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#### **Contributors**

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# The Urban District Council of Hexham

# ANNUAL REPORT

OF

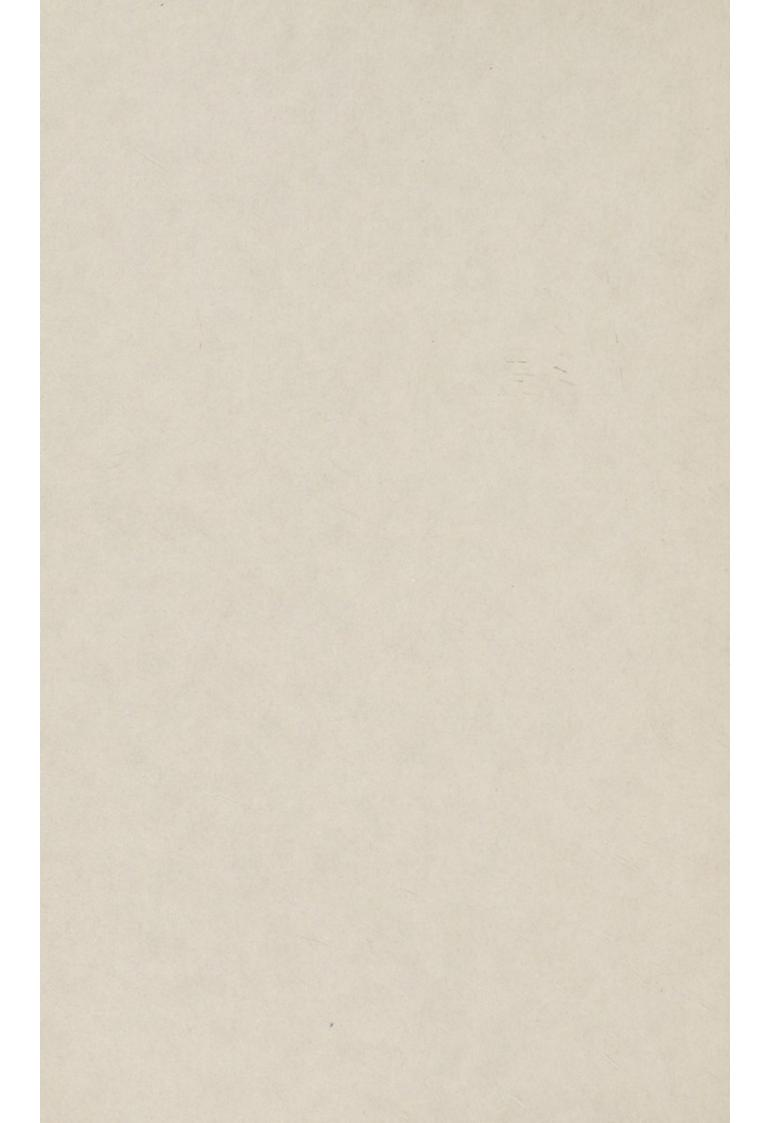
THE MEDICAL OFFICER

OF HEALTH

For the Year 1951.

J. H. MAUGHAN, M.B., B.S., D.P.H.,

Medical Officer of Health.



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To the Chairman and Members of the Urban District Council of Hexham:—

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report for the year ending 31st December, 1951.

During the year, 131 live births and 126 deaths, including 5 deaths of infants under one year of age, occurred in the district. These figures give a live birth rate of 14.1 per 1,000 of the estimated population, a general death rate of 13.6 per 1,000 of the estimated population and an infant mortality rate of 38.2 per 1,000 live births.

Compared with last year, these figures show that there has been a drop in the birth rate, a very slight drop in the general death rate and also a drop in the infant mortality rate. In considering the infant mortality rate, it must be borne in mind that this rate is based on small numbers and in consequence can be misleading.

