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BOROUGH OF MALDON.

ANNUAL REPORT

of the

ACTING MEDICAL OFFICER OF HEALTH

J. LESLIE R. PHILIP, M.B., Ch.B.,

including the

REPORT OF THE SANITARY INSPECTOR

for the year

1 9 4 5



PUBLIC HEALTH COMMITTEE, 1945.

The Worshipful The Mayor (Alderman S.G. Tydeman, J.P.)

Chairman: Alderman C.C. Cowell.

Deputy Chairman: Councillor E.C. Dines.

Councillors:

F. G. Barbrook.

C. W. Betts.

D. W. Everitt.

G. W. Free.

A. Gepp.

W. A. Gibbins.

J. W. Gozzett.

PUBLIC HEALTH OFFICERS OF THE BOROUGH.

Town Clerk: Charles H. Cloughton.

cting Medical Officer of Health: J. Leslie R. Philip, M.B., Ch.B.

(Also engaged in private praction)

R. H. Sershall, Cert. S.I.B., Sanitary Inspector :

M.R.San.I., M.S.I.A., Cert.R.San.I.

Meat and Food Inspector.

(From 1st January to 27th August)

BOROUGH OF MALDON.

To the Mayor, the Aldermen and Burgesses of the Borough of Maldon.

Mr. Mayor and Gentlemen.

I have the honour to present my Annual Report on the health and sanitary circumstances of the Borough for the year 1945, in the form prescribed by the Minister of Health.

VITAL STATISTICS. The Birth and Death Rates per 1,000 of the population are given below:-

Birth Rate.	1945.	1944.	1943.	1942.
	17.1	19.8	14.6	14.8
Death Rate.	11.7	13,8	14.0	14.1

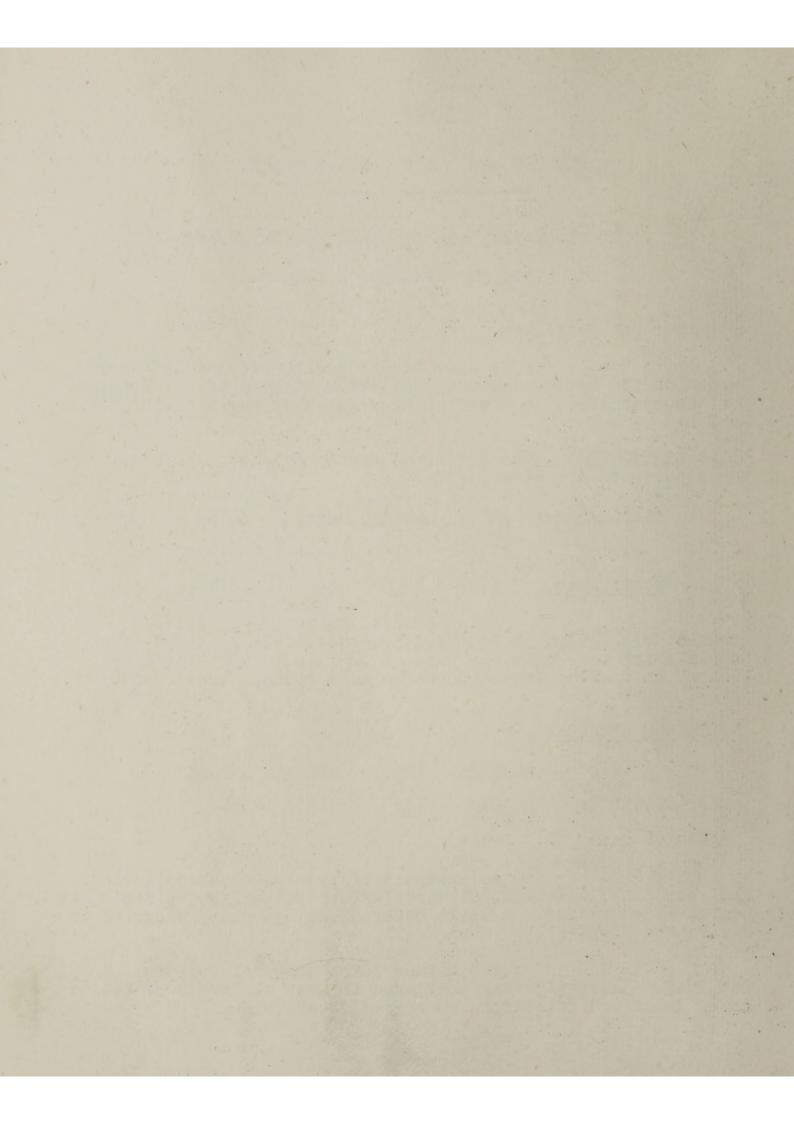
Owing to the continued extensive movement of population due to war conditions it has not been possible for the Registrar General to give a "Comparability Factor" to enable comparison to be made between local death rates.

INFECTIOUS DISEASES.

	1945.	1944.	1943.	1942.
Notifications	434	166	76	90
Deaths from	1	3	7	4

An epidemic of measles occurred during the year, but, although 301 cases were notified the epidemic was benign in character. A small outbreak of dysentery occurred in St. Peters Hospital.

The Maldon Joint Hospital Board's Hospital at Heybridge has continued to meet the needs of the area, despite difficulties in regard to staffing.



SCABIES. Few cases have been notified to me and the incidence is not widespread.

VENEREAL DISEASE. There has not been any increase in the number of cases of venereal disease coming to the notice of the local medical practitioners.

I wish to thank the Council for the help given to me during the year and to acknowledge the assistance given to me by the Officers of your Council.

I am,

Your obedient Servant,

J. Leslie R. Philip.

Acting Medical Officer of Health.

SCATTES: Few cases have been notified to me and the incidence.

VENTERAL DIFFASE, There has not been any increase in the number of object of the notice of the local medical practitioners.

I wish to the Council for the help to solnowledge the Essistance given to me by the Officers of your Council.

· WES - I

Your obsdient Servant,

J. Leslie R. Philip.

Acting Medical Officer of Health.

REPORT

of the

Acting Medical Officer of Health

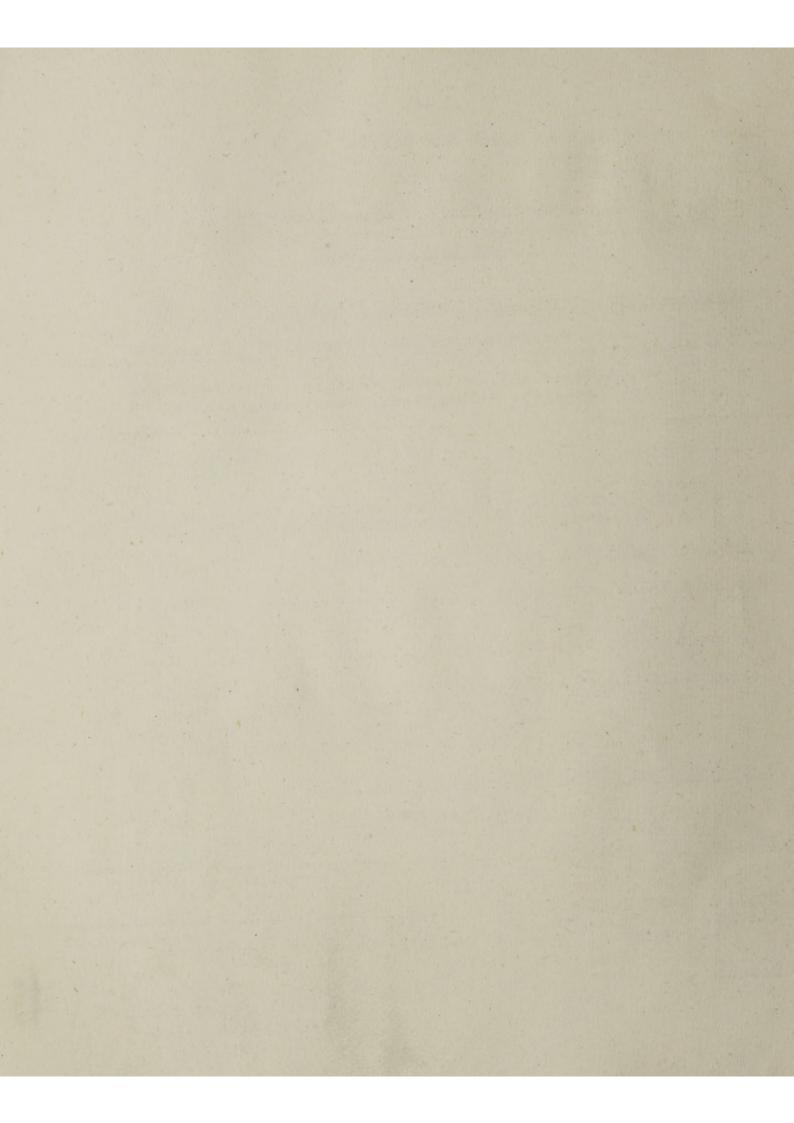
For the Year 1945.

