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ANNUAL REPORT ON THE HEALTH OF THORNTON CLEVELEYS

SIX YEARS 1939, 1940, 1941, 1942, 1943, 1944, 1945.



MEDICAL OFFICER OF HEALTH

A. H. PENISTAN,

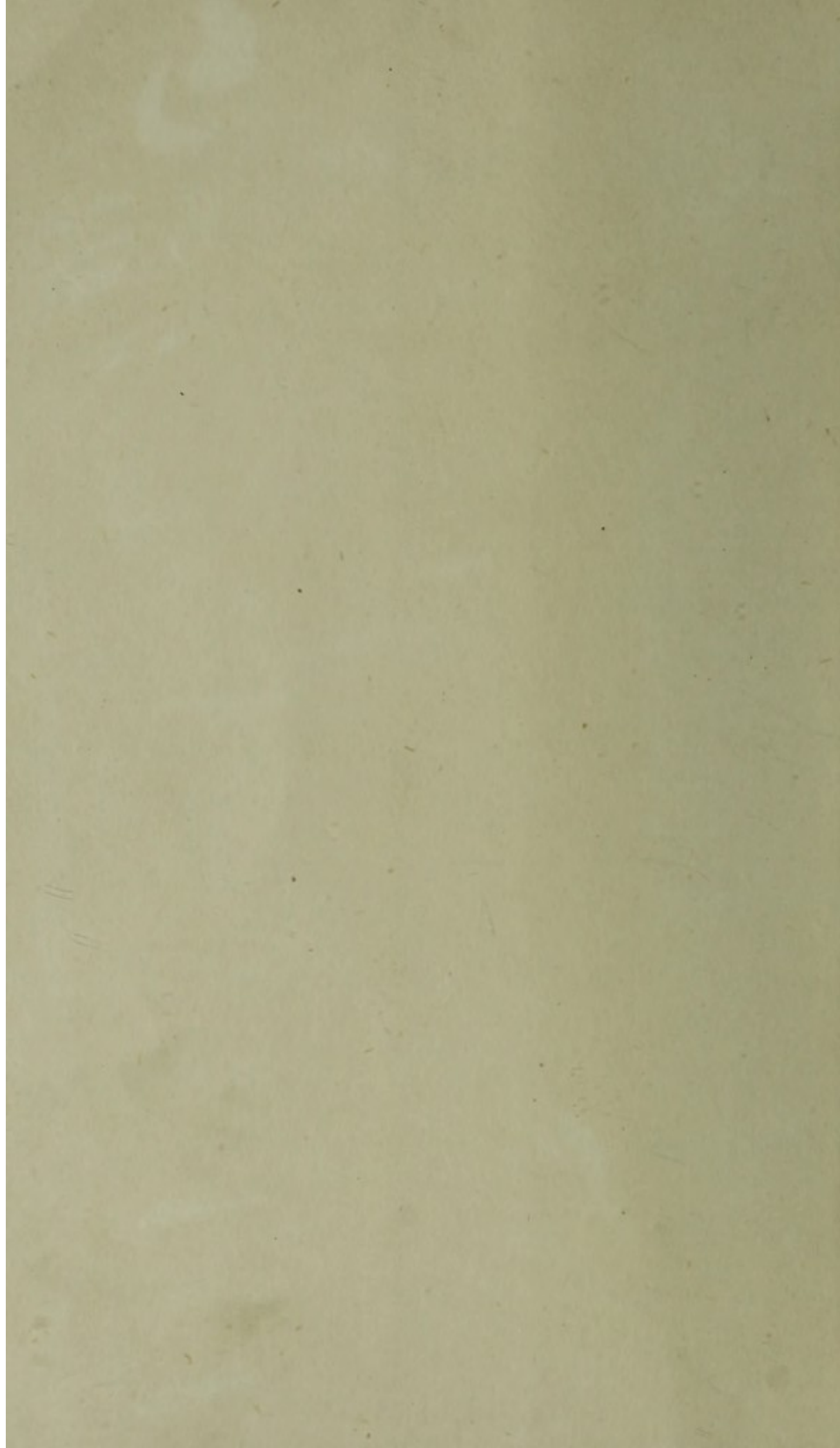
B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.),

F.Soc. M.O.H.

CHIEF SANITARY INSPECTOR & CLEANSING OFFICER

A. E. BARNES, M.R.S.I., M.S.I.A.,

Certified Meat and Food Inspector.



HEALTH
B - 4 NOV 46
O.R. 52

Thornton Clebeleys

Urban District Council.

HEALTH
B - 4 NOV 46
O.R. 52

With the

Clerk's Compliments.

Council Office,
Thornton,
via Blackpool.

THE HISTORY OF THE
CITY OF NEW-YORK
FROM THE FIRST SETTLEMENT
TO THE PRESENT TIME

BY JONATHAN ELLIS, ESQ.

NEW-YORK: PRINTED BY J. M. L. 1808.

THE HISTORY OF THE CITY OF NEW-YORK

ANNUAL REPORT ON THE HEALTH OF THORNTON CLEVELEYS

FOR YEARS 1939, 1940, 1941, 1942, 1943, 1944, 1945.

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Certified Meat and Food Inspector.

ANNUAL REPORT ON THE HEALTH OF THORNTON CLEVELYS

FOR YEARS 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945

MEDICAL OFFICER OF HEALTH

A. H. PENSTAN

M.B., B.S. (Lond.), M.R.C.S. (Lond.), L.R.C.P. (Lond.)

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A. E. BARNES, M.B.S. V.S.I.A.

Certified Medical and Food Inspector

**THORNTON CLEVELEYS
URBAN DISTRICT COUNCIL.**

MEDICAL OFFICER'S REPORT.

Thornton Cleveleys,
August, 1946.

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

Gentlemen,

I beg to submit my Report, together with that of the Chief Sanitary Inspector, for the years 1939, 1940, 1941, 1942, 1943, 1944 and 1945. During the war years, summary reports only were prepared and submitted, and the present Report contains information excluded from the summary reports.

A scheme for the immunisation of children against Diphtheria came into operation on 1st January, 1941, and has been well supported in our district, but every effort must be made to increase the percentage of protected children, especially those under five years of age, to secure the full benefit of the scheme. The ready co-operation of the County Authorities to this end has been most helpful, and I gratefully acknowledge their invaluable assistance.

In conclusion, I wish to express my thanks and appreciation for the ever-ready help and co-operation given by Mr. A. E. Barnes, your Chief Sanitary Inspector, and his staff in all matters affecting the health and well-being of our community.

I have the honour to be,

Gentlemen,

Your obedient Servant,

A. H. PENISTAN.

THORNTON CLEVELEYS URBAN DISTRICT COUNCIL.

Health Committee

as at 31st December, 1945.

Chairman : Councillor J. HERBERT CATTERALL, B.A.

Vice-Chairman : Councillor J. KEIRBY.

Councillor W. A. CHADDERTON.

Councillor J. T. GRUNDY, J.P.

Councillor A. GRIMSHAW.

Councillor J. HILTON.

Councillor A. S. KEIRBY.

Chairman of the Council :

Councillor J. T. GRUNDY, 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.

Public Vaccinator R. A. D. WYLIE, M.B., B.Ch.

District Medical Officer R. A. D. WYLIE, M.B., B.Ch.

Chief Sanitary Inspector and Cleansing Officer

ARTHUR EDWARD BARNES, M.R.S.I., M.S.I.A.

Certified Meat and Food Inspector (Appointed June, 1940).

Assistant Sanitary Inspector LEONARD W. ECKERSLEY.

(Resigned September, 1945).

Senior Clerk Miss S. A. SIMCOCK.

Clerk Miss T. P. HALSTEAD.

(Appointed November, 1945).

VITAL STATISTICS.

		Total.	M.	F.
Live Births : 1939.	Legitimate	137	69	68
	Illegitimate	6	4	2
		<hr/> 143	<hr/> 73	<hr/> 70
Live Births : 1940.	Legitimate	120	62	58
	Illegitimate	4	3	1
		<hr/> 124	<hr/> 65	<hr/> 59
Live Births : 1941.	Legitimate	160	74	86
	Illegitimate	12	4	8
		<hr/> 172	<hr/> 78	<hr/> 94
Live Births : 1942.	Legitimate	163	80	83
	Illegitimate	3	1	2
		<hr/> 166	<hr/> 81	<hr/> 85
Live Births : 1943.	Legitimate	177	96	81
	Illegitimate	8	5	3
		<hr/> 185	<hr/> 101	<hr/> 84
Live Births : 1944.	Legitimate	155	74	81
	Illegitimate	10	5	5
		<hr/> 165	<hr/> 79	<hr/> 86
Live Births : 1945.	Legitimate	180	93	87
	Illegitimate	11	7	4
		<hr/> 191	<hr/> 100	<hr/> 91

Birth-rates per 1,000 of the estimated resident population :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
11.0	8.1	10.5	10.2	11.9	10.8	12.8
<hr/>						
Stillbirths.				Total.	M.	F.
1939				8	4	4
1940				9	3	6
1941				11	5	6
1942				8	4	4
1943				8	4	4
1944				11	7	4
1945				8	2	6

Rate per 1,000 Total (Live and Still) Births :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
52 ...	67 ...	60 ...	45 ...	41 ...	62 ...	40

Deaths.	Total.	M.	F.
1939	201	99	102
1940	226	111	115
1941	214	129	85
1942	215	92	123
1943	210	98	112
1944	213	100	113
1945	240	114	126

Death-rates per 1,000 of the estimated Resident Population :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
14.7 ...	14.9 ...	13.1 ...	13.2 ...	13.6 ...	14.0 ...	16.1

Deaths from Puerperal Causes :

	1939.	1940.	1941.	1942.	1943.	1944.	1945.
Puerperal Sepsis	—	—	—	—	—	—	—
Other Puerperal Causes...	1	1	1	1	—	1	1
	—	—	—	—	—	—	—
Total	1	1	1	1	—	1	1
	—	—	—	—	—	—	—

Death-rates of Infants under one year of age.

All Infants per 1,000 Live Births :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
76 ...	38 ...	49 ...	60 ...	37 ...	72 ...	36

Legitimate Infants per 1,000 Legitimate Live Births :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
79 ...	32 ...	52 ...	61 ...	39 ...	70 ...	33

Illegitimate Infants per 1,000 Illegitimate Live Births :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
Nil ...	250 ...	Nil ...	Nil ...	Nil ...	100 ...	90

Deaths from Cancer (all ages) :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
30 ...	30 ...	27 ...	29 ...	21 ...	33 ...	34

Deaths from Measles (all ages) :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
Nil ...	Nil ...	1 ...	Nil ...	Nil ...	Nil ...	Nil

Deaths from Whooping Cough (all ages) :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
1 ...	Nil ...	Nil ...	Nil ...	1 ...	Nil ...	Nil

Deaths from Diarrhoea (under 2 years of age) :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
1 ...	1 ...	Nil ...	Nil ...	Nil ...	1 ...	Nil

Estimated Population Figures :

1939(Mid)	1940(Mid)	1941(Mid)	1942(Mid)	1943(Mid)	1944(Mid)	1945(Mid)
12,940	13,500	16,330	16,260	15,440	15,170	14,840

	Per 1000 of Estimated Population.				Maternal Mortality Rate.		
	Live Birth Rate	Crude Death Rate	Death rate from Tuberculosis Respiratory system	Death rate from Cancer	Per 1000 live Births	(live and still Births) Per 1000 Total	Rate of Deaths under 1 year per 1000 live Births
Mean of 5 years.							
1934-8	11.85	13.66	1.416	1.978	1.47	1.368	54.8
1938	10.2	14.4	1.76	1.94	Nil	Nil	45
1939	11.0	14.7	1.03	2.2	6.96	6.57	76
Increase or Decrease in 1944 on five years' average.							
1934-8	-0.85	+1.04	-0.386	+0.222	+5.49	+5.202	+21.2
Previous year	+0.8	+0.3	-0.73	+0.26	+6.96	+6.57	+31
Mean of 5 years							
1935-9	-3.48	+1.18	+1.122	-0.078	+6.358	+5.926	-26.2
1939	11.0	14.7	1.03	2.20	6.96	6.57	76
1940	8.1	14.9	2.51	1.98	7.75	7.24	38
Increase or Decrease in 1940 on five years' average.							
1935-9	11.58	13.72	1.388	2.058	1.392	1.314	64.2
Previous year	-2.9	+0.2	+1.48	-0.22	+0.79	+0.67	-38
Mean of 5 years.							
1936-40	10.8	14.45	1.656	2.196	2.942	2.762	61.8
1940	8.1	14.9	2.51	1.98	7.75	7.24	38
1941	10.5	13.1	1.35	1.65	5.49	5.18	49
Increase or Decrease in 1941 on five years' average.							
1936-40	-0.3	-1.35	-0.306	-0.546	+2.548	+2.418	-12.8
Previous year	+2.4	-1.8	-1.16	-0.33	-2.26	-2.06	+11
Mean of 5 years.							
1937-41	10.28	14.22	1.682	2.002	4.05	3.798	58
1941	10.5	13.1	1.35	1.65	5.49	5.18	49
1942	10.2	13.2	0.3	1.78	6.02	5.74	60
Increase or Decrease in 1942 on five years' average.							
1937-41	-0.08	-1.02	-1.382	-0.202	+1.97	+1.942	+2
Previous years	-0.3	+0.1	-1.05	+0.13	+0.53	+0.56	+11
Mean of 5 years.							
1938-42	10.0	14.06	1.39	1.91	5.264	4.946	53.6
1942	10.2	13.2	0.3	1.78	6.02	5.74	60
1943	11.9	13.6	0.25	1.36	Nil	Nil	37
Increase or Decrease in 1943 on five years' average.							
1938-42	+1.9	-0.46	-1.14	-0.55	-5.264	-4.946	-16.6
Previous year	+1.7	+0.4	-0.05	-0.42	-6.02	-5.74	-23
Mean of 5 years.							
1939-43	10.34	13.9	1.088	1.794	5.244	4.946	52
1943	11.9	11.9	0.25	1.36	Nil	Nil	37
1944	10.8	10.8	0.06	2.17	6.06	5.68	72
Increase or Decrease in 1939 on five years' average.							
1939-43	+0.46	-3.1	-1.028	+0.376	+0.816	+0.734	+20
Previous year	-1.1	-1.1	-0.19	+0.81	+6.06	+5.68	+35
Mean of 5 years.							
1940-44	10.3	13.76	0.894	1.788	5.064	4.768	51.2
1944	10.8	10.8	0.06	2.17	6.06	5.68	72
Increase or Decrease in 1945 on five years' average.							
1940-44	+2.5	+2.34	-0.634	+0.502	+0.166	+0.252	-15.2
Previous year	+2.0	+5.3	+0.20	+0.12	-0.83	-0.66	-36

STATISTICAL SUMMARY.

Area in Statute Acres 3,355

	1939.	1940.	1941.	1942.	1943.	1944.	1945.
Population (Estimated)..	12,940	13,500	16,330	16,260	15,440	15,170	14,840

Density of Population per acre	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	3.9	4.0	4.8	4.8	4.6	4.5	4.3

No. of Inhabited Houses (1931 Census) 2,625

Estimated number of inhabited houses as at December in each year	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	4,435	4,435	4,512	4,512	4,512	4,512	4,512

	1939. £	1940. £	1941. £	1942. £	1943. £	1944. £	1945. £
Rateable Value	115,560	115,909	121,319	121,322	124,939	126,709	127,365

Sum represented
by 1d. Rate ... £445 £456-11-4 £454 £484 500-12-6 £512-12-6 £512-16-2

	1939.	1940.	1941.	1942.	1943.	1944.	1945.
Birth Rates per 1,000 Population	11.0	8.1	10.5	10.2	11.9	10.8	12.8

Death Rate per 1,000 Population (adjusted)...	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	13.9	11.1	13.1	13.2	13.6	14.0	16.1

Infantile Death Rates per 1,000 Births regis- tered	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	76	38	49	60	37	72	36

Phthisis Death Rate per 1,000 Population	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	0.29	0.53	0.18	0.30	0.25	0.06	0.26

Cancer Death Rate	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	2.20	1.98	1.65	1.78	1.36	2.17	2.29

Influenza Death Rate .	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	0.07	0.46	0.31	0.0	0.64	0.46	0.08

Pneumonia (all forms) Death Rate	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	0.37	0.53	0.37	0.43	0.25	0.39	0.4

Respiratory Diseases	1939.	1940.	1941.	1942.	1943.	1944.	1945.
	1.03	2.51	1.35	1.3	0.13	0.13	0.0

ADOPTED ACTS IN FORCE IN THE DISTRICT.

The Public Health Acts Amendment Act, 1890.

The Public Health Acts Amendment Act, 1907 (Adopted 1910)
for Parts V. and X., and certain Sections comprised in Parts II.,
III., IV., and VII.

Public Health Act, 1925.

Adopted by Resolution of Council :

Part 2 (except Secs. 21 and 22), Part 3 (except Sec. 44) and Part 4.

Adopted with consent of Ministry of Health :

Sec. 22 of Part 2, Sec. 44 of Part 3, and Part 5.

Thornton Cleveleys Improvement Act, 31st July, 1936.

Thornton Urban District Council Act, 31st July, 1923.

BYELAWS.