It is of interest to note that of the 126 deaths, more than half were of persons over 70 years of age and two-thirds of the deaths were due to malignant neoplasms and diseases of the circulatory system. Of the 5 deaths of infants under one year of age, I was due to a chest condition and 3 were due to the hazards of birth.

During the year, 54 cases of notifiable diseases were notified. This figure includes 5 cases of tuberculosis which compare with 12 cases notified last year.

It will be observed that during the last four years no cases of diphtheria have been notified as having occurred in the district. This is undoubtedly due to the success of the immunisation of children against diphtheria, but it must never be forgotten that the absence of the disease does not

mean its absolute elimination. Freedom from diphtheria is conditional upon the maintenance of an adequate level of immunisation. If parents leave their children unprotected there may be a return of diphtherial outbreaks, of the possibility of which there was a sharp reminder on Tyneside towards the end of the year.

During the months of August, September and October, in order to maintain the supply, water was pumped from the Rowley Burn into the Wydon Burn Reservoir. The only restrictions required during this time in the use of water were on the watering of gardens and the washing of cars by hose and on the swilling of yards.

Sewage disposal facilities are unchanged and sewage from the town continues to be treated by three sewage works. Repairs and modifications continue to be carried out to improve the efficiency of the works.

During the year 39 houses were completed by the Council and 21 cases of over-crowding were abated.

In concluding this report, may I express my thanks to the Chairman and Members of the Public Health Committee for the interest they have shown in the work of my department and for their unfailing support during the year.

I am, Ladies and Gentlemen,
Your obedient Servant,
J. H. MAUGHAN,
Medical Officer of Health.

STATISTICS AND SOCI	IAL CO	NDITIO	ONS O	F THE	AREA.
Area in Acres					. 5,926
Estimated Population					. 9,264
1					3,1
	ital Sta	tistics.			
BIRTHS.					m.
LIVE BIRTHS.	М.		F.		TOTAL.
	64		66		130
Illegitimate	—	••	I		I
					131
STILL BIRTHS.	М.		F.		TOTAL.
Legitimate					
711			2		3
Illegitimate			5.		=
					3
					-
Birth Rate per 1,000 of t		-			14.1
Total (Live and Still) Bir	th Rate	per 1,0	oo esti	mated	
population					14.5
DEATHS.					
Deaths from Puerperal	Causes				
Puer. and post-abort	tsepsis				Nil
Other maternal caus	es				Nil
Deaths of infants unde	er one y	ear of a	ge.		
Legitimate infants					4
Illegitimate Infants					I
Death Rate of all inf					38.2
Deaths from Cancer (a					20
Deaths from Measles (a					Nil
Deaths from Whooping					Nil
Deaths from Diarrhoea					Nil
Death Rate per 1,000 o					
(all causes and all ag					13.6

The following Table classifies deaths according to their age groups and as to their certification:—

	CERT	TFIED	UNCE	RTIFIED
	Male	Female	Male	Female
0—1	1	4	_	
1-2	_		-	_
2-5	-	_	-	-
5-15	-			
15-25	1			
25-45	5	3	-	-
45-50	I	I	-	-
50-55	5	-		-
5560		2		-
60-65	3 5 6	2	1	_
65-70		6	1	I
70-75	8	9	1	-
75-80	14	9	2	_
80-85	10	13	_	I
85-90	5	6		
90-95				_
95-100	1	-		
Over 100		-	_	-
	64	55	5	2

