

[Report 1959] / Medical Officer of Health, West Lancashire R.D.C.

Contributors

West Lancashire (England). Rural District Council.

Publication/Creation

1959

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Public Health Department

ANNUAL REPORT

ON THE HEALTH OF THE

West Lancashire Rural District

DURING THE YEAR

1959



BY

J. GORDON HAILWOOD, M.D., Ch.B., M.R.C.S.,
L.R.C.P., D.P.H.

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WEST LANCASHIRE RURAL DISTRICT COUNCIL

1959

Chairman.....TOM SERGEANT
 Vice-Chairman.....Mrs. B. E. LONG

Aintree	....	....	....	....	....	Arthur Davenhill, J.P. Albert Tasker. Eric M. Hughes Norman Highet
Altcar	....	....	....	....	....	Walter H. Storey
Aughton	....	....	....	....	....	Wm. E. Rothwell. G. H. McElroy, M.A. Mrs Eva Parry
Bickerstaffe	....	....	....	....	....	James Heyes. John Stockley.
Bispham	.....	.....	.....	.....	.....	Dennis Pritchard
Downholland	....	....	....	....	....	R. Woods.
Halsall	....	....	....	....	....	John P. Cropper. A. P. Trower.
Hesketh-with-Becconsall	.....	.....	.....	.....	.....	William Cookson
Ince Blundell	....	....	....	....	....	Chas. F. Kuhl.
Lydiate	....	....	....	....	....	Miss M. J. Barnes, J.P. E. O. Thomas.
Maghull	....	....	....	....	....	Samuel H. Hudson. H. Stafford Moreton, J.P. A. W. Glenn. Mrs. W. M. Mitchell. Mrs. B. E. Long. W. E. Long. J. R. Broadbent. W. A. Brown L. H. Russell
Melling	....	....	....	....	....	Tom Sergeant.
Netherton	....	....	....	....	....	E. M. Houghton.
North Meols	....	....	....	....	....	J. Schwartzman. Miss E. Rushton.
Rufford	....	....	....	....	....	Mrs. V. A. Haigh.
Scarisbrick	....	....	....	....	....	James Sephton. G. Ainscough.
Sefton	....	....	....	....	....	James H. Ellison. Wm. Stubbs.
Simonswood	....	....	....	....	....	R. E. Gregson.
Tarleton	....	....	....	....	....	John Hunter. A. R. Lund, J.P.
Thornton	...	....	....	....	....	Ernest Letter. Reginald Phillips.

HEALTH COMMITTEE

Miss M. J. BARNES, J.P.....Chairman

Mr. R. WOODS..... Vice-Chairman

All Members of the Council

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health

J GORDON HAILWOOD, M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.

Public Health and Meat Inspectors

ROBERT W. BINGHAM, Chief Inspector

J. HAILWOOD

H. JACOBS

Housing Survey Assistant

F. PENNINGTON

Clerical Staff

Mrs. B. VOSE

All are whole-time Officials

TO THE CHAIRMAN AND MEMBERS OF THE
HEALTH COMMITTEE

Ladies and Gentlemen,

I have the honour to present my 14th Annual Report on the health of West Lancashire during the year 1959.

The general health of the residents remained satisfactory during the year. The population continued to increase steadily and is now over 50,000, namely 50,630. There was a slight increase in the number of infectious diseases, 643 being notified compared with 571 in 1958. The increase was mainly due to an outbreak of measles which had started at the end of 1958 and continued into the early months of 1959. Measles accounted for 487 of all the cases of infectious diseases. The number of cases of tuberculosis increased to 29 and there was only one case of poliomyelitis and no cases of diphtheria. A small outbreak of dysentery in December accounted for 26 of the 33 cases notified.

The birth rate was 18.5 per 1,000 population compared with 19.6 in 1958, although the actual number of births was 967 exactly the same number as in 1958, but the increase of the population of West Lancashire has caused a lower rate to be recorded. It is, however, considerably higher than the general birth rate for England and Wales which was 16.5.

The general death rate showed an increase of 12.9 per 1,000 population compared with 12.2 in the previous year. The infant mortality rate was 25.9 per 1,000 live births compared with 17.6 in the previous year. There were no maternal deaths. Although the number of deaths due to accidents remained the same as the previous year at 18 only 4 were due to road accidents while 14 were due to other accidental causes, mostly falls and burns in the home. These figures impress the need to reduce the accidents in the home just as much as the present campaign is trying to reduce the accidents on the road.

Housing conditions continued to improve, 634 new houses were built while 23 were either demolished or closed in accordance with the Housing Act as unfit for habitation. It is interesting to note that 497 houses were rendered fit by repair of defects following action by the Health Committee under the Housing of Public Health Acts.

The staff of Public Health Inspectors maintained their high standard of work, although their duties continue to increase, 3,816 inspections were made during the year, 538 nuisances were found and 493 abated.

Finally, I would thank the Chairman and Members of the Health Committee for their interest and support during the year and the members of the staff for their ready help and co-operation at all times.

I am, Ladies and Gentlemen,

Your Obedient Servant,

J. G. HAILWOOD,
Medical Officer of Health

June, 1960.

Section A

STATISTICS OF THE AREA FOR 1959

Area of the District (acres)	65,602
Population (Registrar General's Mid-1959 Estimate)	50,630
Number of inhabited houses according to Rate Books	16,144
Rateable Value	£608,263
Sum represented by a Penny Rate	£2,200

	<i>Male</i>	<i>Female</i>	<i>Total</i>
Live Births	503	464	967
Live Birth rate per 1,000 population	—	—	18.5
Illegitimate live births per cent of total live births	—	—	2.6
Still Births	7	9	16
Still birth rate per 1,000 live and still births	—	—	16.3
Total Live and Still Births	510	473	983
Deaths	285	257	542
Death rate per 1,000 population	—	—	12.9
Infant Deaths	13	12	25
Infant mortality rate per 1,000 live births	—	—	25.9
Infant mortality rate per 1,000 live births legitimate	—	—	25.9
Infant mortality rate per 1,000 live births illegitimate	—	—	—
Neo-Natal mortality rate per 1,000 live births (first four weeks)	—	—	21.7
Early Neo-natal mortality rate per 1,000 live births (first week)	—	—	18.6
Perinatal mortality rate per 1,000 live and still births (stillbirths and deaths under 1 week combined)	—	—	34.6
Maternal deaths (including abortion)	—	—	—
Maternal mortality rate per 1,000 live and still births	—	—	—

NOTES ON VITAL STATISTICS

Births

There were 967 births recorded during the year, of which 503 were male and 464 female ; and including 25 illegitimate births 14 male and 11 female. The crude birth rate was 19.1 per 1,000 population. The adjusted birth rate per 1,000 population (comparability factor 0.97) was 18.5 compared with 19.6 in 1958. The birth rate for England and Wales was 16.5.

Still Births

The number of still births during 1959 was 16, of which 7 were male and 9 female. This is equivalent to a rate of 16.3 per 1,000 live and still births. One of these births was illegitimate.

Deaths

The total number of deaths registered during 1959 was 542, an increase of 37 over the previous year.

The crude death rate was 10.7 per 1,000 population. The adjusted death rate (comparability factor 1.21) was 12.9 per 1,000 population, compared with 12.2 in 1958. The death rate for England and Wales was 11.6.

Maternal Mortality

Owing to the fact that there were no deaths connected with child-birth, the Maternal Mortality rate per 1,000 births (live and still) was Nil.

Infant Mortality

There were 25 deaths of infants under one year of age, giving an Infant Mortality rate of 25.9 per 1,000 live births, an increase on the figure for 1958 which was 17. The rate for England and Wales was 22.0.

Causes of Deaths in the West Lancashire Rural District 1959

	<i>Male</i>	<i>Female</i>
Tuberculosis of the Respiratory System	1	2
Other forms of Tuberculosis	—	—
Syphilitic Diseases	2	—
Diphtheria	—	—
Whooping Cough	—	—
Meningococcal Infections	—	—
Acute Poliomyelitis	—	—
Measles	—	—
Other infective and parasitic diseases	—	—
Cancer	47	36
Diabetes	1	2
Vascular lesions of nervous system	31	41
Heart Diseases	107	94
Influenza	7	3
Pneumonia	19	9
Bronchitis	16	6
Other diseases of respiratory system	4	3
Ulcer of stomach and duodenum	2	1
Gastritis, enteritis and diarrhoea	—	2
Nephritis and nephrosis	2	5
Hyperplasia of prostate	3	—
Pregnancy, childbirth, abortion	—	—
Congenital malformations	1	2
Other defined and ill-defined diseases	27	43
Motor vehicle accidents	4	—
All other accidents	8	6
Suicide	3	2
Homicide and operations of war	—	—
	285	257

Section B

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

HOSPITAL ACCOMMODATION

There are no General Hospitals in the District, but patients are accommodated in the Ormskirk County Hospital, which has a Maternity Block, or in the hospitals of the adjacent towns of Liverpool, Southport and Preston.

All infectious disease cases are admitted where necessary to the Fazakerley Isolation Hospital, Liverpool, or to the New Hall Isolation Hospital, Scarisbrick.

AMBULANCE

Ambulance Services are provided by the Lancashire County Council from Stations at Burscough, Crosby, Formby and Maghull. In general, an ambulance can reach any part of the Rural District within 15 minutes.

SUMMARY OF ADMISSIONS TO HOSPITAL OF INFECTIOUS DISEASES FROM THE WEST LANCASHIRE RURAL DISTRICT DURING THE YEAR 1959

Admissions from West Lancashire :—

Poliomyelitis	....	....	....	....	....	1
Pneumonia	....	....	....	....	....	1
Meningococcal Infection	....	....	....	....	....	2
Measles	....	....	....	....	....	1
Dysentery	....	....	....	....	....	7
Ophthalmia Neonatorum	....	....	....	....	....	1
						—
						13
						—

These admissions were from the following Townships :—

Aintree	....	....	One case of Poliomyelitis
Aughton	....	....	One case of Measles
Lydiate	....	....	One case of Ophthalmia Neonatorum
Maghull	....	....	One case of Meningococcal Infection One case of Dysentery
Melling	....	....	One case of Meningococcal Infection
North Meols	....	....	Five cases of Dysentery
Scarisbrick	....	....	One case of Dysentery
Thornton	....	....	One case of Pneumonia

DISINFECTION

Disinfection of bedding and clothing is carried out by steam disinfection at either Crosby or Southport by arrangement with these Local Authorities. The articles are carried in a van owned by the West Lancashire R.D.C. and the service is also carried out for Ormskirk U.D.C. on a percentage of costs basis.