Statistics	and Social	Conditions	of the Area.

Area. Land (Acres) as extended 1st April, 1934
Total6645
Population (Census 1931, Original Borough)
Number of Inhabited Houses (End of 1945)2790
Rateable Value, unreduced
Sum represented by a Penny Rate £204
Social Conditions: The chief industries of the town are engineering, timber yards and flour milling. There is also a small amount of fishing and some agriculture.

Extracts from Vital Statistics of the Year.

Births.	(Legitimate (Illegitimate (Fotal	134	Males. 73 .7 80	10)Birth rate per 1,000)of estimated resident)population 17.1
Still Births.	(Legitimate (Illegitimate (Total	2 3 5	2 2	3) Rate per 1,000 total) births (live and still)) 17.7
Deaths.		1.03	51.	52	Death rate per 1,000 of estimated resident population 11.7



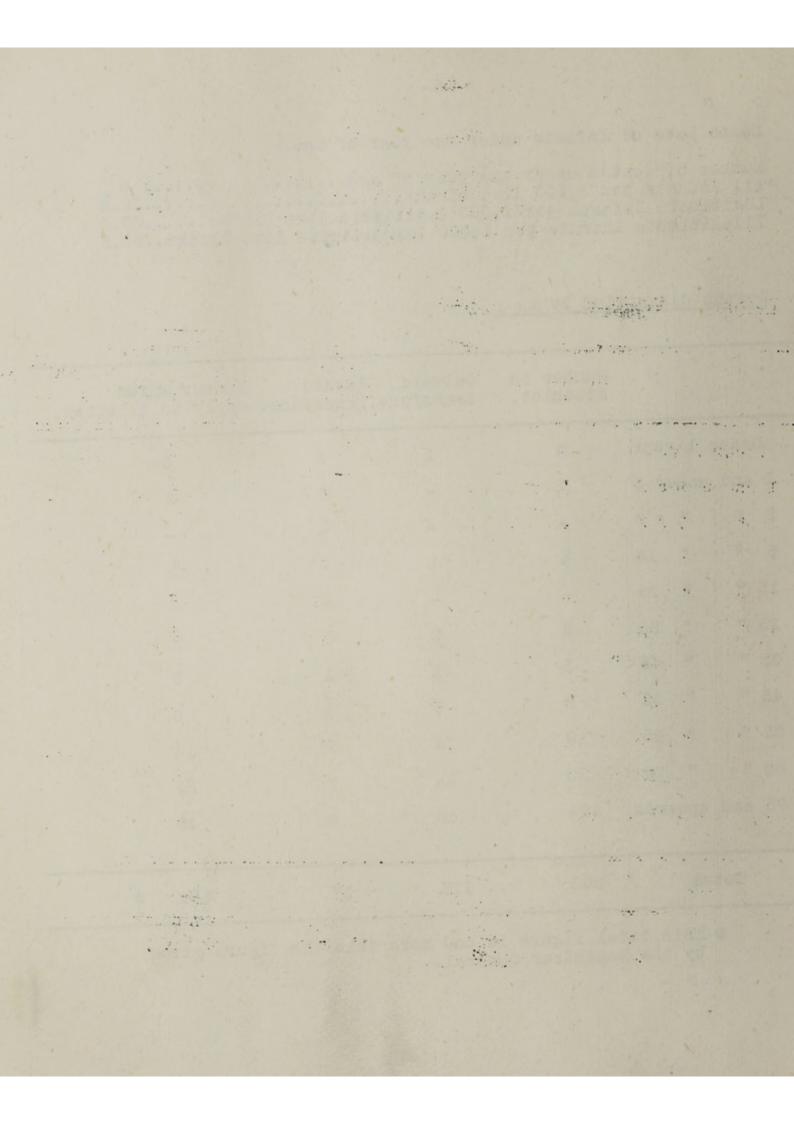
Death Rate of Infants under one year of age:-

Number of deaths under one year of age 6
All Infants per 1,000 live births39.8
Legitimate Infants per 1,000 legitimate live births37.3
Illegitimate Infants per 1,000 illegitimate live births58.8

Deaths Classified by Age.

	Number in district.	Outward transfers	Inward .Transfers.	Number which apply to district.
Under 1 year	5	1	2	6
1 and under 2	1	-	1	2
2 11 . 11 15		_	-	-
5 " " 15	4	1	-	3
15 " 25	-	-	-	-
25 " " 35	2	2	1	1
35 " " 45	3	1	1	3
45 " " 55	8	6	4	6
55 " " 65	20	13	7	14
65 " " 75	53	31	7	29
75 and upwards	104	68	4	40
Total	200	123	27	104 @

[@] This total figure is one more than the figure given by the Registrar General.



Deaths Classified by Cause and Sex.

Cause of Death.	Males.	Females.	Total.
Tuberculosis (Pulmonary) Tuberculosis (Other forms). Syphilitic Diseases Cancer Diabetes. Intracranial vascular lesions Heart Disease Other circulatory diseases. Bronchitis Pneumonia Ulcer of Stomach or Duodenum Other digestive diseases Nephritis Puer: & post abort: sepsis. Congenital malformations, birth injuries or infantile diseases. Suicide Other violent causes.	 1 9 3 16 2 4 2 2 2 1 - 2	1 1 7 1 5 22 6 1 1 2 1	1 2 1 16 18 38 2 10 3 3 2 10 4 12 4
Total	 51	52	103

There were no deaths due to road traffic accidents

General Provision of Health Services for the Area.

- (i) Ambulance Facilities. The Corporation provide one ambulance for medical, surgical and accident cases. An ambulance is provided by the Maldon Joint Hospital Board for the removal of patients suffering from infectious diseases.
- (ii) Hospitals. (a) Infectious Diseases. Cases of infectious disease are received and treated in the Isolation Hospital at Heybridge, Maldon, by arrangement with the Maldon Joint Hospital Board. This hospital comprises an administrative block, ward blocks with 28 bads, a laundry and disinfecting block.

1 100 SEMESTER TO THE

- (ii) Hospitals. (b) Smallpox. Arrangement has been made with (contd) the County Council for the treatment of patients suffering from smallpox.
- (iii) Tuberculosis. The County Council provide a number of sanatoria throughout the County. The Tuberculosis Dispensary at Maldon is situated in the Combined Treatment Centre in Wantz Chase, Maldon, where sessions are held on the second and fourth Thursdays in each month at ten o'clock in the morning.
- (iv) Maternity and Child Welfare. The County Council is the responsible authority for these services and full use can be made of the facilities offered through the County Scheme. Adequate provision for hospital treatment and specialists' services are similarly available where necessary.