# The chief causes of death are as follows:-

	M.	F.
Tuberculosis of resp. system	I	
Tuberculosis, other		_
Syphilitic disease		
Diphtheria		_
Whooping Cough		
Meningococcal infections		
Acute poliomyelitis		_
Measles		-
Measles	_	-
Malignant neoplasm, stomach	2	2
,, lung, bronchus	2	I
,, breast	-	_
,, ,, uterus		1
Other malignant and lymphatic neoplasms	7	5
Leukaemia, aleukaemia	_	_
Diabetes		-
Vascular lesions of nervous system	4	7
Coronary disease, angina	13	3
Hypertension with heart disease	9	2
Other heart disease	12	10
Other circulatory disease	2	2
Influenza	4	2
Pneumonia	I	I
Bronchitis	I	4
Other diseases of respiratory system	I	I
Ulcer of stomach and duodenum		-
Gastritis, enteritis and diarrhoea	-	I
Nephritis and nephrosis	2	I
Nephritis and nephrosis	I	-
Pregnancy, childbirth, abortion	-	_
Congenital malformations	-	I
Other defined and ill-defined diseases	3	12
Motor vehicle accidents		-
All other accidents	4	I
Suicide	-	
Homicide and operations of war		
All causes	69	57
All causes	09	57
Total	120	6

INFANT MORTALITY DURING YEAR ENDING 31st DECEMBER, 1951. Nett Deaths from stated Causes at various Ages under 1 Year.

CAUSES OF DEATH.	Under 1 wk.	1—2 wks.	2—3 wks.	3_4 wks.	Total under 1 mth	1—3 mths.	3—6 mths.	6—9 mths.	9—12 mths.	Total Deaths under 1 yr.
1	2	3	4	5	9	7	∞	6	10	11
Smallbox							1			
	1	1	1	1	ı	1	-	1	1	1
Scarlet Fever	1	1	1	1	1	1	-	-	1	1
ugh	1	1	1	1	1	1	1	1	1	1
roup	1	1	1	-	1	1	-	1	1	-
	1	1	١	1	1	1	1	1	1	1
Tuberculosis Meningitis	1	1	i	1	1	1	-	1	1	1
**	1	1	1	1	1	1	1	1	1	1
e	1	1	1	1	1	1	1	1	1	1
Meningitis (not Tuberculosis)	1	1	1	1	1	1	1	1	-	1
Bronchitis	1	I	1	1	1	1	1	1	-	1
a (all forms)	1	1	1	1	1	I	1	1	1	I
Diarrhoea	1	1	1	1	1	1	1	1	1	1
Congenital Malformation	I	1	1	1	I	1	1	1	-	1
Premature Birth	2	1	1	1	61	1	1	1	1	1
Marasmus	1	1	1	1	1	1	1	1	1	1
Atelectasis	1	1	1	1	1	1	-	1	1	1
Injury at birth	1	1	1	1	1	1	1	1	1	1
Appendicitis	1	1	1	1	1	1	1	1	1	1
Other Causes	1	1	1	1	1	1	I	1	1	I
All causes	3				3	I	I	1		2
Uncertified	1	1	1	1	1	1	1	1	1-	1
GRAND TOTALS	3	1			3	I	I	1		2

VITAL & MORTALITY STATISTICS.

Year	Birth Rate	Death Rate	Infant Mortality Rate
1931	17.7	13.7	44.8
1932	14.9	13.1	112.8
1933	12.4	14.4	62.5
1934	13.9	12.5	88.7
1935	13.7	12.3	80.6
1936	16.6	13.4	59.6
1937	13.2	15.8	132.2
1938	14.0	13.5	47.2
1939	12.1	15.6	36.6
1940	12.8	13.4	43.4
1941	12.6	13.3	93.9
1942	11.9	12.9	64.5
1943	13.2	12.8	50.7
1944	14.0	13.6	37.5
1945	13.2	11.8	15.4
1946	16.6	12.4	18.5
1947	18.5	14.3	54.9
1948	17.7	12.2	12.4
1949	13.9	17.3	39.4
1950	16.0	13.7	53.0
1951	14.1	13.6	38.2

BIRTH-RATE, DEATH-RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1951.

