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Contributors

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Public Health Department

ANNUAL REPORT

ON THE HEALTH OF THE

West Lancashire Rural District

DURING THE YEAR

1967

J. GORDON HAILWOOD
M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health.



Public Health Department

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BY

J. GORDON HAILWOOD
M.D., Ch.B., M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health.

WEST LANCASHIRE RURAL DISTRICT COUNCIL

1967

Ch	airman	ı					Mr.	E. O. Thomas
Vic	ce-Chai	irman					Mr	s. E. Parry, J.P.
Aintree		••••		••••	••••	****	****	F. T. Goudie N. Highet R. H. Lloyd A. V. Newton W. E. Thornbury
Altcar								W. H. Storey
Aughton							****	W. E. Rothwell H. E. Skaife Mrs. E. Parry, J.P. J. K. Phillips
Bickerstaff	e							S. Chatterton J. Stockley
Bispham								J. J. Dickinson
Downholla	ind						****	R. J. Kirby
Halsall								J. P. Cropper Mrs. P. E. Trower
Hesketh-w	ith-Bec	consall		****				W. Cookson
Ince Blund	lell							E. C. Sturmey
Lydiate	****			 ARY	SHT.	 OMIX		Miss M. J. Barnes Mrs. W. G. Tyrer, J.P. J. F. Ward E. O. Thomas
Maghull	•••				(C. J. Currall W. W. Kenney H. R. Stephenson H. Prescott H. S. Moreton L. A. Murray Mrs. F. D. Dykins Mrs. B. E. Long Mrs. W. M. Mitchell J. R. Broadbent W. E. Long J. G. Smith
Melling								H. Sergeant Mrs. E. Dallas
Netherton								T. W. Highet
North Med	ols			****			****	H. Cropper, J.P. J. Schwartzman
Rufford								Mrs. V. A. Haigh
Scarisbrick								G. Ainscough G. F. Swarbrick
Sefton						G		J. H. Ellison J. Sweeney
Simonswoo	bd		****					J. Rimmer
Tarleton					****			R. Farrington J. Hunter
Thornton	****		****	****	****	****		R. Phillips J. R. Price

HEALTH COMMITTEE

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.

Deputy Medical Officer of Health
J. O'GORMAN, M.B., B.Ch., B.A.O., D.P.H.

Public Health and Meat Inspectors

ROBERT W. BINGHAM, Chief Inspector

J. HAILWOOD, Deputy Chief Inspector

H. JACOBS

Pupil Public Health Inspector GEOFFREY A. WOOD

All are whole-time Officials

Clerical Staff

Mrs. J. CLAGUE—Part Time

Mrs. M. BIMPSON—Part Time

TO THE CHAIRMAN AND MEMBERS OF THE HEALTH COMMITTEE

Ladies and Gentlemen,

I have the honour to present my twenty-second Annual Report on the health of the Rural District.

The health of the district remained satisfactory during the year. 932 cases of infectious disease were notified, of which 816 were cases of measles. There were no cases of Poliomyelitis or Diphtheria.

The Birth Rate was 14.7 per 1,000 population and was again lower than the previous year at 16.4.

The Death Rate was at 11.2 per 1,000 population, a slight decrease on the 1966 rate of 11.8. There was, however, a satisfactory decrease in the Infant Mortality Rate at 15.6 per 1,000 live births, compared with 18.3 in 1966.

Housing conditions continue to improve. During the year 571 new houses were erected, of which 233 were built by local authorities. 21 houses were found to be completely unfit for human habitation, whilst a further 163 were found to be unfit but capable of being rendered fit.

I should like to draw attention to the improvement in Water supplies and Sanitary circumstances in the Rural District during the last 20 years. In 1947 there were 11,867 or 98.4% of houses enjoying a public water supply, but 185 households had to rely on private wells or rainwater tanks for their supply. In 1967, however, 21,855 houses, or 99.9% were connected to a public water supply and only 15 households depended on private wells or tanks.

Similarly in 1947 there were only 73.7% of houses with water closets whilst there were 915 pails and 2,241 privies. Today 93.8% of houses have water closets and there has been a reduction in the number of pail closets to 697 and of privies to 657. This is entirely due to the vigorous policy of providing main sewerage that the Council has pursued of recent years and when the present programme comes to fruition, we may expect pails and privies largely to disappear from the District.

The staff of the Public Health Department have maintained their high standard of work during the year. They made 6,714 visits of inspection during the year, of which 2,834 were concerned with dwelling houses.

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 your obedient Servant,

J. G. HAILWOOD

Medical Officer of Health

Section A

STATISTICS OF THE AREA FOR 1967

Area of the District (acres) Population (Registrar General's Mid-1967 Estim Number of inhabited houses according to Rate Rateable Value Sum represented by a Penny Rate	Books	£2,2	65,620 66,960 21,612 20,989 £8,743
(Hith, handward) activity (SSO ₄), and extensive the first the discountry to the control of	Male	Female 567	Total
Live Births 1 000 nonviolation	589	307	14.7
Live Birth rate per 1,000 population	or since	violence:	14.7
Illegitimate live births per cent of total live	refresh	ind him	2.9
Cattl Diadla	7	5	12
Ctill high note non 1 000 live and still highs	ai dhao	10 1021	10.3
Total Line and Citil Dintha	596	572	1168
Deaths = seems see	292	284	576
Dooth rate nor 1 000 nonviction		201	11.2
Infant Dootho	13	5	18
Infant mortality rate per 1,000 live births	13	1000000	15.6
Infant mortality rate per 1,000 live births			10.0
legitimate		_	16
Infant mortality rate per 1,000 live births illegitimate	magi	ant peop	Malign
Neo-Natal mortality rate per 1,000 live births			
(first four weeks)	-	-	12.1
Early Neo-natal mortality rate per 1,000 live births (first week)		entertier mo-nan	12.1
Perinatal mortality rate per 1,000 live and still			Leukas
births (stillbirths and deaths under 1 week combined)	10030	es ar Leions	22
Maternal deaths (including abortion)	_	Dissess	Heart
Maternal mortality rate per 1,000 live and still			
births		airte	Brond

NOTES ON VITAL STATISTICS

Births

There were 1,156 births recorded during the year, of which 589 were male and 567 female; and including 33 illegitimate births 22 male and 11 female. The crude birth rate was 17.3 per 1,000 population. The adjusted birth rate per 1,000 population (comparability factor 0.85) was 14.7 compared with 16.4 in 1966. The birth rate for England and Wales was 17.2.

Still Births

The number of still births during 1967 was 12, of which 7 were male and 5 female. This is equivalent to a rate of 10.3 per 1,000 live and still births. Two of these births were illegitimate.

Deaths

The total number of deaths registered during 1967 was 576, a de-

crease of 84 over the previous year.

The crude death rate was 8.6 per 1,000 population. The adjusted death rate (comparability factor 1.30) was 11.2 per 1,000 population, compared with 11.8 in 1966. The death rate for England and Wales was 11.2.

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 18 deaths of infants under one year of age giving an infant mortality rate of 15.6 per 1,000 live births, a decrease on the number of deaths for 1966 which was 22. The rate for England and Wales was 18.3.