Various clinics in the above connection are provided at the Combined Treatment Centre, Wantz Chase, Maldon, where sessions are held as follows:-

Womens Welfare: 1st Monday in each

month, at 2.0 p.m.

Child Welfare Clinic: Fridays at 2.0 p.m.

Ante Natal Clinic: 1st and 3rd Tuesdays

in each month at

2.0 p.m.

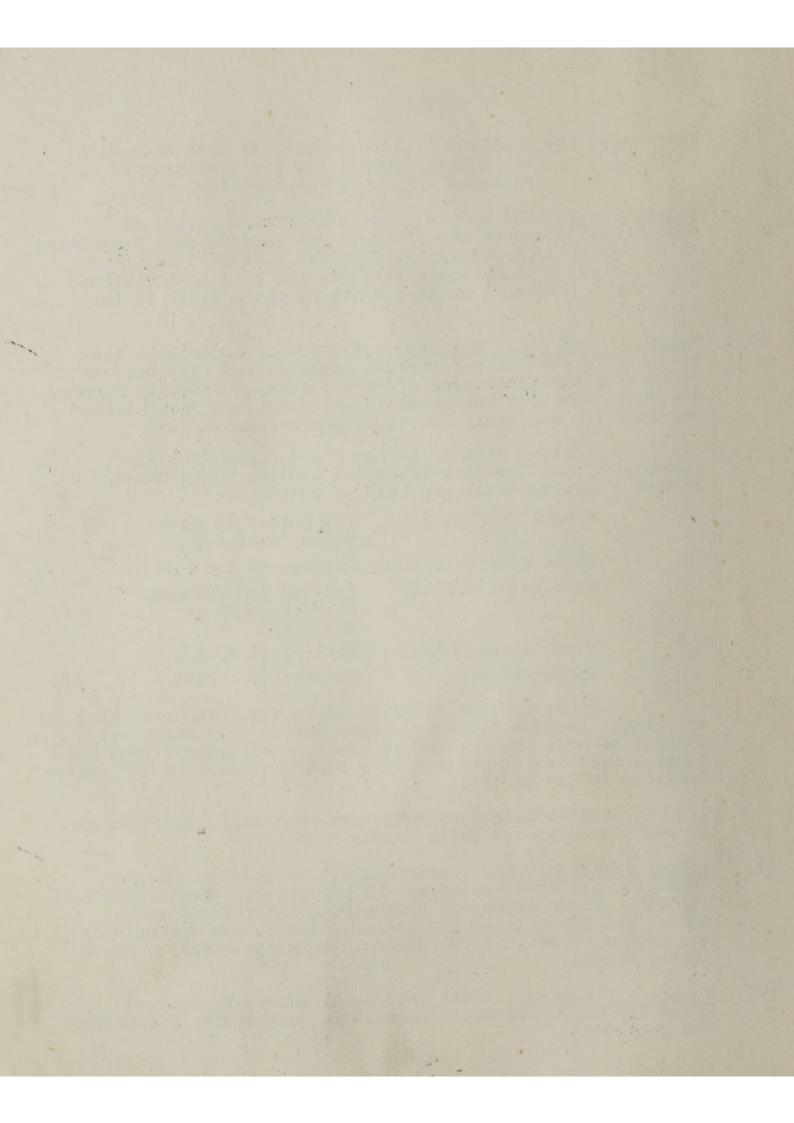
Minor Ailments Clinic: Fridays at 10.0 a.m.

Dental Clinic: Mondays at 10.0 a.m.

There are two district nurse midwives practising in the area. Besides their midwifery duties they carry out a good deal of general nursing in the homes of patients. Thus the Nursing Association plays a very important part in the health services in the district.

There is one private nursing home in the town which is registered by the Essex County Council.

- (v) School Children. The County Council is the Education Authority for both secondary and elementary schools in the Borough. Minor Ailments, Orthopaedic After-Treatment, Dental and Eye Clinics for school children are arranged by the County Council at the Combined Treatment Centre, Wantz Chase, Maldon.
- (vi) Venereal Diseases. Under the County Scheme facilities exist for diagnosis and treatment in Chelmsford, Colchester and Southend.



Sanitary Circumstances of the Area.

1. (i) Water. The Borough, with the exception of a few outlying houses, is served by a piped water supply, which is in the hands of the Corporation.

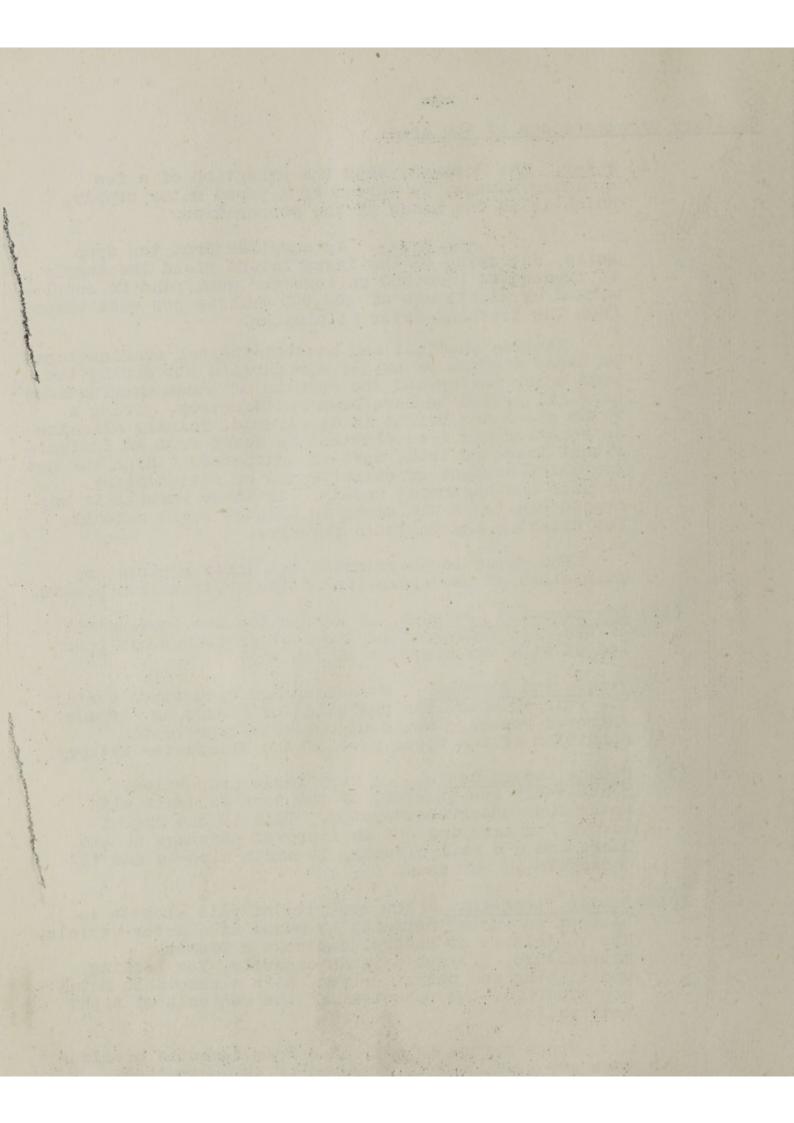
wells, but owing to the insufficient yield the supply is inadequate (800,000 gallons per week) and is supplemented by an average of 800,000 gallons per week taken from the Southend Water Co's mains.

