## Contributors

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Wellcome Collection 183 Euston Road London NW1 2BE UK T +44 (0)20 7611 8722 E library@wellcomecollection.org https://wellcomecollection.org Urban District Council of Ince-in-Makerfield



# ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH FOR THE YEAR 1964



URBAN DISTRICT COUNCIL OF INCE-IN-MAKERFIELD

# for 1964 of the Medical Officer of Health

# INCE-IN-MAKERFIELD URBAN DISTRICT COUNCIL

+ ...+

# Public Health Committee

Chairman : Councillor J. HORROCKS, J.P.

Vice-Chairman : Councillor S. C. BALDWIN

Councillors :

G. BYRNE Z. CHARMAN J. HALLIWELL W. MOSLEY A. ROWLANDSON, J.P. T. DOWNING J. GOULDING, J.P. C.C. MRS. A. SHERRATT W. R. SIMM R. TAYLOR MRS. D. TURNER

# Public Health Officers

Medical Officer of Health :

G. H. POTTER, M.B., Ch.B., M.R.C.S., L.R.C.P., D.P.H. Retired May 1964.

R. SCHOFIELD, M.B., Ch.B., D.C.H., D.P.H. Appointed May 1964.

#### Senior Public Health Inspector :

#### T. HAILWOOD

Certificate, Royal Sanitary Institute and S.I.E.J.B. Meat Inspector's Certificates—Royal Sanitary Institute. Liverpool University

#### Additional Public Health Inspector :

#### H. TOPPING

Certificate, Royal Sanitary Institute and S.I.E.J.B. Meat Inspector's Certificates—Royal Sanitary Institute. Liverpool University

#### Clerk :

MISS B. BRADLEY

# Ince-in-Makerfield Urban District Council

# To the Chairman and Members of the Public Health Committee

Sir, Ladies and Gentlemen,

I have pleasure in submitting to you the Annual Report on the health of the district for the year 1964 compiled in the form indicated by the Ministry of Health.

I take this opportunity of tendering my best thanks to the Officials of the Council, the Staff of the Health Department, and especially to the Public Health Inspectors for valuable help and co-operation at all times.

I desire also to express to the members of the Public Health Committee my appreciation of the courtesy and consideration they have always displayed towards me.