	Rate per	per		Aı	nnual D	eath-ra	Annual Death-rate per 1,000 Population	,000 Po	pulatio	u		Rate per 1.000 Live Births	1.000 irths
	Population	ation		p		,	si			oilo	ī		
	Live Births	Still Births	All Causes	Typhoid at Paratyphoi Fevers.	Whooping Cough	Diphtheria	Tuberculos	ezuənljuI	Smallpox	Acute Poli myelitis & Po encephalit	Pneumonis	Enteritis & D rhoea under years of age	Total Deaths under one y
England and Wales	15.5	0.36	12.5	00.00	10.0	00.00	0.31	0.38	0.00	0.00	19.0	1.4	29.6
126 County Boroughs & Great Towns, including London	17.3	0.45	13.4	00.00	10.0	0.00	0.37	0.36	0.00	10.0	0.65	9.1	33.9
148 Smaller Towns (estimated Resident Populations 25,000 to 50,000 at Census 1931)	16.7	0.38	12.5	0.00	10.01	0.00	0.31	0.38	0.00	10.01	0.63	0.1	27.6
London Adm. County 17.8	17.8	0.37	13.1	1	10.0	00.00	0.38	0.23	F	00.00	19.0	0.7	26.4
Hexham Urban Dist.	14.1	0.32	13.6	1	1	ı	0.11	6.64	1	1	0.22	1	38.2

INFECTIOUS DISEASES NOTIFIED (other than Tuberculosis) DURING THE YEAR 1951.

				_	_					_	_					_				_
65 & upward	1	1	1	1	I	1	1	1		1	1	1	1	1	1	1	1	1	1	I
69 of 64	1	I	1	1	I	1	1	1		1	I	1	1	1	1	1	1	1	1	3
25 to 45.	1	1	1	I	4	1	1	1		1	1	1	1	1	1	1	1	1	Н	9
15 to 25.	1	1	1	1	I	1	1	١		1	I	1	1	1	1	1	1	1	1	2
. 5 to 15.	7	4	1	5	1	1	1	1		1	I	1	1	1	1	1	1	1	I	15
2 to 5.	2	10	1	4	1	1	1	1		1	1	1	1	1	1	1	1	1	1	16
1 to 2.	1	3	1	61	1	1	1	1		1	1	1	1	1	1	1	1	1	1	5
Under 1.		1	1	I	I	1	1	1		1	1	1	1	1	1	1	1	1	1	I
At all Ages.	6	81	1	OI	7	1	1	1		1	3	1	1	1	1	1	1	1	7	49
Notifiable Disease.	Scarlet Fever	Whooping Cough	Diphtheria	Measles	Pneumonia	Cerebro-spinal Fever	Acute poliomyelitis	Acute polioencephalitis	Acute polioencephalitis	Lethargica	Dysentery	Ophthalmia Neonatorum	Puerperal Pyrexia	Smallpox	Paratyphoid Fever	Typhoid Fever	Erysipelas	Food Poisoning	Meningitis	TOTALS

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-	4

	sitigni <b>n</b> 9M	-     -
	Food Poisoning	
	Erysipelas	2040110400411211221   2
	Enteric or Typhoid Fever	
	Paratyphoid Fevers	111111111111111111111111111111111111111
	xoqlism2	
	Puerperal Pyrexia	
	Ophthalmia Nenonatorum	
	Dysentery	20
	Acute Encephalitist Lethargica	1111-111111111111
	Acute Polio- encephalitis	11-111111111-111
	Acute Polio- myelitis	
	Cerebrospinal Fever.	
	Ac. Pneumonia	88   88   88   10   10   10   10   10   10   10   10
	Measles	116 60 298 298 298 298 298 298 298 298
	Diphtheria	2022221238801123737373737373737373737373737373737373
N.	Whooping Cough	18
	Scarlet Fever.	21 4 10 2 2 2 2 3 3 3 3 3 4 1 2 2 4 1 2 3 3 5 4 1 2 4 1 2 4 1 4 1 4 1 4 1 4 1 4 1 4 1
	Увля.	1931 1933 1934 1935 1935 1936 1940 1947 1947 1948 1948 1949 1950