Routine chemical and bacteriological examinations of these sources of supply were carried out during the year under review and the results of these examinations have all proved to have been satisfactory, giving a water clear and bright in appearance, faintly alkaline in reaction and free from metals apart from an insignificant trace of iron, soft in character, a high but not excessive content of salinity and of satisfactory organic and bacterial purity. In these repects it was considered to be wholesome in character and suitable for drinking and domestic purposes.

The water is chlorinated and daily records are maintained of the operation of the chlorination plants.

- (ii) Drainage and Sewerage. A scheme for the improvement of the main drainage and discosal of sewage has been ledged with the Minister of Health.
- 2. Rivers and Streams. No action has been taken during the year to check the pollution of rivers or streams. Improved sewerage would undoubtedly improve the condition of the upper part of the Blackwater Estuary.
- 3. (i) Closet Accommodation. A very large proportion, practically one quarter, of the town is dealt with under the conservancy system. This is one urgent reason for carrying out an improved sewerage scheme. There are 656 pail closets, 16 earth closets and 137 cesspools in the area.
 - (ii) Public Cleansing. The emptying of pail closets is carried out departmentally by means of a motor vehicle. The vehicle is of Messrs. Shelvoke & Drewery manufacture, 6/7 cubic yards capacity, low leading, end tipping and petrol driven, with a removable metal container for the reception of the contents of night soil pails.

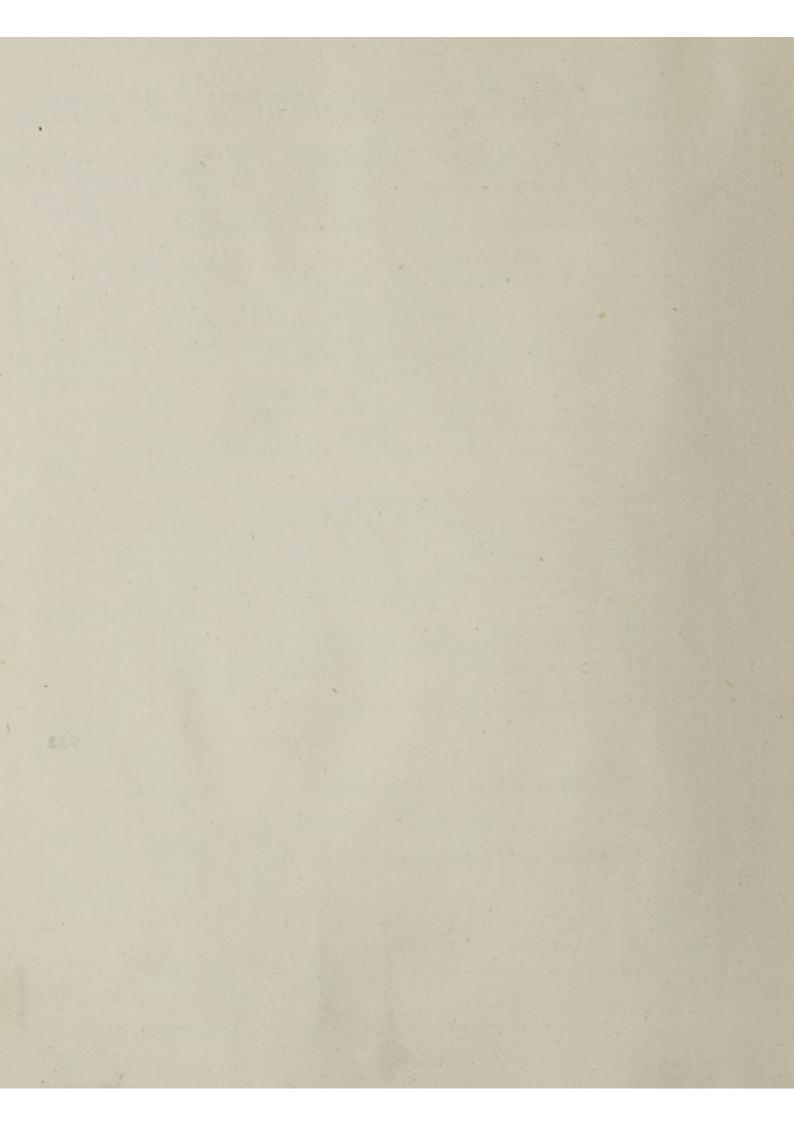
House refuse is collected from demestic premises once per week, and is disposed of by controlled tipping.



Night soil is collected from parts of the Borough twice weekly and disposed of by tipping into sewage tanks.

- (iii) Sanitary Inspection of the Area. The Sanitary Inspector, Mr. R.H. Sershall, left to take up another appointment on the 27th August, 1945. From that date until the end of the year, Mr. G.L. Turner, Sanitary Inspector to Maldon Rural District Council acted in matters of urgency.
 - (a) The following inspections and visits have been carried out during the year:-

	Inspections for housing defects and revisits Sanitary routine inspections and revisits Inspections of slaughter-houses and foodstuffs of Food premises	161 63 87 22 43 65 37 46 48 21 28 30 43 11 125 43 77
	Total inspetions	932
	(b) Action taken in consequence of enspections :-	
	Informal notices served under the Public	
	Health Act	129
	Statutory notices served under the I blic Health Act	12
		141
	(c) Result of these notices :-	
	Defects remedied in consequence of informal	
	notices Defects remedied in consequence of Statutory	88
-	Notices under the Public Realth Act, 1936	. 6
		94



(d) Summary of work carried out as a result of informal and formal action: -

Defective drains renewed	11
Drains unblocked and cleansed	24
Flushing apparatus repaired to water closets	7
Defective sink waste pipes	5
Defective water closet pedestals	6
Defective pail closets	0
Droming without money gonitory cocomodetion	70
Premises without proper sanitary accommodation	923
Defective ventilating shafts	
Defective intercepting chamber	1
" cover	1
Dirty sanitary accommodation	2
Proper sanitary dust bins provided in place of	
defective bins	19
Roofs repaired	15
Gutters repaired or renewed	14
Chimney stacks repaired or rebuilt	36
Chimney pots renewed	6
Floors repaired or renewed	11
Sub-floor ventilation provided	4
Walls repaired or rebuilt	
Wall placton noncined	4569
Wall plaster repaired	2
Damp walls treated	0
Defective ceilings repaired or renewed	
irregrates repaired or renewed,	12
" washing coppers repaired or renewed	530
" windows repaired	3
doors repaired	
Sanitary sinks provided	7.
Dirty premises cleansed	17
Verminous premises disinfested and cleansed	8

- (iv). Shops. No action under this heading has been found necessary.
 - (v). Camping Sites.

Due to war restrictions the camping sites in the area were little used during the year.

The Camp Sites are controlled under Part IX of the Essex County Council Act, 1933, but the Byelaws made thereunder have now expired.