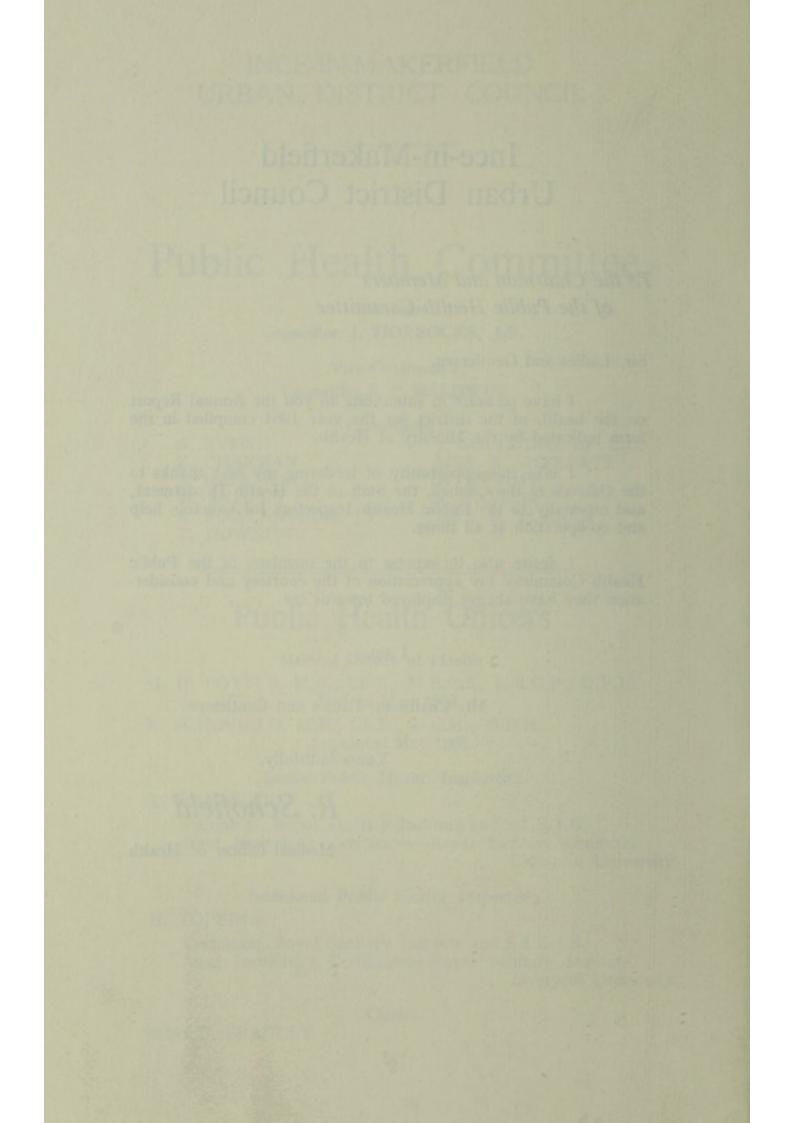
I am,

Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

R. Schofield

Medical Officer of Health



Area: 2320 acres

Population (Census 1961) : 18,027 Estimated mid-1964 (Registrar General): 17,740

Total Number of Houses (Census 1951) : 5402 Number of Inhabited Houses at end of 1964 according to Rate Books : 5782

Rateable Value : £442,917

Sum represented by a Penny Rate : £1910 (gross)

Ince is essentially an industrial area, the principal industry being coal mining. In addition, wagon works, railway works and cotton spinning mills give employment to both sexes.

Male	Female	TOTAL
Legitimate 162	131	293
Illegitimate 3	4	7
TOTAL165	135	300
Male	Female	TOTAL
Legitimate 5	1	6
Illegitimate 1	0	1
TOTAL 6	1	7
Male	Female	TOTAL
Legitimate 5	2	7
ge Illegitimate 0	2 0	7 0
•		
ge Illegitimate 0	0	0
ge Illegitimate 0 TOTAL 5 Male Legitimate 5	0 2	0 7
ge Illegitimate 0 TOTAL 5 Male	0 2 Female	0 7 TOTAL
ge Illegitimate 0 TOTAL 5 Male Legitimate 5	0 2 Female 2	0 7 TOTAL 7
	Legitimate 162 Illegitimate 3 TOTAL165 Male Legitimate 5 Illegitimate 1 TOTAL 6	Legitimate162131Illegitimate34TOTAL165135MaleFemaleLegitimate51Illegitimate10TOTAL61

VITAL STATISTICS

5

Adjusted Birth Rate per 1,000 of the estimated population mid-1960......17.4

Adjusted Death Rate per 1,000 of the estimated resident population..14.5 Still Birth Rate per 1,000 Total (live and still) Births......22.8

		T ino	I ine Birthe	Dar	Dathe	C+ill 1	Ctill Birthe	Matarnal	lenn	II	Infant Mortality	ortality	
		TIVE	SILUIS	(All C	(All Causes)	- IIInc	SILLIN	Mortality	ality	Total	tal	Neo-	Neo-Natal
	5	No. Regis- tered	Rate per 1000	No. Regis- tered	Rate per 1000 non'n	No. Regis- tered	Rate per 1000 Total Births	No. of Deaths Regis- tered	Rate per 1000 Total Births	No. of Deaths Regis- tered	Rate per 1000 Live Births	No. of Deaths Regis- tered	Rate per 1000 Live Births
Year 1964	:	300	*16.9	203	*11.4	2	22.8	liN	liN	2	23-3	2	23-3
Year 1963	:	289	16.1	215	11.9	4	13.7	liN	liN	10	34.6	8	27-7
Year 1962	:	295	16.3	219	12.1	6	29.6	Nil	liN	10	33-9	6	27-1
Year 1961	:	297	16.4	245	13.5	12	38.8	liN	liN	2	16.8	4	13.5
Year 1960	:	311	15.6	209	10.5	12	37.2	liN	liN	6	28-9	2	22.5
Year 1959	:	294	14.7	223	11.2	13	42.3	liN	liN	8	27-2	5	17-0
Average 5 years 1959—1963	:	and h	16.3	I	11.9	1	28.4	1	liN	I	27.5	1	1
PF*	ijust	ted [liv	e birth ath rat	rate (com	omparal	bility fa ty facto	tctor-1	*Adjusted [live birth rate (comparability factor— $1.03$ )= $17.4$ per 1000 [Death rate (comparability factor— $1.27$ ) = $14.5$ per 1000]	7.4 per	1000]			quit

6

# In the next Table are shown the chief causes of Death and number of Deaths from each cause in 1964 as compared with the previous year.

