved by L.A.....	-	-
(c) Submitted by L.A. to Ministry.....	-	-
(d) Finally approved by Ministry.....	-	-
(e) Work completed.....	1	-
(f) Additional separate dwellings included in (e) above.....	-	-

Standard Grants.

Action during year:	No. of dwellings or other buildings affected.
(a) Applications submitted to L.A.	41
(b) Applications approved by L.A.	45
(c) Work completed.	29

RENT ACT, 1957.

APPLICATIONS FOR CERTIFICATES OF DISREPAIR (1st JAN. - 31st DEC. 1966)

1. Number of applications for Certificates of Disrepair..... -
2. Number of decisions to issue Certificates of Disrepair..... -
3. Number of Certificates of Disrepair issued..... -

HOUSING ACT, 1957 - SECTION 16.

1. Individual houses reported upon to Council.....	-
2. Demolition Orders made.....	-
3. Undertakings accepted - "house ceased to be used for habitation".....	-
4. Undertakings accepted - "render house fit for habitation".	-
5. Works completed during year in respect of undertakings....	-
6. Undertakings outstanding at end of year.....	-
7. Houses demolished during year.....	4
8. Houses demolished voluntarily during year.....	-
9. Number of families re-housed in Council houses.....	-

HOUSING ACT, 1957 - SECTION 42.

1. Clearance areas reported to Council.....	-
2. Number of houses in Clearance Areas.....	-
3. Number of Orders confirmed.....	-
4. Number of houses in Clearance Areas demolished.....	-
5. Number of families re-housed in Council houses.....	-
6. Number of Enquiries held during year.....	-
7. Number of houses involved in Enquiries.....	-

HOUSING ACT. HOUSES IN MULTIPLE OCCUPATION.

A survey of houses in multi-occupation has now been completed and as a result of the information obtained, some improvement has taken place to several premises in accordance with the standards previously adopted by the Council.

M I L K S U P P L Y.

There are now no dairies in this district registered under the Milk and Dairies Regulations.

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

Distributors registered by L. A.

Distributors with premises in district(including shops)..... 59
Distributors with premises outside district..... 12

MILK SAMPLES.

Type.	No.of Samples.	Satis- factory.	Unsatis- factory.	Void Samples
Raw Milk - (T.T.)				
(i) Methylene Blue Test.	14	7	5	2
Heat Treated Milk.				
(i) Methylene Blue Test.	} 54	50	3	1
(ii) Phosphatase Test.		54	-	-
(iii) Turbidity Test.		31	1	-

Samples for Biological Examination.

Total number of Samples submitted..... 67

	Results:			
	Positive.	Negative.	No result.	Equivocal
(a) Tuberculosis.	-	11	-	-
(b) Brucellosis-Ring Test.	6	56	5	-
(c) " Culture Test.	1	7	-	-
(d) " Biological Test.	-	11	-	-

Brucella Abortus.

During the year there were three Orders under the Milk and Dairies(General)Regulations, in respect of affected cows at three farms in the area and were still in operation at the end of the year.

FOOD AND DRUGS ACT, 1955.

Number of Food Premises by Type of Business in District
at end of year.

Type of Business.	Number.
General grocers and provision dealers.....	66
Greengrocers and fruiterers(including those selling wet fish, game, etc.....	18
Fishmongers,including those selling poultry,game,etc.	2
Meat shops(butchers, purveyors of cooked & preserved meats, tripe, etc.).....	24
Bakers and/or confectioners.....	19
Fried fish shops.....	11
Shops selling mainly sugar confectionery, minerals, ice cream, etc.....	38
Licensed premises, clubs, canteens, cafes, restaurants, snack bars and similar catering establishments.....	55

Number of Food Premises, by Type, registered under
Section 16 of Food and Drugs Act,1955; Lancashire
County Council Acts or other Local Acts.

Type of Business.	No.Registered at 31.12.66.	No. of Inspections.
Manufacturers of preserved food. ...	35	Inspections
Premises registered for manufacture of Ice Cream.....	2	carried out
Premises registered for sale of Ice Cream.....	106	when visiting
Premises in area registered for Food Hawkers.....	14	under Food Hygiene Regulations.

LIQUID EGG(PASTEURISATION)REGULATIONS,1963.

No.of egg pasteurisation plants in district at end of year.... None
 No.of samples of liquid egg submitted for Alpha-Amylase test.. 2
 No.of samples satisfactory - "Both satisfactorily pasteruised.
 Salmonella organisms not isolated"..... 2

FOOD AND DRUGS ACT, 1955.

The following information has been supplied by the County Medical Officer of Health, with reference to the number of samples taken in this area by the County Public Health Inspectors.