(i) Offensive Trades	1904 (Revised 1925)
(ii) Tents, Vans, and Sheds	1908
(iii) Houses let in Lodgings	1904 (Revised 1925)
(iv) Nuisances	1904
(v) Slaughter Houses	1904
(vi) Dairies, Cowsheds and Milkshops ...	1904
(vii) Common Lodging-houses	1904
(viii) Hackney Carriages	1908
(ix) Public Bathing	1904
(x) New Streets and Buildings	1904 (Revised 1926)
(xi) Pleasure Grounds	1938

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 on the 1st April, 1934, added to the Urban District. 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 Urban District of Poulton-le-Fylde and County Borough of Blackpool, and is flat in character, the only rising ground being in the North Ward (Bourne Hill), and the East Ward adjoining the river.

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

The water courses of the district flow eastward into the 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 4ft. to 8ft. On the top of this is a thin layer—about 4in.—of peaty matter. Peaty matter of considerable thickness was found in one portion of the North Ward, Butts Road, and also in Fleetwood Road in South Ward. On the top of this again is a layer, varying from 2½ft. to 4ft. in thickness, of sandy soil, or a mixture of soil and clay. The surface covering is about 6in. 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.

The nature of the above strata indicates that at some period the River Wyre overflowed a large portion of the district, leaving the alluvial deposit.

Climate.

The prevailing wind is a westerly sea breeze. An abundance of summer sunshine, together with usually mild winters, produces a temperate and very bracing climate.

Area and Density 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 is now given as 3,355 acres.

The average number of persons per acre :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
3.9	4.0	4.8	4.8	4.6	4.5	4.3

The District is divided into Wards, viz.:—

West Ward.—This Ward was, on the alteration of boundaries, reduced in size ; the 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 sea-side resort, which enjoys an increasing popularity with visitors from inland towns. It is flat in character, with a slight slope eastwards.

South Ward.—Its Western boundary adjoins the boundary of West Ward, and its Eastern boundary is a building plot depth west of Fleetwood Road, which it follows throughout the district. It is again flat in character, and is residential (a portion of the district of Cleveleys being within its boundaries). This Ward now includes a portion of the added area.

North Ward.—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, on the East by the River Wyre. On the South it cuts the remaining portion of the district roughly in half and forms the Northern boundary of East Ward. This boundary cuts across from Fleetwood Road, through Bancroft Avenue and north of Hillylaid Road to the river.

East Ward.—This Ward is the agricultural area of the district. It also includes part of the added area. Its boundaries adjoin the South and North Wards, the River Wyre, and on the South, the Urban District of Poulton-le-Fylde.

Social Conditions, Industries, etc.

The western portion of the district has, in the last few years, 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 a large Chemical Works on the northern boundary of the district. There is still a large portion of the district devoted to agriculture.

During the period under review, there has been little or no unemployment in the district.

RATEABLE VALUE.

	For Poor Rate. Buildings.			Land.			For General District Rate.		
	£	s.	d.	£	s.	d.	£	s.	d.
1901	18,308	0	0	3,927	0	0	17,779	0	0
	1d. Rate.			84	9	0	74	1	7
1911	29,288	0	0	4,146	15	0	26,897	0	0
	1d. Rate.			140	13	5	112	1	5
1921	41,251	5	0	4,559	15	0	38,777	0	0
	1d. Rate.			171	15	1	158	6	9

	General Rate.			Product of 1d. Rate.		
	£	s.	d.	£	s.	d.
1931	79,073	0	0	306	0	5
1939	115,560	0	0	445	0	0
1940	115,909	0	0	456	11	4
1941	121,319	0	0	454	0	0
1942	121,322	0	0	484	0	0
1943	124,939	0	0	500	11	7
1944	126,709	0	0	512	12	6
1945	127,365	0	0	512	16	2

PART 1.—VITAL STATISTICS.

Population.—The population at Census 1921 was 5,340. For 1931 Census the figure was 9,935 (corrected).

Registrar-General's Estimate.

1939.	1940.	1941.	1942.	1943.	1944.	1945.
12,940	13,500	16,330	16,260	15,440	15,170	14,840

Inhabited Houses.

1939.	1940.	1941.	1942.	1943.	1944.	1945.
4,435	4,435	4,512	4,512	4,512	4,512	4,512

The average number of persons per house was :

1939.	1940.	1941.	1942.	1943.	1944.	1945.
2.9	3.0	3.6	3.6	3.4	3.3	3.2

BIRTHS.

1939.

During the year 143 Births were recorded by the Registrar-General, comprising 73 males and 70 females. The following Table shows the number of births allocated to the various Wards (after excluding transferable births).

Ward.	Males.			Females.			Total.
	Leg.	Illeg.		Leg.	Illeg.		
West	15	...	2	17	...	0	34
South	14	...	0	14	...	0	28
North	28	...	1	22	...	1	52
East	12	...	1	15	...	1	29
Total	69	...	4	68	...	2	143

Birth Rate for District : 11.0 per 1,000, as against 10.2 for 1938.
Birth Rate for England and Wales : Live Births, 15.0 ; Still Births, 0.59.

1940.

During the year 124 Births were recorded by the Registrar-General, comprising 65 males and 59 females. The following Table shows the number of births allocated to the various Wards (after excluding transferable births).

Ward.	Males.			Females.			Total.
	Leg.	Illeg.		Leg.	Illeg.		
West	9	...	1	9	...	0	19
South	21	...	1	14	...	0	36
North	15	...	0	18	...	0	33
East	17	...	1	17	...	1	36
Total	62	...	3	58	...	1	124

Birth Rate for District : 8.1 per 1,000, as against 11.0 for 1939.
Birth Rate for England and Wales : Live Births, 14.6 ; Still Births, 0.55.

1941.

During the year 172 Births were recorded by the Registrar-General, comprising 78 males and 94 females. The following Table shows the number of births allocated to the various Wards (after excluding transferable births).

Ward.	Males.			Females.			Total.
	Leg.	Illeg.		Leg.	Illeg.		
West	14	...	1	17	...	4	36
South	17	...	2	23	...	2	44
North	24	...	1	22	...	1	48
East	19	...	0	24	...	1	44
Total	74	...	4	86	...	8	172

Birth Rate for District : 10.5 per 1,000, as against 8.1 for 1940.
Birth Rate for England and Wales : Live Births, 14.2 ; Still Births, 0.51.

BIRTHS (continued)

1942.

During the year 166 Births were recorded by the Registrar-General, comprising 81 males and 85 females. The following Table shows the number of births allocated to the various Wards (after excluding transferable births).

Ward.	Males.				Females.			Total.
	Leg.	Illeg.			Leg.	Illeg.		
West	31	...	0	...	35	...	0	66
South	23	...	0	...	21	...	0	44
North	12	...	0	...	15	...	0	27
East	15	...	0	...	13	...	1	29
Total	81	...	0	...	84	...	1	166

Birth Rate for District : 10.2 per 1,000, as against 10.5 for 1941.
Birth Rate for England and Wales : Live Births : 15.8. Still Births, 0.54.

1943.

During the year 185 Births were recorded by the Registrar-General, comprising 101 males and 84 females. The following Table shows the number of Births allocated to the various Wards (after excluding transferable Births).

Ward.	Males.				Females.			Total.
	Leg.	Illeg.			Leg.	Illeg.		
West	13	...	2	...	25	...	2	42
South	26	...	0	...	22	...	1	49
North	29	...	2	...	12	...	0	43
East	28	...	1	...	21	...	1	51
Total	96	...	5	...	80	...	4	185

Birth Rate for District : 11.9 per 1,000, as against 10.2 for 1942.
Birth Rate for England and Wales : Live Births, 16.5; Still Births, 0.51.

1944.

During the year 165 births were recorded by the Registrar-General, comprising 86 males and 79 females. The following Table shows the number of Births allocated to the various Wards (after excluding transferable Births).

Ward.	Males.				Females.			Total.
	Leg.	Illeg.			Leg.	Illeg.		
West	18	...	0	...	20	...	0	38
South	23	...	1	...	22	...	0	46
North	17	...	2	...	26	...	0	45
East	25	...	0	...	10	...	1	36
Total	83	...	3	...	78	...	1	165

Birth Rate for District : 10.8 per 1,000, as against 11.9 for 1943.
Birth Rate for England and Wales : Live Births, 17.6; Still Births, 0.50.

BIRTHS (continued)

1945.

During the year 191 Births were recorded by the Registrar-General, comprising 100 males and 91 females. The following Table shows the number of Births allocated to the various Wards (after excluding transferable Births).

Ward.	Males.			Females.			Total.
	Leg.	Illeg.		Leg.	Illeg.		
West	33	...	1	47	...	1	82
South	32	...	3	13	...	2	50
North	16	...	2	12	...	1	31
East	12	...	1	15	...	0	28
Total	93	...	7	87	...	4	191

Birth Rate for District : 12.8 per 1,000, as against 10.8 for 1944.
Birth Rate for England and Wales : Live Births, 16.1 ; Still Births, 0.46.

DEATHS.

1939.

Based on a population of 13,610, the Registrar-General gives the Death Rate as 13.9, as against 13.6 per 1,000 for 1938. The Death Rate for England and Wales (1939) is 12.1 per 1,000.

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

Ward.	Males.		Females.		Total.
West	39	...	29	...	68
South	21	...	38	...	59
North	15	...	10	...	25
East	24	...	25	...	49
Total	99	...	102	...	201

1940.

Based on a population of 15,150, the Registrar-General gives the Death Rate as 11.1, as against 13.9 per 1,000 for 1939. The Death Rate for England and Wales (1940) is 14.3 per 1,000.

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

Ward.	Males.		Females.		Total.
West	31	...	26	...	57
South	33	...	32	...	65
North	20	...	24	...	44
East	27	...	33	...	60
Total	111	...	115	...	226

DEATHS (continued)

1941.

Based on a population of 16,330, the Registrar-General gives the Death Rate as 13.1, as against 14.9 per 1,000 for 1940. The Death Rate for England and Wales (1941) is 12.9 per 1,000.

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

Ward.	Males.		Females.		Total.
West	37	...	25	...	62
South	33	...	31	...	64
North	22	...	8	...	30
East	37	...	21	...	58
Total	129	...	85	...	214

1942.

Based on a population of 16,260, the Registrar-General gives the Death Rate as 13.2, as against 13.1 per 1,000 for 1941. The Death Rate for England and Wales (1942) is 11.6 per 1,000.

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

Ward.	Males.		Females.		Total.
West	28	...	37	...	65
South	26	...	38	...	64
North	16	...	26	...	42
East	22	...	22	...	44
Total	92	...	123	...	215

1943.

Based on a population of 15,440, the Registrar-General gives the Death Rate as 13.6, as against 13.2 per 1,000 for 1942. The Death Rate for England and Wales (1943) is 12.1 per 1,000.

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

Ward.	Males.		Females.		Total.
West	34	...	31	...	65
South	23	...	34	...	57
North	18	...	23	...	41
East	23	...	24	...	47
Total	98	...	112	...	210

DEATHS (continued)

1944.

Based on a population of 15,170, the Registrar-General gives the Death Rate as 14.0, as against 13.6 per 1,000 for 1943. The Death Rate for England and Wales (1944) is 11.6.

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

Ward.	Males.		Females.		Total.
West	26	...	32	...	58
South	29	...	32	...	61
North	23	...	21	...	44
East	22	...	28	...	50
Total	100	...	113	...	213

1945.

Based on a population of 14,840, the Registrar-General gives the Death Rate as 16.1, as against 14.0 per 1,000 for 1944. The Death Rate for England and Wales (1945) is 11.4.

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

Ward.	Males.		Females.		Total.
West	30	...	41	...	71
South	36	...	37	...	73
North	23	...	30	...	43
East	25	...	18	...	53
Total	114	...	126	...	240

INFANTILE MORTALITY.

Deaths of Infants under 1 year.

Year	Total	Male	Female	Infantile Mortality Rate	Infantile Mortality Rate for England & Wales	Still Births	Rate
1939	11	7	4	76	50	8	52
1940	5	2	3	38	55	9	67
1941	9	7	2	49	59	11	60
1942	10	6	4	60	49	8	48
1943	6	4	2	37	49	8	43
1944	12	7	5	72	46	11	66
1945	6	3	3	36	46	8	41

TUBERCULOSIS.

Pulmonary.

Year	Cases Notified						Deaths	Male		Female				
	Total		Male		Female			Male		Female				
1939	7	...	2	...	5	...	4	...	3	...	1		
1940	10	...	4	...	6	...	7	...	2	...	5		
1941	10	...	4	...	6	...	3	...	2	...	1		
1942	9	...	7	...	2	...	5	...	3	...	2		
1943	7	...	3	...	4	...	3	...	1	...	2		
1944	14	...	9	...	5	...	1	...	1	...	—		
1945	15	...	9	...	6	...	3	...	3	...	—		
Death Rate		1939		1940		1941		1942		1943		1944		1945
per 1,000	...	0.29		0.46		0.18		0.3		0.19		0.06		0.20

Non-Pulmonary.

Year	Cases Notified			Deaths	Deaths		
	Total	Male	Female		Male	Female	
1939	11	4	7	1	—	1	
1940	10	3	7	1	1	—	
1941	7	3	4	1	—	1	
1942	8	2	6	3	—	3	
1943	12	5	7	1	1	—	
1944	4	2	2	—	—	—	
1945	9	3	6	2	1	1	
Death Rate	1939	1940	1941	1942	1943	1944	1945
per 1,000	0.07	0.07	0.06	0.18	0.06	0.0	0.13

Totals on Register :

1939		1940		1941	
Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary
29	31	29	38	25	34
1942		1943		1944	
Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary
27	39	25	47	35	43
1945		1945			
Pulmonary		Non-Pulmonary			
45		34			

Cases are examined by the County Tuberculosis Officer, either at their homes or at the County Centre at Fleetwood.

RESPIRATORY DEATH RATE.

Deaths from Pneumonia	Total	Male	Female
1939	5 ...	3 ...	2
1940	8 ...	5 ...	3
1941	6 ...	5 ...	1
1942	7 ...	3 ...	4
1943	6 ...	4 ...	2
1944	4 ...	2 ...	2
1945	6 ...	3 ...	3

Deaths from Bronchitis	Total	Male	Female
1939	7 ...	3 ...	4
1940	28 ...	15 ...	13
1941	14 ...	10 ...	4
1942	13 ...	8 ...	5
1943	15 ...	9 ...	6
1944	14 ...	8 ...	6
1945	21 ...	10 ...	11

Other Respiratory Diseases	Total	Male	Female
1939	1 ...	— ...	1
1940	2 ...	1 ...	1
1941	2 ...	2 ...	—
1942	1 ...	0 ...	1
1943	2 ...	2 ...	—
1944	2 ...	— ...	2
1945	— ...	— ...	—

Respiratory Death Rate per 1,000 of the population :—

1939.	1940.	1941.	1942.	1943.	1944.	1945.
1.03	2.51	1.35	1.29	1.49	1.31	1.81

CANCER DEATH RATE.

Year.	Total	Male	Female
1939	30 ...	10 ...	20
1940	30 ...	15 ...	15
1941	27 ...	17 ...	10
1942	29 ...	5 ...	24
1943	21 ...	13 ...	8
1944	33 ...	14 ...	19
1945	34 ...	16 ...	18

Death Rate per 1,000 of population :—

1939.	1940.	1941.	1942.	1943.	1944.	1945.
2.20	1.98	1.65	1.70	1.36	2.10	2.29

INQUESTS AND INQUIRIES.

1939.

In the year there were 18 Inquests and/or Inquiries on residents belonging to the district as follows :—

WEST WARD.

- (1) Female, 27 years. Post-abortive Sepsis.
- (2) Male, 40 years. Fracture of Skull—Accidental.
- (3) Male, 78 years. Cardiac failure.
- (4) Female, 37 years. Coal gas poisoning.
- (5) Male, 68 years. Pneumonia.
- (6) Male, 65 years. Strangulated Hernia.

SOUTH WARD.

- (7) Male, 42 years. Uraemia.
- (8) Female, 67 years. Haemorrhage.
- (9) Female, 67 years. Myocardial failure—fatty degeneration of the heart.

NORTH WARD.

- (10) Female, 26 years. Misadventure—obstetric shock.
- (11) Female, 1 year. Pneumonia.
- (12) Male, 69 years. Septicaemia.

EAST WARD.

- (13) Male, 63 years. Misadventure—multiple injuries.
- (14) Male, 2 years. Convulsions.
- (15) Male, 65 years. Misadventure—shock from multiple injuries.
- (16) Male, 60 years. Coronary Arterio Sclerosis.
- (17) Male, 48 years. Coal gas poisoning.
- (18) Male, 62 years. Multiple injuries—Accidental.

1940.

In the year there were 17 Inquests and/or Inquiries on residents belonging to the district as follows :—

WEST WARD.

- (1) Male, 62 years. Misadventure—multiple injuries.
- (2) Male, 64 years. Bronchiectasis.
- (3) Male, 69 years. Uraemia.
- (4) Female, 40 years. Uraemia.
- (5) Male, 32 years. Peritonitis.

SOUTH WARD.

- (6) Male, 54 years. Silicosis.
- (7) Male, 67 years. Fatty degeneration of the heart.
- (8) Male, 68 years. Misadventure—Fractured skull.
- (9) Male, 88 years. Misadventure—Hypostatic Pneumonia.
- (10) Female, 57 years. Misadventure—Intracranial Haemorrhage.
- (11) Male, 54 years. Misadventure—Fractured Skull.
- (12) Male, 55 years. Suicide—Fractured Skull.