## TUBERCULOSIS.—New cases and Mortality during 1951 :-

Age periods		New	Cases		Nett	Death: Urban	s in He Distric	
	Pulme	onary	Non	Pulm.	Pulm	onary	Non	Pulm
	М.	F.	M.	F.	M.	F.	M.	F.
THE STATE OF								
o—I	-	-		-	-	-	-	-
1-5	I	-	-	-	-	-	-	-
5-15	_	1	I	_		-	-	_
15-25	-		-		-		-	_
25-35	I	-	-		-		-	_
35-45		*****	-	-	I		-	-
45-55	-	-	I	-	-	-	-	-
55-65	-		-	-	-	-	-	-
65 & over	_		_	-	-	_		-
TOTALS	2	I	2	_	I		_	

	Cases Notified	Deaths
Gilesgate Ward	 1	_
Leazes Ward	 1	
Priestpopple Ward	 3	1
Hencotes Ward	 -	
	5	1

# FOOD POISONING NOTIFICATIONS (CORRECTED) RETURNED TO REGISTRAR GENERAL.

IST QRTR. Nil	2ND QRTR. Nil	3RD QRTR. Nil	4TH (		TOTAL. Nil
Total	AKS DUE TO II Outbreaks—Nil. REAKS DUE TO:-	Total cases—		aths—	Nil.
(a) (b)	Chemical Poisons Salmonella Organ	nisms			Nil Nil Nil
(d) (e)	Staphylococci (in Cl. botulinum Other bacteria				Nil

#### OUTBREAKS OF UNDISCOVERED CAUSE.

Total Outbreaks—Nil. Total cases—Nil. Total deaths—Nil. SINGLE CASES.

Agent identified—Nil. Unknown cause—Nil. Total—Nil.

#### HEALTH SERVICES OF THE AREA.

#### Hospitals.

There are in the district two hospitals, namely the Hexham General Hospital and the Hexham War Memorial Hospital under the management of the Hexham and District Hospital Management Committee. These hospitals together with others in the area under the Hexham and District Hospital Management Committee and the Newcastle group of hospitals are available to cases from the area.

Cases of infectious diseases requiring admission to hospital are referred to the City Hospital for Infectious Diseases, Newcastle upon Tyne.

#### 2. Ambulance Service.

The British Red Cross acting as agents for the Northumberland County Council provide an ambulance service which serves the district. An ambulance station is situated at West Orchard, Hexham.

### 3. Home Help Service.

The Northumberland County Council Home Help Service is in operation in the district. Home Helps are available to householders where such help is required owing to illness or confinement and their services are obtained through the office of the West Area Health Sub-Committee.

### 4. Maternity and Child Welfare Clinics.

The following Maternity and Child Welfare Clinics are held in the district:—

CHILD WELFARE CLINIC:—Central Methodist Church Hall, Friday, 9-30 a.m.—12 a.m. and 1-30 p.m.—4-0 p.m.

ANTE-NATAL CLINIC:—Hexham General Hospital, first three Wednesdays in every month, 1-30 p.m.—4 p.m.

## 5. Midwifery and Home Nursing Service.

These services are now administered by the Northumberland County Council and in this district are combined. There are two Nurse Midwives working in the Hexham Urban District.

# REPORT OF THE SANITARY INSPECTOR

(HUGH MITCHELL)

#### INSPECTIONS AND VISITS.

Factories and Workplaces	s						149
Milk and Dairies							64
Drainage Works: Choke	d						5
Recor	structe	d					33
New							31
Sanitary Conveniences							46
Water Supply							103
Food Premises							238
Shops							67
Slaughter Houses and Kr	nackers	Yards					462
Moveable Dwellings							24
Keeping of Animals							32
Smoke Nuisances							29
Offensive Trades							12
Offensive Accumulations							18
Markets and Marts							24
Housing Visits, including	Public	Health	and H	ousing	Acts		176
Common Lodging Houses							12
Disinfestation of Rats, M	ice and	other V	ermin			• •	421
				Тота	L		1,946