DETAILS OF WORK CARRIED OUT

West Lancashire R.D.C.

					<i>Disinfections</i>	<i>Disinfestations</i>
Journeys	....	....	....	....	27	16
Rooms sprayed	....	....	....	....	80	17
Houses	....	....	....	....	23	6
Articles taken for disinfection	....	....	....	....	20	—

Other Journeys

Drain clearing	....	....	....	....	92	
Removal of condemned food	....	....	....	....	4	

Ormskirk U.D.C.

					<i>Disinfections</i>	<i>Disinfestations</i>
Journeys	....	....	....	....	12	4
Rooms sprayed	....	....	....	....	35	16
Houses	....	....	....	....	4	3
Articles taken for disinfection	....	....	....	....	24	—

BIRTHS AND DEATHS IN TOWNSHIPS

The following table shows the population, number of births and deaths, and the rate per 1,000 in each township in the Rural District for the year 1959 :—

TOWNSHIP	Estimated Population middle of 1959	BIRTHS		DEATHS	
		No. of Births	Rate per 1,000	No. of Deaths	Rate per 1,000
Aintree	6,561	180	27.4	43	6.5
Altcar	1,317	1	.75	4	3.03
Aughton	4,544	58	12.7	54	11.8
Bickerstaffe	1,356	20	14.7	19	14.01
Bispham	214	2	9.3	4	18.6
Downholland	761	5	6.5	11	14.4
Halsall	2,049	27	13.1	24	11.7
Hesketh Bank	1,848	26	14.06	27	14.6
Ince Blundell	428	3	7	8	18.6
Lydiate	4,096	115	28.07	22	5.3
Maghull	13,725	296	21.5	139	10.1
Melling	1,358	26	19.1	15	11.04
Netherton	344	3	8.7	3	8.7
North Meols	2,497	36	14.4	37	14.8
Rufford	1,255	21	16.7	20	15.9
Scarisbrick	2,913	30	10.2	49	16.8
Sefton	443	9	20.3	6	13.5
Simonswood	246	5	20.3	1	4.06
Tarleton	2,872	45	15.6	32	11.1
Thornton	1,803	59	32.7	24	13.3
Whole District	50,630	967	19.1	542	10.7

DISTRICT NURSES WORKING IN THE DISTRICT

- Miss A. Vidler, "Rowallan," Park Drive, Blundellsands. Tel. No. Gt. Crosby 1251.
 Mr. W. Bushell, 94, Park Lane, Netherton. Tel. No. Aintree 1255.
 Miss M. Hutchinson, 2, Glenholme Road, Maghull. Tel. No. Maghull 1828.
 Mrs. A. Hooton, 5, Whalley Drive, Aughton. Tel. No. Aughton Green 3277.
 Miss W. Schofield, "Lyndeth," Waddicar Lane, Melling. Tel. No. Kirkby 2149.
 Mrs. A. Ashurst, 290, Southport Road, Scarisbrick. Tel. No. Scarisbrick 218.
 Mrs. K. Slater, 82, Station Road, Banks. Tel. No. Southport 87914.
 Mrs. O. Trafford, 10, Bellair Avenue, Great Crosby. Tel. No. Gt. Crosby 3770.
 Miss M. Catterall, "Burnside," Gorse Lane, Tarleton. Tel. No. Hesketh Bank 580.
 Mrs. B. Stephens, 21, Buckingham Road, Maghull. Tel. No. Maghull 2960.
 Mrs. L. Bishop, "Quarry House," Southport Road, Scarisbrick. Tel. No. Halsall 336.
 Miss N. Ball, 214, Liverpool Road, South, Burscough. Tel. No. Burscough 3356.

MIDWIVES RESIDENT IN THE DISTRICT

- Mrs. E. Bibby, 160 Northway, Maghull.
 Tel. No. Maghull 428 S.C.M.
 Miss M. Jones, 26, Mayfayre Avenue, Lydiate.
 Tel. No. Lydiate 3186 S.C.M., S.R.N.
 Mrs. P. D. Loyden, 20 Smithy Lane, Holmeswood, Rufford
 Tel. No. Rufford 339 S.C.M., S.R.N.
 Mrs. M. N. Yates, "Parkside," Mickering Lane, Aughton
 Tel. No. Aughton Green 2136 S.C.M., S.R.N.

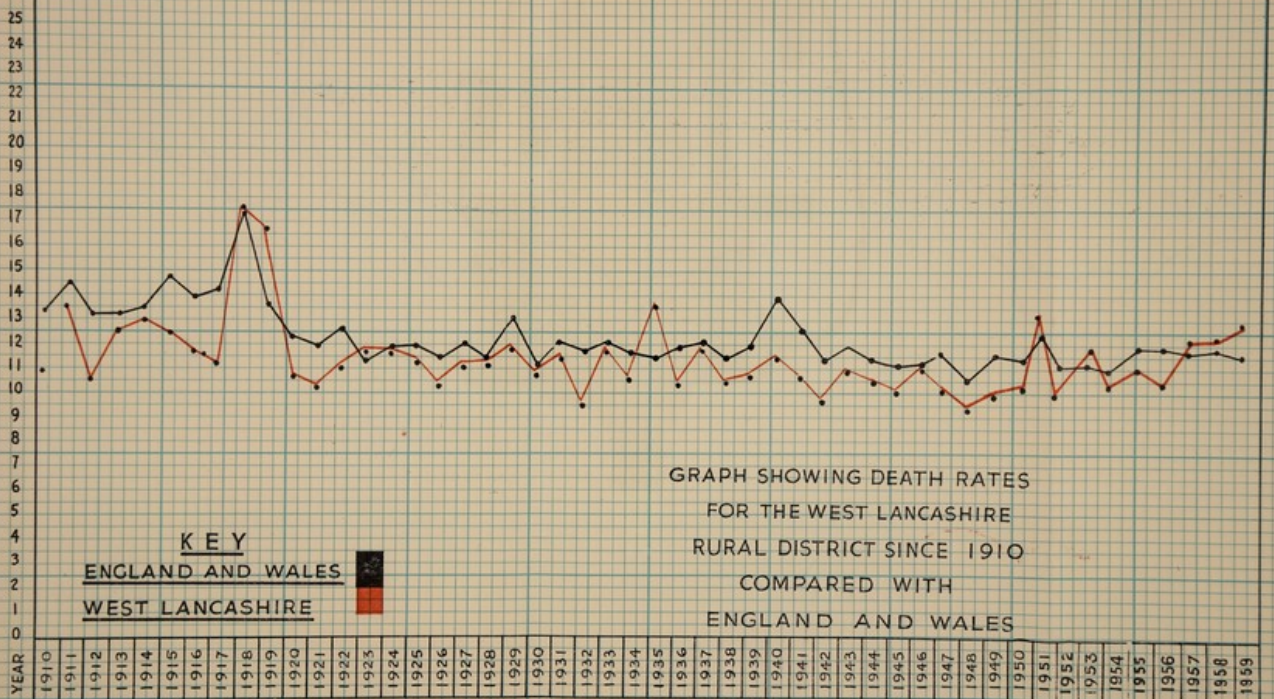
SCHOOL CLINICS

Litherland Clinics—

SEFTON ROAD

Monday	....	...9-30—12 a.m.	Dental.
		2-00—4 p.m.	Dental.
Tuesday	....	...9-30—12 a.m.	Minor Ailments.
		9-30—12 a.m.	Dental.
Wednesday	....	...9-30—12 a.m.	Dental.
		2-00—4 p.m.	Child Welfare.
Thursday	....	...9-30—12 a.m.	Ophthalmic.
		...9-30—12 a.m.	Dental
		...2-00— 4 p.m.	Dental
		...2-00— 4 p.m.	Ante-natal Clinic
Friday	....	...9-30—12 a.m.	Minor Ailments.