A total of 103 samples were obtained comprising 62 milks (of which six were Channel Islands milk) and 41 others as follows:-

1 Tea.	1 Dried Vegetables.
2 Vinegar.	3 Flavouring Material.
2 Table Jelly.	1 Fresh Cream.
1 Sauce.	1 Double Cream.
1 Anadin Tablets.	1 Liver Sausage Paté.
1 Actal Tablets.	1 Canned Chicken.
1 Sugar.	1 Canned Tomato Juice.
1 Lobak Tablets.	3 Canned Tomato Puree.
1 Throat Lozenges.	1 Pudding Mixture.
1 Castor Oil B.P.	1 Beer.
5 Canned Fruit.	1 Curry Powder.
2 Canned Meat.	1 Single Cream.
1 Colouring Material.	1 Lard.
1 Phenoxymethyl Penicillin Tablets.	1 Milk Shake Powder.
1 Instant Skimmed Milk Granules.	1 Edible Cake Decorations.

Undermentioned are details of those samples on which the County Analyst gave adverse reports:-

<u>Sample.</u>	<u>Result of Analysis.</u>	<u>Action taken.</u>
Flavouring Material.	Contents of bottle only $\frac{1}{4}$ fl.oz. compared with $\frac{1}{2}$ fl.oz. declared.	Weight & Measures Inspector informed.
Chicken, Canned.	Chicken content was only 70%. Can content 5 oz.-proposed standard weight for cans over 30 ozs.net = 80% chicken.	Importers communicated with.
Tomato Juice, Canned.	Contained finely divided loose particles from seams of can.	Further sample obtained.
Tomato Puree, Canned.	Contained 415 parts per million of tin. Recommended maximum limit 250 parts per million.	Further sample obtained.
Tomato Puree, Canned.	Contained 520 parts per million of tin. Recommended maximum limit 250 parts per million.	Remaining stock withdrawn.
Tomato Puree, Canned.	Contained 290 parts per million of tin. Maximum recommended limit 250 parts per million.	Remaining stock withdrawn.
Beer.	Contained excessive amounts of lead and zinc.	Complainant informed and vendor interviewed.

FOOD & DRUGS ACT, 1955 (CONTD.)

UN SOUND FOODSTUFFS.

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

	cwts.	lbs.	ozs.
32 - tins Meat products.....	1.	39.	12½
69 - tins Fruit (various).....		77.	1½
36 - tins Vegetables (various).....		21.	7.
7 - tins Tomato Juice.....		2.	3.
11 - tins fish products.....		5.	9½
15 - tins Soup.....		10.	5.
1 - pkt. sage.....		1.	0.
1 - jar Marmalade.....		2.	0.
1 - Sponge Pudding.....			10½
2 - Norfolk Capons.....		9.	1.
32 - bags of Carrots.....	13.	76.	0.
3 - boxes of Grapes.....		30.	0.
1 - Pkt. Pancake Mix.....		1.	2.
Gammon and Bacon.....		39.	8.
	16.	92.	12.

Condemned foodstuffs are disposed of by burying on the Council's refuse tip.

ICE CREAM(HEAT TREATMENT ETC.)REGULATIONS, 1959.

Under the above Regulations, 9 samples of Ice Lollies were taken and submitted to the Public Health Laboratory, Preston, for pH. Values. As a result of these investigations, it was found that the pH Values were less than 4 and consequently were exempted from the Health Treatment provisions of the above Regulations.

<u>Reference No.</u>	<u>pH. Values.</u>
1/IL/66.....	Less than 4.
2/IL/66.....	Less than 4.
3/IL/66.....	Less than 4.
4/IL/66.....	Less than 4.
5/IL/66.....	Less than 4.
6/IL/66.....	Less than 4.
7/IL/66.....	Less than 4.
8/IL/66.....	Less than 4.
9/IL/66.....	Less than 4.

I C E C R E A M.

During the year there were 3 manufacturers of ice cream and 106 dealers on the register. Regular inspections were carried out at these premises.

Analysis of Samples of Ice Cream.