Cause of Death N	o. of	Deaths 1964
Tuberculosis, respiratory	2	0
Tuberculosis, other	0	0
Syphilitic Disease	0	0
Diphtheria	0	0
Whooping Cough	0	0
Meningococcal Infections	0	0
Acute Poliomyelitis	0	0
Measles		0
Other Infective and Parasitic Diseases	0	14
Cancer	31	16
Leukaemia, aleukaemia	2	0
Diabetes	1	5
Vascular lesions of nervous system	25	27
Coronary disease angina	42	31
Hypertension with heart disease	6	3
Other heart disease	21	26
Other circulatory disease	8	9
Influenza	0	1
Pneumonia	4	5
Bronchitis	20	20
Other diseases of respiratory system	3	2
Ulcer of stomach and duodenum	2	3
Gastritis, enteritis and diarrhoea	1	1
Nephritis and nephrosis	2	3
Hyperplasia of prostate	2	0
Pregnancy, childbirth and abortion	0	0
Congenital malformations	1	0
Other diseases	31	29
Suicide and violent deaths	11	8
	215	203

#### LABORATORY ARRANGEMENTS.

Bacteriological examinations are carried out by the Pathological Department of the Wigan Royal Infirmary and by the Public Health Laboratories, Monsall, Manchester. Bacteriological and chemical examinations of water samples are carried out by the City Analyst, Liverpool. A report on every examination is made to the Public Health Department.

During 1964 reports were made to the Authority on the following specimens : 3 samples of Water, 18 samples of Milk and 18 samples of Ice Cream.

#### AMBULANCE ARRANGEMENTS.

During the year Non-Infectious, Infectious, Accident and Maternity Cases were dealt with adequately by the motor ambulances belonging to the Lancashire County Council stationed within Health Division No. 8.

#### NATIONAL ASSISTANCE ACT, 1948.

No applications were received during the year under sub-section 3, section 47, of the National Assistance Act, 1948.

#### 3. Sanitary Circumstances of the Area.

#### WATER SUPPLY

The District is supplied with water from deep wells at Golborne and the Rivington Reservoirs belonging to Liverpool Corporation. The water is found to be pure bacteriologically, the supply being constant and sufficient. No fluoride is added to the water.

The Statutory Water Undertaker is now the Makerfield Water Board which assumed responsibility for the supply of water to the district on 2nd October, 1961. During the year three bacteriological examinations of the public water supply were made and found to be satisfactory.

All houses in the District have a piped supply of water from the main, with the exception of the house known as Bank Top House on the Aspull boundary, whose supply is derived from an adjacent spring. It is not possible at a reasonable expense to connect this house to the Public water main.

No. of houses with a piped supply direct fro	om th	e	
public water mains			 5781
No. of houses supplied from Springs			 1
No. of houses supplied by stand pipe			 NIL

#### DRAINAGE AND SEWERAGE

The combined system of drainage is in general operation throughout the district, apart from the Battersby Street and Industrious Bee Housing Estates, where the separate system of drainage is employed. One sewage disposal works is operated to carry out normal treatment of sewage and portions of the district are drained to Hindley U.D. and Wigan C.B. Two sewage pumping stations are incorporated in the sewerage system.

During the year, 202 inspections were made in connection with drainage.

No. of choked drains cleared by the Council ... 146

No. of houses where new drainage was provided ... 30

The sanitary accommodation in the District at the end of the year was :---

No. of freshwater close	ets	 	 6035
No. of pail closets		 	 26
No. of privy middens		 ••••	 17

#### PUBLIC CLEANSING

Street scavenging and removal of house refuse are undertaken by the Local Authority. Street cleansing is under the control of the Surveyor, 16.13 miles of streets being cleansed by 3 men with 3 Street Orderly Carts and 1 man operating a Mechanical Sweeper.

The collection and disposal of household refuse is under the supervision of the Public Health Inspector. Three S.D. Freighter Motor Vehicles were engaged regularly on the collection of household refuse and the emptying of the few privy middens and pail closets that still remain. On one half day per week they are employed in the collection of waste paper from shops. The staff engaged on these duties comprises 3 drivers and 13 labourers. The average interval between collections is 9 days for dust bin refuse and 4 weeks for privy middens. During the year, refuse was disposed of by controlled tipping at Fir Tree and Ince Moss tips.