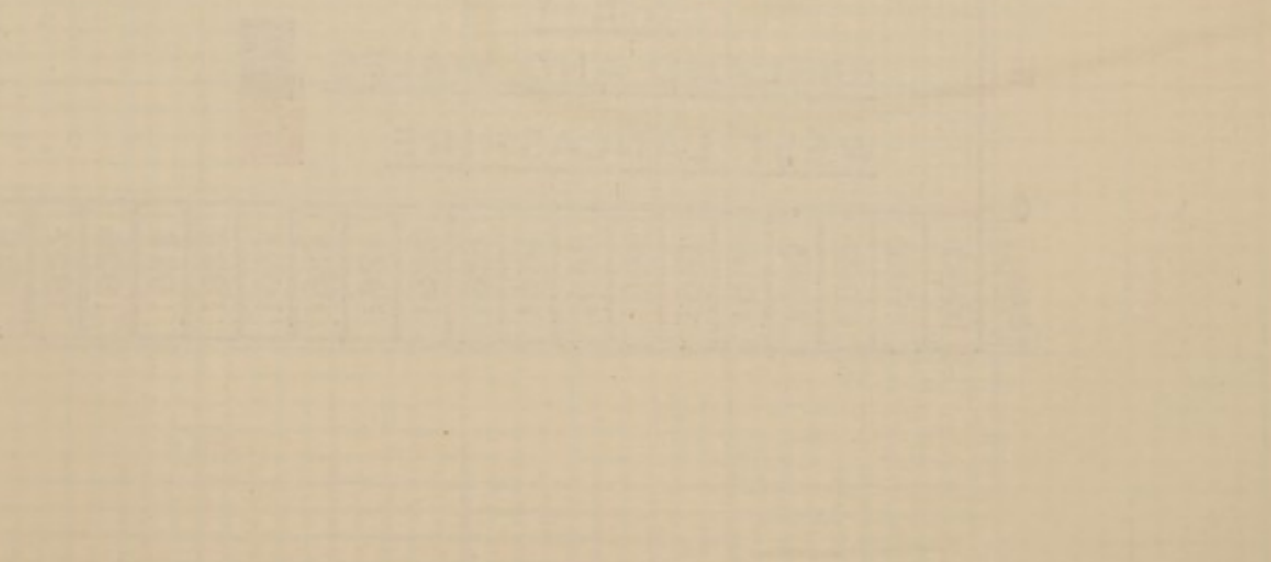
DEATH RATE



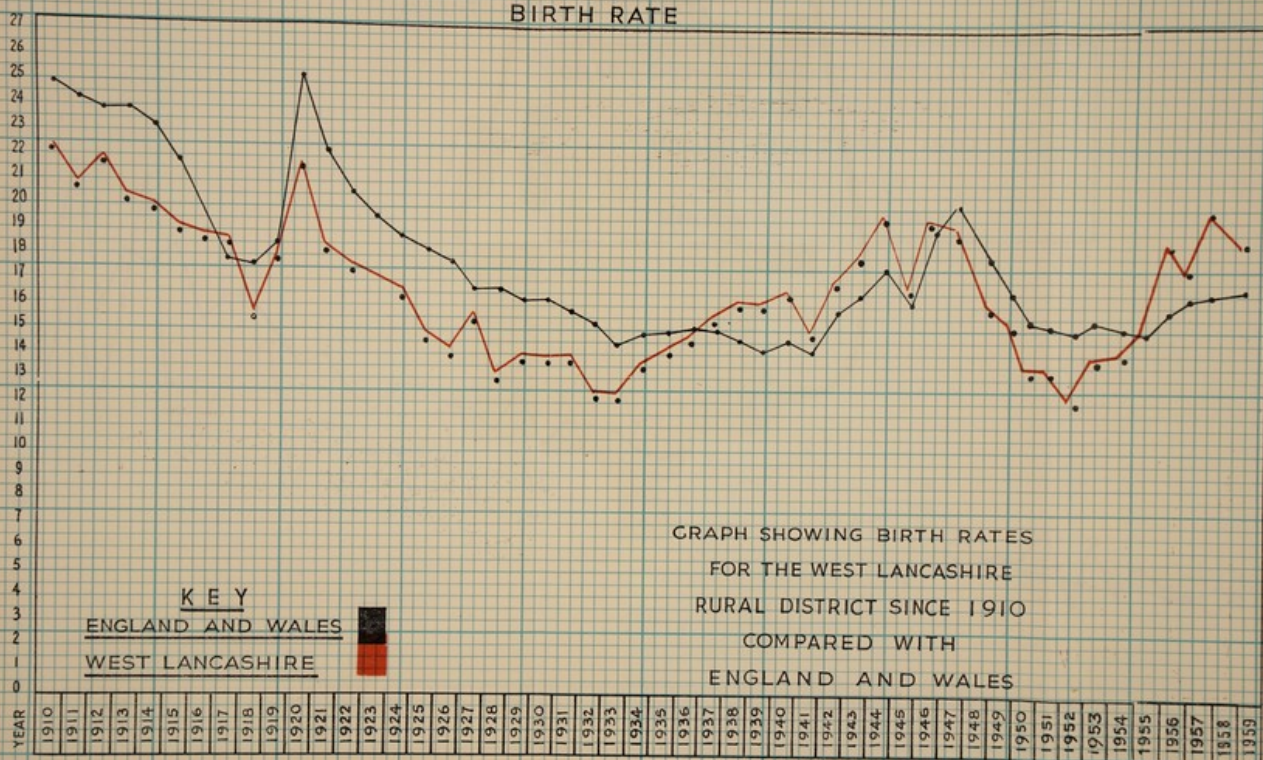
1917



1918

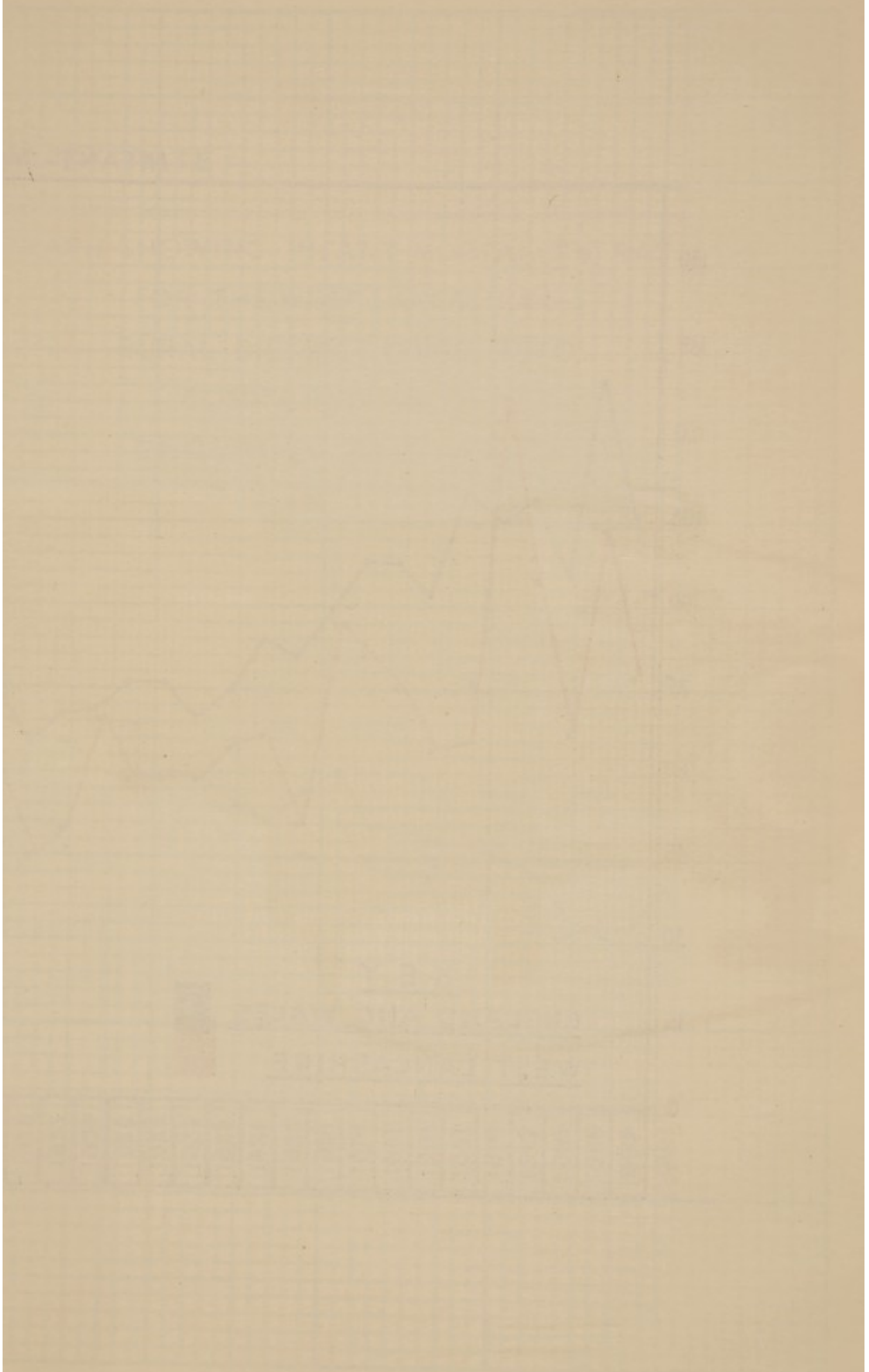


BIRTH RATE



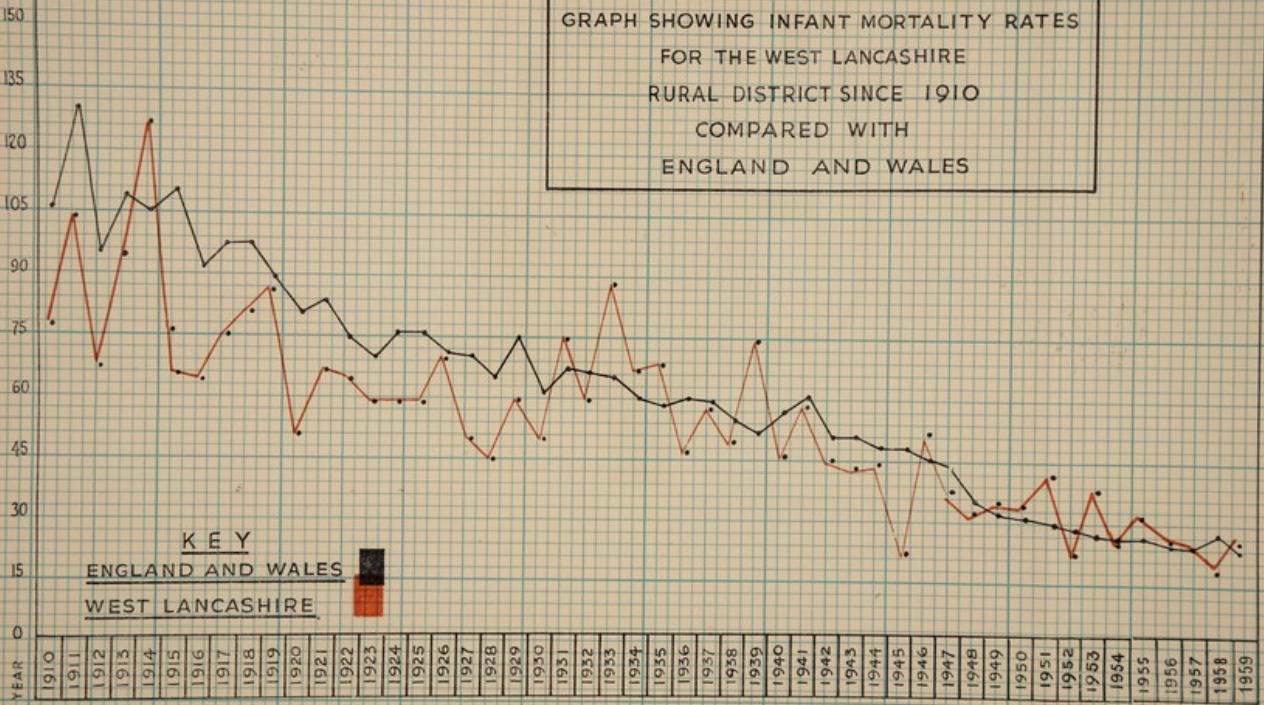
GRAPH SHOWING BIRTH RATES
FOR THE WEST LANCASHIRE
RURAL DISTRICT SINCE 1910
COMPARED WITH
ENGLAND AND WALES

