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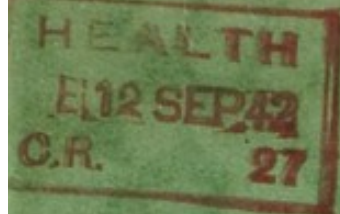
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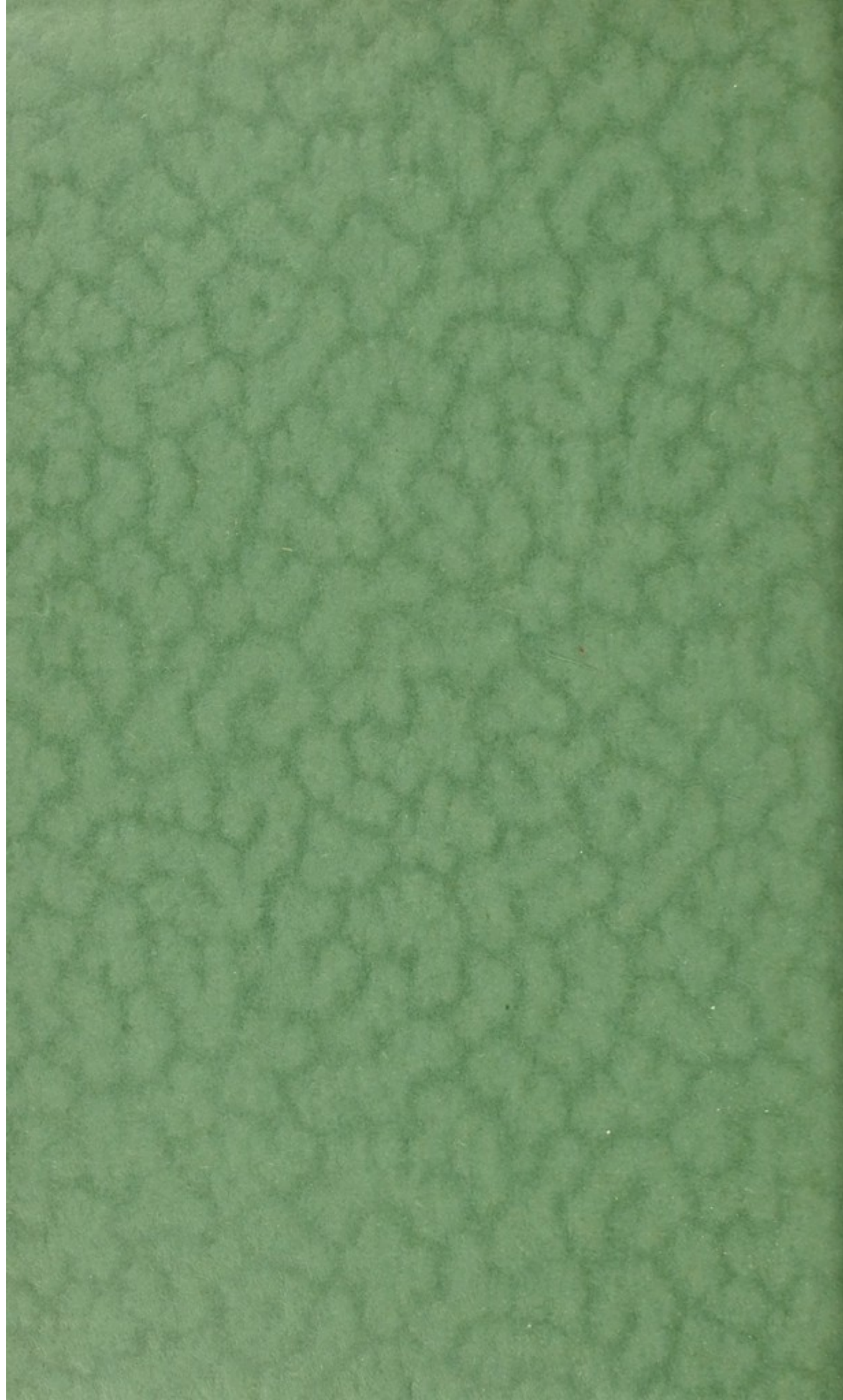


# ANNUAL REPORT

*of the*  
Medical Officer of Health  
for the Year 1941.