INQUESTS & INQUIRIES (continued)

1940.

NORTH WARD.

- (13) Female, 74 years. Myocardial Degeneration.
- (14) Male, 29 years. Misadventure—Asphyxiated.
- (15) Male, 57 years. Misadventure—Fractured Skull.

EAST WARD.

- (16) Female, 43 years. Intestinal obstruction.
- (17) Female, 30 years. Uraemia.

1941.

In the year there were 7 Inquests and/or Inquiries on residents belonging to the District as follows :—

WEST WARD.

- (1) Male, 43 years. Myocarditis.
- (2) Female, 42 years. Suicide—Strangulation.
- (3) Female, 77 years. Shock following fracture.

SOUTH WARD.

- (4) Female, 69 years. Cardiac failure after fracture.

NORTH WARD.

- (5) Female, 9 months. Pneumococcal meningitis.

EAST WARD.

- (6) Male, 10 years. Fractured skull.
- (7) Male, 29 years. Multiple fractures—Motor Accident.

1942.

In the year there were 3 Inquests and/or Inquiries on residents belonging to the District as follows :—

WEST WARD.

- (1) Male, 47 years. Coronary Thrombosis.
- (2) Male, 56 years. Fracture of base of skull (Misadventure).

EAST WARD.

- (3) Male, 66 years. Coal gas poisoning—Suicide.

1943.

In the year there were 5 Inquests and/or Inquiries on residents belong to the District as follows :—

SOUTH WARD.

- (1) Male, 57 years. Electrocuted.
- (2) Female, 60 years. Exposure.

NORTH WARD.

- (3) Male, 46 years. Occlusion of Coronary Arteries.

EAST WARD.

- (4) Female. 3 years. Drowned in washtub at home.
- (5) Male, 58 years. Gas poisoning—Suicide.

INQUESTS & INQUIRIES (continued)

1944.

In the year there were 9 Inquests and/or Inquiries on residents belonging to the District as follows :—

WEST WARD.

- (1) Male, 36 years. Drowned.
- (2) Female, 2 months. Broncho Pneumonia.
- (3) Male, 53 years. Coronary Thrombosis.
- (4) Female, 71 years. Myocardial Degeneration.

SOUTH WARD.

- (5) Female, 80 years. Senile—Arterio Sclerosis.
- (6) Male, 25 years. Suicide—Hanging.

NORTH WARD.

- (7) Male, 2 months. Asphyxia.

EAST WARD.

- (8) Male, 65 years. Suicide.
- (9) Female, 35 years. Subarachnoid Haemorrhage.

1945.

In the year there were 7 Inquests and/or Inquiries on residents belonging to the district as follows :—

WEST WARD.

- (1) Male, 66 years. Misadventure—fracture of skull.
- (2) Male, 46 years. Coronary Arterio.
- (3) Male, 45 years. Coronary Sclerosis.

SOUTH WARD.

- (4) Male, 61 years. Coronary Thrombosis.
- (5) Female, 58 years. Drowned.

EAST WARD.

- (6) Female, 72 years. Myocardial Degeneration.
- (7) Female, 50 years. Found Drowned.

1939.

AGES AT DEATH.

	Males.		Females.		Total.
Under 1 week	4	...	2	...	6
1 week to 6 months	2	...	1	...	3
6 months to 12 months	1	...	1	...	2
	—		—		—
Total under 1 year	7	...	4	...	11
1 to 5 years	2	...	3	...	5
	—		—		—
Total under 5 years	9	...	7	...	16
5 to 15 years	0	...	0	...	0
15 to 25 years	0	...	0	...	0
25 to 45 years	7	...	10	...	17
45 to 65 years	28	...	23	...	51
65 years and over	55	...	62	...	117
	—		—		—
Total	99	...	102	...	201
	—		—		—

CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	99	... 102	... 201
Influenza	1	... 0	... 1
Tuberculosis of Respiratory System ...	3	... 1	... 4
Other forms of Tuberculosis	0	... 1	... 1
Cancer	10	... 20	... 30
Diabetes	3	... 1	... 4
Cerebral Haemorrhage, etc.	6	... 9	... 15
Heart Disease	38	... 32	... 70
Aneurysm	1	... 1	... 2
Other Circulatory Diseases	6	... 4	... 10
Bronchitis	3	... 4	... 7
Pneumonia (all forms)	3	... 2	... 5
Other Respiratory Diseases	0	... 1	... 1
Other Liver Diseases	0	... 3	... 3
Other Digestive Diseases	1	... 0	... 1
Acute and Chronic Nephritis	0	... 6	... 6
Congenital Debility, Premature Birth ...	5	... 3	... 8
Senility	2	... 2	... 4
Suicide	1	... 1	... 2
Other forms of Violence	3	... 0	... 3
Puerperal Disease	0	... 1	... 1
Diarrhoea (under 2 years)	0	... 1	... 1
Diarrhoea (2 years and over)	1	... 1	... 2
Whooping Cough	1	... 0	... 1
Other defined Diseases	11	... 8	... 19
	<hr/> 99	<hr/> ... 102	<hr/> ... 201

Death Rate per 1,000 of the Population for :—

(1) Influenza	0.07
(2) Respiratory Diseases	1.03
(3) Pneumonia	0.37
(4) Tuberculosis (Pulmonary)	0.29
(5) Tuberculosis (Non-Pulmonary)	0.07
(6) Cancer	2.20

AGES AT DEATH.

1940.

	Males.	Females.	Total.
Under 1 week	0	2	2
1 week to 6 months	2	1	3
6 months to 12 months	0	0	0
<hr/>			
Total under 1 year	2	3	5
1 to 5 years	1	1	2
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Total under 5 years	3	4	7
5 to 15 years	2	3	5
15 to 25 years	1	4	5
25 to 45 years	10	7	17
45 to 65 years	31	27	58
65 years and over	64	70	134
<hr/>			
Total	111	115	226
<hr/>			

CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	111	115	226
<hr/>			
Diphtheria	1	1	2
Tuberculosis of Respiratory System ...	2	5	7
Other forms of Tuberculosis	1	0	1
Syphilitic Diseases	2	0	2
Influenza	3	4	7
Cancer	15	15	30
Diabetes	0	3	3
Intra-cranial Vascular Lesions	7	9	16
Heart Disease	36	34	70
Other Circulatory Diseases	5	5	10
Bronchitis	15	13	28
Pneumonia	5	3	8
Other Respiratory Diseases	1	1	2
Ulcer of Stomach Duodenum	2	0	2
Appendicitis	1	1	2
Diarrhoea, under 2 years	0	1	1
Other Digestive Diseases	2	3	5
Nephritis	2	2	4
Maternal Causes	0	1	1
Congenital Debility, etc.	0	2	2
Suicide	1	0	1
Road Traffic Accidents	2	0	2
Other Violent Causes	4	2	6
All Other Causes	4	10	14
<hr/>			
	111	115	226
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Death Rate per 1,000 of the Population for :—

(1) Influenza	0.46
(2) Respiratory Diseases	2.51
(3) Pneumonia	0.53
(4) Tuberculosis (Pulmonary)	0.46
(5) Tuberculosis (Non-Pulmonary)	0.07
(6) Cancer	1.98

AGES AT DEATH.

1941.

	Males.		Females.		Total.
Under 1 week	3	...	1	...	4
1 week to 6 months	4	...	0	...	4
6 months to 12 months	0	...	1	...	1
	—		—		—
Total under 1 year	7	...	2	...	9
1 to 5 years	3	...	0	...	3
	—		—		—
Total under 5 years	10	...	2	...	12
5 to 15 years	2	...	0	...	2
15 to 25 years	3	...	6	...	9
25 to 45 years	7	...	7	...	14
45 to 65 years	19	...	27	...	46
65 years and over	88	...	43	...	131
	—		—		—
Total	129	...	85	...	214
	—		—		—

CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	129	85	214
Influenza	2	3	5
Tuberculosis of Respiratory System ...	2	1	3
Other forms of Tuberculosis	0	1	1
Cancer	17	10	27
Diabetes	1	0	1
Cerebro-Spinal Fever	0	3	3
Diphtheria	2	0	2
Measles	1	0	1
Acute Encephalitis (infectious)	0	2	2
Intra-cranial Vascular Lesions	7	9	16
Heart Disease	47	32	79
Other Diseases of Circulatory System ...	4	2	6
Bronchitis	10	4	14
Pneumonia	5	1	6
Other Respiratory Diseases	2	0	2
Ulcer of Stomach or Duodenum	1	0	1
Appendicitis	1	0	1
Other Digestive Diseases	7	2	9
Nephritis	2	4	6
Maternal Causes	0	1	1
Premature Birth	4	1	5
Infantile Diseases	2	0	2
Suicide	0	1	1
Road Traffic Accident	1	0	1
Other Violent Causes	0	3	3
All Other Causes	11	5	16
	<u>129</u>	<u>85</u>	<u>214</u>

Death Rate per 1,000 of the Population for :—

(1) Influenza	0.31
(2) Respiratory Diseases	1.35
(3) Pneumonia	0.37
(4) Tuberculosis (Pulmonary)	0.18
(5) Tuberculosis (Non-Pulmonary)	0.07
(6) Cancer	1.65

AGES AT DEATH.

1942.

	Males.	Females.	Total.
Under 1 week	2	3	5
1 week to 6 months	3	1	4
6 months to 12 months	1	0	1
<hr/>	<hr/>	<hr/>	<hr/>
Total under 1 year	6	4	10
1 to 5 years	0	2	2
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Total under 5 years	6	6	12
5 to 15 years	3	0	3
15 to 25 years	0	2	2
25 to 45 years	5	8	13
45 to 65 years	29	31	60
65 years and over	49	76	125
<hr/>	<hr/>	<hr/>	<hr/>
Total	92	123	215
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CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	92	123	215
<hr/>	<hr/>	<hr/>	<hr/>
Influenza	0	0	0
Tuberculosis of Respiratory System ...	3	2	5
Other forms of Tuberculosis *	0	1	1
Cancer	5	24	29
Diabetes	1	4	5
Cerebral Haemorrhage, etc.	0	0	0
Heart Disease	52	50	102
Other Diseases of Circulatory System ...	0	3	3
Bronchitis	8	5	13
Pneumonia (all forms)	3	4	7
Other Respiratory Diseases	0	1	1
Ulcers, etc.	2	1	3
Appendicitis	2	0	2
Digestive Diseases	0	4	4
Nephritis	2	4	6
Maternal Causes	0	1	1
Congenital Debility, Prem. Birth, etc. ...	4	3	7
Diphtheria	2	1	3
Suicide	1	0	1
Other Violent Causes	0	5	5
All Other Causes	7	10	17
<hr/>	<hr/>	<hr/>	<hr/>
	92	123	215
<hr/>	<hr/>	<hr/>	<hr/>

Death Rate per 1,000 of the Population for :—

(1) Influenza	0.0
(2) Respiratory Diseases	1.3
(3) Pneumonia	0.43
(4) Tuberculosis (Pulmonary)	0.3
(5) Tuberculosis (Non-Pulmonary)	0.18
(6) Cancer	1.78

AGES AT DEATH.

1943.

	Males.		Females.		Total.
Under 1 week	3	...	2	...	5
1 week to 6 months	1	...	0	...	1
6 months to 12 months	0	...	0	...	0
	—		—		—
Total under 1 year	4	...	2	...	6
1 to 5 years	0	...	2	...	2
	—		—		—
Total under 5 years	4	...	4	...	8
5 to 15 years	1	...	0	...	1
15 to 25 years	1	...	5	...	6
25 to 45 years	3	...	6	...	9
45 to 65 years	30	...	16	...	46
65 years and over	59	...	81	...	140
	—		—		—
Total	98	...	112	...	210
	—		—		—

CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	98	... 112	... 210
Influenza	3	... 4	... 7
Tuberculosis of Respiratory System ...	1	... 3	... 4
Other forms of Tuberculosis	1	... 0	... 1
Cancer	13	... 8	... 21
Diabetes	0	... 2	... 2
Cerebral Haemorrhage, etc.	9	... 13	... 22
Heart Disease	36	... 44	... 80
Other Circulatory Diseases	3	... 2	... 5
Bronchitis	9	... 6	... 15
Pneumonia (all forms)	4	... 2	... 6
Other Respiratory Diseases	2	... 0	... 2
Ulcers, etc.	2	... 0	... 2
Appendicitis	0	... 1	... 1
Whooping Cough	1	... 0	... 1
Diphtheria	0	... 1	... 1
Syphilitic Diseases	0	... 1	... 1
Digestive Diseases	4	... 3	... 7
Nephritis	2	... 3	... 5
Premature Birth	1	... 0	... 1
Con. Mal., Birth Injuries, etc.	1	... 1	... 2
Suicide	1	... 0	... 1
Road Traffic Accidents	1	... 1	... 2
Other Violent Causes	1	... 3	... 4
All Other Causes	3	... 14	... 17
	<hr/> 98	<hr/> ... 112	<hr/> ... 210

Death Rate per 1,000 of the Population for :—

(1) Influenza	0.64
(2) Respiratory Diseases	0.13
(3) Pneumonia	0.25
(4) Tuberculosis (Pulmonary)	0.19
(5) Tuberculosis (Non-Pulmonary)	0.06
(6) Cancer	1.36

AGES AT DEATH.

1944.

	Males.	Females.	Total.
Under 1 week	4	3	7
1 week to 6 months	3	2	5
6 months to 12 months	0	0	0
<hr/>	<hr/>	<hr/>	<hr/>
Total under 1 year	7	5	12
1 to 5 years	2	0	2
<hr/>	<hr/>	<hr/>	<hr/>
Total under 5 years	9	5	14
5 to 15 years	2	0	2
15 to 25 years	5	3	8
25 to 45 years	6	9	15
45 to 65 years	24	20	44
65 years and over	54	76	130
<hr/>	<hr/>	<hr/>	<hr/>
Total	100	113	213

CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	100	113	213
<hr/>	<hr/>	<hr/>	<hr/>
Influenza	1	0	1
Tuberculosis of Respiratory System ...	1	0	1
Other forms of Tuberculosis	0	0	0
Cancer	14	19	33
Diabetes	2	2	4
Cerebral Haemorrhage, etc.	12	12	24
Heart Disease	38	41	79
Other Circulatory Diseases	2	4	6
Bronchitis	8	6	14
Pneumonia (all forms)	2	2	4
Other Respiratory Diseases	0	2	2
Ulcers, etc.	2	1	3
Appendicitis	1	1	2
Other Digestive Diseases	3	4	7
Nephritis	0	6	6
Congenital Debility, Prem. Birth, etc. ...	5	5	10
Diarrhoea, under 2 years	1	0	1
Maternal Causes	0	1	1
Suicide	1	0	1
Road Traffic Accidents	1	1	2
Other Violent Causes	1	2	3
All Other Causes	5	4	9
<hr/>	<hr/>	<hr/>	<hr/>
	100	113	213

Death Rate per 1,000 of the Population for :—

(1) Influenza	0.46
(2) Respiratory Diseases	0.13
(3) Pneumonia	0.39
(4) Tuberculosis (Pulmonary)	0.06
(5) Tuberculosis (Non-Pulmonary)	0.0
(6) Cancer	2.17

AGES AT DEATH.

1945.

	Males.		Females.		Total.
Under 1 week	1	...	1	...	2
1 week to 6 months	2	...	1	...	3
6 months to 12 months	0	...	1	...	1
	—		—		—
Total under 1 year	3	...	3	...	6
1 to 5 years	3	...	0	...	3
	—		—		—
Total under 5 years	6	...	3	...	9
5 to 15 years	2	...	2	...	4
15 to 25 years	5	...	4	...	9
25 to 45 years	3	...	3	...	6
45 to 65 years	25	...	29	...	54
65 years and over	73	...	85	...	158
	—		—		—
Total	114	...	126	...	240
	—		—		—

CAUSES OF DEATH.