KEY
ENGLAND AND WALES
WEST LANCASHIRE



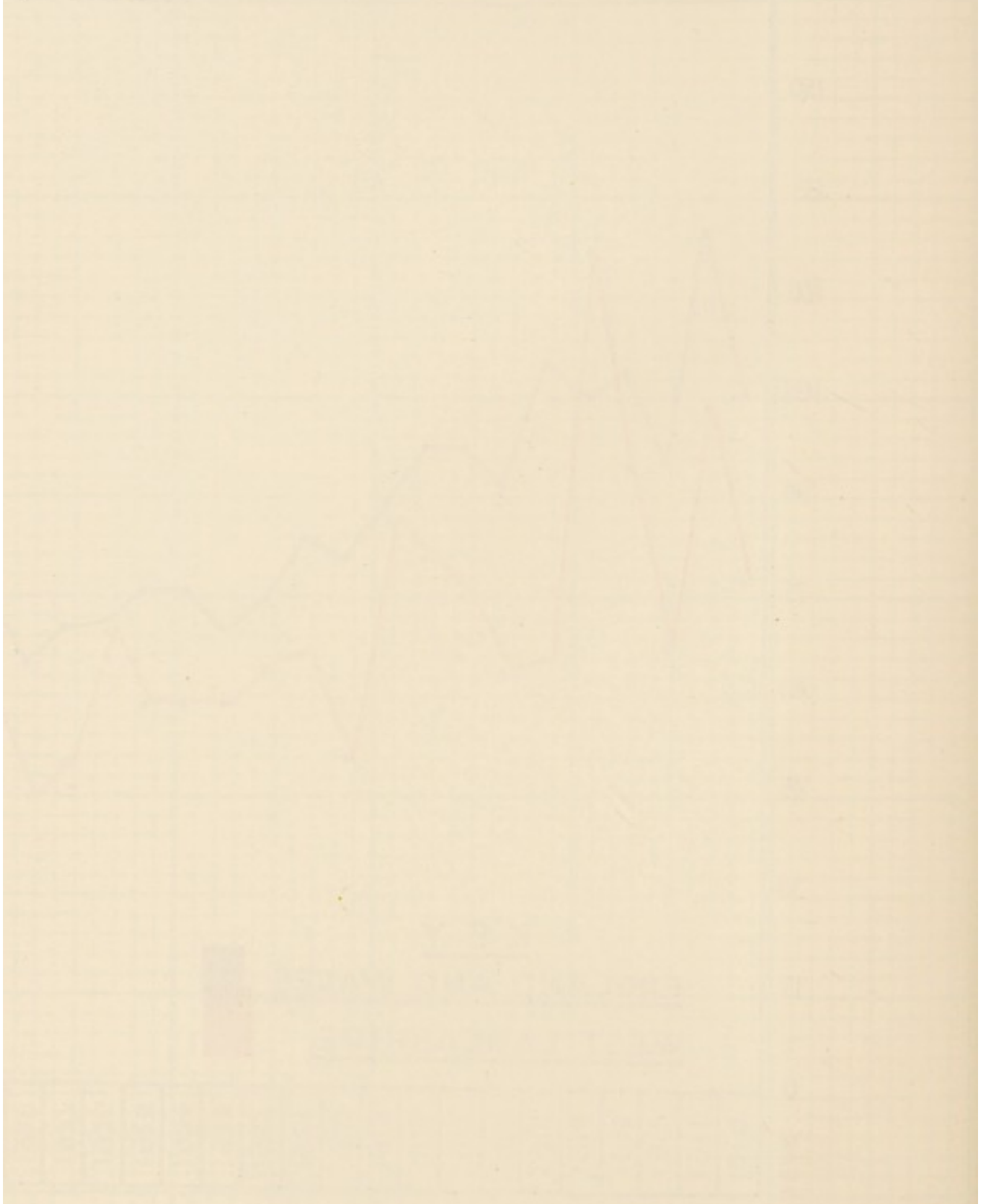
INFANT MORTALITY RATE

GRAPH SHOWING INFANT MORTALITY RATES FOR THE WEST LANCASHIRE RURAL DISTRICT SINCE 1910 COMPARED WITH ENGLAND AND WALES



KEY
 ENGLAND AND WALES
 WEST LANCASHIRE

1912



1912

1913

1914

SEFTON AVENUE

Monday	....2-00—4 p.m.	Child Welfare Centre.
Thursday	....9-30—12 a.m.	Orthopaedic Clinic.
Friday	....9-30—12 a.m.	Speech Therapy
	2-00—4 p.m.	„ „

MAGHULL CLINIC, NORTHWAY

Monday	....9-30—12 a.m.	Minor Ailments.
	a.m. & p.m.	Dental.
Tuesday	....a.m. & p.m.	Dental.
Thursday	....2-00—4 p.m.	Child Welfare Centre.
	a.m. & p.m.	Dental.
Friday	....9-30—12 a.m.	Minor Ailments.
	a.m. & p.m.	Dental.

ORMSKIRK CLINIC, GENERAL HOSPITAL

Monday	....9-30—12 a.m.	Minor Ailments.
	2-00—4 p.m.	Child Welfare Centre.
	a.m. & p.m.	Orthopaedic.
Tuesday	....9-30—12 a.m.	Dental.
	2-00—4 p.m.	Dental.
Wednesday	....p.m.	Minor Ailments.
Friday	....9-30—12 a.m.	Ante-natal.
	a.m. & p.m.	Dental.

LATHOM AND BURSCOUGH, OLD COUNCIL OFFICES, BURSCOUGH

Thursday2-00—4 p.m.	Child Welfare Centre.
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JUBILEE HALL, AINTREE

Monday2-00—4 p.m.	Child Welfare Centre.
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POST OFFICE, SCARISBRICK

Monday2-00—4 p.m.	Child Welfare Centre.
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FIRE STATION, TARLETON

Tuesday2-00—4 p.m.	Child Welfare Centre.	Alternate weeks.
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METHODIST CHURCH HALL, LYDIATE

Wednesday2-00—4 p.m.	Child Welfare Centre.	Alternate weeks.
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The following is a list of Schools in the District :—

Division No.	SCHOOL	School No.	No. of children normally resident in the District attending the school
4	Hesketh-with-Becconsall C.E.	28	85 infants and juniors
4	North Meols, Banks Methodist	24	150 infants and mixed
4	North Meols, St. Stephen's	25	101 infants and mixed
4	Tarleton Mere Brow C.E.	26	29 infants and mixed
4	Tarleton County	31	242 infants, juniors and seniors
4	Tarleton C.E.....	27	143 infants and juniors
11	Halsall C.E.	26	202 juniors and seniors
11	Haskayne C.E.	25	50 infants and juniors
11	Bickerstaffe C.E.	13	105 infants and juniors
11	Maghull C.E.	16	530 infants and juniors
11	Maghull County Secondary	102	464 seniors
11	Magull Deyes Lane County Secondary....	100	283 seniors
11	Maghull, St. George's R.C.	17	240 infants and mixed
11	Maghull Hudson	32	364 infants and juniors
11	Maghull Grammar	131	568 seniors
11	Melling-Aughton R.C.	14	56 infants and juniors
11	Melling C.E.	15	92 infants and juniors
11	Scarisbrick St. Mark's C.E.....	27	34 infants and juniors
11	Scarisbrick St. Mary's R.C.	28	73 infants and mixed
11	Scarisbrick County	29	63 infants and juniors
11	Aughton Christ Church	20	137 infants and mixed
11	Aughton Parochial	21	150 infants and juniors
11	Lydiat R.C.	19	61 infants and mixed
11	Lydiat C.E.	18	56 infants and mixed
11	Lydiat County Primary	33	502 juniors and seniors
11	Rufford C.E.	22	106 infants and mixed
11	Holmeswood Methodist	23	40 infants and juniors
11	Bispham Durning's Endowed Primary	24	60 infants and mixed
11	Aintree Davenhill County	31	408 infants and mixed
12	Ince Blundell R.C.	26	27 infants and mixed
12	Sefton County Primary	27	43 infants and mixed
12	Netherton St. Benet's R.C.	28	318 infants and mixed
12	Thornton County Primary	9	337 infants and mixed

SCHOOL HYGIENE

Necessary improvements are being carried out. It is satisfactory to record that at last attention is being paid to the conversion of out-of-date toilet arrangements to water-carriage systems.

The health of the school child has, however, remained good and no large numbers of infectious diseases have occurred.

THE IMPROVEMENTS CARRIED OUT ARE :—

AINTREE DAVENHILL COUNTY

An additional classroom in the process of being built.

AUGHTON PAROCHIAL

Improved heating system installed.

BICKERSTAFFE C.E.

New heating system installed.

New W.C's installed but not yet in use.

BISPHAM DURNINGS ENDOWED

Food kitchen provided.

HASKAYNE C.E.

Interior decorated throughout.

LYDIATE COUNTY

New infant extension being built.

LYDIATE R.C.

Roof repairs and walls pointed.

MAGHULL DEYES LANE COUNTY SECONDARY

Re-flooring of hall.

Repairs to school yard surface.

New drinking fountains provided.

MAGHULL C.E.

Erection of new infant block comprising classroom accommodation, toilet facilities and self contained kitchen and dining room.

MELLING C.E.

Repainting of outside and re-decorating throughout inside.

ST. BENET'S R.C.

Erection of four new temporary classrooms.

NORTH MEOLS BANKS METHODIST

New heating system installed.

New floor in classroom.

New urinals.

RUFFORD C.E.

New floor in one classroom.

SCARISBRICK COUNTY

Improved heating system.

SCARISBRICK ST. MARKS C.E.

New meals kitchen now being built.

MERE BROW C.E.

Floors repaired.

THE FOLLOWING IMPROVEMENTS AND REPAIRS ARE
REQUIRED :—

AUGHTON CHRIST CHURCH

Improvements to kitchen.

AUGHTON PAROCHIAL

Paving of playground.

BICKERSTAFFE C.E.

School Canteen required.

HALSALL C.E.

Repairs to roof.

HASKAYNE C.E.

Meals kitchen required.

HESKETH-WITH-BECCONSALL C.E.

Conversion of pail closets to water closets.

LYDIATE R.C.

Conversion of pail closets to water closets.

MELLING C.E.

Kitchen and dining room required.

MELLING R.C.

New toilets required.

ST. STEPHENS NORTH MEOLS

Conversion of pail closets to water closets.

Surfacing of playground.

RUFFORD C.E.

Increased classroom accommodation.

RUFFORD HOLMESWOOD METHODIST

Extension of cloakroom accommodation.

SCARISBRICK ST. MARY'S R.C.

Improvements required in toilet arrangements.

Provision of hot water to wash basins.

TARLETON C.E.

Hot water supply to cloakrooms required.

Section C

PREVALANCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

SCARLET FEVER

Thirty-seven cases of Scarlet Fever were notified during the year. All cases were of a mild type and it was not found necessary to remove any of them to hospital. The general policy is to remove to hospital such cases of Scarlet Fever as are living under overcrowded conditions, or in such circumstances that they become conveyors of infection through inefficient isolation.