Causes of Dea	th in t	the West	Lancashire	Rural	District	1967
---------------	---------	----------	------------	-------	----------	------

Causes of Death in the	West 1	ancashi	re Ku			967 Female
Tuberculosis of the Respirar	tory Sys	tem		111.111.2	1	
Other forms of Tuberculosis					_	_
Syphilitic Diseases					_	1
Diphtheria					100	
Whooping Cough					_	
Meningococcal Infections					ill-mo	-10
Acute Poliomyelitis		****			-	-
Measles	****	****		****	_	_
Other infective and parasition	disease	es	****		-	-
Malignant neoplasm—						
Stomach				****	5	4
Lung, bronchus					15	4
Breast					_	13
Uterus					_	5
Other malignant and lymph		plasms			26	33
Leukaemia, aleukaemia					3	_
Diabetes					4	1
Vascular lesions of nervous	system				49	60
Heart Diseases					109	86
Influenza					1	3
Pneumonia					7	15
Bronchitis					14	7
Other diseases of respirator		n			5	2
Ulcer of stomach and duod					4	2 2 3
Gastritis, enteritis and diarr	hoea				_	
Nephritis and nephrosis	20000				3	1
Hyperplasia of prostate		111110			a me	britte in
Pregnancy, childbirth, abor	tion				-	
Congenital malformations		****			5	4
Other defined and ill-define	d diseas	03			26	26
Motor vehicle accidents	****	••••			7	2
All other accidents					5	11
Suicide	6				3	1
Homicide and operations of	war	****			0.00	3 2 500
					292	284
	-				272	204

Section B

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

HOSPITAL ACCOMMODATION

There are no General Hospitals in the District, but patients are accommodated in the Ormskirk & District General 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 Fazakerly 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 1967

Dysentery		 	 2
Measles	****	 	 7
Whooping Cough		 	 5
Scarlet Fever		 	 1
Food Poisoning	V)	 	 1
Meningitis		 	 2

18

These admissions were from the	e follo	wing townshins.	
These admissions were from the	e folio		
Aughton		One case of Me One case of Dy	
Lydiate		One case of Me	
		One case of Dy One case of Fo	od Poisoning
Maghull		Four cases of M	
		One case of Wi Two cases of M	
Melling		One case of Wh	nooping Cough
North Meols	00	One case of Me	
Sefton	80129	One case of Sca Two cases of W	hooping Cough
Scarisbrick			hooping Cough
			Pezerkeelly chalt
DISIN	NFECT	TION	
Disinfection of bedding and	clothin	g is carried out	by steam dis-
infection at either Crosby or S			
Local Authorities. The articles	34716		
West Lancashire R.D.C. and		WILLIAM WAS IN THE PARTY OF THE	Commence of the second second
Ormskirk U.D.C. on a percent			eficialité mon
Old State of the S		don't end donne	
DETAILS OF W	ORK	CARRIED OU	т
West Lar			
Trest Ziti	il cusiiii		Disinfestations
HOSPITAL OF IMPECTIOUS		MCDECTOR SAFE	O YES AMINUZ
Journeys		26	35 47
Rooms sprayed	***	4	15
Houses		45	10
Articles taken for disinfection		43	10
Othe	r Jour	neys	
Drain clearing		216	
Removal of condemned food		7	
Library Books Disinfection		12	
Orms	kirk U	.D.C.	
		Disinfections	Disinfestations
Journeys		- diligi	4
Rooms sprayed		–	6
Houses		—	2

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 1967:—

ALER Godgest Tri	Estimated	BIR	THS	DEA	THS
TOWNSHIP	Population middle of 1967	No. of Births	Rate per 1,000	No. of Deaths	Rate pe 1,000
Aintree	7,095	88	12-4	53	7-4
Altcar	1,362	28	20.5	8	5.8
Aughton	7,225	119	16.4	42	5.8
Bickerstaffe	1,411	11	7.8	18	12.7
Bispham	259	2	7.7	1	3.8
Downholland	861	13	15.1	12	13.9
Halsall	2,157	28	12.9	26	12.0
Hesketh Bank	2,047	32	15.6	19	9.2
Ince Blundell	547	7	12.2	10	17-4
Lydiate	5,336	102	19.1	36	6.7
Maghull	20,179	433	21.5	140	6.9
Melling	2,547	62	24.3	18	7.0
Netherton	307	6	19.5	3	9.7
North Meols	2,992	53	17-7	43	14-3
Rufford	1,431	26	18-1	24	16.8
Scarisbrick	3,450	50	14-4	53	15.3
Sefton	1,853	25	13-4	6	3.2
Simonswood	215	10	46.5	3	13-9
Tarleton	3,409	68	19-9	34	9.9
Thornton	2,250	23	10.2	27	12.0
Whole District	66,960	1,186	17-3	576	8.6

DISTRICT NURSES

Mrs. A. C. Tiernan, 66, Whalley Drive, Aughton. Tel. Aughton Green 2101.

Miss N. Ball, 214, Liverpool Road South, Burscough. Tel. Burscough 3356.

Mrs. J. Hutchison, 11, Liverpool Road, Formby. Tel. Formby 4591.

Miss M. Hutchinson, 2. Glenholm Road, Maghull. Tel. Maghull 1828.

Mrs. G. Hodge, 8, Eskdale Drive, Maghull. Tel. Maghull 5935.

Mrs. M. Monaghan, 15, Eskdale Drive, Maghull. Tel. Maghull 3649.

Miss W. Schofield, "Lyndeth," Waddicar Lane, Melling Tel. Kirkby 2149.

Mr. J. Chapman, 94, Park Lane, Netherton. Tel. Aintree 1255.

Miss M. Catterall, 35, Hillcrest Drive, Tarleton. Tel. Hesketh Bank 2580.

Mrs. P. M. Siddall, 15, Clovelly Drive, Newburgh. Tel. Parbold 877.

DISTRICT MIDWIVES

Mrs. M. J. Rice, 43, Deyes Lane, Maghull. Tel. Maghull 4986.

Miss C. A. Prescott, 5, Oriel Drive, Old Roan. Tel. Aintree 6927.

Mrs. M. M. Ashcroft, 60, Grimshaw Lane, Ormskirk. Tel. Ormskirk 2948.

Miss M. J. Ashcroft, 82, Station Road, Banks. Tel. Southport 87914.

Miss Y. Handlon, 120, School Lane, Skelmersdale. Tel. Skelmersdale 2646.

SCHOOL CLINICS

Litherland Clinics-

SEFTON ROAD

2-00-4 p.m. Dental.

Tuesday 9-30-12 a.m. Minor Ailments

9-30—12 a.m. Dental

9-30-12 a.m. Ophthalmic

2-00-4 p.m. Dental

Wednesday 9-30-12.a.m. Dental.

2-00-4 p.m. Child Welfare

Thursday 9-30-12 a.m. Ophthalmic. Eye Specialist.

9-30-12 a.m. Dental.

2-00-4 p.m. Ante-natal.

Friday 9-30-12 a.m. Minor Ailments.

SEFTON AVENUE

Monday 9-30-12 a.m. Orthopaedic.

2-00-4 p.m. Child Welfare.

Wednesday 9-30-12 a.m. Orthopaedic.

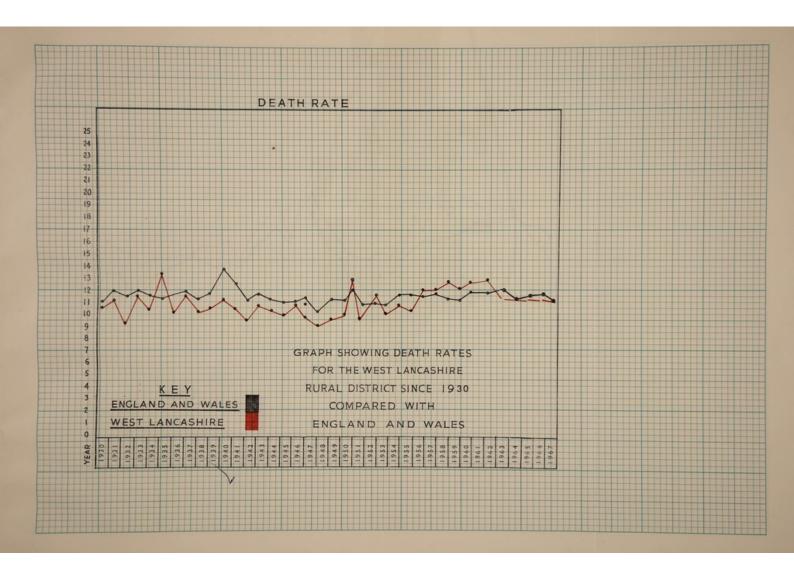
2-00-4 p.m. Chiropody.