J. M. WATT, M.D., D.R.C.O.G., D.C.H., D.P.H.,  
MEDICAL OFFICER OF HEALTH.





# Summary of Statistics.

## ROTHERHAM RURAL DISTRICT.

Area (acres) ... ..	28,739
Population—1931 Census (corrected) ... ..	38,734
Population—(Civilian) 1941 ... ..	41,280
Number of Inhabited Houses, Census, 1931 ... ..	8,673
Number of Persons per House, Census, 1931 ... ..	4.5
Number of Families or separate Occupiers (1931) ... ..	9,206

Years ...	1941	1940	1939	Mean of 1929-38	Mean of 1919-28
Population (Registrar-General, 30th June) ... ..	41,280	40,510	40,603	40,057	37,931
Number of Inhabited Houses (31st December) ... ..	11,209	11,157	11,114	9,706	7,639
Rateable Value ... ..	£157,384	£156,812	£153,520	£158,145	£229,399
Sum represented by a Penny Rate	£620	£603	£593	£589	£942
BIRTHS—Number ... ..	836	783	845	804	1,037
Rate per 1,000 population ... ..	20.3	19.3	20.8	20.0	27.2
Ditto England and Wales	14.2	14.6	15.0	15.2	19.5
Illegitimate Births per 1,000					
Infants born ... ..	32	46	38	38	41
DEATHS—Number ... ..	429	443	385	411	424
Nett Rate per 1,000 population	10.4	10.9	9.5	10.3	11.1
Corrected Rate for age and sex, etc. ... ..	—	13.4	11.7	11.8	†11.0
Death Rate England and Wales	12.9	14.3	12.1	12.1	12.3
INFANTILE MORTALITY—per 1,000					
Births ... ..	64	53	54	76	90
England and Wales	59	55	50	61	75
Illegitimate Infants ... ..	115	83	31	110	*
Deaths under 1 year ... ..	55	42	46	61	95
PRINCIPAL CAUSES OF DEATH—					
Pulmonary Tuberculosis ... ..	14	13	14	19	21
" Other " Tuberculosis ... ..	4	6	4	5	10
Influenza ... ..	7	7	5	12	16
Pneumonia ... ..	25	24	29	33	50
Bronchitis... ..	25	47	12	17	34
Cancer ... ..	59	62	56	45	30
Intra-Cranial Vascular Lesions (Cerebral Hæmorrhage) ... ..	34	36	20	18	*
Heart Disease ... ..	77	80	76	67	31
Acute and Chronic Nephritis ... ..	8	9	3	9	8
Seven principal " Zymotic " Diseases ... ..	14	10	13	23	32

\* Figures not available.

†Mean for  
1925-1928.



## SUMMARY OF STATISTICS—continued.

Years ...	1941	1940	1939	Mean of 1929-38	Mean of 1919-28
DEATH RATES PER 1,000 POPULATION FROM—					
Pulmonary Tuberculosis ...	0.34	0.32	0.34	0.47	0.55
" Other " Tuberculosis ...	0.10	0.15	0.10	0.12	0.26
Seven principal " Zymotic " Diseases ...	0.34	0.25	0.32	0.57	0.85
Influenza ...	0.17	0.17	0.12	0.30	0.43
Pneumonia ...	0.61	0.59	0.71	0.83	1.31
Bronchitis ...	0.61	1.16	0.29	0.43	0.90
Other Diseases of Respiratory Organs ...	0.19	0.17	0.05	0.10	0.14
Cancer ...	1.43	1.53	1.37	1.12	0.80
INFECTIOUS DISEASES—Cases Notified—					
Small Pox ...	—	—	—	1	11
Diphtheria ...	78	43	18	63	27
Scarlet Fever ...	61	70	101	133	107
Typhoid and Paratyphoid Fevers ...	—	—	—	2	5
Erysipelas ...	12	13	11	18	20
Ophthalmia Neonatorum ...	2	—	3	3	8
Puerperal Pyrexia ...	5	8	7	4	*
Pulmonary Tuberculosis ...	24	21	23	48	83
" Other " Tuberculosis ...	6	6	8	23	43
Cerebro Spinal Fever ...	25	1	1	7	1
INFECTIOUS DISEASES—Attack Rates per 1,000 population—					
Diphtheria ...	1.89	1.06	0.44	1.58	0.72
Scarlet Fever ...	1.48	1.73	2.48	3.30	2.71
Typhoid and Paratyphoid Fevers ...	—	—	—	0.05	0.12
Erysipelas ...	0.29	0.32	0.27	0.46	0.53
Puerperal Pyrexia ...	0.12	0.20	0.17	0.10	*
Pulmonary Tuberculosis ...	0.58	0.52	0.56	1.20	2.18
" Other " Tuberculosis ...	0.15	0.22	0.20	0.58	1.13
Cerebro Spinal Fever ...	0.61	0.27	0.02	0.20	0.02
NUMBER OF DEATHS FROM—					
Diphtheria ...	5	5	1	8	4
Scarlet Fever ...	2	1	—	1	1
Typhoid and Paratyphoid Fevers ...	—	—	—	1	1
Erysipelas ...	—	—	—	—	—
Measles ...	1	1	1	4	8
Whooping Cough ...	2	—	5	4	6
Cerebro Spinal Fever ...	8	—	—	4	—
DEATH RATES PER 1,000 POPULATION FROM—					
Diphtheria ...	0.12	0.12	0.02	0.19	0.11
Scarlet Fever ...	0.05	0.02	—	0.03	0.02
Typhoid and Paratyphoid Fevers ...	—	—	—	0.02	0.04
Erysipelas ...	—	—	—	0.01	0.00
Measles ...	0.02	0.02	0.02	0.11	0.22
Whooping Cough ...	0.05	—	0.12	0.10	0.17
Cerebro Spinal Fever ...	0.19	—	—	0.11	0.01
PERCENTAGE OF DEATHS PER CASES NOTIFIED—					
Diphtheria ...	6.4	11.6	5.5	13.3	13.5
Scarlet Fever ...	3.3	1.4	—	0.6	0.7
Typhoid and Paratyphoid Fevers ...	—	—	—	18.7	21.0

\* Figures Not Available.