The following table shows the incidence and mortality from Scarlet Fever during the past ten years :—

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
CASES	63	18	52	56	15	31	11	33	60	37
DEATHS	—	—	—	—	—	—	—	—	—	—

MEASLES

During the year 487 cases of Measles were notified.

This was an increase on the figure for 1958.

The following table indicates the incidence and fatality of this disease during the past ten years :—

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
CASES	254	581	233	431	126	296	386	311	403	487
DEATHS	—	—	—	—	—	—	—	—	—	—

WHOOPING COUGH

Forty-four cases of Whooping Cough were notified during the year, compared with 19 in 1958 and 65 in 1957

ACUTE PNEUMONIA

Seven cases of Acute Pneumonia were notified during 1959. Deaths from Acute Pneumonia number three.

There are no facilities locally for the typing of pneumococci and for the provision of appropriate type sera, such work being of necessity performed in one of the large towns adjacent to the District.

POLIOMYELITIS

One case of Poliomyelitis was notified during the year. There were no deaths from this disease.

FOOD POISONING

There were no cases of Food Poisoning notified during the year, neither were any deaths recorded.

DYSENTERY

An outbreak of dysentery occurred at a Scarisbrick School during December. Upon receipt of notification of several children being absent from school with diarrhoea, stool specimens were obtained from the sick children, the school staff including kitchen workers, and the occupants of a nearby sweet shop.

The Public Health Laboratory Service at Liverpool isolated *Shigella Sonnei* in the stools of the children, one of the kitchen staff who assisted in the preparation of the school meals, and two occupants of the shop who served sweets to the children.

In all 42 people were involved, 38 of whom were school children.

Three consecutive negative stools were obtained from each patient before being allowed to resume work and school attendance, and a period of three months elapsed before the outbreak was finally cleared up.

TUBERCULOSIS

Summary of notifications under the Public Health (Tuberculosis Regulations 1930) received during 1959.

Age Periods Years	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
1—5	—	1	—	—	—	—	—	—
5—10	—	1	—	—	—	—	—	—
10—15	—	1	—	—	—	—	—	—
15—20	4	1	—	—	—	—	—	—
20—25	2	2	—	—	—	—	—	—
25—35	3	3	—	—	—	—	—	—
35—45	1	3	—	—	—	1	—	—
45—55	3	—	—	—	—	—	—	—
55—65	1	1	—	—	1	1	—	—
65 and upwards	2	—	—	—	—	—	—	—
Totals	16	13	—	—	1	2	—	—
	29		—		3		—	

CHEST CLINICS

“ELLESMERE,” CROSBY ROAD NORTH, WATERLOO

Sessions are held on Mondays and Wednesdays at 2 p.m., and 9—12 a.m. on Thursdays.

A Children's Clinic is held at 9 a.m. to 1 p.m. on Tuesdays, and a B.C.G. Clinic on Fridays at 9 a.m.

Dr. J. H. Gifford is the Tuberculosis Physician for the area.

CHEST CLINIC, COUNTY HOSPITAL, ORMSKIRK

Sessions are held on Tuesdays at 9—12 a.m. and 1-30—5 p.m., and on Thursdays at 1-30—5 p.m. Dr. D. N. Leeming and Dr. Mary Foley are the Tuberculosis Physicians in attendance.

One Tuberculosis Health Visitor attends the Clinics and follows up patients in their own homes.

A Pulmonary Hospital is situated at New Hall, Scarisbrick.

The number of cases of Pulmonary Tuberculosis shows an increase of nine over the previous year.

The following table is an analysis of the occupations of the 29 new cases of Tuberculosis notified during 1959 :—

Occupation	Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female
Under 5 years	—	1	—	—
Paint Sprayer	1	—	—	—
Apprentice Marine Engineer	1	—	—	—
Schoolchildren	1	2	—	—
Occupation unknown	2	2	—	—
Bank Clerk	—	1	—	—
Housewives	—	6	—	—
Merchant Seaman	1	—	—	—
Pharmacist	1	—	—	—
Clerk	1	1	—	—
Engineer	2	—	—	—
Waiter (Shipping Line)	1	—	—	—
Farmer/Labourer	1	—	—	—
Bus Conductor	1	—	—	—
Apprentice Electrician	1	—	—	—
Labourer	1	—	—	—
Customs Officer	1	—	—	—
TOTAL	16	13	—	—

In 29 houses inspected during the year by reason of tuberculosis inmates, 8 slept in separate bedrooms, 8 in separate beds, and in 13 cases the patients did not have separate beds.

DIPHTHERIA

It is satisfactory to be able to report that no cases of Diphtheria occurred in the Rural District during the year. There is no doubt that this is due to the energetic policy of Immunisation which has been carried out over the last ten years.

Central Clinics are held at certain of the schools in the Rural District where children from the neighbouring schools attend for immunisation treatment, together with pre-school children from the surrounding districts. In addition, monthly clinics are held at the Clinic, Ormskirk General Hospital, Aintree Clinic, Maghull Clinic, Lydiat Clinic, Scarisbrick Clinic and Tarleton Clinic.

DIPHTHERIA IN THE WEST LANCASHIRE RURAL DISTRICT 1950-1959

	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
CASES	—	1	—	—	—	—	—	—	—	—
DEATHS	—	—	—	—	—	—	—	—	—	—

DIPHTHERIA IMMUNISATION

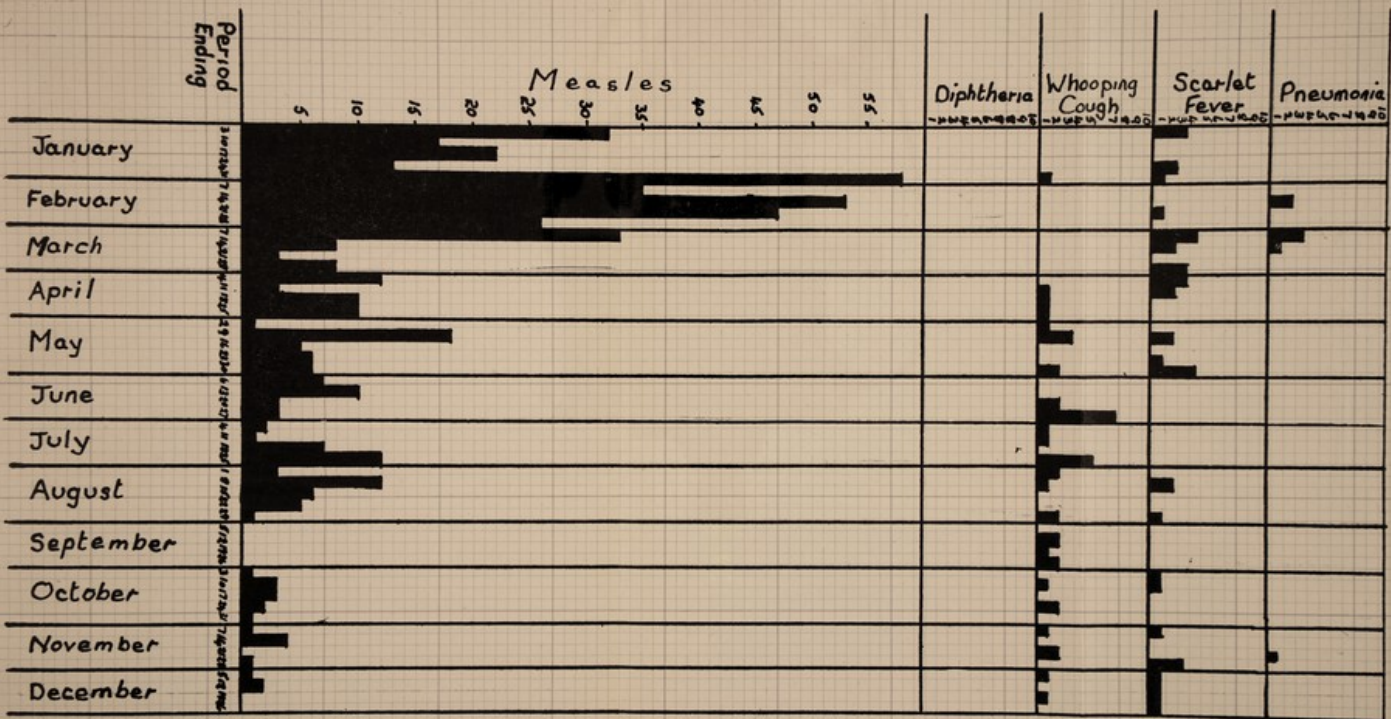
The number of children who have completed a full course of Immunisation during the year ending 31st December, 1959 is as follows :—

Children between the ages 0-4 years—775, and children between the ages 5-14 years—14, making a total of 789.

DIPHTHERIA INCIDENCE DURING 30 YEARS

5 Year Periods	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & up	TOTAL at all ages
1926-1930	1	3	5	3	9	57	31	13	17	3	2	1	145
1931-1935	—	3	3	3	3	25	28	19	15	5	—	1	105
1936-1940	—	—	4	9	6	48	27	13	18	3	1	—	129
1941-1945	2	1	2	5	10	30	10	8	15	3	3	—	89
1946-1950	1	—	3	1	1	6	8	2	2	3	—	—	27
1951-1955	—	1	—	—	—	—	—	—	—	—	—	—	1
1956	—	—	—	—	—	—	—	—	—	—	—	—	—
1957	—	—	—	—	—	—	—	—	—	—	—	—	—
1958	—	—	—	—	—	—	—	—	—	—	—	—	—
1959	—	—	—	—	—	—	—	—	—	—	—	—	—

WEEKLY INCIDENCE OF INFECTIOUS DISEASES IN THE WEST
 LANCASTHIRE RURAL DISTRICT DURING 1959



DIPHTHERIA

Number of persons, in age groups, completely immunised, or found to be Schick Negative.