- (vi). Smoke Abatement. No action under this heading has been found necessary.
- (vii). Swimming Baths and Pools. The Corporation owns a large open air salt water swimming pool of about 2½ million gallons capacity. This is situate alongside the estuary,

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lemmoint to Jinast a as sho limit on income on a	
Dreine unblocked and alegan	
Preins unblocked and cleaned 24	
Z spiesoro des en un representation de la contraction de la co	
C segle of the sale evitoeled	
Defective water closed people astew evitoeted	
Promises without proper sanitary secommodation	
Defective vontalenting shafts	
Defective intercepting change and an evitoeled	
Proper sanitary duck bytes restances as a series of the sanitary duck bytes	
Proper sanitary dust bins provided in place of	41.3
The state of the s	
Of berisque sient	
Outers repaired or reputation	
Chimney ataoks repaired or rebuilt.	
Chimney pera regarded on research	
Lioura repaired or renewed.	
Sub-floor rentiletion provided	
Wall plaster repaired	
Wall plaster repaired.	
Demogrates repaired on removed	
Pince continue repaired on theward.	
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door santa vastinas	
Bantesy sight provided Babty provided	
beanselo sealmed vitle	
Merining a penine a later to tell a salue of anonimies.	
Dirty premises cleaned	
Shops . No action under this attended and acond	(vr)
December	
Shops. No setion under this heading has been found	14-1
Camping Sites:	-(1)
Sur the area were little used during the year.	
Tony and anima been cittle eres Bern and all course	
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Svelaws moder time deady Council Act, 1935, but the	
policio mon sasu depunction cara aucasta	
Part IX of the Essex County Council Act, 1935, but the Syelaws made thereunder have now expland:	
most and guitheed aidt webnu meites on inemated e some	(IV)
found and gailbean ain delite there by	
Swimming Little and Pools, The Corporation owns a large	1-(21)
avittim as though to the matter had as and the use	
THE COUNTY OF PROPERTY OF STREET BEST BEST OF TOURSE BEILD BEILDER	

into which it is emptied at low tide and refilled on the flood. Samples of the water taken from this swimming pool show that same were considered to be of satisfactory organic and bacterial purity and suitable for swimming bath purposes.

(viii) Eradication of Bed Bugs.

4.

- (1). Number of Council houses found to be infested ... 1

 " other " " " ... 7

 houses disinfested ... 8
- (2). Disinfestation is carried out by means of (a) a liquid fumigant (Zaldecide), in the form of a pressure driven spray, behind all skirting boards, architraves, picture rails and all other likely places, and (b) a second treatment by means of gas derived from "Cimex" chemical blocks.
- (3). Houses of prospective Council house tenants are inspected for the presence of bed-bugs.
- (4). The work of disinfestation is carried out by the Local Authority.
- (5). Measures taken to prevent re-infestation of houses is by instruction by the Council's Sanitary Inspector and periodic revisits.

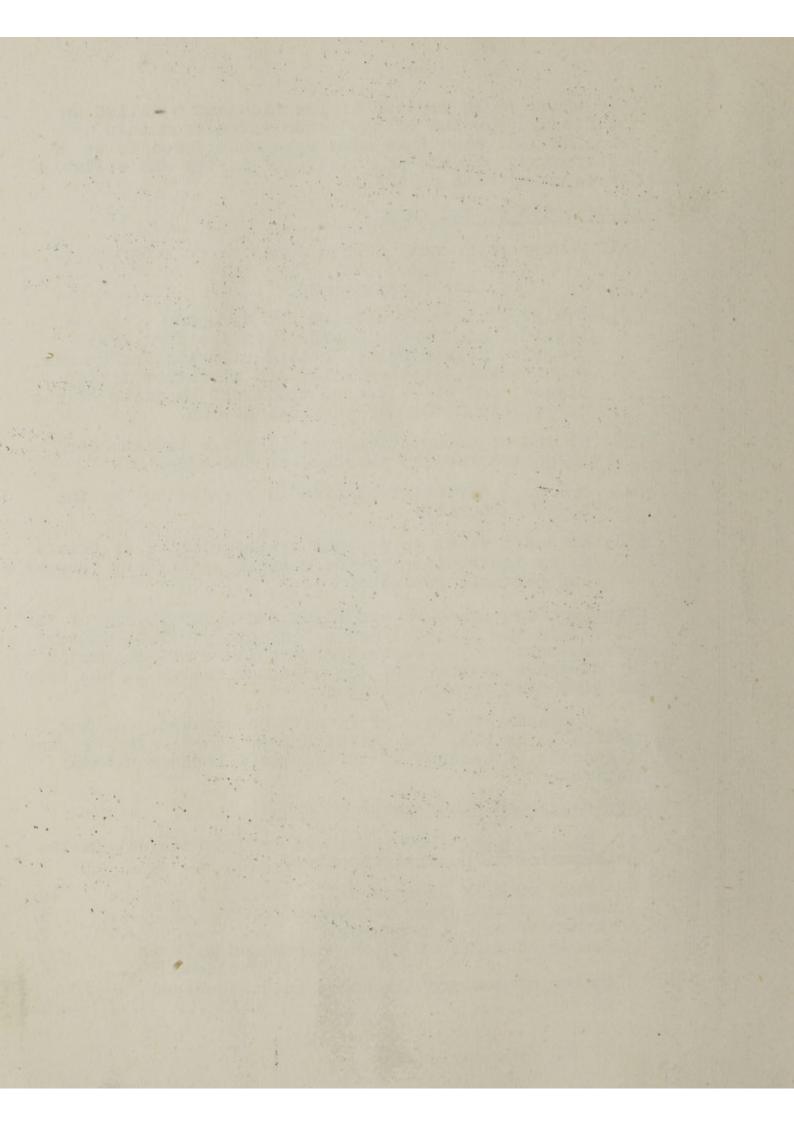
Schools. The sanitary condition and water supply of the schools in the district are satisfactory. The sanitary conveniences at the Heybridge school are not connected to the sewerage system, but the cesspool system in use does not give rise to any nuisance.

Contacts of cases of infectious disease, whether notifiable or not, are excluded from school. No closure of schools on account of infectious illness has been required.

Inspection and Supervision of Food.

(a). Milk Supply. Premises used as Cowsheds within the jurisdiction of Local Authority:-

Number	of	Milk Producers	16.
		wholesale producers	9.
		retail purveyors	7.
Number	of	farms at which Accredited milk is	-
	-	produced	6.
Number	of.	dealers' licences in Pasteurised	1.
		milk	4.



The following is a list of the inspections and improvements carried out as a formal or informal action by the Council or their officers.

Inspections or cowsheds and dairies	5 4 5	225	43
Improvements carried out:			
Floors of dairies renewed		3 % 6	2
Lighting and ventilation improved		0 0 0	2
Paving outside cowsheds provided	3 6 0		1
Steam sterilizers provided	100	200	2
New coolers provided			2
Miscellaneous		900	4

Close co-operations is effected between the County Council and the Local Sanitary Authority in the granting of licences under the Milk (Special Designations) Order, 1936.

The County Veterinary Inspector also notified the local Medical Officer of Health of any action under the Tuberculosis Order, 1935.

Samples of Accredited Milks are taken for examination by the Methylene Blue Reduction Test and Coliform Test. Samples of Pasteurised Milk are taken for examination by the Phophatase Test to ascertain whether or not the milk has been efficiently pasteurised.

Samples of milk are also taken for biological examination.