Ref. No.	Methylene Blue Test. Provisional Grade:				Satisfactory of Not.
	1	2	3	4	
1	1	-	-	-	Yes
2	-	-	1	-	No
3	-	1	-	-	Yes
4	1	-	-	-	Yes
5	-	1	-	-	Yes
6	1	-	-	-	Yes
7	-	1	-	-	Yes
8	1	-	-	-	Yes
9	1	-	-	-	Yes
10	1	-	-	-	Yes
11	1	-	-	-	Yes
12	1	-	-	-	Yes
13	-	-	-	1	No
14	1	-	-	-	Yes
15	1	-	-	-	Yes
16	1	-	-	-	Yes
17	1	-	-	-	Yes
18	1	-	-	-	Yes
19	1	-	-	-	Yes
20	1	-	-	-	Yes
21	1	-	-	-	Yes
22	1	-	-	-	Yes
23	1	-	-	-	Yes
24	-	1	-	-	Yes
25	1	-	-	-	Yes
26	1	-	-	-	Yes
27	1	-	-	-	Yes
28	1	-	-	-	Yes
29	-	-	1	-	No
30	1	-	-	-	Yes
31	1	-	-	-	Yes
32	1	-	-	-	Yes
33	1	-	-	-	Yes
34	1	-	-	-	Yes
35	1	-	-	-	Yes

Ice Cream Samples taken..... 35
 Number satisfactory..... 32
 Number not satisfactory..... 3

FOOD HYGIENE (GENERAL) REGULATIONS, 1960.

INSPECTION AND SUPERVISION OF FOOD.

Routine inspection have been carried out to all premises coming within the scope of the Food Hygiene Regulations and are as under:-

a) Food Vans.....	8
b) Stalls.....	5
c) Butchers' Shops.....	25
d) Grocers' Shops.....	72
e) Greengrocers/Fish Shops.....	25
f) Hotels, Cafe Kitchens and Canteens.....	45
g) Fish Friers.....	25
h) Bakehouses.....	22
i) Clubs, Public Houses, etc.....	10
j) Food Warehouses.....	-
k) Boarding Houses.....	37
l) Food Factories.....	9
	<hr/>
	283
Number of re-visits where work was required:	61
TOTAL:	<hr/>
	344
	<hr/>

POULTRY HYGIENE AND INSPECTIONS.

Following the receipt of Circular A/P 56/1, dated 30th Aug. 1966, a survey was carried out to all premises in the district in which it was thought poultry processing could be carried out. It was found that in 2 premises poultry is dressed in quantities and also in other premises, poultry is dressed at Christmas-time only. A system of inspections was set up and weekly and bi-weekly visits are being made to 2 premises. The inspections commenced 1st October, 1966 and including the survey, 69 visits were paid up to the end of the year and the following poultry was examined:-

Chickens.....	1,873
Turkeys.....	2,970
Ducks.....	6
Geese.....	11
	<hr/>
	4,860

It is now proposed to carry out the inspections of these premises as routine inspections throughout the whole of the year.

a) No. of poultry-dressing premises within the district.....	2 *
b) No. of visits to these premises.....	39
c) Total no. of birds inspected during the year.....	4,860
d) No. of bird carcasses rejected as unfit for human consumption.....	2
e) Weight of poultry condemned as unfit for human consumption.....	45 lbs.

* Dead poultry are received and the plucking and drawing of the poultry is carried out at these premises.

METEOROLOGICAL OBSERVATIONS.

The rainfall is taken daily at 9.0 am. at the Council's Depot,
and reports are placed monthly before the Council.

YEAR.	JAN.	FEB.	MARCH.	APR.	MAY.	JUNE.	JULY.	AUG.	SEPT.	OCT.	NOV.	DEC.	TOTAL.
1940	2.60	1.65	3.25	1.76	1.71	0.40	2.77	1.15	2.37	3.62	4.41	3.30	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	1.35	5.03	1.79	3.09	4.68	3.20	2.73	2.39	34.84
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
1957	4.36	3.39	2.56	0.41	3.74	2.20	4.16	5.73	6.07	6.53	1.69	5.25	46.09
1958	4.52	6.28	1.52	1.52	4.00	4.09	3.19	3.39	3.65	4.15	1.92	3.39	41.62
1959	3.46	0.49	2.56	3.13	1.57	3.91	4.17	0.42	0.39	3.95	4.33	7.51	35.89
1960	5.51	3.00	1.42	2.24	2.81	1.47	5.03	3.06	3.55	2.73	8.48	3.81	43.11
1961	5.52	3.21	0.91	4.81	1.97	2.10	3.98	5.01	3.28	4.95	4.14	3.14	43.02
1962	4.56	1.91	1.73	3.02	2.55	1.40	1.77	5.13	3.59	2.11	2.20	3.19	33.16
1963	0.76	0.47	3.05	2.92	1.93	3.44	2.33	2.89	3.97	3.43	5.60	0.80	31.59
1964	1.29	0.52	2.63	1.92	2.98	1.88	1.38	2.75	1.99	3.08	2.32	5.53	28.27
1965	3.95	0.18	2.14	0.50	3.22	0.34	3.83	3.32	5.91	2.27	3.61	6.49	35.76
1966	2.24	4.62	1.85	2.53	2.84	3.91	1.61	3.82	3.43	4.65	3.60	4.11	39.21

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