Age	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	Total un- der 5 yrs. at end of 1959 2,790
Under 1 Year	30	22	17	25	85	58	192	171	241	196	206	218	259	360	488	550	647	
1 Year	203	181	205	175	186	293	173	163	145	119	155	160	158	106	105	101	93	
2 "	71	47	76	36	34	51	22	27	24	20	40	36	37	21	24	10	22	
3 "	55	17	23	23	28	24	10	30	16	10	18	22	18	14	6	12	5	
4 "	63	26	13	16	17	19	10	19	13	10	23	15	18	22	11	2	8	
5 "	139	87	28	24	33	26	13	29	24	21	47	35	39	85	18	8	6	
6 "	90	51	19	13	17	41	9	27	13	19	44	39	31	98	14	3	4	Total un- der 10 yrs. at end of 1959 2,352
7 "	51	9	11	12	11	5	7	16	9	7	29	17	10	61	3	1	1	
8 "	52	14	5	7	12	5	8	13	5	6	17	19	10	37	4	2	—	
9 "	31	7	6	5	11	4	9	7	2	9	10	6	5	33	1	1	1	
10 "	29	9	3	1	11	3	2	3	1	4	12	9	4	31	1	1	2	
11 "	36	3	7	4	3	2	3	10	3	3	3	5	4	40	1	1	—	Total un- der 15 yrs. at end of 1959 2,333
12 "	28	3	3	1	2	2	1	4	1	—	11	1	6	27	2	—	—	
13 "	14	5	2	4	1	—	1	7	—	—	7	—	1	15	—	1	—	
14 "	—	2	—	—	1	—	—	1	—	—	6	—	2	6	—	1	—	
15 yrs. & over	—	—	2	—	1	—	1	4	1	—	2	—	1	5	1	—	1	Total over 15 yrs. at end of 1959-2,505
TOTAL	892	483	420	346	453	533	461	531	498	424	630	582	603	961	679	694	790	

The total number of children under 15 years now fully immunised 7,475

The following table shows the number, monthly distribution and nature of cases of Infectious Diseases coming under the notice of the Medical Officer of Health during 1959

	January	February	March	April	May	June	July	August	September	October	November	December	Total	Removed to Hospital
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	4	1	9	2	7	—	—	3	—	2	4	5	37	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	1	—	2	—
Erysipelas	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis—	—	—	—	—	—	—	—	—	—	1	—	—	1	1
Paralytic	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Non-Paralytic	—	2	4	—	—	—	—	—	—	—	1	—	7	1
Acute Pneumonia	—	—	2	—	—	—	—	—	—	—	—	—	2	2
Meningococcal Infection	125	160	50	35	30	22	21	25	—	10	6	3	487	1
Measles	1	—	—	3	6	9	7	5	5	3	3	2	44	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Dysentery	5	—	—	—	—	—	—	—	—	1	—	26	33	7
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	—	—	—	—	1	—	—	—	—	—	—	—	1	1
Monthly Totals	136	163	65	40	44	31	29	33	5	17	15	36	614	13

Table showing the number of Infectious Diseases occurring during the year in each Township in the Rural District and the number of deaths

	Acute Pneumonia		Scarlet Fever		Diphtheria		Enteric Fever		Para-typhoid Fever		Whooping Cough		Measles		Erysipelas		Puerperal Pyrexia		Poliomylitis		Dysentery		Food Poisoning		Ophthalmia Neonatorum		Meningococcal Infection		Tuberculosis		TOTALS		
	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D	C	D			
Aintree	-	-	7	-	-	-	-	-	-	-	3	-	85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	1	108	1
Altcar	-	-	1	-	-	-	-	-	-	-	5	-	44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	51	-	
Aughton	1	-	7	-	-	-	-	-	-	-	10	-	57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	77	-		
Bickerstaffe	-	-	-	-	-	-	-	-	-	-	3	-	24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	27	-		
Bispham	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Downholland	-	-	1	-	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-		
Halsall	1	-	8	-	-	-	-	-	-	-	2	-	40	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	53	-		
Hesketh Bank	1	1	-	-	-	-	-	-	-	-	3	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1		
Ince Blundell	-	-	-	-	-	-	-	-	-	-	3	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	-		
Lydiate	-	-	3	-	-	-	-	-	-	-	3	-	16	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	22	-		
Maghull	3	1	5	-	-	-	-	-	-	-	3	-	69	-	1	-	-	-	-	-	-	1	-	-	-	-	-	7	1	90	2		
Mellington	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-		
Netherton	-	-	-	-	-	-	-	-	-	-	3	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-		
North Meols	-	-	2	-	-	-	-	-	-	-	4	-	40	-	-	-	-	-	-	-	-	5	-	-	-	-	-	1	-	51	1		
Rufford	-	-	1	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	22	-	-	-	-	-	2	-	56	-		
Scarisbrick	-	-	-	-	-	-	-	-	-	-	-	-	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	4	-		
Sefton	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-		
Simonswood	-	-	-	-	-	-	-	-	-	-	1	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-		
Tarleton	-	-	-	-	-	-	-	-	-	-	5	-	23	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	29	-		
Thornton	1	1	2	-	-	-	-	-	-	-	-	-	7	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	12	1		
Totals	7	3	37	-	-	-	-	-	-	-	44	-	487	-	2	-	-	-	-	-	1	-	-	-	-	-	-	29	3	643	6		

NOTIFIABLE DISEASES DURING THE YEAR 1959

NOTIFIABLE DISEASES	Total Cases at all Ages	TOTAL CASES NOTIFIED											Total Deaths	HOSPITAL			
		Under one Year	YEARS									65 & over		Total Cases removed to Hospital	Deaths in Hospital of persons belonging to District		
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45					45-65	
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	37	1	3	3	4	20	5	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Para-Typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Pyrexia	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Pneumonia	7	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—
Meningococcal Infection	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	487	37	61	64	56	242	8	—	2	—	—	—	—	—	—	—	—
Whooping Cough	44	3	4	4	6	22	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	33	—	—	1	—	23	3	1	3	—	—	—	—	—	—	—	—
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pulmonary Tuberculosis	29	—	1	—	—	1	1	5	10	4	—	—	—	—	—	—	—
Non-Pulmonary Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Totals	643	21	44	69	73	309	18	6	17	7	9	4	6	33	6	2	

Section D
REPORT OF CHIEF PUBLIC HEALTH INSPECTOR
SANITARY CIRCUMSTANCES OF THE AREA
WATER SUPPLY

The following table summarises the water supply in the Rural District for the year ending 31st December, 1959.

SUMMARY OF WATER SUPPLIES FOR THE YEAR ENDING 31st DECEMBER, 1959.

PARISHES	SUPPLIED FROM PUBLIC MAINS									Other Supplies			Total Number of houses and Percentages	
	Upholland Urban District Council	Chorley Rural District Council	Wigan Rural District Council	Liverpool Corporation	Ormskirk Urban District Council	St. Helens Corporation	Preston Corporation	Southport & Dist. Water Board	TOTALS	Wells, Rainwater Tanks, etc.	Increase	Decrease	TOTAL NUMBER OF HOUSES	Percentages
Aintree	—	—	—	2146	—	—	—	—	2146	—	—	—	2146	100.0
Altcar	—	—	—	—	—	—	—	430	430	1	—	—	431	99.7
Aughton	—	—	—	—	—	2	—	1499	1501	2	—	1	1503	99.8
Bickerstaffe	6	—	—	5	—	1	—	415	427	3	—	—	430	99.3
Bispham	—	2	69	—	1	—	—	—	72	—	—	—	72	100.0
Downholland	—	—	—	—	—	—	—	272	272	4	—	—	276	98.5
Halsall	—	—	—	—	—	—	—	678	678	5	—	1	683	99.2
Hesketh Bank	—	—	—	—	—	—	—	612	612	—	—	—	612	100.0
Ince Blundell	—	—	—	126	—	—	—	12	138	2	—	—	140	98.5
Lydiate	—	—	—	—	—	—	—	1357	1357	7	—	—	1364	99.4
Maghull	—	—	—	—	—	7	—	4517	4524	2	—	—	4526	99.9
Melling	—	—	—	—	—	436	—	—	436	1	—	—	437	99.8
Netherton	—	—	—	101	—	—	—	—	101	—	—	—	101	100.0
North Meols	—	—	—	—	—	—	6	799	805	3	—	4	808	99.6
Rufford	—	—	—	—	409	—	—	—	409	—	—	1	409	100.0
Scarisbrick	—	—	—	—	6	—	—	888	894	9	—	—	903	99.0
Sefton	—	—	—	138	—	—	—	—	138	—	—	—	138	100.0
Simonswood	—	—	—	1	—	64	—	—	65	1	—	—	66	98.4
Tarleton	—	—	—	—	2	—	958	—	960	3	—	—	963	99.6
Thornton	—	—	—	606	—	—	—	—	606	—	—	—	606	100.0
TOTALS	6	2	69	3123	418	510	1676	10867	16571	43	—	7	16614	99.74

BACTERIOLOGICAL EXAMINATION OF WATER

Main Supplies

Regular samples of all mains water supplies are taken by the Water Authorities throughout the year to ensure the purity of the supply. All samples during 1959 showed a pure and satisfactory water for human consumption.

Other Supplies

Samples of water have been taken from wells and other local sources of water from time to time. Where these samples on bacteriological examination have proved to be unsatisfactory for human consumption the householder has been advised, and action has been taken to require an alternative supply of water to be provided.

1959—SEWERAGE AND SEWAGE DISPOSAL

The following conversions have been effected during the year :—

Privies to Water Closets	....	....	....	14
Pails to Water Closets	....	....	....	25
Privies to Pails	....	....	....	36

SUMMARY OF CONVERSIONS FOR THE YEARS 1950-1959.