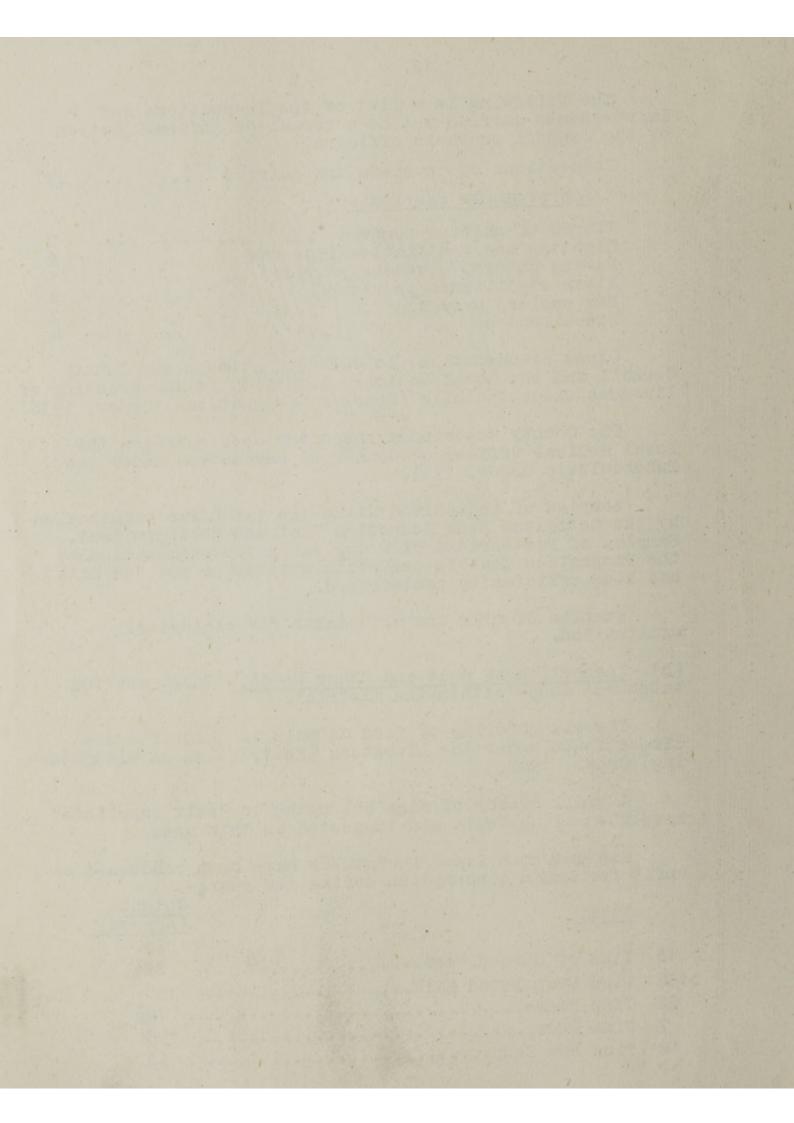
(b). Inspection of Meat and Other Foods. There are ten butchers' shops within the district.

The slaughtering of food animals in this area was discontinued under the Livestock (Restriction on Slaughtering) Order, 1940.

A small number of pigs belonging to "self suppliers" have been slaughtered and inspected in this area.

The undermentioned foodstuffs have been condemned as unfit for human consumption during the year:-

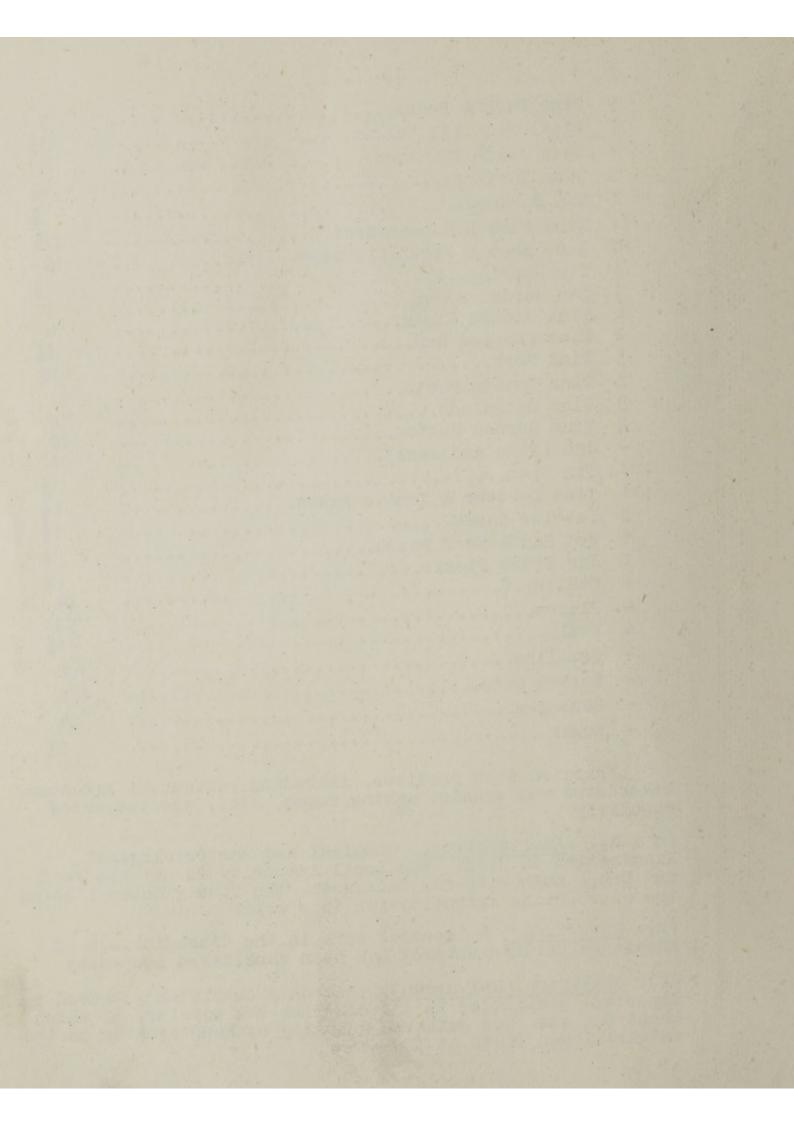
	Item.	(Approx).
		lb.
18	Tins of Corned Beef	291/4
154	Tins Evaporated Milk	150
22	Tins Beans	19½
7	Tins Peas	6
12	Tins Pea Soup	12



9	Tins Pork & Beans	9
7	Tins Grade III Salmon	31/2
2	Tins Grade I Salmon	1
5	Tins Sardines	14
1	Tin Mackerel	34
11	Tins Pork Luncheon Meat.	171
10	Tins Meat & Vegetable Stew	10
1	Tin Herring	1 2
1	Tin Golden Syrup,	1
4	Tins Stewed Steak	4
2	Tins Chopped Ham	12
3	Tins Pork	21/4
3	Tins Tomato Paste	21
5	Tins Marmalade	10
2	Tins Corned Mutton	12
-	Jam (Tins and Jars)	21
1	Tin Spam	
71	Tins Lobster & Tomato Paste	5 4 6 1 2
3	Bottles Sauce	13
1	Pot Ham & Beef Paste	
1	Jar Sweet Pickle	1812
-	Codling	84
-	Plaice	52
4	V9al	111
-	Semolina	108
_	Rolled Oats.	176
- 0.00		
**	Sausages	24
-	Sugar	1 1 2

Prepared food premises, including restaurant kitchens, bakehouses and sausage making rooms, etc., are inspected regularly.

- (c & d). Adulteration. Chemical and Bacteriological Examination of Food. The Local Authority is not the Food and Drugs Authority for this area, the County Council being the appropriate Authority for this work.
- (e). Nutrition. No special work in the dissemination of knowledge on this subject has been considered necessary.
- (f). Shellfish (Molluscan). The only shellfish gathered in important quantities in the district are winkles, of which about 900 cwt, are gathered annually by hand picking on the estuarial mud flats at low water.