	Males.	Females.	Total.
All Causes	114	126	240
Influenza	0	1	1
Tuberculosis of Respiratory System ...	4	0	4
Other forms of Tuberculosis	1	2	3
Cancer	16	18	34
Diabetes	1	0	1
Cerebral Haemorrhage, etc.	12	25	37
Heart Disease	54	47	101
Other Circulatory Diseases	2	0	2
Bronchitis	10	11	21
Pneumonia (all forms)	3	3	6
Other Respiratory Diseases	0	0	0
Ulcers, etc.	2	2	4
Appendicitis	0	0	0
Other Digestive Diseases	2	1	3
Nephritis	1	4	5
Congenital Debility, Prem. Birth, etc. ...	3	1	4
Other Maternal Causes	0	1	1
Road Traffic Accident	0	1	1
Other Violent Causes	0	2	2
All Other Causes	3	7	10
	114	126	240

Death Rate per 1,000 of the Population for :—

(1) Influenza	0.07
(2) Respiratory Diseases	0.7
(3) Pneumonia	0.2
(4) Tuberculosis (Pulmonary)	0.26
(5) Tuberculosis (Non-Pulmonary)	0.2
(6) Cancer	2.29

The following Table shows the Birth, Death and Infantile Mortality Rates since this District was created an Urban District Authority in 1900:

	Birth Rate.	General Death Rate.	Infantile Mortality.
1900 (9 months only)	31.6	18.8	217
1901	34.1	11.05	92
1902	37.7	12.8	106
1903	33.5	14.7	135
1904	31.2	14.2	103
1905	22.3	13.6	68
1906	29.5	10.6	68
1907	27.1	9.2	69
1908	25.6	13.1	88
1909	22.6	12.8	57
1910	28.2	10.5	80

The Rates given below are corrected in accordance with the new regulations of the Registrar-General, i.e., taking into consideration Transferable Deaths:—

	Birth Rate.	General Death Rate.	Infantile Mortality.
1911	24.1	13.7	99
1912	21.5	13.3	90
1913	23.2	7.9	65
1914	23.06	11.07	64
1915	17.72	11.52	72
1916	19.02	13.04	120
1917	17.57	12.36	105
1918	14.44	17.89	78
1919	16.5	12.3	79
1920	19.9	14.6	84
1921	20.4	10.8	55
1922	14.5	9.7	25
1923	19.8	13.2	64
1924	17.2	11.5	49
1925	15.7	15.2	81
1926	17.5	12.0	46
1927	12.0	12.4	51
1928	15.0	10.5	58
1929	17.6	15.3	47
1930	15.8	11.9	39
1931	13.2	12.3	67
1932	9.6	13.1	51
1933	11.0	12.8	52
1934	12.3	13.6	29
1935	12.0	10.7	50
1936	13.1	13.4	68
1937	11.6	13.3	82
1938	10.2	13.6	45
1939	11.0	14.7	76
1940	8.1	14.9	38
1941	10.5	13.1	49
1942	10.2	13.2	60
1943	11.9	13.6	37
1944	10.8	14.0	72
1945	12.8	16.1	36

P A R T II.

INFECTIOUS DISEASES.

1939.

There were 82 cases of Infectious Diseases notified during the year, as against 97 cases in 1938, and were as follows:—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.			Total Deaths.
Scarlet Fever	12	...	7	...	0
Diphtheria	14	...	14	...	0
Measles	6	...	0	...	0
Whooping Cough	1	...	0	...	1
Acute Pneumonia	4	...	0	...	5*
Puerperal Pyrexia	4	...	2	...	1
Ophthalmia Neonatorum	1	...	1	...	0
Erysipelas	4	...	0	...	0
Chicken Pox	18	...	0	...	0
Pulmonary Tuberculosis ...	7	...	1	...	4
Other forms of Tuberculosis	11	...	0	...	1
	<hr/> 82		<hr/> 25		<hr/> 12

* Includes Deaths from all forms of Pneumonia.

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

ows:—

	West	South	North	East	Total
Scarlet Fever	6 ... 4 ... 1 ... 1 ...	12			
Diphtheria	2 ... 1 ... 8 ... 3 ...	14			
Measles	4 ... 1 ... 0 ... 1 ...	6			
Whooping Cough	1 ... 0 ... 0 ... 0 ...	1			
Acute Pneumonia	1 ... 0 ... 0 ... 3 ...	4			
Puerperal Pyrexia	0 ... 1 ... 1 ... 2 ...	4			
Ophthalmia Neonatorum ...	0 ... 1 ... 0 ... 0 ...	1			
Erysipelas	1 ... 2 ... 0 ... 1 ...	4			
Chicken Pox	11 ... 2 ... 3 ... 2 ...	18			
Pulmonary Tuberculosis	2 ... 3 ... 2 ... 0 ...	7			
Other forms of Tuberculosis..	4 ... 2 ... 3 ... 2 ...	11			
	<hr/> 32 <hr/> 17 <hr/> 18 <hr/> 15 <hr/> 82				

1940.

There were 425 cases of Infectious Diseases notified during the year, as against 82 cases in 1939, and were as follows:—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.			Total Deaths.
Scarlet Fever	14	...	7	...	0
Diphtheria	42	...	38	...	2
Measles	242	...	0	...	0
Whooping Cough	30	...	0	...	0
Acute Pneumonia	11	...	0	...	8*
Puerperal Pyrexia	2	...	0	...	0
Erysipelas	5	...	0	...	0
Chicken Pox	55	...	1	...	0
Cerebro-Spinal Meningitis ...	3	...	3	...	0
Pulmonary Tuberculosis	11	...	6	...	7
Other forms of Tuberculosis..	10	...	1	...	1
	<hr/> 425		<hr/> 56		<hr/> 18

* Includes Deaths from all forms of Pneumonia.

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

	West	South	North	East	Total
Scarlet Fever	7	... 2	... 0	... 5	14
Diphtheria	6	... 4	...25	... 7	42
Measles	87	...46	...45	...64	242
Whooping Cough	10	... 8	... 3	... 9	30
Acute Pneumonia	2	... 2	... 0	... 7	11
Puerperal Pyrexia	1	... 0	... 1	... 0	2
Erysipelas	1	... 2	... 0	... 2	5
Chicken Pox	15	... 6	... 4	...30	55
Cerebro-Spinal Meningitis ...	0	... 1	... 0	... 2	3
Pulmonary Tuberculosis	6	... 1	... 2	... 2	11
Non-Pulmonary Tuberculosis	3	... 3	... 2	... 2	10
	<hr/> 138	<hr/> 75	<hr/> 82	<hr/> 130	<hr/> 425

1941.

There were 479 cases of Infectious Diseases notified during the year, as against 425 cases in 1940, and were as follows:—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.			Total Deaths.
Enteric Fever (Paratyphoid)	3	...	2	...	0
Scarlet Fever	56	...	37	...	0
Diphtheria	48	...	45	...	2
Measles	224	...	0	...	1
Whooping Cough	17	...	0	...	0
Acute Pneumonia	13	...	0	...	6*
Puerperal Pyrexia	1	...	1	...	0
Cerebro-Spinal Fever	5	...	2	...	3
Erysipelas	1	...	0	...	0
Chicken Pox	94	...	0	...	0
Pulmonary Tuberculosis ...	10	...	6	...	3
Other forms of Tuberculosis..	7	...	2	...	1
	<u>479</u>		<u>95</u>		<u>16</u>

* Includes Deaths from all forms of Pneumonia.

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

	West	South	North	East.	Total
Enteric Fever (Paratyphoid)...	1 ...	2 ...	0 ...	0 ...	3
Scarlet Fever	8 ...	10 ...	26 ...	12 ...	56
Diphtheria	7 ...	2 ...	25 ...	14 ...	48
Measles	26 ...	28 ...	79 ...	91 ...	224
Whooping Cough	8 ...	3 ...	4 ...	2 ...	17
Acute Pneumonia	6 ...	1 ...	2 ...	4 ...	13
Chicken Pox	43 ...	31 ...	5 ...	15 ...	94
Cerebro-Spinal Fever	1 ...	2 ...	2 ...	0 ...	5
Puerperal Pyrexia	0 ...	0 ...	1 ...	0 ...	1
Erysipelas	0 ...	1 ...	0 ...	0 ...	1
Pulmonary Tuberculosis	4 ...	2 ...	3 ...	1 ...	10
Other forms of Tuberculosis..	3 ...	2 ...	0 ...	2 ...	7
	<u>107</u>	<u>84</u>	<u>147</u>	<u>141</u>	<u>479</u>

1942.

There were 326 cases of Infectious Disease notified during the year, as against 479 cases in 1941, and were as follows :—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.			Total Deaths.
Scarlet Fever	72	...	43	...	0
Diphtheria	31	...	30	...	3
Acute Erysipelas	1	...	0	...	0
Pneumonia	8	...	0	...	8*
Puerperal Pyrexia	1	...	1	...	0
Whooping Cough	17	...	0	...	0
Cerebro-Spinal Fever	2	...	1	...	0
Chicken Pox	34	...	0	...	0
Measles	143	...	0	...	0
Pulmonary Tuberculosis	9	...	5	...	5
Other forms of Tuberculosis	8	...	0	...	1
	<hr/> 326		<hr/> 80		<hr/> 17

* Includes Deaths from all forms of Pneumonia.

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

	West	South	North	East.	Total
Scarlet Fever	26	...18	...14	...14	72
Diphtheria	4	... 3	...18	... 6	31
Acute Erysipelas	1	... 0	... 0	... 0	1
Pneumonia	2	... 0	... 3	... 3	8
Puerperal Pyrexia	1	... 0	... 0	... 0	1
Whooping Cough	6	... 2	... 5	... 4	17
Cerebro-Spinal Fever	2	... 0	... 0	... 0	2
Chicken Pox	11	... 6	... 9	... 8	34
Measles	66	...39	...12	...26	143
Pulmonary Tuberculosis	4	... 1	... 4	... 0	9
Other forms of Tuberculosis ..	5	... 0	... 1	... 2	8
	<hr/> 128	<hr/> 69	<hr/> 66	<hr/> 63	<hr/> 326

1943.

There were 284 cases of Infectious Diseases notified during the year, as against 326 cases in 1942, and were as follows:—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.			Total Deaths.
Scarlet Fever	27	...	16	...	0
Diphtheria	19	...	19	...	1
Whooping Cough	51	...	0	...	0
Puerperal Pyrexia	3	...	3	...	0
Erysipelas	4	...	0	...	0
Chicken Pox	33	...	0	...	0
Pneumonia	8	...	0	...	9*
Measles	120	...	0	...	0
Pulmonary Tuberculosis	7	...	4	...	3
Other forms of Tuberculosis	12	...	5	...	1
	<hr/> 284		<hr/> 47		<hr/> 14

* Includes Deaths from all forms of Pneumonia.

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

	West	South	North	East.	Total				
Scarlet Fever	5	...	4	...	8	...	10	...	27
Diphtheria	3	...	2	...	8	...	6	...	19
.Whooping Cough	30	...	14	...	3	...	4	...	51
Puerperal Pyrexia	1	..	1	...	0	...	1	...	3
Erysipelas	3	...	0	...	0	...	1	...	4
Chicken Pox	7	...	3	...	14	...	9	...	33
Pneumonia	1	...	3	...	1	...	3	...	8
Measles	33	...	22	...	51	...	14	...	120
Pulmonary Tuberculosis	2	...	1	...	2	...	2	...	7
Other forms of Tuberculosis..	3	...	5	...	2	...	2	...	12
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	88		55		89		52		284

1944.

There were 302 cases of Infectious Diseases notified during the year, as against 284 cases in 1943, and were as follows:—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.	Total Deaths.
Scarlet Fever	25	18	0
Whooping Cough	33	0	0
Puerperal Pyrexia	1	1	0
Erysipelas	2	0	0
Diphtheria	3	3	0
Pneumonia	5	0	2*
Chicken Pox	181	0	0
Measles	32	0	0
Ophthalmia Neonatorum	1	0	0
Malaria (Non-Civilian)	1	1	0
Pulmonary Tuberculosis ...	14	6	1
Other forms of Tuberculosis..	4	1	0
	<hr/> 302	<hr/> 30	<hr/> 3

* Includes Deaths from all forms of Pneumonia.

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

	West	South	North	East.	Total
Scarlet Fever	4	10	4	7	25
Whooping Cough	17	9	3	4	33
Puerperal Pyrexia	1	0	0	0	1
Erysipelas	1	0	0	1	2
Diphtheria	1	1	0	1	3
Pneumonia	2	1	0	2	5
Chicken Pox	46	28	36	71	181
Measles	21	6	2	3	32
Ophthalmia Neonatorum ...	0	0	1	0	1
Malaria (Non-Civilian)	0	0	0	1	1
Pulmonary Tuberculosis	8	2	1	3	14
Other forms of Tuberculosis..	1	0	0	3	4
	<hr/> 102	<hr/> 57	<hr/> 47	<hr/> 96	<hr/> 302

1945.

There were 197 cases of Infectious Diseases notified during the year, as against 302 cases in 1944, and were as follows:—

Disease.	Total Cases Notified.	Cases admitted to Hospitals & Sanatorium.		Total Deaths.
Scarlet Fever	24	...	14	0
Whooping Cough	39	...	0	0
Erysipelas	5	...	0	0
Diphtheria	3	...	3	0
Pneumonia	6	...	0	8*
Chicken Pox	24	...	0	0
Measles	70	...	0	0
Dysentery (Non-Civilian)	1	...	1	0
Pulmonary Tuberculosis	15	...	7	3
Other forms of Tuberculosis .	10	...	3	2
	<hr/> 197		<hr/> 28	<hr/> 13

* Includes Deaths from all forms of Pneumonia.

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

	West	South	North	East.	Total				
Scarlet Fever	10	...	5	...	3	...	6	...	24
Whooping Cough	10	...	7	...	18	...	4	...	39
Erysipelas	4	...	0	...	1	...	0	...	5
Diphtheria	1	...	0	...	1	...	1	...	3
Pneumonia	2	...	2	...	0	...	2	...	6
Chicken Pox	5	...	6	...	10	...	3	...	24
Measles	35	...	16	...	10	...	9	...	70
Dysentery (Non-Civilian)	1	...	0	...	0	...	0	...	1
Pulmonary Tuberculosis	6	...	0	...	4	...	5	...	15
Other forms of Tuberculosis .	2	...	0	...	7	...	1	...	10
	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>	<hr/>
	76		36		54		31		197

CASES NOTIFIED (1939).

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 1939
Scarlet Fever	1	1	0	2	0	0	0	2	0	3	3	0	12
Diphtheria	1	0	0	1	0	0	0	0	0	3	5	4	14
Pneumonia (Acute)	0	0	0	1	0	0	1	0	0	2	0	0	4
Acute Erysipelas	0	1	0	0	1	0	0	0	1	0	0	1	4
Puerperal Pyrexia	0	1	0	0	1	0	0	0	0	2	0	0	4
Chicken Pox	0	0	0	0	0	1	7	0	3	2	4	1	18
Ophthalmia Neonatorum ...	0	0	1	0	0	0	0	0	0	0	0	0	1
Measles	0	0	0	0	0	0	0	0	0	0	1	5	6
Whooping Cough	0	0	0	0	0	0	0	0	0	0	0	1	1
Pulmonary Tuberculosis ...	0	0	0	1	2	1	0	0	0	1	2	0	7
Other forms of Tuberculosis	1	0	0	0	0	1	1	2	1	1	1	3	11
	<u>3</u>	<u>3</u>	<u>1</u>	<u>5</u>	<u>4</u>	<u>3</u>	<u>9</u>	<u>4</u>	<u>5</u>	<u>14</u>	<u>16</u>	<u>15</u>	<u>82</u>

CASES NOTIFIED (1940).

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 1940
Scarlet Fever	1	1	0	1	1	1	3	1	1	2	1	1	14
Diphtheria	0	1	2	0	0	0	0	4	3	5	8	19	42
Measles	17	63	41	24	22	12	9	15	12	3	12	12	242
Whooping Cough	0	0	1	0	0	0	6	10	3	2	0	8	30
Acute Pneumonia	2	2	4	0	0	0	0	0	0	0	2	1	11
Puerperal Pyrexia	1	0	0	0	0	0	0	0	0	1	0	0	2
Erysipelas	1	1	0	0	0	0	0	1	0	0	2	0	5
Chicken Pox	2	1	8	2	0	4	1	4	0	4	23	6	55
Cerebro-Spinal Meningitis .	0	0	0	1	1	0	0	0	0	0	0	1	3
Pulmonary Tuberculosis ...	0	0	1	1	4	1	3	0	0	0	1	0	11
Other forms of Tuberculosis	1	0	1	0	1	0	0	0	2	2	0	3	10
	25	69	58	29	29	18	22	35	21	19	49	51	425

CASES NOTIFIED (1941).

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 1941
Paratyphoid	0	0	0	1	0	0	0	1	1	0	0	0	3
Diphtheria	11	4	1	5	9	6	2	1	1	3	2	3	48
Scarlet Fever	4	0	3	3	2	1	2	0	0	14	6	21	56
Pneumonia (Acute)	1	2	1	0	0	2	4	0	0	0	0	3	13
Acute Erysipelas	0	0	0	0	0	0	0	0	0	0	1	0	1
Puerperal Pyrexia	0	1	0	0	0	0	0	0	0	0	0	0	1
Chicken Pox	9	16	15	13	17	17	4	1	0	0	1	1	94
Measles	22	23	87	66	13	8	3	1	1	0	0	0	224
Whooping Cough	5	0	0	1	1	1	2	1	2	0	0	4	17
Cerebro-Spinal Fever	1	3	1	0	0	0	0	0	0	0	0	0	5
Pulmonary Tuberculosis ...	2	3	2	0	0	0	1	1	0	0	1	0	10
Other forms of Tuberculosis	0	3	3	0	0	0	0	0	0	0	0	1	7
	55	55	113	89	42	35	18	6	5	17	11	33	479

CASES NOTIFIED (1942).

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 1942
Scarlet Fever	10	13	4	3	6	2	4	3	5	6	8	8	72
Diphtheria	2	3	8	2	0	2	0	1	2	2	4	5	31
Acute Erysipelas	0	0	0	0	0	0	0	0	0	0	0	1	1
Pneumonia	0	0	2	0	3	2	0	1	0	0	0	0	8
Puerperal Pyrexia	0	0	1	0	0	0	0	0	0	0	0	0	1
Whooping Cough	1	2	0	3	5	1	2	2	0	1	0	0	17
Cerebro-Spinal Fever	0	1	0	0	0	1	0	0	0	0	0	0	2
Chicken Pox	4	6	6	2	0	1	2	3	3	1	3	3	34
Measles	0	0	2	2	33	37	17	4	3	22	17	6	143
Pulmonary Tuberculosis ...	1	1	0	3	0	0	1	1	1	1	0	0	9
Other forms of Tuberculosis	1	1	1	0	0	1	2	1	0	1	0	0	8
	19	27	24	15	47	47	28	16	14	34	32	23	326

CASES NOTIFIED (1943).