Under the provisions of Section 75/3 of the Public Health Act, the Council provide and maintain dust bins for domestic refuse, the expense being met from the general rate fund. During the year 270 dust bins were replaced, and 30 supplied to new houses.

At the end of the year there were 5838 dust bins, 17 privy middens and 26 pail closets within the District. The amount of refuse dealt with was as follows :---

No. of loads of refuse removed		3840
Approx. weight of refuse removed		7420 tons
Approx. No. of dust bins emptied	20	1,000
Approx. No. of privy middens emptied	anod. To	240
Approx. No. of pail closets emptied		1300

#### Salvage of Waste Paper

An incentive bonus scheme was adopted by the Council in 1951, and the workmen engaged on salvage collection are given a bonus at the rate of 33.33% on all waste paper above  $4\frac{1}{2}$  tons per month.

Total amount and value of salvage collected during 1964

	Tons	Cwts.	Qrs.	£ s. d.
Waste Paper	 14	17	0	115 1 9

#### SANITARY INSPECTION OF THE AREA

To secure the abatement of nuisances discovered, the following action was taken during the year :--

No. of informal notices served	 	276
No. of informal notices abated	 	201
No. of statutory notices served	 	44
No. of statutory notices abated	 	33

#### Record of Nuisances found and remedied

No. of complaints received	 	1023
No. of nuisances and defects found	 	1212
No. of nuisances and defects abated	 	1001
(a) as a result of informal action	 	817
(b) as a result of statutory notice	 	184

#### RENT ACT, 1957

During the year the following applications and undertakings were dealt with in respect of repairs to houses where the rent had been increased.

No.	of	applications for Certificates of Disrepair	5
No.	of	Certificates of Disrepair issued	5
No.	of	Undertaking received	1
No.	of	revocations of Certificates of Disrepair	0
No.	of	Certificates as to Remedying of Defects	0

#### TENTS, VANS AND SHEDS

There is one licensed site to house 51 caravans situated in Careless Lane, Ince. The licence was issued subject to the site being brought to the standard set out in the Model Byelaws.

Additional water closets, showers, deep sinks, hot water supply and water points have been supplied but some work still remains to be done.

#### CLEAN AIR ACT, 1956

The Council is a member of the Manchester and District Regional Clean Air Council.

There are 27 factory and works chimneys within the District. No formal action regarding smoke abatement was necessary during the year, co-operation with local works managers being readily obtained. Most of the factories have now been converted to oil-fired boilers.

Byelaws have been made under Section 24 of the Clean Air Act, 1956, with regard to the installation of approved heating and cooking appliances in new buildings.

#### SWIMMING BATHS AND POOLS

There are none in the District.

#### VERMINOUS PREMISES

During the year 16 Council houses and 8 other houses were found to be infested with bugs. These houses were treated with Zaldecide, a disinfectant containing 5% D.D.T., which has been found to be highly efficient. Periodical inspections of these houses are carried out to prevent re-infestation.

The premises and furniture of families being re-housed from slum clearance areas are disinfested prior to removal to Council houses.

#### OFFENSIVE TRADES

There is only one registered offensive trade (tripe boiler) situate in the District. The trade is carried on without offence.

#### COMMON LODGING HOUSES

There are no registered common lodging houses in the district.

#### FACTORIES

The following table gives particulars of the inspections during the year under Part 1 of the Factories Act, 1937, and an analysis of the defects which were found, with particulars of the action taken.

# FACTORIES — DEFECTS FOUND

	N	UMBER OF	N 10 .		
Particulars	Found	Remedied	Referred to H.M. inspector	Referred by H.M. Inspector	No. of offences in respect of which Prosecutions were instituted
Nuisances under the Public Health Acts — Want of Cleanliness	4	4		1	
Want of Ventilation	-	-		-	a south of the
Overcrowding	an <u>ul</u> ai	-		-	indeparta land
Want of Drainage of floors	_	_	_	_	100 U (100 U)
Other Nuisances	-	-	-		-
Sanitary Conveniences — Insufficient	2	2	-	-	-
Unsuitable or defective	6	6	-	3	-
Not separate for sexes	-		-	-	war arra bar
Other Offences	_		-	_	ferre(rest)
TOTALS	12	12		6	

Premises	No. on Register	No. of Inspect'ns	No. of written Notices	No. of occup'rs pros'ted
Factories without Mechanical Power Factories with	2	4	al	-
Mechanical Power	65	74	-	-
Other premises	2	4	W. Ture	
TOTALS	69	82	biver provide	

Under Part VIII of the Act, visits were made to premises occupied by four outworkers. The premises were satisfactory.