## SUMMARY OF WORK EFFECTED.

	Hexham Urban District.	By Informal Action	After Statutory Notice	Total
Sanitary Conveniences	Privies and Privy ashpits abolished ,, repaired Pail-closets abolished Water closets provided Sanitary bins provided ,, renewed	54	111111	4 — 18 54 21
Drainage	New drains constructed Drains repaired or reconstructed Additional gullies provided Old gullies replaced Scullery sinks provided , waste pipes repaired , trapped Yards repaired or reconstructed	38		31 38 27 19 3 2 4
Number of Samples collected 88 Sources closed or discontinued Nil. No. of houses affected, Nil  New Service provided:—  (a) By Local Authority 45 No. of houses 45 (b) By Private Owner 9 No. of houses 9  Number of Dwelling Houses supplied by:—  (a) Internal Tap or 54 (b) Standpipe				

## FOOD INSPECTION.

	UNSC	UND	FOOD	)		Surrendered Seized		Seized	Legal Pro- ceeding
							lbs.		
1.	Beef (Hor					5,072		Nil	Nil
2.	,, (Imp					1		-	
	Mutton (F					277			
4.	,, (I	mporte	d)			1		_	-
5.	Pork					130		-	-
6.	Game						Vil	-	
7.	Poultry						Vil ozs.		_
8.	Fish				A		0	_	-
9.	Fruit					1	Vil		_
10.	Canned go	ods				1402	10		
11.	Bacon					79	2	-	-
12.	Cheese					39	9		-
13.	Butter					1	Vil	-	
14.	Lard					N	Vil	_	-
15.	Eggs					1	Vil		-
16.	Other food	is				320	4	_	_

#### NUMBER OF ANIMALS SLAUGHTERED AT THE ABATTOIR.

Beasts	Calves	Sheep	Pigs	Total
1,944	84	4,293	409	6,730

## SUMMARY OF UNSOUND MEAT AND OFFAL.

	Tuberculosis	Other Diseases	Total
Cows	lbs. 15,151	lbs. 26,857	lbs. 42,008
Other Animals	11,407	23,305	34,712
Total	26,558	50,162	76,720

PERCENTAGE OF UNSOUND MEAT-2.78%

## CARCASES INSPECTED AND CONDEMNED.

	Cattle, excldg. Cows	Cows	Calves	Sheep and Lambs	Pigs
Number of animals killed	1604	340	84	4293	409
Dressed and Undressed Carcases	5	20	4	73	8
Number inspected	1609	360	88	4366	417
All diseases except Tuberculosis— Whole carcases condemned	15	26	19	50	6
Carcases of which some part or organ was condemned	341	176	10	172	27
Percentage of the number inspected affected with disease other than tubercul- osis	22.7	56.1			5.0
	22.I	50.1	32.9	5.1	7.9
Tuberculosis only— Whole carcases condemned	12	20	2	-	2
Carcases of which some part or organ was condemned	133	75	I		14
Percentage of the number inspected affected with tuber-culosis	9.0	26.3	3.4	H=R	3.8

## TUBERCULOSIS IN COWS.

	1948	1949	1950	1951
Whole Carcases condemned	23	28	25	20
Part Carcases or Organs affected	85	60	57	75
Percentage affected	35.7%	31.7%	26.3%	26.3%

# FACTORIES ACTS, 1937 and 1948. INSPECTIONS (including Inspections made by Sanitary Inspector)

		N	1	Number of		
	Premises	Number on Register	Inspections	Written Notices	Occupiers Prosecuted	
(I)	Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	12	26	2		
(II)	Factories not included in (I) in which Section 7 is enforced by the Local Authority	69	107	3	N 1	
(III)	Other premises in which Section 7 is enforced by the Local Authority (exclud- ing Outworkers Premises)	9	16			
	Total	90	149	5	_	