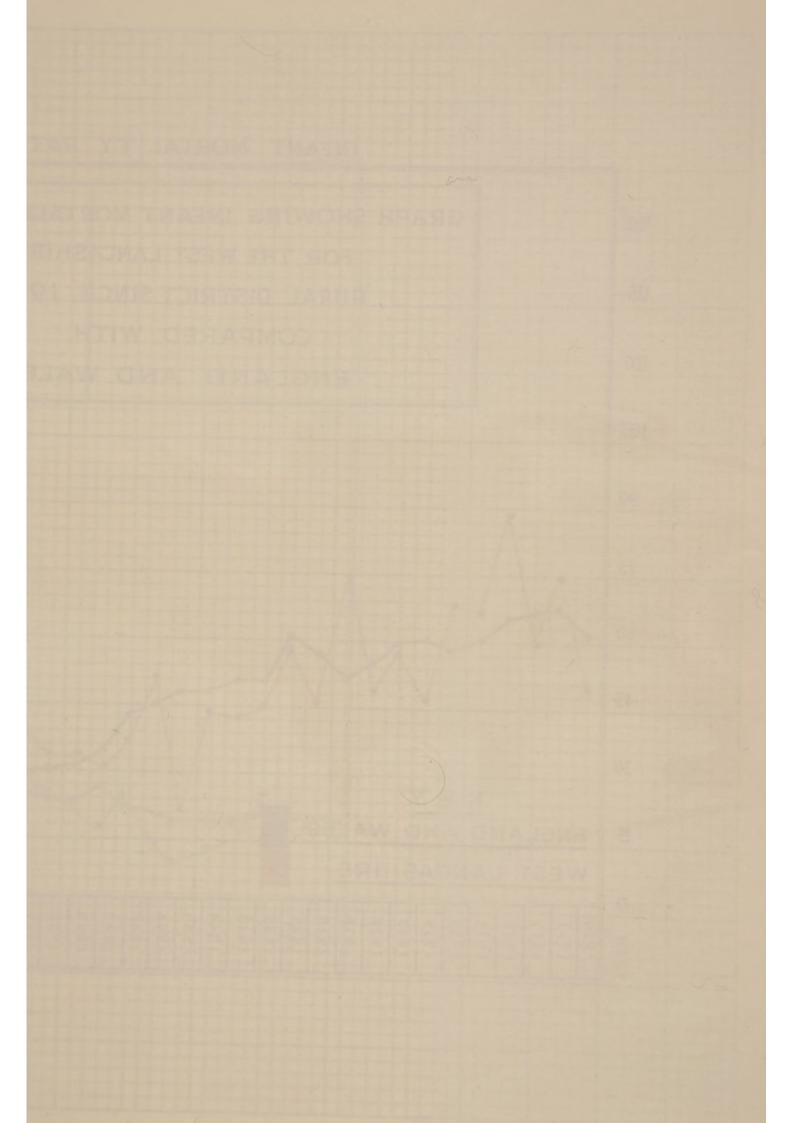
Thursday 9-30-12 a.m. Relaxation.

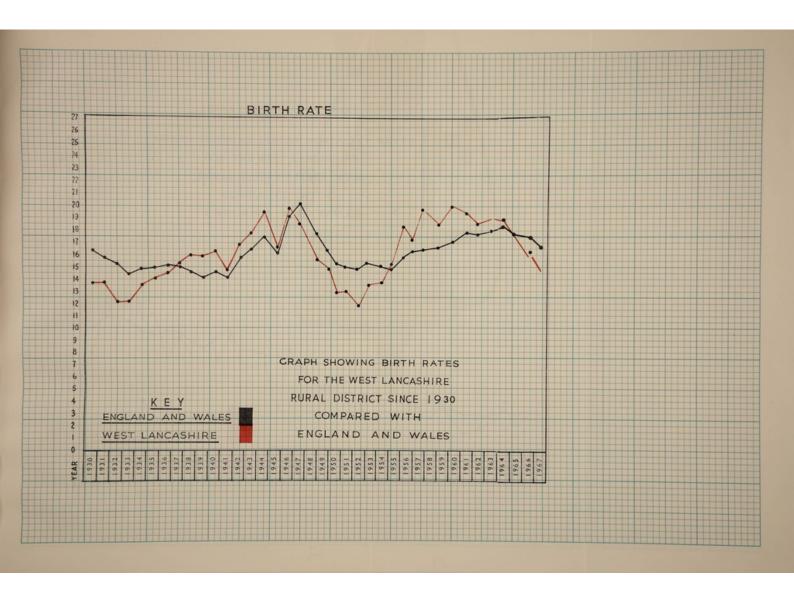
2-00-4 p.m. Chiropody.

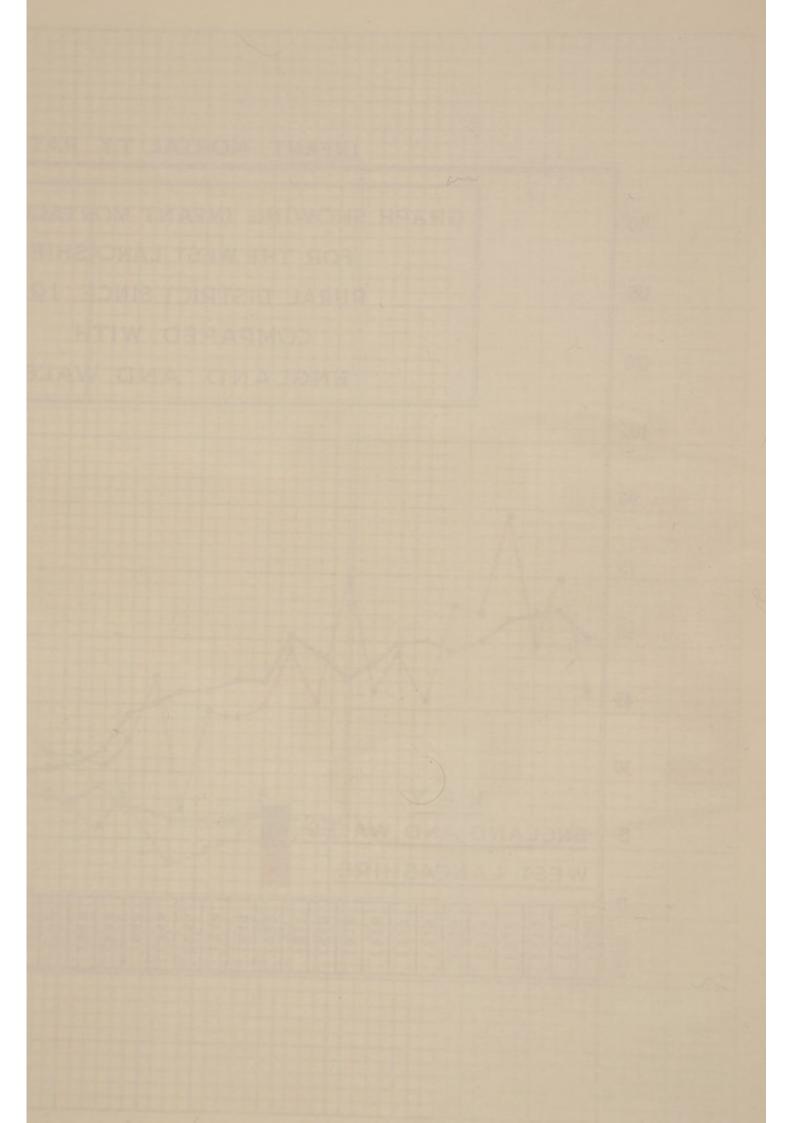
Friday 9-30—12 a.m. Speech Therapy.