#### CANAL BOATS

No canal boats were inspected during the year.

#### SCHOOLS

The water supply to the Schools in the area is constant and sufficient.

The majority of the Schools are provided with separate W.C.'s, each with its own cistern and flushing provision, but in certain schools there still remain forms of automatic flushing. It is desirable in the interest of hygiene that these should be replaced by water closets of the independently flushed type. Regular lime-washing of conveniences is arranged for by the Education Authority in the case of all Schools in the area.

A canteen is provided at each school for the taking of school meals, and these are in a satisfactory condition.

#### RODENT CONTROL

The number of properties inspected regarding the infestation of rats and mice was 174. A part time rodent operator is employed by the Council, and under the supervision of the Public Health Inspector deals effectively with all infestations discovered.

The sewers were treated twice during the year. 198 man-holes were baited on the first treatment 29 being found to be infested and 109 man-holes on the second treatment, 6 being found to be infested.

The treatment of infestations found at dwelling houses is carried out free of charge, but a charge is made for the treatment of business premises.

The types of bait and poison used during treatments were sausage rusk and zinc phosphide, bread mash and arsenic oxide, and warfarin.

#### PET ANIMALS ACT, 1951

This Act provides for a system of licensing and inspection by Local Authorities of Pet Shops. The main purpose is to enforce reasonable treatment and accommodation of pet animals during their sale or keeping for sale. One person is licensed in the district to keep a Pet Shop. The premises are inspected regularly to ensure that the provisions of the Act are complied with.

#### RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Rag flock and other filling materials to which this Act applies may only be manufactured, stored or used in the course of business on premises registered or licensed by the Local Authority. There are no premises used for such purposes within the District.

#### PETROLEUM (REGULATION) ACTS 1928 AND 1936

22 licences to store Petroleum were issued for the year 1964 in respect of 22 premises, 28 inspections being made for this purpose. One licence for the storage of Calcium Carbide was also issued.

15

## 4. Housing.

The township consists chiefly of working class houses, which areold in type, and congested in certain areas.

Mining subsidence is responsible for much damage to structure, and old houses are continuously in need of repairs.

During 1964, the erection of 220 dwellings on reclaimed land at the Industrious Bee site was completed. This permitted the rehousing of 220 families from slum clearance areas. Work on the erection of 46 houses and 16 flats on the Raven Street site was commenced during the year.

#### HOUSING STATISTICS.

Number of new houses erected during the year :

		Houses	Flats
(i)	By the Local Authority	 8	-
(ii)	By other Authorities	 	-
(iii)	By other bodies and persons	 22	_

#### 1. Inspection of dwelling-houses during the year :--

(1)	(a)	Total	number	of	dwellin	g-hous	es insp	pected	for	
		housi	ng defee	cts (ur	nder P	ublic H	Health o	or Hou	ising	
		Acts)								456

(b) Number of inspections made for the purpose ... 644

- (2) Dwelling-houses unfit for human habitation and not capable at reasonable expense of being rendered fit :
  - (a) Number found during year ... ... 408
    (b) No. (or estimated No.) at end of year ... ... 805
- (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 ... ... ... 301.

-2.	Houses Demolished :	Houses		ed during Tear
	In Clearance Areas - (Housing Act,	Demol- ished	Persons	Families
	1957):	methodenic	0 10 210	Dro
	(1) Houses unfit for human habita- tion	15	30	7
	(2) Houses included by reason of	alut 1	h gains	T. No
	bad arrangement. etc	NIL	10000	-
	<ul><li>(3) Houses on land acquired under Section 43(2), Housing Act,</li></ul>	Surface ( a)	MARI	Phaneters!
	1957	NIL		
	Not in Clearance Areas : (4) As a result of formal or informal	Comercy album	minado	esterning.
	procedure under Section 17(1),	No. Doch	53	15
-	Housing Act, 1957	31	55	15
-3.	Unfit Houses Closed :	Number	TOLUME	1.4.
0.	Article	ginodiu		
	(1) Under Sections 16(4), 17(1), and 35(1), Housing Act, 1957	NIL	imdo P	(4)
	(2) Under Sections $17(3)$ and $16$ ,	MIL	111. 15	
	Housing Act, 1957	NIL	11-1	(6)-
	(3) Parts of buildings closed under Section 18, Housing Act, 1957	NIL		
4.	Unfit Houses Made Fit and Houses in y	which	By	By Local
	Defects were Remedied :		Owner	Authority
	(1) After informal action by Local Auth	nority	201	
	(2) After formal notice under (a) Public Health Acts	1	33	-
	(b) Housing Act, 1957		NIL	_
	(3) Under Section 24, Housing Act, 19		NIL	1011 8
-5.	Unfit Houses in Temporary Use (Housing Act, 1957) :	Number o		er of sep- dwellings
	Position at end of year:	Houses (1)	cont	ained in umn (1)
	(1) Retained for temporary accom-			
	modation—	NIT		
	(a) Under Section 48 (b) Under Section 17(2)	NIL NIL	-	
	(b) Under Section $17(2)$ (c) Under Section 46	NIL		
	(2) Licenced for temporary occupa-			
	tion under Sections 34 or 53	NIL	1	