#### CASES IN WHICH DEFECTS WERE FOUND.

	Number of Cases in which Defects were Found						
Particulars.			Referred		No. of cases		
	Found	Remedied	To H.M.I.	By H.M.I.	Pro- secutions instituted.		
Want of Cleanliness	4	4	_	2	_		
Overcrowding			-	_	_		
Unreasonable Temperature	1	The state of	_	1	_		
Inadequate Ventilation		1	_	_	_		
Ineffective Drainage of Floors			_	_	_		
Sanitary Conveniences— (a) Insufficient	7	9	-	4			
(b) Unsuitable or Defective	2	2		2	-		
(c) Not Separate for Sexes	_	1	10.2000	_			
Other Offences (not including Offences relating to Outwork)	_		_		ME		
TOTAL	14	17	_6100	9	_		

# HOUSING.

### HOUSES ERECTED DURING THE YEAR 1951.

HOUSE	S ERECTED DURING THE	YEAR 1951.		
		With State	Unaided	Тота
(a) By	Local Authority	Assistance 39	_	39
	other Bodies or Persons	6	9	15
1 7	and a second	-1 41 - W		
	pection of Dwellinghouses du			
(1)	Total number of dwelling h ing defects (under Public I			57
(2)	Number of dwelling house so dangerous or injurious for human habitation			4
(3)	Number of dwelling houses ( to under the preceding sub- all respects reasonably fit for	head) found not	to be in	27
2.—Ren	nedy of Defects without Serv	vice of Formal N	Notices :	
	mber of defective dwelling ho			
	equence of informal action b	y Local Authori	ty or its	10
o	officers			18
3.—Act	ion under Statutory Powers :			
(A)	Proceedings under Sections 9, Act, 1936 :	, 10, and 16 of the	Housing	
	(1) No of dwelling house "notices" were served in		f which	Ni
	(2) No. of dwelling houses after service of formal no		dered fit	
	(a) By owners (b) By Local Authority	in default of owr	ners —	Ni Ni
(B)	Proceedings under Public He	ealth Acts:		
	(1) No. of dwelling house "notices" were served			Ni
	remedied	in which defer		1/1
	(2) No. of dwelling houses remedied after service of			
	(a) By owners		–	Ni
	(b) By Local Authority i	n default of own	ers	Ni
(C)	Proceedings under Sections 1 1936:	1 and 12 of Hous	ing Act,	
	(1) Number of dwelling hou		of which	271
	Demolition Orders were (2) Number of dwelling ho		in nur-	Ni
	suance of Demolition Or			Nil
(D)	Proceedings under Section 12	of the Housing A	ct 1936.	
(1)	(1) Number of separate ter			
	rooms in respect of whi			
	made			Ni

1	(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	
1	.—Number of houses permanently discontinued as dwellings and not included above	4.
	HOUSING ACT, 1949 (Sec. 20).	
2	a) Number of separate Dwelling Houses in respect of which applications for grant have been received	(a
Nil	Number of separate Dwelling Houses in respect of which applications for grant have been approved	(b

PREVENTION OF DAMAGE BY PESTS ACT, 1949.
Number of premises inspected 125
Number of surface infestations treated 80
Number of visits and revisits 421
Estimated number of rodents destroyed 1,757
THE MILK (SPECIAL DESIGNATION) (PASTEURISED
AND STERILISED MILK) REGULATIONS, 1949.
Dealers Licences granted, Pasteurised 3
Dealers Licences granted, Tuberculin Tested
(Pasteurised) 3
THE MILK (SPECIAL DESIGNATION) (RAW MILK)
REGULATIONS, 1949.
Dealers Licences granted 3
Supplementary Licences granted 1
MILK SAMPLES.
Number collected :—
(a) For Methylene Blue Test 138
(b) For Biological Report 25
(c) Phosphatase 3
SLAUGHTER OF ANIMALS ACT, 1933.
Renewals of Licence to Slaughter 17
New Licences Granted Nil
DISINFECTION.
Scarlet Fever (Premises) 8
Bedding Steam Disinfected Lots 3



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