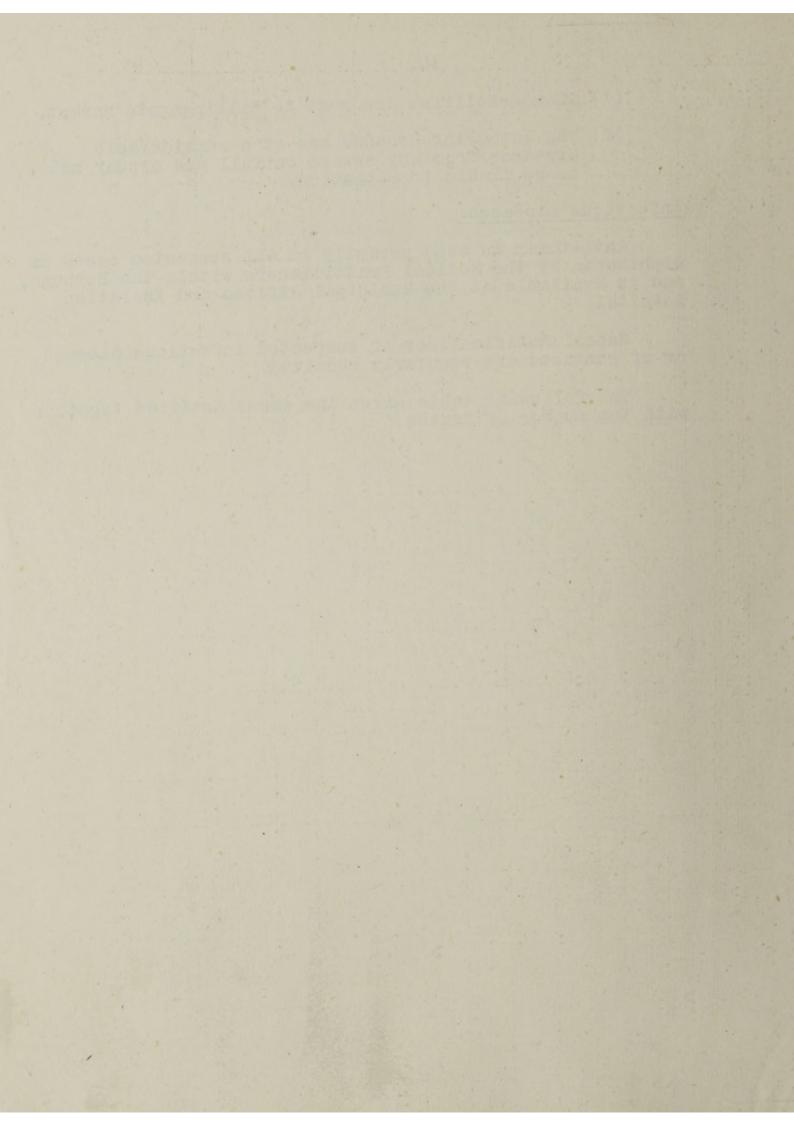
- (1) These shellfish are sent to Billingsgate Market.
- (2) The gathering grounds are at a considerable distance from any sewage outfall and appear not to be liable to pollution.

Infectious Diseases.

Anti-toxin is used promptly in all suspected cases of diphtheria by the Medical Practitioners within the Borough, and is available at the Municipal Offices and Isolation Hospital.

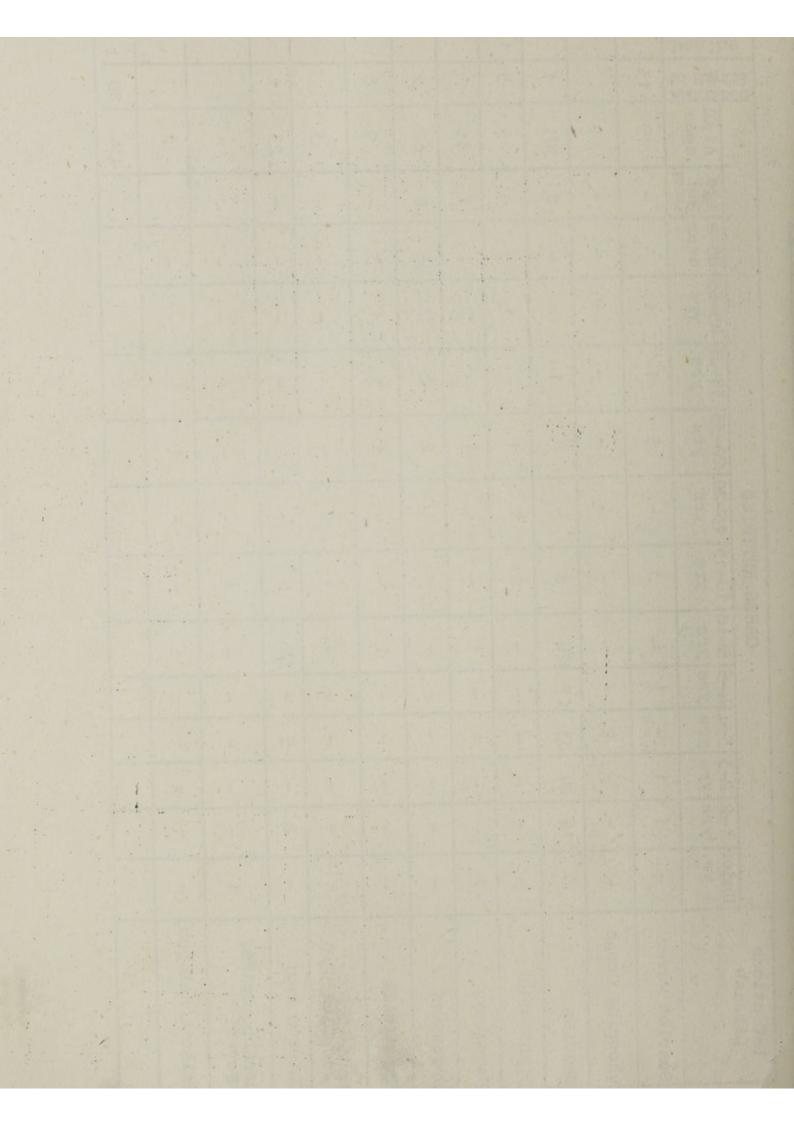
School notifications of suspected infectious disease or of contacts are regularly received.

The following table gives the cases notified together with the number of deaths:



1945.

1		1	1	1	1		1	-	1		1	1	
S.	Death				-					_	-		1
[4] (eq	Admitta	13		-	2		N	80		-			30
	Atall	15	2 /	301	5	17	. 62	6	3	23		0.	434
	Age Not Known	1	1	2	1	-	N	1	1 -	1	- 1	1	
	65 & over	1	1	ī	1-	2	847	2	1	1	1	1	
	45-65 yrs	-	1	1	-	2	7	-	1	1	1	1	
	35-45 yrs	-	1	-	1	!	2	2	1	1	1	1	
	20-35 yrs	3	1	8	-	-	2	-	1.	1	1	-	
NOTIFIED	15-20 yrs	1	1	1	-	7-	4-	ı	2	1	- 1	1	
	10-15 yrs	3	1	8	2	, 1	1	1	-	77	1	1	
CASES	5-10 yrs	77	1	17/1	ı	-	1	1	P ¹	12	1	1	
	4-5 yrs	-	1	. 23	1	1	1	1	- 1	1	. 1	1	
	3-4 yrs	1	N	33	1 -	-	1	1	1	5	1	ı	
	2-3 yrs	-	1	24	1	1	1	ì	1	1	.11	1	
	1-2 yrs	-	1	16	1	1	1	1	1	2	1	1	
	Under 1 yr.	1	1	8	1	2	1	1	1	1	-	ı	
Infectious	Disease	Scarlet Fever	Whooping Cough	Measles	Diphtheria	Pneumonia	Dysentery	Erysipel.as	Infective Jaundice	Chicken Pox	Cerebro Spinal Fever	Malaria(Relapse)	



Diphtheria Immunisation.