Year	Privies to Water Closets	Pails to Water Closets	Privies to Pails	Ashpits to Bins
1950	40	2	29	71
1951	26	24	3	47
1952	27	15	10	52
1953	3	6	2	11
1954	14	34	4	52
1955	15	51	6	72
1956	2	42	3	25
1957	21	43	82	39
1958	13	39	10	1
1959	14	25	36	8

SANITARY CONVENIENCES 1959

PARISH	CLOSET ACCOMMODATION			REFUSE ACCOMMODATION		
	W.C's	Pails	Privies	Dry Ashpits	Privy Middens	Bins
Aintree	2,144	2	—	—	—	2,146
Altcar	382	44	5	1	5	425
Aughton	1,422	57	24	—	24	1,479
Bickerstaffe	250	146	34	1	34	395
Bispham	18	6	48	—	48	24
Downholland	173	12	91	2	91	183
Halsall	416	67	200	—	200	483
Hesketh Bank	430	152	30	—	30	582
Ince Blundell	107	21	12	—	12	128
Lydiate	1,258	28	78	5	78	1,281
Maghull	4,480	13	33	—	33	4,493
Melling	335	93	9	—	9	428
Netherton	96	5	—	—	—	101
North Meols	576	147	85	—	85	723
Rufford	300	55	54	—	54	355
Scarisbrick	566	62	275	—	275	628
Sefton	113	17	8	—	8	130
Simonswood	29	24	13	—	13	53
Tarleton	696	183	84	—	84	879
Thornton	602	3	1	—	1	605
TOTALS	14,393	1,137	1,084	9	1,084	15,521
Percentage	86.6%	6.84%	6.53%	.06%	6.52%	93.42%

TABLE SHOWING MATTERS DEALT WITH BY PUBLIC HEALTH INSPECTORS DURING THE YEAR 1959

PARISH	PUBLIC HEALTH ACT 1936.							WATER SUPPLY PUBLIC HEALTH ACT 1936			FOOD AND DRUGS ACT, 1955. FOOD HYGIENE REGULATIONS 1955		Shops Act, 1950	Factories Act 1937	SCHOOLS	Total Number of Inspections
	Inspected Premises	Nuisances Found	Nuisances Abated	Informal Notices	Statutory Notices	Drains Cleared	Re-inspections	Section 137	Section 138	Samples Taken	Food Premises Inspections	Food Condemned Ibs.	Inspections	Inspections	Inspections	
Aintree	14	18	15	10	—	6	33	1	—	—	116	122	34	13	2	219
Alicar	4	6	6	4	—	1	8	21	—	—	23	—	3	6	—	66
Aughton	28	33	29	19	2	9	56	90	1	—	96	—	22	7	4	313
Bickerstaffe	15	17	15	13	—	—	31	8	—	—	42	—	6	3	5	110
Bispham	5	7	7	3	—	—	7	—	—	—	18	—	1	2	2	35
Downholland	6	13	12	5	—	1	10	15	—	—	37	—	9	7	3	88
Halsall	25	33	30	24	—	5	60	1	1	—	38	10	12	10	2	154
Hesketh Bank	29	36	32	26	—	—	53	6	—	—	61	—	19	6	3	177
Ince Blundell	2	2	2	2	—	—	2	—	—	—	14	—	2	1	2	23
Lydiate	14	18	17	12	—	7	32	63	—	—	74	—	23	18	6	237
Maghull	131	201	181	137	—	35	254	367	—	—	236	72	86	19	12	1140
Melling	24	29	27	20	—	8	48	—	—	—	66	—	21	22	4	193
Netherton	17	20	20	15	—	—	25	—	—	—	15	—	2	—	1	60
North Meols	22	26	24	21	1	3	46	1	4	—	159	70	25	15	4	279
Rufford	12	16	15	14	—	—	21	1	1	—	61	1120	13	9	2	120
Scarbrick	29	39	38	27	—	5	59	12	—	—	101	22923	23	13	8	250
Sefton	—	—	—	—	—	1	—	—	—	—	6	—	1	3	2	13
Simonswood	—	—	—	—	—	—	—	1	—	—	—	—	—	2	—	3
Tarleton	16	19	18	17	1	3	28	17	—	—	112	—	36	14	7	233
Thornton	3	5	5	3	—	4	4	30	—	—	38	—	22	1	1	103
TOTALS	396	538	493	372	4	88	777	634	7	—	1313	24317	360	171	70	3816

Section E

HOUSING STATISTICS

Number of new houses erected during the year :	<i>Flats</i>	<i>Houses</i>
(i) By the local authority	—	—
(ii) By other local authorities	—	2
(iii) By other bodies or persons	55	577

1. Inspection of dwelling houses during the year :

(1) (a) Total number of dwelling houses inspected formally or informally for housing defects (under Public Health or Housing Acts)		498
(b) Number of inspections, formal or informal, made for the purpose		1173
(2) Dwelling houses unfit for human habitation and not capable at reasonable expense of being rendered fit :		
(a) Number found during the year		6
(b) Number (or estimated number) at end of year		44
(3) Number of dwelling houses found during the year to be not in all respects reasonably fit for human habitation, but capable of being rendered fit		8

2. Clearance Areas (Housing Act, 1957)

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

3. Houses not included in Clearance Areas :

	<i>Number of</i>	
	<i>Houses</i>	<i>Persons Displaced</i>
(1) Houses demolished or closed during year.		
(a) Housing Act, 1957 :—		
(i) Demolished as a result of formal or informal procedure (Section 17(1))....	15	—
(ii) Closed in pursuance of an undertaking given by owners under Section 17(1) and still in force	8	—
(iii) Parts of building closed (Section 18)	—	—

(2) Repairs during the year :

(a) Unfit houses rendered fit and houses in which defects were remedied during the period as a result of informal action by the local authority under the Housing or Public Health Acts		<i>Houses</i> 493
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- (b) Public Health Acts—action after service of formal notice—Houses in which defects were remedied :
- (i) By Owners 4
- (ii) By local authority in default of Owners ... —
- (c) Housing Act, 1957—action after service of formal notice (Sections 9 and 16)
Houses made fit :
- (i) By Owners —
- (ii) By local authority in default of Owners ... —
- (d) Housing Act, 1957 (Section 24) ... —
- 4 Unfit Houses in temporary use (Housing Act 1957)
- (1) Number of houses at end of year retained for temporary accommodation (Section 48) —
- (2) Number of separate dwellings contained in (1) above —
- (3) Number of houses at end of year licensed for temporary occupation (Section 34 or 53) —
5. Housing Act, 1949 and Housing (Financial Provisions) Act, 1958—Improvements Grants, etc.:
Action during year

	Private bodies or Individuals.		Local Authority.	
	Number of schemes.	Number of dwelling houses or other buildings affected.	Number of schemes.	Number of dwelling houses or other buildings affected.
(a) Submitted by private individuals to local authority	30	30	—	—
(b) Submitted by local authority to Ministry	—	—	—	—
(c) Finally approved by Ministry	—	—	—	—
(d) Work completed	22	22	—	—
(e) Additional separate dwellings included in (d) above	—	—	—	—

(f) Any other action taken under the Act. Nil.

6. House Purchase and Housing Act, 1959—Standard Grants. Action during year :

	No. of schemes	No. of dwellings or other buildings affected
(a) Submitted to local authority	20	20
(b) Approved by local authority	20	20
(c) Work completed	1	1

Section F

INSPECTION AND SUPERVISION OF FOOD

1. Milk and Dairies (General) Regulations 1959

There are 53 milk distributors registered with the Local Authority, 17 of which have dairy premises.

201 visits were made to these dairies and the premises were found satisfactory.

2. The Milk (Special Designation) (Raw Milk) Regulations 1949-1954

Dealers' Licences (including Supplementary Licences) issued under the above Regulations are as follows :—

Tuberculin Tested	41
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The Milk (Special Designation) (Pasteurised and Sterilised) Regulations 1949-1953

Pasteurised	43
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Sterilised	32
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3. Milk Sampling

Eleven samples for Tuberculosis were taken by the Inspectors during the year, and one of these proved positive.

This case was referred to the Divisional Inspector, Ministry of Agriculture, Fisheries and Food.

One hundred and forty-seven samples were taken for *Brucella Abortus* and twenty-five were found positive.

In the case of the positive cases the producer either had the milk Pasteurised or disposed of it for uses other than for human consumption.

4. Ice Cream

There are now no manufacturers of ice cream in the area, the one small manufacturer changing to retail sale only.

There are one hundred and forty-five dealers of ice cream.

Six samples of ice cream were obtained from shops in the area, and these were found to be satisfactory.

5. Meat and Other Foods.

Byelaws under Section 15, Food and Drugs Act, 1955, are in operation for securing observance of sanitary and cleanly conditions and practices in connection with the handling, wrapping and delivery of food sold. All hawkers premises within the area and all hawkers of food are registered under the Lancashire County Council (General Powers) Act, 1951.

During the year all hawkers vehicles have been inspected regularly, and it is pleasing to note that many are now provided with hot water facilities.

Fourteen samples of shellfish were submitted for bacteriological examination, and all these samples were found satisfactory.

The following meat and other foods were condemned during the year :—

PLACE	WEIGHT CONDEMNED		
	tons	cwts	lbs.
Various retail shops and food premises.....	10	17	13

Meat and Food Inspection

Carcases inspected and condemned within the district :—

	Cattle ex- cluding Cows	Cows	Calves	Sheep and Lambs	Pigs	Horses
(1) Number killed	226	37	—	213	680	—
(2) Number inspected	226	37	—	213	680	—
(3) All diseases except Tuberculosis and Cysti- cerci.						
(a) Whole carcasses con- demned	—	—	—	—	1	—
(b) Carcasses of which some part or organ was condemned	66	21	—	9	25	—
(c) Percentage of the number inspected affected with disease other than Tubercu- losis and Cysti- cerci.....	29.2%	56.8%	—	3.2%	3.7%	—
(4) Tuberculosis only:-						
(a) Whole carcasses con- demned	—	—	—	—	—	—
(b) Carcasses of which some part or organ was condemned	8	3	—	—	—	—
(c) Percentage of num- ber inspected affec- ted with Tubercu- losis	3.6%	8.1%	—	—	.15%	—
(5) Cysticercosis:-						
(a) Carcasses of which some part or organ was condemned	—	—	—	—	—	—
(b) Carcasses submitted to treatment by re- frigeration	—	—	—	—	—	—
(c) Generalised and totally condemned	—	—	—	—	—	—

6. Food Hygiene

It is now four years since the Food Hygiene Regulations came into operation and work during the year has continued in re-inspecting existing food premises and advising on construction, details and fitting for new premises.

Forty-nine premises used for boiling and peeling of shrimps are registered with the Local Authority under the Food and Drugs Act, 1955. All the premises comply with the general food premises standards.

Improvements have been completed at three agricultural premises where the plucking and dressing of poultry is carried out on a large scale, and the premises are now satisfactory. It is anticipated that this type of business will increase, and improvements will be found necessary, as generally it is old farm buildings which are used for this purpose.

During the year an effort has been made to inspect all mobile shops and hawkers vehicles, and many of them have been persuaded to fit suitable hot water appliances to their vehicles.

TYPES OF FOOD PREMISES

The following is a list of the types of food premises in the area :—

Cafés	.....	.....	.....	.....	.....	.....	15
Butchers	.....	.....	.....	.....	.....	.....	24
Fish & Poultry	.....	.....	.....	.....	.....	.....	2
Grocers	.....	.....	.....	.....	.....	.....	104
Licensed Premises	.....	.....	.....	.....	.....	.....	50
Off Licence Shops	.....	.....	.....	.....	.....	.....	4
Greengrocers	.....	.....	.....	.....	.....	.....	15
Sweets	.....	.....	.....	.....	.....	.....	39
Fish & Chips	.....	.....	.....	.....	.....	.....	11
Confectionery	.....	.....	.....	.....	.....	.....	10
Schools with kitchens	.....	.....	.....	.....	.....	.....	9
Schools with washing up facilities	.....	.....	.....	.....	.....	.....	24
Works canteens	.....	.....	.....	.....	.....	.....	8
Food Factories	.....	.....	.....	.....	.....	.....	10
Clubs	.....	.....	.....	.....	.....	.....	14

7. Factories.

The total number of factories with and without mechanical power is 152.