6. Purchase of Houses by Agreement :--

Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased during the year ........

Number of Houses (1)	Number of occupants of houses in Col. (1)- (2)
NIL	

<ol> <li>Housing Act, 1949, and Housing (Fin- ancial Provisions) Act, 1958</li> </ol>		ate bodies or dividuals	Loca	al Authority
Improvements grants etc. : Action during year : (a) Submitted by private indivi-	No. of schemes	No. of dwelling houses or other buildings affected		No. of dwelling houses or other buildings affected
duals to local authority		9		
(b) Approved by local authority	NIL	1		a. Cala H
(c) Submitted by local authority to Ministry	NIL	in a second s		
(d) Finally appro- ved by Ministry	NIL	antin - milita	1 10 1	and the second
(e) Work completed	NIL	1	21_140	-
(f) Additional sepa- rate dwellings included in (e)		in har 11 st	M. marr	Ar Linds Ho Dalagia
above	NIL			-

(g) Any other action taken under the Act

NIL

<ol> <li>House Purchase &amp; Housing Act, 1959</li> <li>—Standard Grants :— Action during year:</li> </ol>	No. of dwellings or other build- ings affected
(a) Submitted to local authority	42
(b) Approved by local authority	44
(c) Work completed	33

#### MEAT INSPECTION

There is no slaughter-house in the District. The meat supply for the District is obtained from the surrounding towns.

#### UNSOUND FOOD

The various food stuffs detailed in the following table were examined and found to be unfit for human consumption. All were voluntarily surrendered by the owners and destroyed by incineration and by burying on the Council's Refuse Tip.

Article	Co	ntainer	Weight		
			LBS.	ozs.	
Cooked Ham and Tongue	210	tins	1860	0	
Corned Beef, Luncheon					
Meat, Steak etc.	90	tins	270	0	
Soups	34	tins	17	0	
Tomatoes	88	tins	44	0	
Pineapples, Pears, Peaches	62	tins	42	0	
Condensed Milk, Cream	21	tins	9	0	
Rice Pudding	16	tins	8	0	
Pilchards and Salmon	12	tins	6	0	
Peas, Beans and Carrots	82	tins	52	0	

List of Unsound Foods condemned during 1964

1

FOODS AND DRUGS ACT, 1955

The Lancashire County Council are the "Authority" under this-Act, and the following samples were taken by the County Public Health Inspector.

A total of 82 samples was obtained, consisting of 49 samples of milk, (4 of which were samples of Channel Islands milk) and 33 others. comprising :--

1	Nembutal capsules	1 New potatoes
	Vegetables, fresh onions	1 Vegetables, fresh carrots
	Tomatoes, fresh	1 Pie Filling
1	Table jelly	1 Cut mixed peel
	Biscuits	1 Potato crisps
1	Golden raising flour	1 Buttered cheese spread
	Fish, canned	1 Tapioca
	Shrimps in brine (jar)	1 Tea
	Fruit curd	1 Gravy browning
	Butter	1 Margarine
1	Salad Cream	1 Olive oil B.P.
	Zinc ointment B.P.	1 Boric acid ointment B.P.
	Glycerine B.P.	1 Tincture of iodine B.P.
	Penicillin Lozenges	1 Phenoplex B. tablets
	Lard	1 Sweets
-	NAME AND ADDRESS OF A DRESS OF A D	

I give below details of those samples upon which the County Analyst gave adverse reports :---

Type of Sample	Result of Analysis	Action Taken
1 Informal milk	Contained 0.01 International Unit penicillin per ml.	Dairy informed
1 Informal Channel Islands milk	Contained 0.03 International Unit penicillin per ml.	Dairy informed
1 Informal milk	Freezing point indicated presence of 0.51% extraneous water.	Vendor cautioned Further sample obtained
1 Informal milk	Freezing point indicated presence of 0.17% extraneous water.	Vendor cautioned
1 Informal milk	Freezing point indicated presence of 0.8% extraneous water.	Vendor cautioned

#### MILK SUPPLY

The licensing of milk dealers and premises under the Milk and Dairies Regulations is now carried out by Lancashire County Council.