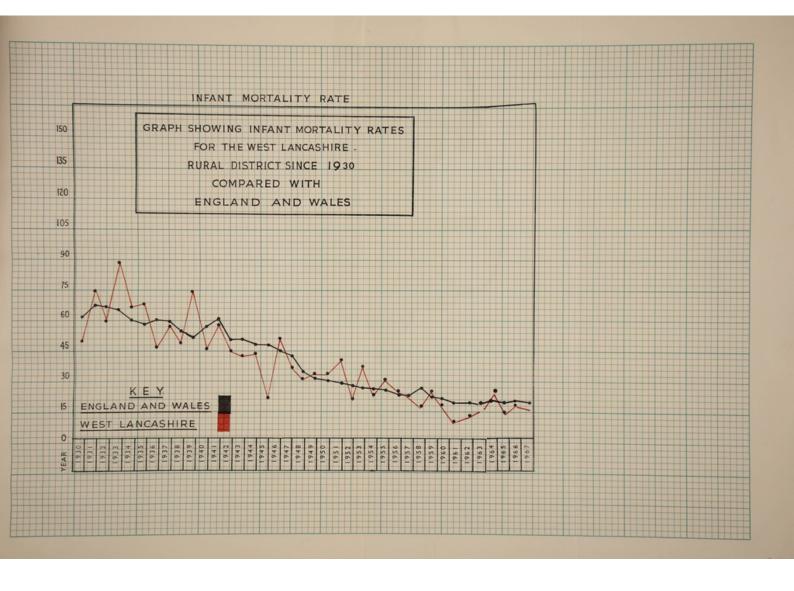
2-00-4 p.m. Speech Therapy.













MAGHULL CLINIC, NORTHWAY Monday Dental.a.m. 9-30-12 a.m. Chiropody. 2-00-4 p.m. Orthodentic. Orthopaedic. Chiropody. Tuesday Dental.a.m. & p.m. Wednesdaya.m. & p.m. Dental. Speech Therapy. a.m. & p.m. Minor Ailments Child Welfare. Thirsdaya.m. 2-00-4 p.m. a.m. & p.m. Dental.9-30-12 a.m. Minor Ailments. Friday a.m. & p.m. Dental. ORMSKIRK CLINIC, HANTS LANE9.30-12 a.m. Minor Ailments. Monday Child Welfare. 2-00-4 p.m. Orthopaedic, Once Month alternate. a.m. p.m. Ophthalmic.9-30-12 a.m. Minor Ailments. Tuesday 9-30-12 a.m. Chiropody. 9-30-12 a.m. Speech Therapy. 2-00-4 p.m. Chiropody. 9-30-12 a.m. Orthopaedic. Alternate weeks. 2-00-4 p.m. Speech Therapy. 2-00-4 p.m. Orthopaedic. Wednesday Minor Ailments.a.m. a.m. Speech Therapy. Cervical Cytology. a.m. 2-00-4 p.m. Child Welfare. 2-00-4 p.m. Speech Therapy. Dental. Thursdaya.m. & p.m. Minor Ailments. a.m. Ophthalmic. a.m. p.m. Hearing Tests. Friday Dental.a.m. & p.m. a.m. Minor Ailments. p.m. Hearing Tests. ST. GILES CHURCH HALL, AINTREE Monday2-00-4 p.m. Child Welfare Centre. GREAVES HALL, BANKS Tuesday2-00-4 p.m. Child Welfare Centre (2nd and 4th Tuesdays) LATHOM AND BURSCOUGH OLD COUNCIL OFFICES, BURSCOUGH2-00-4 p.m. Child Welfare Centre. Thursday METHODIST CHURCH HALL, LYDIATE Wednesday2-00-4 p.m. Child Welfare Centre. SCOUT HUT, WADDICAR LANE, MELLING2-00-4 p.m. Child Welfare Centre. Alternate weeks. Tuesday POST OFFICE, SCARISBRICK2-00-4 p.m. Child Welfare Centre. Monday 226 HESKETH LANE, TARLETON Child Welfare Centre. (1st 3rd & 5th Tuesdays)2-00-4 p.m. Tuesday Women's Institute, Town Green Lane, Town Green10-0-12 a.m. Welfare Foods only. Thursday

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
	Dental	and a	mus unbeuer
4	Hesketh-with-Becconsall C.E.	28	100 infants and juniors
4	North Meols Banks Methodist	24	115 infants and mixed
4	North Meols St. Stephens	25	93 infants and mixed
4	Tarleton Mere Brow C.E.	26	53 infants and mixed
4	Tarleton County Primary	31	202 infants and juniors
4	Tarleton County Secondary	106 27	400 seniors
11	Tarleton C.E	31	128 infants and juniors 470 infants and mixed
11	Aintree Davenhill County	35	404 infants and mixed
11	Aintree Holy Rosary Infants R.C.	20	205 infants and mixed
11	Aughton Christ Church	21	
11	Aughton Parochial Prim	37	188 infants and juniors 170 infants and juniors
11	Aughton Town Green County Prim.	13	
11	Bickerstaffe C.E Bispham Durnings Endowed Prim.	24	110 infants and juniors 101 infants and mixed
11	Halsall C.E	26	111 juniors
11	Haskayne C.E	25	42 infants and juniors
11	Lydiate R.C	19	101 infants and mixed
11		18	58 infants and mixed
11	Lydiate C.E Lydiate County Junior	33	412 Juniors and seniors
11	Lydiate County Infants	33	291 infants
11	Maghull C.E	16	591 infants and juniors
11	Maghull Ormonde Drive County Sec.		590 seniors
11	Maghull Deyes Lane County Sec.	100	749 seniors
11	Maghull St. George's R.C. Junior	17 J	
11	Maghull St. George's R.C. Junior	17 J	423 juniors
11	Maghull St. George's R.C. Primary	17 I	313 infants and mixed
11	Maghull Hudson County	32	503 infants and juniors
11	Maghull Summerhill County	40	128 infants and juniors
11	Maghull Grammar	131	735 seniors
11	Maghull Northway County Infants	36 I	207 infants
11	" " Juniors	36 J	332 juniors
11	Maghull Mater Misericordiae High		OR 6
Cachesen	School	4609	453 senior girls
11	Melling Aughton R.C.	14	47 infants and juniors
11	Melling C.E	15	201 infants and juniors
11	Rufford C.E	22	98 infants and mixed
11	Rufford Holmeswood Methodist	23	36 infants and juniors
11	Scarisbrick St. Marks C.E	27	57 infants and juniors
11	Scarisbrick St. Marys R.C.	28	94 infants and juniors
11	Scarisbrick County	29	70 infants and juniors
12	Ince Blundell R.C	26	41 infants and mixed
-	Netherton St. Benets R.C. Junior	3324	364 juniors
_	Netherton St. Benets R.C. Infants	07	188 infants and mixed
12	Sefton County Primary	A 100 A	49 infants and mixed
12	Thornton County Primary	9	181 infants and mixed
12	Thornton County Junior	17	274 juniors
	street) would not I would never		

SCHOOL HYGIENE

THE IMPROVEMENTS CARRIED OUT ARE:-

- HOLY ROSARY INFANTS & JUNIOR R.C. SCHOOL AINTREE Improved sanitary accommodation.
- AUGHTON CHRIST CHURCH C.E. SCHOOL Improved water supply.
 Playground areas resurfaced.
- AUGHTON PAROCHIAL SCHOOL
 Improved 'washing up' facilities for meals service.
- BISPHAM DURNINGS ENDOWED SCHOOL
 Improved hot water supply to boys' cloakroom.
 Playing field extended.
- HESKETH WITH BECCONSALL C.E. SCHOOL School yard re-surfaced.
- INCE BLUNDELL R.C. SCHOOL

 New and improved hot water heater for 'washing up' facilities for meals service.

 Improved washing facilities for staff on school meals service.
- LYDIATE C.E. SCHOOL

 New floor constructed in classroom.
- LYDIATE R.C. SCHOOL Playground re-surfaced.
- MAGHULL C.E. SCHOOL Improved playground facilities.
- MAGHULL COUNTY SECONDARY SCHOOL.
 Additional classroom accommodation.
- MELLING C.E. SCHOOL

 New indoor toilets and cloakrooms.