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 1943
scarlet Fever	2	1	2	1	1	2	6	1	1	5	1	4	27
Diphtheria	0	0	4	2	1	3	0	1	4	2	1	1	19
Whooping Cough	1	3	7	21	8	4	1	0	0	1	4	1	51
Puerperal Pyrexia	1	0	1	0	1	0	0	0	0	0	0	0	3
Erysipelas	1	0	1	1	0	0	0	0	1	0	0	0	4
Chicken Pox	1	2	3	0	5	7	8	1	1	1	4	0	33
Pneumonia	0	1	0	4	0	1	1	0	0	0	0	1	8
Measles	4	2	2	10	16	38	35	12	1	0	0	0	120
Pulmonary Tuberculosis ...	1	1	0	0	1	1	0	1	1	1	0	0	7
Other forms of Tuberculosis	3	0	3	1	1	0	0	0	1	0	2	1	12
	14	10	23	40	34	56	51	16	10	10	12	8	284

CASES NOTIFIED (1944).

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 1944
Scarlet Fever	0	0	2	2	4	2	0	0	2	3	8	2	25
Whooping Cough	0	2	0	0	1	2	4	3	3	4	3	11	33
Puerperal Pyrexia	1	0	0	0	0	0	0	0	0	0	0	0	1
Erysipelas	0	0	0	1	1	0	0	0	0	0	0	0	2
Diphtheria	0	1	0	0	0	0	1	1	0	0	0	0	3
Pneumonia	0	0	1	3	0	0	0	0	1	0	0	0	5
Chicken Pox	1	13	45	71	29	6	2	2	2	1	6	3	181
Measles	0	0	1	1	0	1	3	1	2	10	9	4	32
Ophthalmia Neonatorum ...	0	0	0	0	0	0	0	0	1	0	0	0	1
Malaria (Non-Civilian)	1	0	0	0	0	0	0	0	0	0	0	0	1
Pulmonary Tuberculosis ...	2	1	0	1	0	0	2	1	2	1	2	2	14
Other forms of Tuberculosis	0	0	0	1	0	0	0	0	2	1	0	0	4
	5	17	49	80	35	11	12	8	15	20	28	22	302

CASES NOTIFIED (1945).

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 1945
Scarlet Fever	3	2	4	7	2	1	2	1	1	1	0	0	24
Whooping Cough	21	11	4	0	0	0	0	1	0	0	2	0	39
Erysipelas	0	0	0	2	0	0	0	0	2	1	0	0	5
Diphtheria	0	0	0	0	0	0	1	2	0	0	0	0	3
Pneumonia	0	4	0	1	1	0	0	0	0	0	0	0	6
Chicken Pox	5	2	5	3	4	1	2	0	0	0	0	2	24
Measles	7	11	7	6	11	19	5	1	3	0	0	0	70
Dysentery (Non-Civilian) ...	0	0	0	0	0	0	1	0	0	0	0	0	1
Pulmonary Tuberculosis ...	1	1	0	0	0	1	1	2	5	1	3	0	15
Other forms of Tuberculosis	0	3	0	0	1	2	1	0	2	1	0	0	10
	<u>37</u>	<u>34</u>	<u>20</u>	<u>19</u>	<u>19</u>	<u>24</u>	<u>13</u>	<u>7</u>	<u>13</u>	<u>4</u>	<u>5</u>	<u>2</u>	<u>197</u>

TUBERCULOSIS (1939).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 to 5 years.....	0	0	0	2	0	0	0	0
5 to 10 years.....	0	0	2	1	0	0	0	0
10 to 15 years.....	0	1	1	2	0	0	0	1
15 to 20 years.....	0	0	1	1	0	0	0	0
20 to 25 years.....	0	1	0	0	0	0	0	0
25 to 35 years.....	1	0	0	1	3	1	0	0
35 to 45 years.....	0	0	0	0	0	0	0	0
45 to 55 years.....	1	0	0	0	0	0	0	0
55 to 65 years.....	0	3	0	0	0	0	0	0
65 and upwards	0	0	0	0	0	0	0	0
	2	5	4	7	3	1	0	1
	7		11		4		1	

TUBERCULOSIS (1940).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 to 5 years.....	0	0	0	1	0	0	0	0
5 to 10 years.....	1	0	1	2	0	0	1	0
10 to 15 years.....	0	0	1	1	0	0	0	0
15 to 20 years.....	0	2	0	0	0	0	0	0
20 to 25 years.....	1	0	0	0	0	2	0	0
25 to 35 years.....	2	0	0	0	1	0	0	0
35 to 45 years.....	1	3	0	1	0	2	0	0
45 to 55 years.....	1	0	0	2	1	0	0	0
55 to 65 years.....	0	0	0	0	0	1	0	0
65 and upwards	0	0	1	0	0	0	0	0
	6	5	3	7	2	5	1	0
	11		10		7		1	

TUBERCULOSIS (1941).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 to 5 years.....	0	0	0	2	0	0	0	0
5 to 10 years.....	0	0	3	0	0	0	0	0
10 to 15 years.....	0	0	0	2	0	0	0	0
15 to 20 years.....	0	2	0	0	0	1	0	0
20 to 25 years.....	2	0	0	0	0	0	0	0
25 to 35 years.....	1	2	0	0	1	0	0	0
35 to 45 years.....	0	2	0	0	0	0	0	1
45 to 55 years.....	1	0	0	0	1	0	0	0
55 to 65 years.....	0	0	0	0	0	0	0	0
65 and upwards	0	0	0	0	0	0	0	0
	4	6	3	4	2	1	0	1
	10		7		3		1	

TUBERCULOSIS (1942).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary M.	Pulmonary F.	Non-Pulmonary. M.	Non-Pulmonary. F.	Pulmonary M.	Pulmonary F.	Non-Pulmonary. M.	Non-Pulmonary. F.
1 to 5 years.....	0	0	2	1	0	0	0	0
5 to 10 years.....	0	0	0	1	0	0	0	0
10 to 15 years.....	0	0	0	1	0	0	0	0
15 to 20 years.....	0	0	0	0	0	0	0	0
20 to 25 years.....	0	1	0	0	0	0	0	0
25 to 35 years.....	4	1	0	0	1	0	0	0
35 to 45 years.....	1	0	0	2	0	1	0	0
45 to 55 years.....	1	0	0	1	1	0	0	1
55 to 65 years.....	1	0	0	0	1	1	0	0
65 and upwards	0	0	0	0	0	0	0	0
	7	2	2	6	3	2	0	1
	9		8		5		1	

TUBERCULOSIS (1943).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 to 5 years.....	0	0	2	2	0	0	0	0
5 to 10 years.....	0	0	0	1	0	0	0	0
10 to 15 years.....	0	0	2	1	0	0	0	0
15 to 20 years.....	0	0	0	1	1	0	0	0
20 to 25 years.....	0	2	0	0	0	0	0	0
25 to 35 years.....	0	2	0	1	0	2	0	0
35 to 45 years.....	2	0	0	1	0	0	0	0
45 to 55 years.....	1	0	0	0	0	0	0	0
55 to 65 years.....	0	0	0	0	0	0	0	0
65 and upwards	0	0	1	0	0	0	1	0
	3	4	5	7	1	2	1	0
	7		12		3		1	

TUBERCULOSIS (1944).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 to 5 years.....	0	0	0	1	0	0	0	0
5 to 10 years.....	0	0	1	0	0	0	0	0
10 to 15 years.....	0	0	1	0	0	0	0	0
15 to 20 years.....	0	0	0	0	0	0	0	0
20 to 25 years.....	0	3	0	0	0	0	0	0
25 to 35 years.....	2	1	0	1	0	0	0	0
35 to 45 years.....	3	1	0	0	0	0	0	0
45 to 55 years.....	2	0	0	0	0	0	0	0
55 to 65 years.....	2	0	0	0	1	0	0	0
65 and upwards	0	0	0	0	0	0	0	0
	9	5	2	2	1	0	0	0
	14		4		1		0	

TUBERCULOSIS (1945).

The following Table shows the period of the cases notified.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary		Non-Pulmonary.		Pulmonary		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
1 to 5 years.....	0	0	2	1	0	0	1	1
5 to 10 years.....	0	0	1	1	0	0	0	0
10 to 15 years.....	0	0	0	2	0	0	0	0
15 to 20 years.....	1	0	1	1	1	0	0	0
20 to 25 years.....	1	5	0	1	0	0	0	0
25 to 35 years.....	4	1	0	0	0	0	0	0
35 to 45 years.....	1	0	0	0	0	0	0	0
45 to 55 years.....	1	0	0	0	1	0	0	0
55 to 65 years.....	1	0	0	0	1	0	0	0
65 and upwards	0	0	0	0	0	0	0	0
	9	6	4	6	3	0	1	1
	15		10		3		2	

NOTIFIABLE DISEASES DURING THE YEAR (1939).

Age Periods.

DISEASE.	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Scarlet Fever	0	0	0	0	0	4	7	0	1	0	0	0
Diphtheria	0	0	1	0	1	6	4	1	1	0	0	0
Measles	0	0	0	0	2	2	1	1	0	0	0	0
Whooping Cough	0	0	0	0	1	0	0	0	0	0	0	0
Acute Pneumonia	0	0	0	0	0	0	0	0	1	1	1	1
Puerperal Pyrexia	0	0	0	0	0	0	0	0	3	1	0	0
Ophthalmia Neonatorum ...	1	0	0	0	0	0	0	0	0	0	0	0
Erysipelas	0	0	0	0	0	0	0	0	0	2	1	1
Chicken Pox	0	1	2	0	3	10	2	0	0	0	0	0
Pulmonary Tuberculosis ...	0	0	0	0	0	0	1	0	2	0	4	0
Other forms of Tuberculosis	0	1	0	1	0	3	3	2	1	0	0	0
Total Cases	1	2	3	1	7	25	18	4	9	4	6	2

NOTIFIABLE DISEASES DURING THE YEAR (1940).

Age Periods.

DISEASE.	Total Cases	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Scarlet Fever	14	0	0	1	0	1	7	2	1	2	0	0	0
Diphtheria	42	0	0	2	2	2	18	14	2	2	0	0	0
Measles	242	8	17	26	14	23	112	20	11	9	1	1	0
Whooping Cough	30	1	2	4	6	2	15	0	0	0	0	0	0
Acute Pneumonia	11	0	0	0	0	0	0	0	0	1	5	3	2
Puerperal Pyrexia	2	0	0	0	0	0	0	0	0	1	0	0	0
Erysipelas	5	0	0	0	0	0	0	0	1	0	1	4	0
Chicken Pox	55	0	3	3	5	1	37	5	1	0	0	0	0
Cerebro-Spinal Meningitis .	3	0	1	0	0	0	0	1	0	0	0	1	0
Pulmonary Tuberculosis ...	11	0	0	0	0	0	1	0	2	3	4	1	0
Other forms of Tuberculosis	10	0	0	0	1	0	3	2	0	0	1	2	1
	425	9	23	36	28	29	193	44	18	18	12	12	3

NOTIFIABLE DISEASES DURING THE YEAR (1941).

Age Periods.

DISEASE.	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Total Cases	8	30	34	37	42	218	48	22	20	9	8	3
Scarlet Fever	0	0	0	6	3	34	9	1	2	1	0	0
Diphtheria	0	0	5	1	3	14	13	7	2	1	2	0
Enteric Fever (Paratyphoid)	0	0	0	0	0	0	1	0	1	0	1	0
Measles	6	20	20	25	31	103	8	5	3	3	0	0
Whooping Cough	2	4	1	0	2	8	0	0	0	0	0	0
Acute Pneumonia	0	0	0	0	0	1	0	1	3	2	4	2
Puerperal Pyrexia	0	0	0	0	0	0	0	0	1	0	0	0
Cerebro-Spinal Fever	0	0	0	0	0	1	0	2	2	0	0	0
Erysipelas	0	0	0	0	0	0	0	0	0	0	0	1
Chicken Pox	0	5	7	5	3	54	15	4	1	0	0	0
Pulmonary Tuberculosis ...	0	0	0	0	0	0	0	2	5	2	1	0
Other forms of Tuberculosis	0	1	1	0	0	3	2	0	0	0	0	0
	8	30	34	37	42	218	48	22	20	9	8	3
	479											

NOTIFIABLE DISEASES DURING THE YEAR (1942).

Age Periods.

DISEASE.	Total Cases	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Diphtheria	31	0	1	1	4	2	11	9	0	3	0	0	0
Scarlet Fever	72	0	0	3	3	3	38	19	2	3	1	0	0
Pneumonia (Acute)	8	0	0	0	0	0	0	0	0	1	2	4	1
Acute Erysipelas	1	0	0	0	0	0	0	0	0	0	1	0	0
Puerperal Pyrexia	1	0	0	0	0	0	0	0	0	1	0	0	0
Chicken Pox	34	0	1	3	0	2	21	5	2	0	0	0	0
Measles	143	3	10	15	13	21	67	7	2	2	2	1	0
Whooping Cough	17	0	5	1	0	0	10	0	0	0	0	1	0
Cerebro-Spinal Fever	2	0	0	0	0	0	0	0	0	1	0	1	0
Pulmonary Tuberculosis ...	9	0	0	0	0	0	0	0	0	6	1	2	0
Other forms of Tuberculosis	8	0	1	2	0	0	1	1	0	2	0	1	0
	326	3	18	25	20	28	148	41	6	19	7	10	1

NOTIFIABLE DISEASES DURING THE YEAR (1943).

Age Periods.

DISEASE.	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Total Cases	4	22	24	22	27	132	18	4	12	—	11	3
Scarlet Fever	0	1	2	1	2	15	5	0	0	0	1	0
Diphtheria	0	0	1	0	0	7	4	1	2	2	2	0
Whooping Cough	3	4	5	7	4	27	1	0	0	0	0	0
Puerperal Pyrexia	0	0	0	0	0	0	0	0	3	0	0	0
Erysipelas	0	0	0	0	0	0	0	0	1	0	3	0
Chicken Pox	0	1	4	1	3	22	2	0	0	0	0	0
Pneumonia	0	0	0	0	0	0	0	1	1	0	4	2
Measles	1	16	11	12	16	60	3	1	0	0	0	0
Pulmonary Tuberculosis ...	0	0	0	0	0	0	0	0	4	2	1	0
Other forms of Tuberculosis	0	0	1	1	2	1	3	1	1	1	0	1
	—	—	—	—	—	—	—	—	—	—	—	—
	284	22	24	22	27	132	18	4	12	—	11	3

NOTIFIABLE DISEASES DURING THE YEAR (1944).

Age Periods.

DISEASE.	Total Cases	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Scarlet Fever	25	0	0	1	0	3	10	5	2	4	0	0	0
Whooping Cough	33	2	3	2	6	1	15	2	1	1	0	0	0
Puerperal Pyrexia	1	0	0	0	0	0	0	0	0	0	0	0	0
Erysipelas	2	0	0	0	0	0	0	0	0	0	1	1	0
Diphtheria	3	0	0	1	0	0	2	0	0	0	0	0	0
Pneumonia	5	0	0	0	0	0	0	2	0	1	0	0	1
Chicken Pox	181	7	7	7	11	13	110	18	5	2	0	1	0
Measles	32	0	4	5	3	5	12	1	1	1	0	0	0
Ophthalmia Neonatorum ...	1	1	0	0	0	0	0	0	0	0	0	0	0
Malaria (Non-civilian)	1	0	0	0	0	0	0	0	0	1	0	0	0
Pulmonary Tuberculosis ...	14	0	0	0	0	0	0	0	0	6	4	4	0
Other forms of Tuberculosis	4	0	1	0	0	0	2	0	0	1	0	0	0
	302	10	15	16	20	22	151	28	9	18	6	6	1

NOTIFIABLE DISEASES DURING THE YEAR (1945).

Age Periods.

DISEASE.	Under 1	1 — 2	2 — 3	3 — 4	4 — 5	5 — 10	10 — 15	15 — 20	20 — 35	35 — 45	45 — 65	Over 65
Scarlet Fever	0	0	1	1	1	13	1	3	0	3	1	0
Whooping Cough	7	6	6	4	4	12	0	0	0	0	0	0
Erysipelas	0	0	0	0	0	0	0	0	0	0	3	2
Diphtheria	0	0	0	0	0	1	1	1	0	0	0	0
Pneumonia	0	0	0	0	0	1	0	0	1	1	0	3
Chicken Pox	2	1	4	0	2	8	3	3	1	0	0	0
Measles	5	6	9	7	7	34	1	1	0	0	0	0
Dysentery (Non-civilian) ...	0	0	0	0	0	0	0	0	1	0	0	0
Pulmonary Tuberculosis ...	0	0	0	0	0	0	0	1	11	1	2	0
Other forms of Tuberculosis	0	1	1	0	1	2	2	2	1	0	0	0
Total Cases	14	14	21	12	15	71	8	11	15	5	6	5
	197											

INFECTIOUS DISEASES.