A total of 18 samples of milk were submitted for examination during the year with the following results :---

Tupo of Mills				hatase est	Tuberculosis Test		
Type of Milk	Satis- factory	Unsatis- factory		Unsatis- factory	Satis- factory	Unsatis- factory	
Pasteurised	18	_	18	-	_	_	
Tuberculin tes- ted Pasteurised	18	-	18	-	-	-	

#### ICE-CREAM

There is one ice-cream manufacturer in the district who produces loose ice-cream. The premises are of recent construction and contain modern equipment. Samples of the ice-cream produced were taken regularly during the year and were found to be satisfactory.

164 inspections were made of the 68 premises, mostly mixed businesses, which are registered for the sale of pre-packed ice-cream, modern refrigerators being provided in all cases for the storage of the ice-cream.

18 samples of the various ice products sold within the District were submitted for bacteriological examination and were classified as follows:-

Grade 1	 	 	 	8
Grade 2	 	 	 	8
Grade 3	 	 	 	2
Grade 4	 	 	 	0

#### INSPECTION OF FOOD PREMISES

The majority of food premises in the district have been inspected under the Food Hygiene Regulations 1955, and considerable improvements have been made in a number of cases.

Type of Business		-	No.
Bakehouses	 	 	13
Butchers Shops	 	 	17
Fish and Chip Shops .	 	 	21
Wet Fish Shops	 	 	6
Ice-Cream Manufacturers		 	1
Mixed Businesses	 	 	122
Greengrocers Shops	 	 	9
Food Hawkers Premises .	 	 	7
Public Houses	 	 	35
Canteens and Snack Bars	 	 	33

The following are the number of food premises, by type of business, in the district.

The number of food premises registered by the local authority and the number of inspections made are :--

Type of Business	No. Registered	No. of Inspections
Ice-Cream Manufacturing Premises	1	8
Shops registered for sale of Ice-Crea	.m68	164
Butchers Shops	17	49
Food Hawkers Premises	7	15

10 hawkers of food products, fish, fruit and vegetables are registered under the Lancashire County Council (General Powers) Act,-1951, which was adopted by this authority in January 1952.

#### FOOD POISONING

No cases of food poisoning were notified during the year.

#### 6. Prevalence of, and Control over, Infectious Disease.

During 1964, cases of infectious disease requiring hospital treatment were removed to Whelley Hospital.

Five cases of Scarlet Fever were notified during the year, as against none in 1963.

No cases of Diphtheria were notified during the year, or in the previous year.

Supplies of Diphtheria Antitoxin are kept at the Divisional Health Office and the local hospitals, and are always available to the medical practitioners.

Free immunisation is provided for any pre-school or school child, and is performed by the Medical Officer at the Central Clinic.

	re-School Children	School Children	Adults
Triple Antigen (Diphtheria	171	1	Nil
Whooping Cough & Tetanus) Primary Re-inforcement		Nil	Nil
	INII	INII	INII
Combined Antigen (Diphtheria and Tetanus) Primary	12	35	Nil
Re-inforcement	19	177	Nil
Poliomyelitis: Primary	181	36	23
Re-inforcement	7	118	Nil
Smallpox Vaccinations: Primary	47	4	18
Re-inforcemen	t Nil	Nil	10
Diphtheria only: Re-inforcement	1	3	Nil

The following statistics relate to the year 1964 and show the number of persons resident in Ince who were immunised and vaccinated during the year.

No preliminary and no post-Schick tests were undertaken.

No immunisation against the Enteric Group was undertaken during 1964.