 Hot water supply to washbasins.
- ST. MARKS C.E. SCHOOL, SCARISBRICK
 Hot water supply to washbasins.
- SCARISBRICK COUNTY SCHOOL

 New central heating system installed.
- SEFTON COUNTY PRIMARY SCHOOL New indoor toilets and cloakroom. Improved central heating.

THE FOLLOWING IMPROVEMENTS AND REPAIRS ARE REQUIRED:—

AUGHTON CHRIST CHURCH C.E. SCHOOL

Increased sanitary accommodation and washing facilities for female staff.

Increased sanitary accommodation and washing facilities for pupils.

HESKETH WITH BECCONSALL C.E. SCHOOL

Stone floors in toilets require smooth surfaces. Increased staff toilets.

INCE BLUNDELL R.C. SCHOOL

Provision of hot water to washbasins.

LYDIATE R.C. SCHOOL

Improved central heating.

LYDIATE C.E. SCHOOL

Central heating to classrooms. Indoor toilets.

MELLING C.E. SCHOOL

Demolition of old outside sanitary accommodation. Resurfacing of playground.

NETHERTON ST. BENETS R.C. INFANTS SCHOOL

Increased and indoor sanitary accommodation.

NORTH MEOLS METHODIST SCHOOL

Improved central heating system.

ST. MARK'S C.E. SCHOOL, SCARISBRICK

Indoor sanitary accommodation.

TARLETON C.E. SCHOOL

Provision of hot water to washbasins in cloakrooms.

Section C

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

SCARLET FEVER

Fifty-four cases of Scarlet Fever were notified during the year. It was found necessary to remove one 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.

MEASLES

During the year 816 cases of Measles were notified. This was an increase on the figure for 1966.

WHOOPING COUGH

31 cases of Whooping Cough were notified during the year, compared with 88 in 1966 and 35 in 1965.

ACUTE PNEUMONIA

There was one case of Acute Pneumonia notified during 1967. No deaths were recorded.

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

POLIOMYELITIS

There were no cases of Poliomyelitis notified during the year. No deaths were recorded.

FOOD POISONING

There were two cases of Food Poisoning notified during the year. No deaths were recorded.

TUBERCULOSIS

Summary of notifications under the Public Health (Tuberculosis Regulations, 1930) received during 1967.

				NEW (CASES			DEA	THS	
Age 1	Period ars		Respi	ratory	Respi		Respi	iratory	No Respi	n- ratory
			M.	F.	M.	F.	M.	f. F. M.		F.
1-5			_	_	_	_	_	_	_	_
6—10			-	-	-	-	-	-	-	-
11—15			-		-	-	-	-	-	-
16—20			2	-	-	-	-	-	-	-
21—25			1	-	1	1	_	-	-	-
26—35 36—45		****	1			1	_			_
36—45 46—55			1 2				1			
56—65			_	_	_			_	_	
over 65			1	-	-	1	-	-	-	-
То	tals		7	=	1	2	1		_	

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, ORMSKIRK & DISTRICT GENERAL 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 is the Tuberculosis Physician in attendance.

Two Tuberculosis Health Visitors attend the Clinics and follow up patients in their own homes.

A Pulmonary Hospital is situated at New Hall, Scarisbrick.

The number of cases of Pulmonary Tuberculosis shows a decrease of three over the previous year.

The following table is an analysis of the occupations of the 10 new cases of Tuberculosis notified during 1967:—

0	ation			P	ulmo	onary	Non-Pu	lmonary
Occup	ation		-00	Male		Female	Male	Female
Clerk				3			_	_
Gig Boatman				1	.3			_
Sectional Manage	r (Dunle	ops)		1	-			_
I I arragerrica						_	-	1
Teacher	****		****	- 1	-	-		
Electrical Enginee	r		7774	- 1		- 1		
Landscape Garde	ner .		77.74	-		-	1	-
Spinster (Retired)				1 -		-		1
T	OTAL			7		_	1	2

Six houses, occupied by persons suffering from Tuberculosis were inspected during the year. Three slept in separate bedrooms, and in three 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.

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, Hants Lane, Ormskirk, Aintree Clinic, Banks Clinic, Lydiate Clinic, Maghull Clinic, Melling Clinic, Rufford Clinic, Scarisbrick Clinic and Tarleton Clinic.

NOTIFIABLE DISEASES DURING THE YEAR 1967

					I	OTA	TC	TOTAL CASES NOTIFIED	NOTIL	FIED	CENTRAL TO				HOSI	HOSPITAL
Normalabre Diseases	Total							YEARS						Total	Total	Deaths in
	all Ages	Under one Year	-	7		4	5-9	5-9 10-1415-1920-3435-4445-65	5-192	20-34	35-444	5-65	Over 65	Deaths	removed to Hospital	of persons belonging to District
Smallpox Scarlet Fever Diphtheria Enteric Fever Para-Typhoid Fever Puerperal Pyrexia Erysipelas Poliomyelitis Acute Pneumonia Meningococcal Infection Measles Whooping Cough Food Poisoning Dysentery Anthrax Ophthalmia Neonatorum Pulmonary Tuberculosis	816 31 11 12 31 12 14 17	-		12	6 1 1 1 1 2 2 2 1 1 1 1 1 1	18	312	10			1-11111-1-11-11-1			111111111111111111	1-11111111422-41101	111111111111111111
Totals	932	35	87	146 135		129	354	17	9	12	5	3	3	1	24	-

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, 1967.

And		SUPPL	IED FF	ROM P	UBLIC	MAIN	IS	ents.	Other Supplies		ber of	Total Num- ber of houses and Percentages	
PARISHES	Makerfield Water Board	Chorley Rural District Council	Liverpool	West Lancashire Water Board	St. Helens Corporation	Preston & District Water Board	TOTALS	Wells, Rainwater Tanks, etc.	Increase	Decrease	TOTAL NUMBER OF HOUSES	Percentages	
Aintree	_	-	2292		-	-/	2292	-	_	- 1	2292	100.0	
Altcar	_	_	_	448	_	_	448	1	-	-	449	99.7	
Aughton	10.330	-	Da Tran	2383	-	_	2383	-	_	-	2383	100.0	
Bickerstaffe	6	90	5	435	1	T E	447	1	-	_	448	99.8	
Bispham	77	2	-		-	-	79	-	-	-	79	100.0	
Downholland	_	-	_	305			305	TOTAL		_	305	100-0	
Halsall	_	_	-	720	_	-	720	2	_	_	722	99.7	
Hesketh Bank		OHI	E-LI	_	-	703	703	-	5-1	1-00	703	100.0	
Ince Blundell	-	6-0	157	21		_	178	-	1	_	178	100.0	
Lydiate	_	_	_	1732	_	_	1732	2	_	1	1734	99.9	
Maghull	_	_	_	6451	7	_	6458		1 100		6458	100.0	
Melling	_	_	816	1-1	_	-	816	1	1		817	99.9	
Netherton	_	_	96	_	_	_	96	_	_	19 2000	96	100-0	
North Meols	_	-	_	1035	-	6	1041	3	_	1000	1044	99.7	
Rufford	-	-	-	489	-	-	489	-	_	_	489	100 - 0	
Scarisbrick	_	74	7-1/	1035		_	1035	4	-	_	1039	99.6	
Sefton	-	11-12	649	-	-		649	-	-	-	649	100.0	
Simonswood	-,	_	_	-	65	_	65	2	_	1	65	100-0	
Tarleton	-	-	_	2	_	1160	1162	1	-	-	1163	99.9	
Thornton	_20	_	757	_	_		757	-	-	-	757	100-0	
TOTALS	83	2	4772	15056	73	1869	21855	15		2	21870	99.9	

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 these samples during 1967 showed a pure and wholesome water for human consumption.

All supplies are adequate in quantity, and there is no evidence of liability to plumbo-solvency in any of the waters.

1967—SEWERAGE AND SEWAGE DISPOSAL

During the year, modifications to the Council's Sewerage Systems and Treatment Works have resulted as follows:—

Aintree: The Bradfield Avenue pumping station diversion transfers sewage from Thornton Works to Maghull, so allowing Thornton Works and Copy Lane trunk sewer to receive flows from 235 acres of Bootle development which flows are increasing rapidly and achieving considerable proportions.