Monthly Chart of Disinfections.

1939.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Schools	Offices	Total
January	1	2	1	2	0	7	13
February	0	0	0	5	0	4	9
March	1	2	0	5	0	4	12
April	2	2	1	0	2	5	12
May	1	1	0	2	0	3	7
June	0	2	0	2	0	4	8
July	0	3	0	1	0	4	8
August	2	0	0	0	0	4	6
September ...	0	0	0	2	2	21	25
October	3	1	3	1	1	22	31
November ...	3	2	4	2	0	14	25
December	0	0	4	3	0	10	17
	13	15	13	25	5	102	173

Total number of Infectious Diseases notified 82
 Total number of Premises disinfected..... 173
 Total number of Articles disinfected 646
 Total number of Articles destroyed..... 504

1940.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Schools	Total
January	1	0	0	2	0	3
February	1	0	1	1	0	3
March	0	1	2	3	0	6
April	1	1	0	2	1	5
May	1	2	0	1	0	4
June	1	1	0	4	0	6
July	3	2	0	1	1	7
August	1	0	4	1	0	6
September	1	0	3	3	0	7
October	2	1	5	2	0	10
November	1	0	8	1	0	10
December	1	0	19	0	0	20
	14	8	42	21	2	87

Total number of Infectious Diseases notified 425
 Total number of Premises disinfected 87
 Total number of Articles disinfected 1225
 Total number of Articles destroyed 136

INFECTIOUS DISEASES (continued)

1941.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Schools	Total
January	1	0	11	8	0	20
February	0	0	3	10	0	13
March	2	2	1	7	0	12
April	2	0	5	3	0	10
May	2	0	8	3	0	13
June	1	1	6	3	0	11
July	0	0	2	1	0	3
August	1	0	0	0	0	1
September	0	0	1	2	0	3
October	14	0	3	0	2	19
November	4	0	1	0	0	5
December	17	0	1	3	1	22
	44	3	42	40	3	132

Total number of Infectious Diseases notified.....	479
Total number of Premises disinfected.....	132
Total number of Articles disinfected	1629
Total number of Articles destroyed	107

1942.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Total
January	10	2	2	4	18
February	7	1	2	5	15
March	3	0	8	3	14
April	2	3	2	0	7
May	3	1	0	2	6
June	2	2	2	0	6
July	2	1	0	2	5
August	2	0	1	4	7
September	2	3	2	1	8
October	3	0	2	4	9
November	5	2	4	7	18
December	5	0	5	0	10
	46	15	30	32	123

Total number of Infectious Diseases notified	326
Total number of Premises disinfected	117
Total number of Articles disinfected	1715
Total number of Articles destroyed	75

INFECTIOUS DISEASES (continued)

1943.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Total
January	1	2	0	4	7
February	1	1	0	3	5
March	1	1	4	3	9
April	1	0	2	4	7
May	1	0	1	1	3
June	1	3	3	0	7
July	3	1	0	1	5
August	1	2	1	0	4
September	0	0	4	0	4
October	4	1	2	1	8
November	1	0	1	1	3
December	1	0	1	1	3
	16	11	19	19	65

Total number of Infectious Diseases notified	284
Total number of Premises disinfected.....	65
Total number of Articles disinfected	1463
Total number of Articles destroyed	72

1944.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Total
January	0	2	0	3	5
February	0	1	1	1	3
March	2	0	0	3	5
April	1	1	0	0	2
May	4	0	0	0	4
June	1	0	0	1	2
July	1	0	1	0	2
August	0	1	1	1	3
September	1	0	0	0	1
October	1	2	0	2	5
November	8	0	0	1	9
December	1	1	0	2	4
	20	8	3	14	45

Total number of Infectious Diseases notified	302
Total number of Premises disinfected	45
Total number of Articles disinfected	929
Total number of Articles destroyed	53

INFECTIOUS DISEASES.—Continued.

1945.

	Scarlet Fever	Tuber- culosis	Diph- theria	Others	Total
January	1	2	0	1	4
February	2	1	0	0	3
March	3	2	0	0	5
April	2	0	0	1	3
May	1	2	0	4	7
June	1	0	0	1	2
July	2	0	1	0	3
August	0	1	2	1	4
September	1	0	0	1	2
October	1	1	0	1	3
November	0	1	0	1	2
December	0	0	0	2	2
	14	10	3	13	40

Total number of Infectious Diseases notified	197
Total number of Premises disinfected	40
Total number of Articles disinfected	372
Total number of Articles destroyed.....	70

Isolation of Infectious Diseases.

The district is provided with hospital accommodation for Smallpox at Elswick, Infectious Diseases at Moss Side, near Lytham, and Sanatorium treatment at Elswick, Grange, High Carley and other centres.

Ambulance arrangements are good.

Disinfection.

Disinfection is carried out by means of a Formalin Spraying Machine.

A Thresh Steam Disinfector was installed in the Council's Depot in 1925.

Disinfection is carried out on request in houses where deaths have occurred from Cancer, and in all cases where deaths have occurred from Pulmonary Tuberculosis.

Bacteriological Examinations.

These are carried out at the Public Health Laboratory, Manchester, and at the Public Health Laboratory, Blackpool. In the following years the following examinations were made:—

	Diphtheria Swabs.	Agglutination Tests for Typhoid Fever.	Bacteriological Examination of Water.	Scarlet Fever Tests.
1939	82	2	6	0
1940	96	1	6	0
1941	173	6	0	1
1942	143	2	1	0
1943	65	3	0	0
1944	18	0	0	0
1945	23	1	6	2

INFECTIOUS DISEASES (continued)

Examinations of Sputum for the Tubercle Bacillus are carried out at Elswick Sanatorium.

Summary of Nursing Arrangements : Hospitals and Other Institutions available for the District Nursing, Professional nursing in the home.

- (a) GENERAL.—In July, 1923, the District was provided, through the Thornton Cleveleys District Nursing Association, which is affiliated with the Queen Victoria Jubilee Institution for Nurses, with a Nurse or Nurses as occasion required. The services have given entire satisfaction and are a boon to the district.

	No. of cases visited during year.	No. of visits made during year.
1939	307 ...	8445
1940	333 ...	8426
1941	308 ...	7058
1942	253 ...	5985
1943	304 ...	6886
1944	252 ...	5815
1945	273 ...	6293

- (b) FOR INFECTIOUS DISEASES.—No action has been required, but a Nurse will be engaged if necessary.

Maternity and Child Welfare Centre.

The new County School Medical and Child Welfare Department in Church Road, Thornton, was opened in May, 1939. The School Medical Officer and Nurses (County Council) and ladies of the district attend weekly.

No. of occasions the Centre was opened:—

1939.	1940.	1941.	1942.	1943.	1944.	1945.
47	46	50	50	50	48	46

No. of individual children attending were:—

	Total.	Under 1 year.	From 1 to 2 years.	From 2 years and over.
1939	402 ...	145 ...	102 ...	155
1940	349 ...	125 ...	90 ...	134
1941	243 ...	123 ...	42 ...	78
1942	260 ...	138 ...	54 ...	68
1943	333 ...	182 ...	71 ...	80
1944	496 ...	260 ...	127 ...	109
1945	410 ...	201 ...	116 ...	93

Maternity and Child Welfare Centre (continued)

No. of attendances of children were:—

	Total.	Under 1 year.	From 1 to 2 years.	From 2 years and over.
1939	4225	1658	936	1631
1940	3066	1166	672	1228
1941	2153	1191	284	678
1942	2406	1405	471	530
1943	3315	2115	596	604
1944	4099	2624	738	737
1945	3004	1890	611	503

The number of attendances by expectant mothers:—

	No. of individual Expectant Mothers attending.	No. of actual attendances.
1939	42	369
1940	35	246
1941	24	249
1942	17	155
1943	35	334
1944	36	356
1945	33	344

Midwives' Act, 1902.

Midwives resident in the district and certified under the above Act are enrolled on the County Register. The above are under supervision of the County Medical Officer of Health.

Clinics and Treatment Centres.—None situate in the district. Tuberculosis is dealt with by the County Tuberculosis Officer on notification. Venereal Disease cases attend the Blackpool Centres at the Victoria Hospital and Fleetwood Hospital.

Nursing Homes.—There are now only two Nursing Homes within the district.

Public Health (Prevention of Tuberculosis) Regulations, 1925, Public Health Act, 1925, Section 62.—No action was required under the above Regulations, etc.

Hospital.—None in the district. Cases are sent to Blackpool, Fleetwood, Preston, Manchester, etc. Ambulance facilities are good.

Hospital Facilities for Infectious Diseases are satisfactory. (See Part II).

DIPHTHERIA IMMUNISATION SCHEME.

Particulars of Children dealt with under the Immunisation Scheme.

Ages.	Children immunised 1945	Children immunised 1944	Children immunised 1943	Children immunised 1942	Children immunised 1941	No. of children in district who are immunised
Under 1	12	12	3	—	2	29
1—	91	95	72	82	88	428
2—	29	11	22	43	86	191
3—	7	6	29	32	94	168
4—	4	8	16	29	93	150
5—	1	6	16	22	118	163
6—	—	9	29	30	133	201
7—	1	1	18	31	85	136
8—	—	—	19	27	97	143
9—	2	1	13	21	121	158
10—	1	2	22	21	88	134
11—	1	2	22	39	119	183
12—	—	—	10	21	112	143
13—	1	2	14	21	89	127
14—	—	—	8	5	37	50
15—	—	—	5	3	20	28
16—	—	1	3	—	4	8
	150	156	321	427	1386	2440

Estimated number of children in area, age group 0—4 (incl.) 812

Estimated number of children in area, age group 5—15 (incl.) 1830

Estimated number of children in area under 15 years of age 2642

Children who had attained 5 years on the 31st December, 1945, were transferred to the 5—15 group; children who attained the age of 15 years at 31st December, 1945, have not been counted. The position as far as can be ascertained at 31st December, 1945, by the checking of ages is as under:—

Under 1—1; 1 year—85; 2 years—136; 3 years—110; 4 years—116; 5 to 9 years—774; 10 to 14 years—715; TOTAL: 1937 (under 15 years).

Per Cent. of Children Immunised in Area.

Under 5 years: 448 or 55.1%.

Between 5 and 15 years: 1489 or 81.3%.

Total of all children under 15 years who are immunised: 1937 or 73.3%.

All the percentages are based on figures supplied by the General Register Office and are estimates of the child population at mid-1945.

CHIEF SANITARY INSPECTOR'S REPORT.

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

GENTLEMEN,

I have the honour to present the Annual Report on the work of the Sanitary and Cleansing Department for the years 1939 to 1945 inclusive.

The report has been prepared in collaboration with the Medical Officer of Health, thus repetition has been avoided.

The years under review presented many difficulties, and at times owing to shortage of labour it seemed that some essential Sanitary services would break down. This did not happen, but so far as the Cleansing Services were concerned, the public had to be satisfied with a less frequent removal of refuse than once a week. This they accepted willingly, and in addition, assisted us to the utmost with our salvage efforts.

Numerous complaints were received respecting the bad keeping qualities of the milk supply. All these were investigated, many faults remedied, and the co-operation of the producer and retailer sought. This resulted in many cases in a cleaner and better supply being delivered to the public.

All premises where food is prepared were regularly inspected, and contraventions remedied.

Owing to lack of labour and shortage of materials it was most difficult to keep the houses in the district up to the pre-war standard of repair, but all essential repairs were carried out.

It would be remiss on my part if I did not thank the members of the Council for their help and co-operation in dealing with all matters affecting the health and well-being of our community.

I especially thank the members of the staff for their helpful and loyal co-operation throughout the war years.

I am, Gentlemen,

Yours obediently,

ARTHUR E. BARNES, M.R.SAN.I.

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 two outlying houses depend on well water, and ten samples were obtained from these wells, the results being brought to the notice of the owners.

Three samples of water were obtained from the mains supply and these were satisfactory.

Improvements Obtained as a result of Action by the Department.

1939—None.

1940—150 yards of main laid to serve three houses. Three wells closed. Cost, £90.

1941—283 yards of main laid to serve Farm and Dairy Premises.

One well closed. Cost, £200.

1942—None.

1943—None.

1944—None.

1945—None.

The above are in addition to the extensions made by the Board to new property in the district.

Total number of houses supplied with Fylde Water

(at 31/12/45) 4510

Total number of houses supplied with well water,

two wells (at 31/12/45) 2

4512

DRAINAGE AND SEWERAGE.

Owing to the flat nature of the district, a system of ejectors, worked by compressed air, are in operation. The sewage is discharged near dead low water into the Irish Sea. No extensive additions have been made to the sewers during the period under review.

Statistics.

Dwelling-houses using water carriage system ...	4460
Dwelling-houses using waste water closets... ..	12
Dwelling-houses using privy middens	13
Dwelling-houses using pail closets	27
	4512

Conversions.

Number of Privy Closets.	1939	1940	1941	1942	1943	1944	1945
To fresh water closets...	—	—	—	—	—	—	—
To waste water closets...	—	—	—	—	—	—	—
To pail closets	—	—	—	—	—	—	—
Number of Pail Closets.							
To fresh water closets...	1	—	—	1	—	—	1
To waste water closets...	—	—	—	—	—	—	—
Number of Waste Water Closets.							
To fresh water closets...	—	1	—	1	—	—	—
Number of houses at which movable ashbins have been substituted for fixed receptacles	1	—	—	—	—	—	—

Drainage.

The department employs a man part-time on drainage work; the cost of clearing and cleaning the blocked drains being borne by the owner or occupier. This service is much appreciated by members of the public, and enables the drains to be cleared without the service of notices. No drain needs to be blocked more than 24 hours in this area unless the blockage is due to structural defect of the drain.

Drains Cleansed.

1939.	1940.	1941.	1942.	1943.	1944.	1945.	TOTAL.
149	123	176	161	115	116	155	995

PUBLIC CLEANSING.

Collection of Refuse.

Throughout the period under review, the collection of household refuse and salvage has been carried out by two S.D. freighters. A separate collection was commenced in 1941 for the collection of paper from shops and business premises, and this was—and still is—being carried out by a Bedford vehicle.

It was not found possible to maintain a regular weekly collection of household refuse, due to shortage of suitable labour, sickness, etc., but all premises in the area were visited at least once in every 15 days.

Disposal of Refuse.

The existing arrangements whereby the refuse was deposited in railway trucks on a private siding and conveyed outside our area ceased to operate on the 30th September, 1945. Since that date disposal has been by means of controlled tipping on the lines suggested by the Ministry of Health.

The site selected was low-lying land adjacent to a large number of houses, and it is pleasing to report that, owing to the care exercised in the method of disposal, no serious complaints have been received.

The present site will be filled up before the end of 1946, and it will be necessary for the Council to acquire another site or make other suitable arrangements for the disposal of refuse in the area. This matter is receiving the consideration of the Committee, sites not being readily or easily available.

Salvage.

It was necessary—and still is—for Local Authorities to collect salvage for industry.

We, in our area, with the co-operation of the public, played our part.

Statistics.

TONNAGE.					VALUE.		
		tons	cwts	lbs.	£	s.	d.
1941	.....	348	0	0	...	1,049	18 1
1942	.....	453	0	0	...	1,871	7 3
1943	.....	417	16	36	...	1,834	1 6
1944	.....	246	10	16	...	1,367	13 6
1945	.....	191	5	109	...	1,160	19 2

It will be seen that in spite of increased publicity, the amount of salvage is decreasing. This is understandable; the urgent necessity is no longer in the minds of the public since the cessation of hostilities.

Materials Salvaged.

1941.

	tons	cwts.	lb.
Waste paper...	170	6	28
Heavy Iron ...	21	11	0
Light Iron ...	9	15	56
Uncrushed Tins ...	82	3	28
Crushed Tins ...	0	0	0
Mixed Brass...	0	9	68
Lead ...	0	6	32
Bottles and Jars...	25	10	40
Mixed Rags...	6	2	79
Bones ...	7	0	70
Old Carpet and String	1	11	49
Miscellaneous Rubber.	1	10	68
Aluminium, ...	0	6	28
Copper ...	0	1	81
Pewter ...	0	0	26
Food Waste...	20	17	58
Miscellaneous ...	0	6	73
	348	0	0

Value : £1,049 18s. 1d.
1943.

	tons	cwts.	lb.
Waste paper ...	163	3	82
Heavy Iron ...	10	13	86
Light Iron ...	6	15	28
Uncrushed Tins ...	106	7	0
Mixed Brass ...	0	9	0
Lead ...	0	7	69
Bottles and Jars ...	46	11	102
Mixed Rags...	14	6	10
Bones ...	8	11	3
Old Carpet and String	7	8	0
Miscellaneous Rubber..	5	3	84
Aluminium ...	0	6	86
Copper ...	0	1	100
Pewter ...	0	0	58
Kitchen Waste ...	47	10	0
	417	16	36

Value : £1,834 1s. 6d.

1945.

	tons	cwts.	lbs.
Waste paper ...	115	0	81
Heavy Iron ...	7	9	56
Light Iron ...	1	18	6
Mixed Brass ...	0	3	78
Mixed Rags ...	14	17	55
Bottles and Jars ...	15	2	39
Lead...	0	8	3
Old Carpet and String...	4	10	79
Bones ...	2	17	2
Miscellaneous Rubber ...	2	14	71
Aluminium ...	0	4	91
Kitchen Waste ...	45	17	0
	211	6	87

Value : £1,160 19s. 2d.