The immunisation against diphtheria of children in this area continued to be satisfactory, the last ascertainable figures for the year show the number of children immunised to be as follows:-

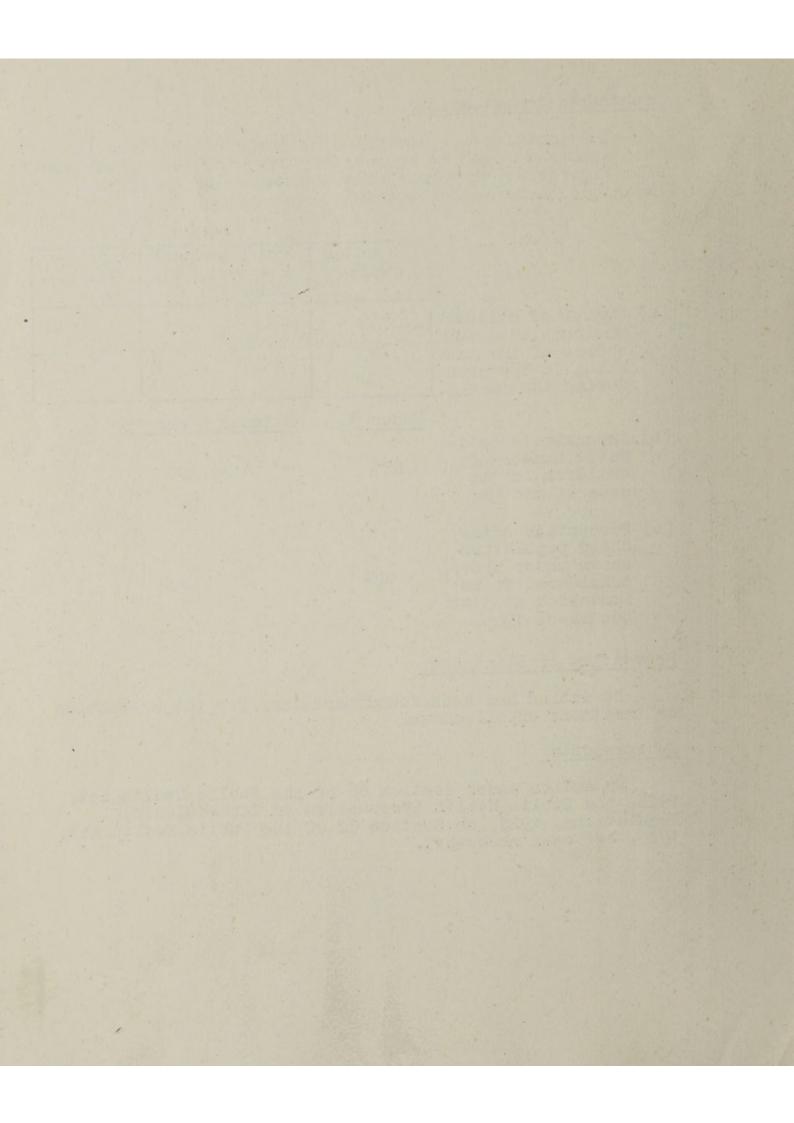
	Age under 5 years,	Age 5 years and over, but under 15.	Total.
(a) Number of children who completed full course of immunisation in the area during the year 1945.	75	3	78
	Under 5.	Between 5 and	15.
(b) Approximate esti- mated number of children in the area at mid 1945	651	1,190	
(c) Percentage of the child population shown under above considered to be immunised at 31st December, 1945.	66%	94%	

Prevention of Blindness.

No action has been found necessary for the prevention or treatment of blindness.

Tuberculosis.

No action under Section 66 of the Public Health Act, 1925, the Public Health (Prevention of Tuberculosis) Regulations, 1925, or Section 62 of the Public Health Act, 1925, has been necessary.

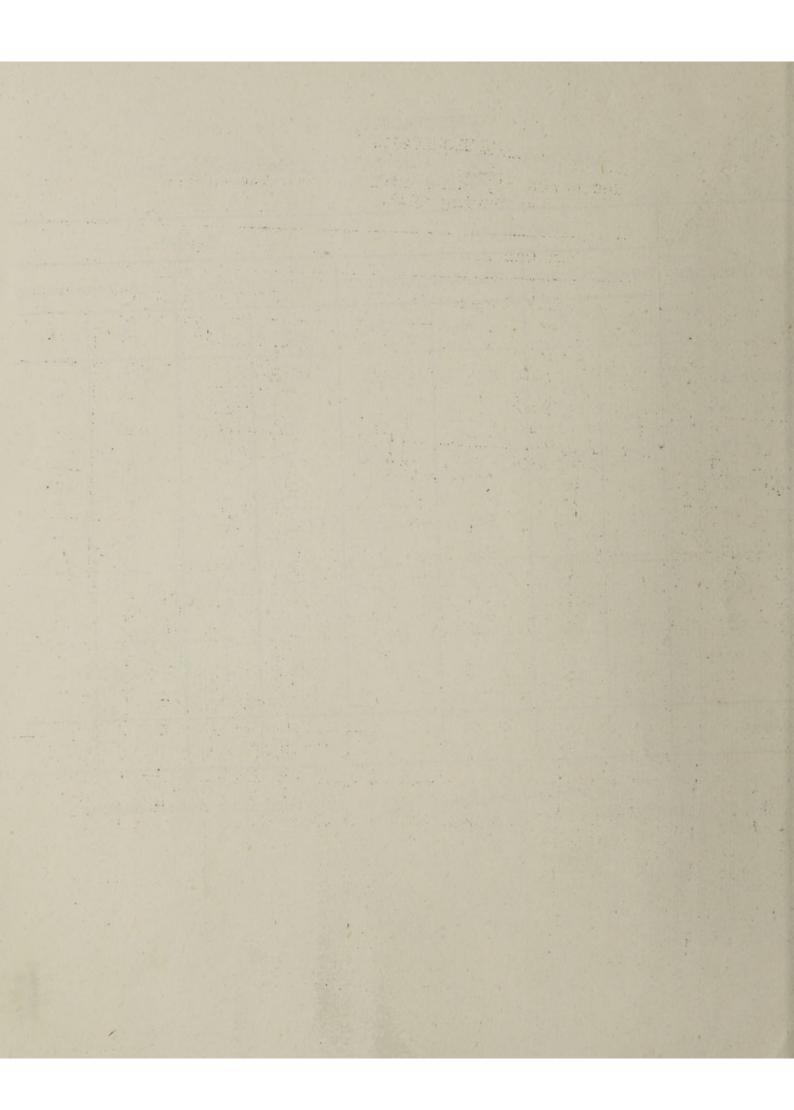


TUBERCULOSIS.

New Cases of, and Mortality from Tuberculosis During 1945.

		New	Cases.		Deaths.				
Age Periods.	Respi	ratory.	Non-Res	spiratory. Respir		atory.	Non-Res	Non-Respiratory	
	М.	F.	М.	F.	М.	F.	M.	F.	
Under 1.		-	4-	-	-	-	***	-	
1 - 5	-	-	-	-	_]	1	-	-	
5 - 15	-	-	2	-	-	-	1	-	
15 - 25	-	-	-	-	-	-	-	-	
25 - 35	-	-	-	- /	-	1	-	-	
35 - 45		-	-	-	-	_	-	-	
45 - 55	-	-	-	-	-	-	-	-	
55 - 65	- 1	-	-	100	-	-	-	-	
65 & over	-	1		-	1	-	-	-	
rotals.	1	1	2	-	1	1	1	-	

There was one non-notified tuberculosis death during the year.



Report on the administration of the Factories Act, 1937.

1. INSPECTIONS for purposes of provisions as to health.
Including inspections made by the Sanitary Inspector.

	Number of	
Inspections.	Written Notices. (3)	Occupier prosecuted. (4)
30	5	_
Sfr	6	-
an-	- Wind	
54	11	And
	(2) 30 24	Inspections. Written Notices. (2) (3)

- @ Electrical Stations should be reckoned as factories.
- 2. DEFECTS FOUND.

	Number of	Defects.	Number of defects in respect of	
Found.			which prose- cutions were instituted.	
(2)	(3)	(4)	(5)	
11	11	-	-	
2	2	- 12.5	-	
10	7	ton.	***	
7	7	-	. *	
30	25	-	-	
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