Maghull: The Maghull Sewage Works are to be extended in the immediate future at the Developers expense, to cope with the white area land recently considered for development in the revision of the Maghull Town Map.

Altcar—Hillhouse: Plans are in an advanced stage of preparation for the ultimate overloads on Thornton and Maghull to be conveyed to Hillhouse for treatment in conjunction with Aughton, Formby and several hamlet schemes, with provision in the long term for the ultimate running down of Thornton, Maghull, Aughton and Haskayne Works, together with Formby's Works at Altcar.

Aughton: Temporary works incorporating the "Passveer" ditch system have been completed to replace the old Aughton Works and are intended to deal with development from within the Aughton Control Map Area until such time that the Hillhouse scheme becomes available.

Hesketh Bank: A new treatment plant involving activated sludge treatment principles has been completed and commissioned during the year, with the elimination of small plants at Chapel Road and Shore Road.

Bispham: A "defacamat" treatment plant with a new sewerage system is now provided and treats this small hamlet.

Rufford and Scarisbrick: Major sewerage schemes for these parishes, including treatment extensions at Mere Brow, Tarleton for Rufford flows, and a new Sewage Works off Jacksmere Lane, for Scarisbrick flows, have been the subject of a Ministry Inquiry during the current year.

The following conversions have been effected during the year:-

Privies to water closets			155
Titvies to water closets	 ****	****	100
Pails to water closets	 		68
Privies to pails	 		89

SANITARY CONVENIENCES 1967

Name Rouse		CLOSET	Ассоммо	DDATION	Ref ACCOMM	
Parish		W.C's	Pails	Privies	Privy Middens	Bins
Aintree		2,292	_	000-	10001-0	2,292
Altcar		406	39	4	4	445
Aughton		2,318	45	20	20	2,363
Bickerstaffe		350	69	29	29	419
Bispham		45	SWD O	34	34	45
Downholland		221	3	81	81	224
Halsall		565	3	154	154	568
Hesketh Bank	ing in	563	120	20	20	683
Ince Blundell	10 581	150	19	9	9	169
Lydiate		1,662	13	59	59	1,675
Maghull		6,430	2	26	26	6,432
Melling	·	765	45	7	7	810
Netherton		92	4	-	an on a	96
North Meols		939	35	70	70	974
Rufford		396	45	48	48	441
Scarisbrick		907	114	18	18	1,021
Sefton		632	13	4	4	645
Simonswood		35	20	10	10	55
Tarleton		994	106	63	63	1,100
Thornton		754	2	1	1	756
TOTALS		20,516	697	657	657	21,213
Percentage		93.81%	3.19%	3.00%	3.00%	97.00%

Section E

HOUSING

STATISTICS

Number	of new houses erected during the year:	Flats	Houses & Bungalows
(i) D.	the local authority	8	30
	the local authority	-	195
	other bodies or persons	_	338
	of dwellings owned by any local authority	existing	
at end of	year		3,027
	ction of dwelling houses during the year:		
(1)	(a) Total number of dwelling houses insp		
	formally or informally for housing d		400
	(under Public Health or Housing Acts		402
	(b) Number of inspections, formal or informade for the purpose	ormai,	705
(2)			703
(2)	Dwelling houses unfit for human habitatio	n and	
	not capable at reasonable expense of rendered fit:	being	
	(a) Number found during the year		16
	(b) Number (or estimated number) at e	nd of	
	year		28
(3)	Number of dwelling houses found during	og the	
(5)	year to be not in all respects reasonably		
	human habitation, but capable of being		
	dered fit		134
2. Cleara	ance Areas (Housing Act, 1957)		
	Number of dwelling houses demolished du	ring year	Rentinge
(1)	(a) Unfit houses	ing jeur	nine a
	(b) Other houses		-
(2)	Number of persons displaced		_
3. House	es not included in Clearance Areas :		
001	.1 20 20 401 400	Num	ber of
		Houses	Persons Displaced
(1) Ho	ouses demolished or closed during year,		
	Housing Act, 1957 :—		
	(i) Demolished as a result of formal or in-	17	41
	formal procedure (Section 17(1)) (ii) Closed in pursuance of an undertaking	17	41
	given by owners under Section 17(1) and still		-
	(iii) Parts of building closed (Section 18)	3	1 7
	(iii) Parts of building closed (Section 18)		1
(2)	Repairs during the year :		111111111
	(a) Unfit houses rendered fit and house	es in	Houses
	which defects were remedied during		
	period as a result of informal action b		
	local authority under the Housing or I	Public	162
	Health Acts	***	163

	tice-House	action after es in which o		Houses
remedied (i) By Own (ii) By loca (c) Housing A formal no Houses m	ners l authority in Act, 1957— etice (Section		service of	1
(i) By Own (ii) By loca (d) Housing A 4. Unfit Houses in temporary acc (2) Number of he temporary acc (3) Number of he temporary occ 5. Housing (Financial P	l authority in Act, 1957 (Sc porary use (pouses at endocommodation parate dwell courses at endocommodation parate dwell courses at endocompation (Sec	Housing Act of year re (Section dings contains) I of year lie of	et 1957) tained for 48) ned in (1) censed for 53)	
Improvement Grants etc: Action during year	Private b	odies or	Loc Author	
Boot spilly common of	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	6 3	6 3		hostloges (a) Schoo Tmp-ti kitchens wi
(e) Additional separate dwellings included in (d) above	OF EDOD	cent or tro	inh constant	provided w
(f) Any other action take6. House Purchase and1964—Standard Grants.	Housing Ac	ct. t, 1959 and	Housing Ac	Nil. ets, 1961 &
Action during year :	Private l	bodies or iduals.		cal ority.
Inamquipe arabom Hose ousleyd to brabant Fish & Chica boroteines essimus bas s	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	84	84	A quadrature of the state of th	Powers) A
(b) Submitted by local authority to Ministry (c) Finally approved by	Delivery Vi	bpn slight	28	28
Ministry (d) Work completed	66	66	28	28

Section F

INSPECTION AND SUPERVISION OF FOOD

1. Food Hygiene

This important aspect of the Public Health Department is constantly receiving the attention of the Inspectors and generally a good standard of hygiene in food premises as required by the Food Hygiene (General) Regulations, 1960, is being maintained. Efforts to educate the food handler in providing a clean and safe commodity are made by the staff at every available opportunity.

Individual talks on the premises, pamphlets amd posters from the Central Council for Health Education and television are all useful

means of educating food handlers.

Fourteen complaints were received and investigated during the year regarding foreign articles in food and drink and in all cases the firms were notified and necessary action taken.

The Food Hygiene (Market Stalls and Delivery Vehicles) Regulations, 1966 came into operation on 1st January, 1967 and as a result extended powers of the Food Hygiene (General) Regulations are given for all street and market traders in food and to vehicles delivering food.

2. Premises where Food is sold, prepared or stored

1963 inspections were made during the year to premises where food is sold, prepared or stored. Good co-operation continues to exist with most occupiers of food premises and contraventions are generally overcome with informal action.

The new shopping centres which provide facilities for the nearby housing estates have an excellent standard of hygiene.

(a) Schools

Thirty-five schools from a total of forty-five are now provided with kitchens where meals are prepared on the premises and further kitchens are being built and should be in operation during 1968. Improvements have also been carried out to the washing facilities and most are now provided with constant hot water.

(b) Shellfish

Eighty-three premises are registered for the boiling and peeling of shrimps and all the premises comply with food hygiene standards.

Twelve samples of shellfish from the two shellfish factories in the area were submitted for bacteriological examination and all were found to be satisfactory.

These two factories are provided with the most modern equipment and so constructed as to provide a very high standard of hygiene.