1942.

	tons	cwts.	lb.
Waste paper...	205	15	26
Heavy Iron...	18	7	84
Light Iron ...	10	5	59
Uncrushed Tins ...	92	6	0
Crushed Tins ...	8	3	0
Mixed Brass...	0	11	35
Lead ...	1	11	71
Bottles and Jars ...	37	0	98
Mixed Rags...	18	7	95
Bones ...	9	13	0
Old Carpet and String	6	3	83
Miscellaneous Rubber..	6	12	48
Aluminium ...	0	6	16
Copper ...	0	4	10
Pewter ...	0	0	29
Food Waste...	37	11	0
Miscellaneous ...	0	0	18
	453	0	0

Value : £1,871 7s. 3d.
1944.

	tons	cwts.	lb.
Waste paper ...	127	5	96
Heavy Iron...	8	11	0
Light Iron ...	2	14	0
Uncrushed Tins ...	0	14	0
Mixed Brass ...	0	5	89
Lead ...	0	7	78
Bottles and Jars ...	28	7	34
Mixed Rags ...	12	10	56
Bones ...	6	9	104
Old Carpet and String	6	9	40
Miscellaneous Rubber..	2	11	56
Aluminium ...	0	5	2
Copper ...	0	3	10
Pewter ...	0	0	11
Kitchen Waste ...	49	15	0
	246	10	16

Value : £1,367 13s. 6d.

Book Drives.

Two successful book drives were held, one in 1943, and one in 1945. The results were as follows:—

		Number of books collected		Average per person resident in area.
1943	.....	77,821	...	5
1945	.....	34,488	...	2.3

The books were despatched as under:—

		Pulping.	Services.	Hospitals	Blitzed Libraries.	Total.
1943	.....	70,685	5,110	1,896	130	77,821
1945	.....	30,570	1,867	2,033	18	34,488

Such results were obtained only by the co-ordinated efforts of all members of the community who assisted voluntarily to the fullest extent.

Refuse Collection—Statistics.

	1939	1940	1941	1942	1943	1944	1945
Estimated Tonnage collected	2822	2979	2943	2571	2573	2863	2971
Total Mileage run ...	8394	8560	13236	13397	12549	11757	12402
Number of visits to premises	229314	232616	131244	142047	142773	150478	143374
Number of Ashbins emptied	245844	250236	158700	177161	174545	183276	170599
Number of Loads tipped	1326	1451	1745	1144	1040	1040	1220

Number of Employees: 1 Foreman-Motor Driver ; 2 Motor Drivers ; 8 Refuse Collectors ; 2 Paper Balers ; 1 Tip man.

Sanitary Inspections.

	1939	1940	1941	1942	1943	1944	1945	Total.
Number of premises visited...	2116	1501	1374	1736	1344	3269	2080	13420
Number of defects or nuisances discovered	545	368	541	1009	314	231	374	3382
Number of defects or nuisances abated	469	321	493	840	289	215	313	2940
Number of Informal Notices served	213	201	267	643	184	44	326	1878
Number of Statutory Notices served	17	4	9	6	4	39	19	98
Number of legal proceedings taken	—	—	—	—	—	—	1	1
Number of convictions obtained	—	—	—	—	—	—	1	1

Works Dealt With.

	1939	1940	1941	1942	1943	1944	1945	Total.
Defective drains repaired or cleansed	149	123	176	161	115	116	155	995
Defective ashbins renewed ...	63	37	47	71	97	148	160	623
Yard surfaces made satisfactory	4	3	3	2	3	4	6	25
Gutters defective and repaired	11	7	9	6	4	5	10	52
Defective downspouts renewed and repaired	9	7	3	1	1	2	4	27
Water closets renewed	8	4	14	3	7	8	5	49
Sink waste pipes repaired or renewed	5	3	7	4	6	8	4	37
Fire grates repaired	3	2	1	3	3	5	3	20
Roofs repaired	10	4	8	1	2	8	7	40
Brickwork repaired	29	13	16	2	4	10	5	79
Ceilings and floors repaired ...	4	2	10	5	5	13	21	60
Doors repaired or renewed ...	3	2	5	1	2	3	5	21
Window frames repaired or renewed	8	4	4	4	1	5	3	29
Garden Walls rebuilt or repaired	—	—	—	1	—	3	1	5
Verminous Premises disinfested	192	142	183	46	56	160	97	876
Dampness cured	7	5	7	5	9	15	12	60
Manure heaps removed.....	3	1	6	3	2	4	7	26
Untidy Premises cleansed ...	27	6	15	6	4	5	5	68
	<u>535</u>	<u>365</u>	<u>514</u>	<u>325</u>	<u>321</u>	<u>522</u>	<u>510</u>	<u>3092</u>

SUMMARY OF VISITS MADE.

Description.	1939	1940	1941	1942	1943	1944	1945	Total.
Complaints investigated	178	174	243	257	239	301	316	1708
Housing Act—all inspections.....	113	161	185	119	83	308	349	1318
Visits to defective water closets	8	5	8	17	11	7	11	67
Visits to defective drains	149	145	213	197	198	192	328	1422
Visits to work ordered in progress	67	76	117	99	51	39	97	546
Visits to owners and agents	37	23	31	27	13	19	21	171
Milk and Dairies Orders:—								
Inspections of farms, cowsheds	138	133	121	78	35	73	76	654
Inspection of dairies, milkshops	157	156	25	33	35	61	39	506
Other inspections	—	—	5	27	23	18	11	84
Milk samples	—	—	—	31	57	77	41	206
Visits to bakehouses, restaurants, café-kitchens...	126	131	34	27	19	99	40	476
Visits to factories and workshops	153	148	41	35	43	12	16	448
Visits to tents, vans, and sheds	89	88	27	24	19	55	36	338
Infectious diseases enquired into	81	404	402	107	49	71	126	1240
Visits to public conveniences.....	53	40	20	29	13	11	17	183
Visits to choked dykes and streams	22	37	3	5	3	7	9	86
Visits to premises re rats and other vermin...	192	156	99	68	303	1233	894	2945
Visits to ice cream premises and vendors	148	129	—	—	—	—	56	333
Ice cream samples	—	—	—	—	—	—	4	104
Visits to private slaughter-houses	102	—	—	—	—	—	—	102
Visits re killing pigs, lambs, etc.	111	121	17	45	47	53	78	472
Inspection of Piggeries	—	—	10	1	2	9	14	36
Visits to back yards	144	138	57	31	11	7	9	397
Unauthorised temporary erections	32	23	11	12	5	7	11	101
Visits re street cleaning	51	47	10	17	7	9	15	156
Defective gutters and downspouts	20	29	21	9	7	11	13	110
Premises disinfected	173	159	135	121	58	40	40	726

SUMMARY OF VISITS MADE (continued)

Description	1939	1940	1941	1942	1943	1944	1945	Total
Articles disinfected	646	662	2298	1242	1396	892	402	7538
Articles destroyed	504	355	107	75	60	48	51	1200
Notices served (all purposes)	56	205	16	13	24	39	73	426
Samples (water, food, etc.)	—	—	—	5	9	11	9	34
Visits to Schools	—	—	6	7	15	7	7	42
Visits to Markets	—	—	48	68	82	73	32	303
Inspection of watercourses	—	—	223	78	32	18	8	359
Inspections re water supply	—	—	3	4	5	12	5	29
Inspection of stables	—	—	1	—	—	4	—	5
Inspections re sanitary accommodation	—	—	8	11	7	11	7	44
Visits to shops	—	—	2	18	23	17	19	79
Cleansing inspections	—	—	180	114	81	156	353	884
Miscellaneous inspections	—	—	27	51	19	16	16	129
Examination of foodstuffs	—	—	—	14	30	36	29	109
Inspections re nuisances	—	—	—	65	26	63	120	274
Fumigation of premises	—	4	8	3	3	3	4	16
	3550	3746	4756	3184	3143	4125	3802	26306

SHOPS ACT, 1934.

The shops in the area are reasonably provided with sanitary accommodation as required by the above Acts. Routine inspections have not been carried out during the period under review, but many inspections were made and improvements carried out. It is proposed to make a survey of all the shops in the area when the time is opportune, paying particular attention to health and comfort of the shopworker and sanitary accommodation.

OFFICES—PUBLIC HEALTH ACT, 1936.

The offices in the area are, for the most part, of a modern character, and mostly comply with the requirements of the Act. Some inspections were carried out.

MOVEABLE DWELLINGS AND CAMPING SITES.

There are no licensed camping sites in the area, but two camping sites have been used during the period. In addition, there are several small sites in the area which have been used for caravans and other moveable dwellings. These sites are regularly inspected, and any nuisances arising are dealt with.

It was found, upon inspection, that 11 sites were being used in the district.

Summary (Mid-Summer, 1945).

No. of Caravans permanently occupied	13
No. of Caravans—holiday use only	111
	<hr/>
	124
	<hr/>
No. of persons permanently living in caravans ...	22
No. of persons—holiday use only (estimated at 3 per caravan)	333
	<hr/>
	355
	<hr/>

The Council have considered the position in regard to Camping Sites and are securing improvements on two sites, with a view to securing proper control over them, and the elimination of sites not suitable as camping sites. It is anticipated that a great improvement will take place in 1946.

Caravan and Camping Sites are controlled in this area by a local Act—Thornton Cleveleys Improvement Act, 1936, Section 41.

SMOKE ABATEMENT.

No action has been taken during the war years and no observations have been made. Little trouble, however, is experienced in the area.

VERMINOUS PREMISES.

Several complaints were received during the period, the complaints being varied but not extensive. All complaints are thoroughly investigated, advice and help given.

Eradication of infestations of ants is carried out by proprietary insecticides—latterly the use of D.D.T. powders.

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

Bedding is disinfested by a Thresh Steam Disinfector situated in the Council's Depot.

PARTICULARS OF COMPLAINTS RECEIVED AND ERADICATIONS CARRIED OUT.

Year.	Ants.		Beetles and Cockroaches.		Bedbugs.		Fleas, Wood-beetles, Silver Fish, etc.	
	Compl'ts received.	Eradi-cations.	Compl'ts received.	Eradi-cations.	Compl'ts received.	Eradi-cations.	Compl'ts received.	Eradi-cations.
1939 ...	5	5	7	7	8	8	—	—
1940 ...	3	3	1	1	7	7	2	2
1941 ...	2	2	2	2	3	3	—	—
1942 ...	2	2	2	2	5	5	4	4
1943 ...	0	0	10	10	8	8	2	2
1944 ...	0	0	2	2	17	17	—	—
1945 ...	15	15	1	1	15	15	2	2
	<u>27</u>	<u>27</u>	<u>25</u>	<u>25</u>	<u>63</u>	<u>63</u>	<u>10</u>	<u>10</u>

Of above, 16 houses were disinfested by private contractors, using hydrogen cyanide gas.

Of above, 109 houses were disinfested by department in co-operation with the tenants and owners.

	1939	1940	1941	1942	1943	1944	1945	Total
Number of Houses owned by Council infested by Bed Bugs	—	—	1	—	—	1	2	4
Number of Houses owned by Council disinfested for Bed Bugs	—	—	1	—	—	1	2	4
Number of Houses privately owned infested by Bed Bugs	7	7	3	5	8	16	13	59
Number of Houses privately owned disinfested for Bed Bugs	7	7	3	5	8	16	13	59

RODENT CONTROL.

As a result of national and local publicity and the interest displayed in Rodent Control by the Ministry of Food, we, in common with other Local Authorities, have carried out our part in the eradication of Rats and Mice.

A part-time rodent operative is employed, and he has been trained in modern methods of rodent destruction and control. In addition, another employee of the department has been trained and he can and does assist as and when required.

During 1945 test-baiting of a number of main inspection chambers on the surface water sewers in the Cleveleys area was carried out; "no takes" were observed. It should be noted that on occasions these sewers are surcharged.

The charges agreed by the Council for treatment on premises are as under:

Small private dwelling houses	...	5/-
Larger houses, boarding houses, hotels and all business premises	...	Time plus cost of baits and poison.

STATISTICS.

	1939	1940	1941	1942	1943	1944	1945	Total
Number of complaints received	97	74	85	19	87	291	213	866
Number of infestations	97	74	85	19	87	291	213	866
Number of visits for purposes of eradication	151	129	163	48	273	1193	894	2851
Number of premises success- fully treated	97	74	85	19	87	291	213	866
Sewer Treatment—(Inspection Chambers	—	—	—	—	—	—	21	21

The methods adopted in this area for the eradication of rodents are those recommended by the Ministry of Food, Infestation Division.

SWIMMING BATHS AND POOLS.

There are no public or privately owned baths or pools open to the public in this district.

SCHOOLS.

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

It was found necessary during the year 1943 to have the following additions and improvements to the sanitary accommodation of one school carried out. All the work requested was carried out, with the exception of provision of more cloakroom accommodation.

One additional w.c. built for girls.

One additional w.c. built for teachers.

Extension to boys' urinal accommodation.

Wash basins fixed in infants', girls', and boys' cloakrooms (three in all).

Water supply provided to each cloakroom.

The provisions of the Memorandum on Closure of, and Exclusion from Schools are closely followed in this area.

The number of notices for Infectious Diseases forwarded to Head Teachers were as follows:—

1939	1940	1941	1942	1943	1944	1945	Total
26	56	104	103	79	28	27	423

The schools are under the control of the Lancashire Education Committee, are six in number, and are inspected as required.

The Medical Inspection of School Children is carried out by the County Council School Medical Officer and Nurse.

It was found necessary to close the Infants' Section of one school during 1942 for a period of 14 days on account of an outbreak of Measles.

DISINFECTION OF PREMISES, ETC.

Disinfection of premises, articles, and destruction of bedding, etc., is carried out under the supervision of the Chief Sanitary Inspector. One man is employed part-time on this work.

Particulars of disinfections carried out during the period under review are contained in the sections of the report of the Medical Officer of Health.

OFFENSIVE TRADES.

There are 14 in number and are confined exclusively to Fish Friers. Periodical inspections are made and conditions are generally found to be satisfactory.

FACTORIES AND WORKSHOPS ACTS.

A register is kept of all Factories, Workshops, etc., in the district, and frequent visits of inspection are made.

Inspections of Factories and Workshops.

1939	1940	1941	1942	1943	1944	1945	Total
153	148	75	62	62	111	56	667

Any defects which were found to exist were usually promptly remedied by the owners. The sanitary accommodation generally complies with the requirements of the Order regulating sanitary accommodation in Factories, although it has been found necessary during the period under review to have some alterations carried out. There are no underground bakehouses in the district.

HOUSING.

NUMBER OF NEW HOUSES ERECTED.

	1939	1940	1941	1942	1943	1944	1945	Total
(a) Total (including numbers given separately under (b))	134	37	2	0	0	0	0	173
(i) By Local Authorities	0	0	0	0	0	0	0	0
(ii) By other Local Authorities	0	0	0	0	0	0	0	0
(iii) By other Bodies or Persons	134	37	2	0	0	0	0	173
(b) With State Assistance under Housing Acts.								
(i) By Local Authority (included under (a)(i) above)	0	0	0	0	0	0	0	0
(ii) By other Bodies or Persons (included under (a)(iii) above)	0	0	0	0	0	0	0	0

1.—INSPECTION OF DWELLING HOUSES.

	1939	1940	1941	1942	1943	1944	1945	Total
1. (a) Total number of Dwelling Houses inspected for Housing Defects (under Public Health or Housing Acts)	93	132	148	101	66	271	294	1105
(b) Number of Inspections made for the purpose	113	161	185	119	83	308	349	1318
2. (a) Number of Dwelling Houses (included under Sub Head (i) above which were inspected and recorded under the Housing Consolidated Regulations, 1925)	0	0	0	0	0	0	0	0
(b) Number of Inspections made for the purpose	0	0	0	0	0	0	0	0
3. Number of Dwelling Houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation (not occupied)	4	0	0	0	0	0	0	0
4. Number of Dwelling Houses (exclusive of those referred to under the preceding sub head) found not to be in all respects reasonably fit for human habitation	69	97	112	87	52	258	251	926

2.—REMEDY FOR DEFECTS WITHOUT SERVICE OR FORMAL NOTICES.

	1939	1940	1941	1942	1943	1944	1945	Total
Number of defective Dwelling Houses rendered fit in consequence of informal action by Local Authority or their Officers	60	78	96	79	48	221	224	806

3.—ACTION UNDER STATUTORY POWERS.

	1939	1940	1941	1942	1943	1944	1945	Total
(a) Proceedings under Sec. 9, 10 and 16 of the Housing Act, 1936.								
(1) Number of Dwelling Houses in respect of which notices were served requiring repairs	0	0	0	2	4	3	4	13
(2) Number of Dwelling Houses which were rendered fit after service of formal notice.								
(a) By Owners	0	0	0	2	4	3	4	13
(b) By Local Authority in default of Owners	0	0	0	0	0	0	0	0
(b) Proceedings under Public Health Act.								
(a) Number of Dwelling Houses in respect of which notices were served requiring defects to be remedied	19	10	8	3	0	9	1	50
(2) Number of Dwelling Houses in which defects were remedied after service of formal notice.								
(a) By Owners	19	10	8	3	0	9	0	49
(b) By Local Authority in default of Owners ...	0	0	0	0	0	0	1	1
(c) Proceedings under Secs. 11 and 13 of the Housing Act, 1936.								
(1) Number of Dwelling Houses in respect of which Demolition Orders were made	0	0	0	0	0	0	0	0
(2) Number of Dwelling Houses demolished in pursuance of Demolition Orders	0	0	0	0	0	0	0	0
(d) Proceedings under Sec. 12 of Housing Act, 1936.								
(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0	0	0	0	0	0	0	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0	0	0	0	0	0	0	0

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply (as at 31st December, 1945).