171 inspections were made and 18 defects found, 16 defects being remedied.

1. INSPECTIONS

Premises	Number on Register	Number of		
		In-spections	Written Notice	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	15	25	3	—
(ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority	111	115	10	—
(iii) Other premises in which Sec. 7 is enforced by Local Authority	26	31	5	—
TOTAL	152	171	18	—

2. DEFECTS FOUND

Particulars	Number of cases in which defects were found				Number of cases in which Prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (Sec. 1)	10	10	—	—	—
Overcrowding (Sec. 2.)	—	—	—	—	—
Inadequate ventilation (Sec. 4)	—	—	—	—	—
Ineffective drainage of floors (Sec. 6)	—	—	—	—	—
Sanitary conveniences (Sec. 7)					
(a) Insufficient	2	2	—	—	—
(b) Unsuitable or defective	6	4	—	—	—
(c) Not separate for sexes	—	—	—	—	—
Other offences against the Act	—	—	—	—	—
TOTALS	18	16	—	—	—

FOOD AND DRUGS ACTS, 1955

The Lancashire County Council Sampling Officer obtained a total of 277 samples of food during the year.

Of this total, 145 were milk, the remainder comprising :—

4 Butter	2 Flour
2 Suet	1 White pepper
2 Honey	1 Rice
5 Bread	1 Fruit juice
1 Cornflour	1 Salt
1 Cream—sterilised	2 Sweets
5 Tea	1 Vegetables—fresh

- | | |
|-------------------------------|-----------------------------|
| 1 Baking powder | 5 Table jelly |
| 1 Golden raising powder | 1 Sage—dried |
| 1 Fruit curd | 4 Mincemeat |
| 7 Fish—canned | 5 Margarine |
| 1 Ammoniated mercury ointment | 13 Fruit—dried |
| 1 Borax and Honey | 1 Ascorbic acid |
| 1 Nasal inhaler | 1 Cod liver oil |
| 1 Mustard compound | 1 Calcium gluconate tablets |
| 2 Vegetables—dried | 1 Sausages—beef |
| 3 Soup powder | 3 Christmas pudding |
| 2 Semolina | 3 Almonds—ground |
| 1 Tapioca | 2 Gravy browning |
| 1 Coffee | 1 Chemical food |
| 1 Coffee and chicory essence | 1 Glucose syrup |
| 1 Sago | 3 Fruit—canned |
| 7 Whisky | 2 Oatmeal |
| 5 Sauce | 1 Sausages—canned |
| 4 Pickles | 3 Meat—canned |
| 4 Fish paste | 1 Crab—canned |
| 2 Lemonade | 1 Mixed peel |
| 2 Vegetables—canned | 1 Rum |

All the above samples were reported by the County Analyst to be genuine, with the exception of the following :—

SAMPLE	RESULT OF ANALYSIS	ACTION TAKEN
1 Bread	Butter or milk solids not detected yet described as " Buttercrust "	Bakers written to.
1 Sago	Consisted of tapioca	Vendor interviewed.
Opened one-third pint bottle of milk	Contained a fragment of green pencil point weighing 5 mgms.	} SCHOOL MILK : School Authorities informed of result of analysis
Opened one-third pint bottle of milk	Contained three small specks of mineral matter weighing 0.6 mgm. (Partially or wholly chalk)	
1 Informal milk	Contained 7 mgms. of vegetable debris and insect remains, together with fungae hyphae, of the nature of bird droppings.	Dairy interviewed.
1 Informal milk	Freezing point indicated the presence of 0.5% of extraneous water.	Vendor cautioned and formal sample obtained.
1 Lemonade	Unpleasant odour due to presence of 0.7 parts per million by weight of hydrongen sulphide (H ₂ S) liberated from composition stopper by acidity of lemonade.	Packers written to.
1 Formal milk	Freezing point indicated the presence of 1.6% of extraneous water.	Producer cautioned and further samples obtained.
1 Opened can of peas.	Contained two pieces of carbonaceous matter with high silica content of the nature of cinder weighing 0.41 gramme.	Packers written to.
1 Flour	Creta praeparata content only 106 mgms. per 100 gms. flour. Flour (Composition) Regulations, 1956, require 235-390 mgms.	Millers written to.
Sweets	Contained a piece of broken glass tube 2 cms. long and 0.36 cms. diameter and weighing 0.27 gramme.	Manufacturers cautioned.
Bread (portion of sliced loaf)	Contained 1.0 gm. of coarse red paper. Probably derived from flour sack label,	Baker cautioned.

(Over

1 Part pint bottle of milk	Contained 1 mgm. of powdered glass. 7.77 gms. of broken glass submitted separately. The fragments were similar in texture and could have formed part of a bottle similar to the one submitted.	Legal proceedings. Dairy fined £25 and ordered to pay £12/15/0 costs.
1 Dried fruit	Insect excreta on wrappings. Raisins were fermenting.	Stocks withdrawn.
1 Dried fruit	Contained a dead wasp.	Packers cautioned.
1 Chemical food	Should be labelled "Chemical Food B.P.C." Contained only 0.7% iron as ferrous phosphate of which 0.02% was insoluble. B.P.C. limits for ferrous phosphate are 0.85 — 0.95% w/v.	Stocks withdrawn.
1 Mixed dried fruit	Ingredients listed in wrong order in relation to quantity.	Packers notified.

THE RENT ACT, 1957.

Part I—Applications for Certificates of Disrepair

1. Number of applications for Certificates	.....	.....	.....	16
2. Number of decisions not to issue Certificates	.....	.....	.....	Nil
3. Number of decisions to issue Certificates	.....	.....	.....	16
(a) In respect of some but not all defects	.....	.....	.....	10
(b) In respect of all defects	.....	.....	.....	6
4. Number of Undertakings given by Landlords under paragraph 5 of the 1st Schedule	.....	.....	.....	10
5. Number of Undertakings refused by Local Authority under proviso to paragraph 5 of the 1st Schedule	.....	.....	.....	Nil
6. Number of Certificates issued	.....	.....	.....	7

Part II—Applications for Cancellation of Certificates

7. Applications by Landlords to Local Authority for Cancellation of Certificates	.....	.....	.....	2
8. Objections by tenants to Cancellation of Certificate	.....	.....	.....	2
9. Decisions by Local Authority to cancel in spite of tenants objections	.....	.....	.....	Nil
10. Certificates cancelled by Local Authority	.....	.....	.....	1

Part III—Applications for Certificates as to the Remedying of Defects Specified in a Landlords Undertaking to Remedy Defects

11. Applications by tenant	.....	.....	.....	1
12. Applications by owner	.....	.....	.....	2
13. Certificates granted to tenant	.....	.....	.....	1
14. Certificates granted to owner	.....	.....	.....	2

In comparison with the figures given in the previous years report there has been a considerable reduction in the number of applications for Certificates of Disrepair and other consequential work as required by the Rent Act during this year.

It is known, however, particularly on the larger housing estates in the Southern Parishes, that maintenance work under the Act is being continued by the owners without the intervention of the Local Authority.

It is considered that generally the owners now feel that they are receiving a sufficient return in increased rents and, therefore, carry out repair work more readily than in the past.

CLEAN AIR ACT, 1956

The Act is now well established and due to the publicity given by both the press and radio and television mediums is well in the minds of the public. This is shown by the number of enquiries made as to the context of the Act and the resultant regulations.

From time to time inspections are made of the boilers and furnace installations in industrial establishments and observations are made of the smoke emissions. The emissions are compared with the Ringleman chart as specified in the Act. In the main the smoke emitted is well within the permitted limits of colour and density.

The Council, on application, granted extensions to the exemption certificates to the occupiers of two establishments for a further period of twelve months. This was done to enable them to carry on with works of improvement to bring their plant into such a condition as to comply with the Act without creating an offence.

Smokeless fuels are extensively used for soil sterilisation in the horticultural areas and consequently without smoke emission, a feature which is now taken for granted even as the dense smoke formerly created during this operation was taken for granted.

THE PREVENTION OF DAMAGE BY PESTS ACT, 1949

The Prevention of Damage by Pests Act, 1949, stipulates that every Local Authority must take measures to secure as far as practicable that their area is kept free from rats and mice and to enforce the duties of owners and occupiers under its provisions.

Co-operation with the public is very good. The principal sites of infestation in this area are the banks of the many open ditches, and on the many new housing estates where vermin are disturbed.

The Lancashire Executive Committee with regard to rodent control ceased to operate after March, 1959, and as a result farmers can either clear the infestations themselves, employ private firms or request this Authority to perform the work.

The practice of providing free service to private householders continued during the year, but owners or occupiers of other premises or lands are requested to re-imburse the Local Authority for all expenditure incurred.

The methods of destruction employed are those recommended by the Ministry of Agriculture, Fisheries and Food, and these have proved very successful.

**REPORT FOR THE YEAR ENDING 31st DECEMBER, 1959
PREVENTION OF DAMAGE BY PESTS ACT, 1949**

	TYPE OF PROPERTY Non-Agricultural				Agricultural
	Local Authority	Dwelling Houses	All Other (Including Business Premises)	Total of Cols. (1) (2) and (3)	
(1) Number of properties in Local Authority's District	12	16,614	751	17,377	685
(2) Number of properties inspected as a result of:—	12	262	74	348	24
(a) Notifications	—	1,211	62	1,273	63
(b) Survey under Act	21	615	601	1,237	86
(c) Otherwise (visits primarily for other purposes)	33	2,088	737	2,858	173
(3) Total inspections carried out	—	—	—	—	—
(4) Number of properties inspected and found to be infested by:—	—	—	—	—	—
(a) Rats { major	12	78	29	119	10
{ minor	—	—	—	—	—
(b) Mice { major	—	—	—	—	—
{ minor	—	138	18	156	6
(5) Number of infested properties treated by Local Authority	12	216	47	275	16
(6) Total treatments carried out including re-treatments	12	216	47	275	16
(7) Number of notices served under Section 4 of the Act:—	—	—	—	—	—
(a) Treatment	—	—	—	—	—
(b) Structural Work	—	5	6	11	—
(8) Number of cases in which default action was taken following the issue of a notice under Section 4 of the Act	—	—	—	—	—
(9) Legal proceedings	—	—	—	—	—
(10) Number of "Block" control schemes carried out	—	—	—	—	—