(c) Hawkers

There are sixty-three known hawkers vehicles and premises registered with this Authority under the Lancashire County Council (General Powers) Act, 1951. Increased powers for control of this type of trader were given by the coming into operation on 1st January, 1967 of the Food Hygiene (Market Stalls and Delivery Vehicles) Regulations, 1966 whereby these vehicles have to provide better hygienic facilities. Efforts are now being made to make all vehicles comply with these Regulations.

(d) Poultry

There are four premises in the area where poultry are dressed and plucked on a large scale. A 'spotter' system of inspection is carried out with a final inspection by a member of the Health Department. The inspection is carried out in accordance with Circular 22/61 Code of Practice on Poultry Dressing and Practice. Two hundred and seventy-two visits were made and 1,911,132 hens and chickens, 20,800 ducks and 1,630 turkeys were inspected. 31,213 lbs. in weight of poultry were condemned.

(e) Ice Cream

There are no manufacturers of ice cream in the area but 148 shopkeepers are registered to sell wrapped ice cream.

(f) Milk Supply

Since 1959 when the Rural District was included in a specified area, only milk which has been heat treated or untreated milk from attested herds can be sold.

There is one milk pasteurising plant within the district and this is frequently inspected by Lancashire County Council officials who are responsible for the sampling of the milk and plant supervision.

Fourteen samples of untreated milk were taken by the Public Health Inspectors, three for tuberculosis and eleven for Brucella Abortus.

The tuberculosis samples proved negative but four for Brucellosis were positive.

The milk supply from these herds was transferred for heat treatment.

(g) Meat and Food Condemnation

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

PLACE	WEIGH	T Co	NDEMNEI)
	tons	cwts	lbs.	
Various retail shops and		100000000000000000000000000000000000000		
other food premises	2	12	68	

TYPES OF FOOD PREMISES

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

Cafés and Catering E	stablis	hments			66
Butchers					22
Fish & Poultry					6
Grocers	******			*****	113
Licensed Premises					51
Off Licence Shops	*****	*****			10
Greengrocers					21
Sweets					43
Fish & Chips					11
Confectionery				*****	15
Schools with kitchens					35
Schools with washing	up fac	cilities			10
Works canteens			*****		12
Food Factories			*****		8
Clubs					15

FOOD AND DRUGS ACTS, 1955

The Lancashire County Council Sampling Officer obtained a total of 275 samples of food during the year.

Of this total, 121 were milk, the remainder comprising:

2 Fruit Curd 1 Finger Rolls
2 Tapioca 1 Soft Ice Cream
1 Powdered Gelatine 1 Ground Almonds

8 Sauce 1 Fresh Carrots

3 White Pepper 1 Instant Low-Fat Skimmed Milk

1 Tarter Sauce 2 Curry Powder 3 Headache Tablets 1 Cooking Oil

2 Dripping 1 Pease Pudding, Canned 1 Gravy Mix Cubes 2 Bicarbonate of Soda B.P. 1 Milk Protein Compound 1 Dramamine Tablets

1 Tincture of Iodine 1 Borax B.P.

2 Hibitane Cream 1 Compound Iodine Tablets B.P.

3 Tincture of Iodine B.P.C. 6 Margarine 1 Gelatine 4 Meat Paste

2 Librium Capsules 3 Blancmange Powder

1 Carbrital Capsules 3 Cocoa 1 Butazolidin Tablets 1 Groundnut Oil

1 Camphorated Oil 1 Dessert Mould 1 Semolina 1 Drinking Chocolate

2 Dried Mixed Herbs, Culinary 2 Pudding Mixture 5 Canned Fish 1 Pie Filling

1 Canned Sauce 1 Sponge Mixture, Sweetened

1 Creamed Semolina Milk Pudding, Canned 1 Salted Peanuts

1 Tomato Sauce 1 Meat Spread
1 Thick Sauce 3 Boracic Acid Powder B.P.
1 Fresh Vegetables 1 Boracic Acid Crystals B.P.

1 Yoghourt 2 Cooking Fat 3 Flour Confectionery 4 Dried Fruit

1 Polony 1 Cod Liver Oil B.P. 1 Oatmeal 1 British Cream Sherry

3 Lard 2 Tonic Wine

2 Avomine Tablets 1 British Ruby Wine 2 Butter 1 Ruby Wine

3 Baking Powder 2 Peach Wine 4 Fresh Fruit 1 Wholemeal Flour

2 Coffee & Chicory Mixture 1 Condensed Milk, Full Cream,

2 Jam Unsweetened
1 Sugar 1 Biscuits
1 Cheese 1 Cauliflower
1 Bread with Wheat Germ 1 Mincemeat

4 Plain Flour 1 Sweets
1 Coffee Extract, dry 1 Cake Covering

1 White Bread 1 Bottled Queen Olives

1 Sterilised Cream 1 Bottled Fruit 1 Chocolate Spread 1 Table Jelly

1 Marzipan

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
Tomato Sauce	Contained Karaya Gum. List of ingredients states Karays Gum.	Manufacturers informed.
Thick Sauce	List of ingredients included the terms Pecta Puree and Vegicol which are not the normal names of foods. Sample contained apple and gum not otherwise declared in list of ingredients.	Manufacturers communicated with regarding Pecta Puree.
Informal milk	Contained 2 fragments of broken glass weighing in all 6.5 milligrams.	Prosecution—Fined £25 Costs: £7.17.0d.
Avomine Tablets	Not labelled with special cautionary wording.	Vendor notified.
Formal milk	Freezing point indicates 2.1% extraneous water. Fat 2.45%. Deficient 18.3% fat.	Dairy cautioned and further sample obtained. Farmer and Milk Pro- duction Officer informed.
Plain Flour	Creta praeparata only 154 milligrams per 100 grammes. Limits 235-390 milligrams per 100 grammes.	Millers informed.
Plain Flour	Creta praeparata only 59 milligrams per 100 grammes. Limits 235-390 milligrams per 100 grammes.	Millers informed.
Dried Fruit (Currants)	Contained a wheat germ and a weed fruit.	No action taken.
Lard	Sample had a very slight odour of burnt fat but this seemed to dis- appear on heating. It did not splutter on heating. Complainant's observa- tions may have arisen from use of pan which was not quite dry.	Complainant informed.
Informal milk	Fat 2.65%. Deficient 21.6% fat.	Dairy cautioned and further sample obtained.

FACTORIES

The total number of factories with and without mechanical power

is 179.

145 inspections were made and 13 defects found, 13 defects being remedied.

1. Inspections

	Number	Number of			
Premises	on Register	In- spections	Written Notice	Occupiers Prosecuted	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authority	16	18	2	1950-101	
(ii) Factories not included in (i) in which Sec. 7 is enforced by the Local Authority	139	101	6		
(iii) Other premises in which Sec. 7 is enforced by Local Authority	24	26	5	III. Apr	
TOTAL	179	145	13	1300	

2. Defects Found

	Num	Number of cases			
Particulars			Refe	in which Prosecu-	
	Found	Remedied	To H.M. Inspector	By H.M. Inspector	tions were in- stituted
Want of cleanliness (Sec. 1)	8	8		_ 100	n Tanggara
Overcrowding (Sec. 2.)	_	_	_	-	_
Inadequate ventilation (Sec. 4) Ineffective drainage of floors	outto tal	oga Tilor li	1965 TOM	- di	Sauttow)
(Sec. 6)	-	_	-	_	-
Sanitary conveniences (Sec. 7) (a) Insufficient (b) Unsuitable or defective		2 3	-	-	m lamo
(c) Not separate for sexes	3	3	THE DE	1	
Other offences against the Act	_	= 1	=	=	
Totals	13	13		1	-
	Allin se	vino show	bent simi	Manager 1	Tain Floor

Returns from neighbouring Local Authorities show that the number of outworkers residing in this area is 6. They are engaged in the making of wearing apparel.

THE RENT ACT, 1957.