There are 34 registered cow-keepers in the district, eight of whom produce "Designated Milk." The total number of registered dairymen is 60. Of these 26 are resident outside the district and eight dairymen are licensed for the sale of graded milk; one retailer is licensed for bottling of Accredited Milk.

Every farm in the area is provided with Fylde Water and complies in general with the order regarding ventilation, light, drainage and floors.

It was found necessary to write to several of the farmers in the area in regard to the cleanliness and lime-washing of the premises. Regular inspections are carried out and an endeavour is made to visit each farm at least twice in every year. It is hoped to increase the number of inspections of farm premises to at least four times during the year.

Licences in Area (as at 31st December, 1945).

Producers of Tuberculin-Tested Milk	...	...	...	1
Producers of Accredited Milk	...	...	...	7
Bottling Licence—Accredited Milk	...	...	...	1
Dealers of Tuberculin-Tested Milk	...	...	...	4
Dealers of Accredited Milk	...	...	...	2
Supplementary Licences—Pasteurised Milk	...	...	...	2
Milk Bars	...	...	...	6

Complaints Regarding Milk Supply.

The milk supply, especially during the warmer months of the year, was not in all respects as satisfactory as it should have been. Many complaints were received during the period under review in respect of souring and bad keeping qualities of the milk. Every complaint was investigated and necessary action was taken., including the follow-up at the Producer's premises in the area. Many of the complaints arose as a result of the infrequent delivery of the milk.

Particulars of Complaints Received and Investigated.

1939	1940	1941	1942	1943	1944	1945	Total
3	2	5	7	54	11	8	90

Milk Samples.

The following samples of milk were taken.

	NO. OF SAMPLES	NUMBER SATISFACTORY	NO. NOT SATISFACTORY
1939.			
Food and Drugs Acts (by County Authorities) ...	21	...	3
Supply to school children	5	...	0
Sediment Tests	87	...	26
B. Tuberculosis	6	...	0
	<hr/> 119	<hr/> 90	<hr/> 29

MILK SAMPLES (continued)

	NO. OF SAMPLES		NUMBER SATISFACTORY		NO. NOT SATISFACTORY
1940.					
B. Tuberculosis	2	...	2	...	0
Bacterial count	2	...	2	...	0
Sediment Test	25	...	19	...	6
	—		—		—
	29		23		6
	—		—		—
1941.					
B. Tuberculosis	1	...	0	...	1
Bacterial Count	6	...	4	...	2
Sediment Test	4	...	3	...	1
Streptococci for Scarlet Fever	1	...	1	...	0
	—		—		—
	12		8		4
	—		—		—
1942.					
Food and Drugs Acts (by County Authorities) ...	9	...	9	...	0
B. Tuberculosis (by County Authorities)	2	...	2	...	0
Tuberculin Tested, Methy- lene Blue Reduction Test	1	...	0	...	1
Accredited, Methylene Blue Reduction Test...	4	...	3	...	1
Pasteurised, Bacteriologi- cal Standard	3	...	0	...	3
Bacteriological Examina- tion (Ungraded Milks)	4	...	0	...	4
Sedimentation Tests	9	...	6	...	3
	—		—		—
	32		20		12
	—		—		—

MILK SAMPLES (continued)

	NO. OF SAMPLES		NUMBER SATISFACTORY		NO. NOT SATISFACTORY
1943.					
Food and Drugs Acts (by County Authorities) ...	9	...	9	...	0
Tuberculin Tested, Bac- terial Count and B. Coli	1	...	0	...	1
Tuberculin Tested, Methy- lene Blue Test	2	...	0	...	2
Accredited, Methylene Blue Test	4	...	3	...	1
Accredited, B. Tuberculosis	4	...	4	...	0
Non-Graded Milk, B. Tuberculosis	3	...	3	...	0
Accredited Milk, Bacteri- al Count and B. Coli	1	...	1	...	0
Pasteurised Milk, Phos- phatase Test	3	...	2	...	1
Pasteurised Milk, Bac- terial Count and B. Coli	3	...	2	...	1
Ungraded Milk, Bacterial Count and B. Coli	19	...	9	...	10
Sedimentation Tests	3	...	3	...	0
	—		—		—
	52		36		16
	—		—		—
1944.					
Food and Drugs Acts (by County Authorities) ...	11	...	10	...	1
Tuberculin Tested, Methy- lene Blue and B. Coli...	4	...	4	...	0
Accredited, B. Tuberculosis	3	...	3	...	0
Non-Graded Milk, B. Tuberculosis	11	...	9	...	2
Pasteurised Milk, Phos- phatase Test	5	...	4	...	1
Pasteurised Milk, Bac- terial Count and B. Coli	4	...	4	...	0
Ungraded Milk, Bac- terial Count and B. Coli	33	...	15	...	18
Accredited Milk, Methy- lene Blue and B. Coli	15	...	8	...	7
Ungraded Milk, Methy- lene Blue Test	1	...	1	...	0
Ungraded Milk, Bac- terial Count and B. Coli and Methylene Blue ...	2	...	2	...	0
Ungraded Milk, Methy- lene Blue and B. Coli...	2	...	2	...	0
	—		—		—
	91		62		29

MILK SAMPLES (continued)

	NO. OF SAMPLES		NUMBER SATISFACTORY		NO. NOT SATISFACTORY
1945.					
Food and Drugs Acts (by County Authorities) ...	2	...	2	...	0
Tuberculin Tested, Methy- lene Blue and B. Coli	2	...	1	...	1
Accredited, B. Tuberculosis	1	...	1	...	0
Pasteurised, Phosphatase Test	8	...	8	...	0
Pasteurised, Bacterial Count and B. Coli ...	3	...	3	...	0
Accredited, Methylene Blue and B. Coli	5	...	4	...	1
Ungraded Milk, Methy- lene Blue and B. Coli...	19	...	13	...	6
Hæmolytic Streptococci for Scarlet Fever	2	...	2	...	0
	—		—		—
	42		34		8
	—		—		—

Alterations and Improvements to Farm and Dairy Premises.

	1939	1940	1941	1942	1943	1944	1945	Total
New Cowsheds built	—	1	—	—	—	1	—	2
Cement Rendering Walls	2	1	—	1	—	2	1	8
New Dairies Built	—	1	—	—	—	1	1	3
Repairs to Dairy Floor	1	1	—	—	—	1	1	4
New Dairy Doors	1	2	1	2	—	2	—	8
Provision of New Windows ...	1	1	1	—	—	—	—	3
Repairs to Cowshed Floors ...	—	1	—	2	—	—	—	3
Provision of Sink and Water Supply	—	1	—	1	1	—	—	3
Water Laid on to Farm Premises	—	—	1	—	—	—	—	1
Additional Light, Ventilation to Cowshed	1	—	—	1	1	1	—	4
Additional Light, Ventilation to Dairy	1	—	—	1	1	1	—	4
Provision of New Cooler to Dairy	—	—	—	—	1	—	—	1
Roofs to Farm Premises Re-paired	—	—	—	—	—	1	—	1
Re-drainage of Farm Premises	—	—	—	—	—	—	3	3
Milk Storage and Bottling Room (new)	—	—	—	—	—	—	1	1

INSPECTION AND SUPERVISION OF MEAT AND OTHER FOODS.

The one licensed slaughter-house in the district has not been used during the period under review owing to the restriction of slaughtering. Meat Inspection was confined to the inspection of meat in retail shop premises and to animals slaughtered under licence from the appropriate authority for individual self-suppliers of meat.

Pigs Examined.

1939	1940	1941	1942	1943	1944	1945	Total
111	121	17	40	46	53	78	466

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

	1939	1940	1941	1942	1943	1944	1945
Cans of Milk	—	—	—	25	1	8	22
Cans of Stewed Steak	—	—	—	26	2	—	—
Cans of Meat (miscellaneous)	2	—	—	3	17	80	5
Cans of Fruit	—	—	—	4	5	—	—
Cans of Fish	—	—	—	4	4	2	—
Cans of Vegetables	—	—	—	1	2	—	—
Cans of Soup	—	—	—	1	6	1	—
Eggs	—	—	—	1381	—	333	—
Ham	—	—	—	—	3½lbs.	—	—
Bacon	—	60lbs.	—	—	—	21lbs.	21lbs.
Liver	—	—	—	—	1lb.	9½lbs.	—
Imported Veal	—	—	—	—	—	32lbs.	—
Lamb	—	—	—	—	—	1½lbs.	—
Beef	—	—	—	—	—	—	33lbs.
Imported Frozen Pork Trimmings	—	—	—	—	—	—	70lbs.
Icelandic Cod	—	—	—	—	—	—	106lbs.
Butter	—	—	—	—	—	70lbs.	—
Margarine	—	—	—	—	—	10lbs.	3lbs.
Cocoa	—	—	—	—	—	28lbs.	—
Baking Powder	—	—	—	—	—	20lbs.	—
Sponge Mixture	—	—	—	—	—	6lbs.	—
Mustard	—	—	—	—	—	79lbs.	39½lbs.
Soup	—	—	—	—	—	4½lbs.	—
Ox Hearts	—	—	—	26	—	160pkts.	—
Dried Fruit	—	—	—	2lbs.	25lbs.	—	—
Chocolate	—	—	—	—	—	6lbs.	—
Egg Powder	—	—	—	—	—	—	21½lbs.
Blanc Mange Powder	—	—	—	—	—	—	29½lbs.
Custard Powder	—	—	—	—	—	—	40lbs.
Oats	—	—	—	—	—	—	18lbs.
Soya Flour	—	—	—	—	—	—	32lbs.
Gravy Powder	—	—	—	—	—	—	7lbs.
Creamola	—	—	—	—	—	—	88pkts.

Ice Cream.

A register is kept of all manufacturers and vendors of Ice Cream. The numbers of those registered at the 31st December, 1945, are as follows:—

Manufacturers 18

Dealers 26

Much attention was paid to the premises with a view to improving generally the conditions under which Ice Cream was manufactured or sold.

Four samples were obtained with the following results:—

1.—“Viable bacteria 140,000 per c.c.

B.Coli present in 0.001 ml. (1/1,000th). UNSATISFACTORY.”

2.—“Viable bacteria 11,000,000 per c.c.

B.Coli present in 0.001 ml. (1/1,000th). UNSATISFACTORY.”

3.—“Viable bacteria over 20,000,000 per c.c.

B.Coli present in 0.001 ml. (1/1,000th). UNSATISFACTORY.”

4.—“Viable bacteria—uncountable.

B.Coli present in 0.001 ml. (1/1,000th). UNSATISFACTORY.”

It is hoped that Regulations will be made and a bacteriological standard for Ice Cream laid down, so as to give Local Authorities generally power to exercise more control over the manufacture and distribution of Ice Cream than they have at the present time.

Markets.

The one market in the district, which is privately owned, has been regularly inspected.

Shell Fish.

There are no shell fish beds in the district.

MOTOR AMBULANCE.

The Council possess one modern Ford "Thames" Ambulance and one Vauxhall Ambulance, the latter being used as a standby, and for bringing some patients home from Moss Side Infectious Disease Hospital after recovery. The operation and control of the Ambulance Service is under the supervision of the Chief Sanitary Inspector. Particulars of the journeys made are as under.

1939.

The Ambulance was requisitioned on 169 occasions, 36 as the result of accidents, 129 due to illness, and 4 unclassified, as follows:

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	16	71	0	87
Fleetwood Hospital	8	6	0	14
Union Infirmary, Kirkham	0	5	0	5
Manchester Hospitals	0	17	0	17
Nursing Homes	0	13	0	13
Own Residence	9	8	0	17
Mortuary	2	9	0	11
Unclassified	1	4	0	5
	<hr/> 36	<hr/> 133	<hr/> 0	<hr/> 169

Total mileage covered: 1,657 miles.

1940.

The Ambulance was requisitioned on 223 occasions, 30 as the result of accidents, 187 due to illness, and 6 unclassified as follows:—

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	21	90	0	111
Fleetwood Hospital	0	2	0	2
Union Infirmary, Kirkham	0	10	0	10
Preston Royal Infirmary	0	20	0	20
Weavers' Home, Poulton	0	13	0	13
Nursing Homes	0	9	0	9
Own Residence	4	38	0	42
Mortuary	3	5	0	8
Unclassified	2	6	0	8
	<hr/> 30	<hr/> 193	<hr/> 0	<hr/> 223

Total mileage covered: 1,809 miles.

1941.

The Ambulance was requisitioned on 387 occasions, 13 as the result of accidents, 371 due to illness, and 3 unclassified as follows:—

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	2	129	0	131
Fleetwood Hospital	2	6	0	8
Union Infirmary, Kirkham	0	26	0	26
Manchester Hospitals	0	1	0	1
Nursing Homes	0	31	0	31
Own Residence	2	113	0	115
Weavers' Home, Poulton	0	9	0	9
"The Hill," Westby	0	3	0	3
Seafeld Nursing Home, Poulton	0	38	0	38
Queen's Hydro, Cleveleys	0	12	0	12
Mortuary	5	3	0	8
Unclassified	2	3	0	5
	<u>13</u>	<u>374</u>	<u>0</u>	<u>387</u>

Total mileage covered: 4,863 miles.

1942.

The Ambulance was requisitioned on 311 occasions, 30 as the result of accidents, 275 due to illness, and 6 unclassified, as follows:—

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	23	108	0	131
Fleetwood Hospital	4	5	0	9
Union Infirmary, Kirkham	0	8	0	8
Manchester Hospitals	0	0	0	0
Nursing Homes	0	15	0	15
Own Residence	3	127	0	130
Seafeld Nursing Home, Poulton	0	3	0	3
Queen's Hydro, Cleveleys	0	8	0	8
Mortuary	0	1	0	1
Unclassified	0	6	0	6
	<u>30</u>	<u>281</u>	<u>0</u>	<u>311</u>

Total mileage covered: 4,958 miles.

1943.

The two Ambulances were requisitioned on 340 occasions, 22 as the result of accidents, 309 due to illness, 8 unclassified, and 1 suicide, as follows:—

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	16	132	0	148
Fleetwood Hospital	4	4	0	8
Union Infirmary, Kirkham	0	15	0	15
Nursing Homes	0	10	0	10
Manchester Hospitals	0	2	0	2
Own Residence	2	113	0	115
Seafeld Nursing Home, Poulton	0	24	0	24
Queen's Hydro, Cleveleys	0	3	0	3
Mortuary	0	6	1	7
Unclassified	0	8	0	8
	<u>22</u>	<u>317</u>	<u>1</u>	<u>340</u>

Total mileage covered: 5,260 miles.

1944.

The two Ambulances were requisitioned on 353 occasions, 17 as the result of accidents, 321 due to illness, 13 unclassified, and 2 suicides, as follows:—

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	12	119	0	131
Fleetwood Hospital	2	6	0	8
Union Infirmary, Kirkham	0	15	0	15
Nursing Homes	0	10	0	10
Manchester Hospitals	0	0	0	0
Own Residence	2	66	0	68
Seafeld Nursing Home, Poulton	0	85	0	85
Queen's Hydro, Cleveleys	0	14	0	14
Mortuary	1	6	2	9
Unclassified	0	13	0	13
	<u>17</u>	<u>334</u>	<u>2</u>	<u>353</u>

Total mileage covered: 4,178 miles.

1945.

The two Ambulances were requisitioned on 303 occasions, 14 as the result of accidents, 276 due to illness, and 13 unclassified, as follows:—

Patients taken to	Accidents.	Illness.	Suicide.	Total.
Victoria Hospital, Blackpool ...	7	141	0	148
Fleetwood Hospital	1	2	0	3
Union Infirmary, Kirkham	0	14	0	14
Nursing Homes	0	20	0	20
Manchester Hospitals	0	1	0	1
Own Residence	6	84	0	90
Seafield Nursing Home, Poulton	0	6	0	6
Queen's Hydro, Cleveleys	0	0	0	0
Mortuary	0	6	2	8
Unclassified	0	13	0	13
	<u>14</u>	<u>287</u>	<u>2</u>	<u>303</u>

Total mileage covered: miles.

SPECIAL REPORTS.

The following special reports were submitted to the Council during the period under review.

1. Refuse Disposal December, 1941.
2. Motor Ambulance Service October, 1943.
3. Milk supply June, 1944.
4. Housing (Joint with Medical Officer of Health)
January, 1945.
5. Joint Ambulance Service February, 1945.
6. Rodent Control May, 1945
7. Movable Dwellings June, 1945.

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.

Inches per Acre.

Year.	January.	February.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total for Year.
1939	3.43	2.17	1.77	2.56	0.76	2.63	6.22	1.79	0.92	1.76	4.28	2.21	30.50
1940	2.60	1.65	3.25	1.76	1.71	0.40	2.77	1.15	2.37	3.62	4.51	3.20	28.99
1941	1.18	3.49	2.29	0.72	3.10	0.57	0.94	2.45	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

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