CASES OF INFECTIOUS DISEASES NOTIFIED DURING THE YEAR 1964

	Total	cases removed to Hospital		1			1	-	.1	1	1
		Age un- known	1	1	1	1	1	1	1	1	1
2	25 and over		1	I		-	1		-	1	1
		15—	61	1	1	1	1	1	1	1	1
IED	ARS	10	5	1	1	1	5	1	1	1	1
NOTIF	S-YEA	5	1	61	1	1	70	1		1	-
TOTAL CASES NOTIFIED	AGE PERIODS-YEARS	-+	1			1	40		1		
TOTAL	AGE 1	3—	1	i		1	40	1	1	1	1
		2	1	1	1	1	36		1	1	1
		7			1	1	41		1	1	1
		-0	1	1	1	1	37	1	i	1	1
	Total	at all ages	a	ŝ	I		269	1	1	1	1
		HAG		:	(:	rtic)			:		illare
		X		:	ralytic	-paraly	a)	:	:	:	
NOTIFIABLE DISEASES		:	:	s (Pai	Non-	rubell	÷	:	tion	orum	
		:	ugh	nyeliti	yelitis	nding	:	:	d infec	leonat	
		Scarlet Fever	Whooping Cough	Acute poliomyelitis (Paralytic)	Acute Poliomyelitis (Non-paralytic)	Measles (excluding rubella)	Diphtheria	Dysentery	Meningococcal infection	Ophthalmia neonatorum	
		Scar	Who	Acu	Acu	Mea	Dip.	Dys	Men	Oph	

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				TOTAL CASES NOTIFIED	ES NOTIF.	IED		1
NOTIFIABLE DISEASES	Total		AGE	AGE PERIODS-YEARS	-YEARS			Total cases removed
	at all ages	-0	2	15—	45	65 and over	Age unknown	- to hospital
Acute pneumonia (primary and influenzal)	1	1	1	1		1		1
Smallpox	I	1	1	1	1	1	1	1
Acute encephalitis (Infective)	1	1	1	1	1	1	1	1
Acute encephalitis (Post-infectious)	1	1	1	1	1	I	I	1
Enteric or Typhoid fever	1		1	1	1	1	1	1
Paratyphoid Fevers	١	1	1	1	1	1	1	1
Erysipelas	1	1	1	1	1	1	I	1
Food Poisoning	-	1	1	1	1	1	1	1
Tuberculosis-Respiratory Meninges & C.N.S Other	v -	-	-	- 1 1	61	-	111	v -
Puerperal pyrexia		1	1		1	1	1	1
Malaria	1	1	1	1	1	-	-	1

No local action has been taken with regard to the use of measlesserum for prophylaxis or attenuation, and there are no existing facilities for the typing of pneumococci and for the provision of appropriate type sera.

The general standard of cleanliness and habits in the District remainshigh, and the cases of infestation by head lice dealt with at the Clinicwere few, and were successfully treated with Lorexane.

#### DISINFECTION

Disinfection of all houses is carried out after death, removal tohospital or release from isolation of infectious cases. Houses are disinfected by the method of Formalin Spray, and all clothing, bedding etc., are dealt with by the steam disinfector at Hindley by arrangement with the Hindley Council.

The following table gives particulars of the disinfections carried out during the year :--

			No. of Cases	No. of Visits	No. of houses disinfected
Scarlet Fever			5	10	5
Tuberculosis			6	12	6
	Te	otal	11	22	11

#### CANCER

16 deaths (10 male and 6 female) were certified due to Cancer during the year, as compared with 31 (20 male and 11 female) in 1963.

Facilities for Radium treatment are available to Ince residents at the Radium Institute, Manchester, and at the Wigan Infirmary, whichfor this purpose, is a sub-clinic of the Manchester Centre.

#### TUBERCULOSIS

The dispensary service is under the control of the Regional Hospital Board, and Ince cases attend at the Chest Clinic in Millgate, Wigan.

6 new cases of Tuberculosis (5 Pulmonary and 1 non-Pulmonary) were notified during 1964. No deaths from Pulmonary Tuberculosis were registered during the year.

Notification of the disease in the District is quite satisfactory and no action has been necessary under the Public Health Act, 1936, relating to the compulsory removal of tuberculous patients to Hospital.

The subjoined Table shows the new cases of Tuberculosis in age groups, and the total deaths.

#### TUBERCULOSIS

#### NEW CASES

Age		Re	spiratory	Non-Re:	spiratory
Periods		Μ	F	М	F
0-4		 -		_	1
5—14		 	1		
15-24		 -	—	-	_
25-44		 1	-	—	-
45-64		 2	_	_	_
65& up- wards		 1	-	-	
TOTAL	.s	 4	1	0	1
Death	s	 0	5 0	0	i 0
		-	ō	_	0

#### TABLE D.