	THE REIT ACT, 1991.	
	Part I—Applications for Certificates of Disrepair	
1.	Number of applications for Certificates	8
2.	Number of decisions not to issue Certificate	Nil
3.	Number of decisions to issue Certificates	man bal
	(a) In respect of some but not all defects	4
	(b) In respect of all defects	4
4.	Number of Undertakings given by Landlords under proviso to paragraph 5 of the 1st Schedule	6
5.	Number of Undertakings refused by Local Authority under	
7	proviso to paragraph 5 of the 1st Schedule	Nil
6.	Number of Certificates issued	2
	Part II—Applications for Cancellation of Certificates	
7.	Applications by Landlords to Local Authority for Can- cellation of Certificates	4
0		Nil
8.	Objections by tenants to Cancellation of Certificate	1411
9.	Decisions by Local Authority to cancel in spite of tenants objections	Nil
10.	Certificates cancelled by Local Authority	4
	Part III—Applications for Certificates as to the Remedying of Defects Specified in a Landlords Undertaking to Remedy Defects	
11.	Applications by tenant	Nil
12.	Applications by owner	3
13.	Certificates granted to tenant	Nil
14.	Certificates granted to owner	3

Eight applications were received for Certificates of Disrepair during the year, and owing to the failure of the owners to give undertakings it was necessary for two Certificates of Disrepair to be issued.

Four Certificates of Disrepair issued in previous years have been cancelled because of the necessary repairs having been carried out to the satisfaction of the Local Authority and the tenant.

Three applications by owners for Certificates as to the Remedying of Defects as specified in the Landlords Undertaking to remedy repairs were submitted and three Certificates were granted.

One pre-war housing estate in Maghull is the principal cause for work under this Act.

Records show that there are now fifty-two outstanding Certificates of Disrepair since the operation of the Act in 1957.

CLEAN AIR ACT, 1956

Observations of chimneys appertaining to industrial plants were continued during the year for the emission of dark smoke and it was obvious from these observations that there was little air pollution from such sources.

The majority of atmospheric pollution in the more densely populated parishes is from domestic chimneys.

Five applications for prior approval for new boiler equipment were received and in two cases alterations were required before approval could be granted.

Five plans were submitted for new chimneys and again in two cases alterations in heights were necessary before approval was granted.

THE PREVENTION OF DAMAGE BY PESTS ACT, 1949

It is the statutory responsibility of all local authorities to ensure as far as possible that their areas are kept free from rats and mice and to enforce the duties of owners and occupiers under the Act.

To enforce this Act without practical assistance being provided by the local authority is not advisable as it would involve many notices and visits so this Council employ one full-time rodent operative and one part-time operative. Private premises are treated free of charge, whilst owners or occupiers of business premises or agricultural lands are required to reimburse the local Authority for costs incurred.

All reported infestations of rats or mice are investigated and the sewerage system is treated twice annually to control any infestation.

Development of agricultural land on the many new housing estates is still the principal cause of complaint with other infestations on farms and other agricultural holdings. From the work done by the Rodent Operatives it will be seen that generally the farming community are complying with the Act by doing the work of eradication themselves with the approved baits easily obtained.

Mice in houses which were difficult to eradicate with Warfarin are being poisoned very successfully with 'Alphakil'.

It has not been necessary during the year to institute legal proceedings under the Act, all work having been carried out with good co-operation between owners and the Health Department.

REPORT FOR THE YEAR ENDING 31st DECEMBER, 1967 PREVENTION OF DAMAGE BY PESTS ACT, 1947

		TYPE OF P	ROPERTY
		Non-Agricultural	Agricultural
1.	Number of Properties in district	22,955	653
2.	Total No. of Properties inspected:- (a) Following notification	472	13
	(b) No infested by (a) Rats	360	13
	(b) Mice	112	cla-sin g- reiG
3.	(a) Total No. of Properties inspected for rats or mice for reason other than notification.	15 2,264	120
	(b) No. infested by (i) Rats	. 54	4
	(ii) Mice	14	mod leok

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

Provision is made under this Act for the health, safety and welfare of persons employed in such premises. Work under the Act is subject to a separate report to the Ministry of Labour.

The factory inspectorate are responsible for the enforcement of the Act in offices connected to factories, crown offices and local authority offices and the local authority are responsible for all other shops and offices.

The tables below give the actual number of registered premises in their various classes, together with the number of employees, male and female, in each classification, and an analysis of contraventions of the Act.

217 inspections were carried out during 1967, this figure including visits for registration of premises.

Six accidents were investigated and advice was given where necessary so as to prevent future accidents of a similar nature. It is pleasing to note that there were no serious accidents.

Registration of Offices and Shops is obligatory upon the proprietors of both types of premises, but it is still felt that further publicity on this matter would ease the work of the Health Department.

LIST OF REGISTERED PREMISES AND NUMBER OF EMPLOYEES 31st DECEMBER, 1967

Type of Premises	1966 Totals	Closed Down	New Regis- trations	Totals 1967	Males	Females	Totals
Offices	90	1	1	90	181	891	1072
Shops	205	10	22	217	182	598	780
Wholesale Shops, Warehouses	7	_	1	8	26	18	44
Catering Establishments, Canteens	61	2001	2	63	202	347	549
Fuel Storage Depots	2	_	_	2	5	_	5
Totals	365	11	26	380	516	1854	2450

ANALYSIS OF CONTRAVENTIONS

Number of Contraventions Found		Number of Contraventions Found		
Unsatisfactory Lighting:— (a) In shops (b) In stockrooms (c) In offices	10	Washing Facilities:— (a) Insufficient (b) No hot water (a) No soap and towels (d) Unclean	1 6 1 2	
General Uncleanliness	1		-	
No seating accommodation	1	Eating Facilities :— (a) Unsatisfactory (b) None	2	
Sanitary Accommodation :— (a) Insufficient	-	First Aid Provisions	10	
(b) No lighting (c) Defective	5	Thermometer	25	
Clothing Accommodation	4	Floors, Passages and Stairs	4	
		Abstract	29	

SUMMARY OF VISITS MADE BY THE PUBLIC HEALTH INSPECTORS, 1967

Visits to dwelling houses (Public Health Act,	Hous	ing Acts	and	
Rent Act)				2,474
Visits to houses re Improvement Grants				360
Visits to Offices, Shops and Railway Premises	3			217
Visits re Water Supplies				572
Visits re Drainage			12	238
Visits re Rodent Control			****	485
Visits re Cases of Infectious Diseases	·			26
Visits re Verminous and Dirty Premises			····	35
Visits to Schools				31
Visits to Shops (Shops Act)				63
Visits to Food Shops, Canteens, Licensed	Pren	nises, C	afes,	
(Food Hygiene Regulations)			****	1,267
Visits to Ice Cream Premises		· ···		168
Visits to Ice Cream Premises Visits to Hawkers and Hawkers' Premises		···		
				168
Visits to Hawkers and Hawkers' Premises				168 120
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers		 pyraoO boog		168 120 52
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises		 pyraoO boog		168 120 52 272
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises Visits re Milk Sampling		 pyraoO boog		168 120 52 272 52
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises Visits re Milk Sampling Visits re Shell Fish Sampling		hora 20 hora animal		168 120 52 272 52 6
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises Visits re Milk Sampling Visits re Shell Fish Sampling Visits re Food Condemnation		hora 20 hora animal		168 120 52 272 52 6 26
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises Visits re Milk Sampling Visits re Shell Fish Sampling Visits re Food Condemnation Visits re Waste Food Order (Piggeries)		hora 20 hora animal		168 120 52 272 52 6 26 36
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises Visits re Milk Sampling Visits re Shell Fish Sampling Visits re Food Condemnation Visits re Waste Food Order (Piggeries) Visits re Factories and Outworkers Premises		hora 20 hora animal		168 120 52 272 52 6 26 36 145
Visits to Hawkers and Hawkers' Premises Visits to Shrimp Boilers and Pickers Visits to Poultry Dressing Premises Visits re Milk Sampling Visits re Shell Fish Sampling Visits re Food Condemnation Visits re Waste Food Order (Piggeries) Visits re Factories and Outworkers Premises Visits re Animal Boarding Establishments		hora 20 hora animal		168 120 52 272 52 6 26 36 145 31