TABLE I.

Birth-rates, Death-rates, Analysis of Mortality, Maternal Death-rates,  
and Case-rates for certain Infectious Diseases in the year 1941.

	Rotherham Rural District	England and Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	London Adminis- trative County
*Rates per 1,000 Civilian Populations.					
BIRTHS :—					
Live ... ..	20.3	14.2	14.7	16.4	8.9
Still ... ..	0.63	0.51	0.58	0.60	0.33
DEATHS :					
All Causes ... ..	10.4	12.9	14.9	13.0	16.3
Typhoid and Paratyphoid Fevers } ... ..	—	0.00	0.00	0.00	0.01
Scarlet Fever ... ..	0.05	0.00	0.00	0.01	0.00
Whooping Cough ... ..	0.05	0.06	0.07	0.06	0.04
Diphtheria ... ..	0.12	0.07	0.08	0.06	0.03
Influenza ... ..	0.17	0.19	0.17	0.20	0.15
Smallpox ... ..	—	—	—	—	—
Measles ... ..	0.02	0.03	0.03	0.03	0.02
NOTIFICATIONS :					
Typhoid Fever ... ..	—	0.03	0.02	0.03	0.04
Paratyphoid Fever ... ..	—	0.09	0.12	0.09	0.05
Cerebro Spinal Fever ... ..	0.61	0.25	0.31	0.20	0.30
Scarlet Fever ... ..	1.48	1.47	1.49	1.51	1.01
Whooping Cough ... ..	3.46	4.39	4.37	4.50	3.50
Diphtheria ... ..	1.89	1.25	1.53	1.19	0.93
Erysipelas ... ..	0.29	0.30	0.36	0.27	0.50
Smallpox ... ..	—	—	—	—	—
Measles ... ..	13.47	10.33	8.27	10.47	4.77
Pneumonia ... ..	1.69	1.25	1.53	1.04	1.07
Rates per 1,000 Live Births.					
Deaths under 1 year of age	64	59	71	56	68
Deaths from Diarrhoea and Enteritis under 2 years of age ... ..	4.6	5.1	7.5	4.6	6.8
Rates per 1,000 Total Births (Live and Still)					
MATERNAL MORTALITY (Ex- cluding Abortion) :					
Puerperal Infection (No. 147— ... ..	2.25	0.48	} Not available		
Others ... ..	—	1.75			
Total ... ..	2.25	2.23			
NOTIFICATIONS :					
Puerperal Fever ... ..	5.62	11.91	15.64	9.43	2.29 19.33 including Puerperal Fever
Puerperal Pyrexia ... ..					

\*A dash (—) signifies that there were no deaths.



## DIPHTHERIA IMMUNISATION.

	Under 5 years of age	Over 5 years of age
Number of children immunised in Schools by the Medical Officer of Health ... ..	206	1,821
Number of children immunised in Hospital ... ..	12	10
Number of children immunised by Medical Practitioners and at Infant Welfare Clinics ... ..	233	184
Number of evacuees immunised at School Clinics ... ..	50	20
Number of children receiving a full course of protective treatment against diphtheria during 1941 ...	501	2,035
Total number immunised ... ..		2,536

## SCABIES TREATMENT.

Number of cases treated for scabies as Out-patients at Swallownest Isolation Hospital during 1941 ... ..	195
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## NUISANCE INSPECTIONS.

Nuisances in hand at close of 1940 ... ..	22
Number of Nuisances during 1941 ... ..	1,177
Total requiring abatement ... ..	1,199
Preliminary Notices served during 1941—Informal 51+69 letters	
Number of Nuisances remedied ... ..	1,175
Statutory Notices served during 1941 ... ..	2
„ „ complied with (1 in hand) ... ..	1
Total number of inspections in 1941 ... ..	887
Nuisances in hand at close of 1941 ... ..	24

# PROPERTIES ERECTED DURING 1941.

1 House and 2 Bungalows ... ..	3
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## DRAINAGE AND SEWAGE.

Number of houses not connected to sewers ... ..	560
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## CLOSET ACCOMMODATION.

Number of Privies with open middens ... ..	12
Number of Privies with covered middens ... ..	330
Number of Pan Closets ... ..	163
Approximate number of Water Closets ... ..	10,560
Number of Water Closets constructed for new properties ...	3
Number of Conversions of Privies to Water Closets... ..	9

## WATER SUPPLY.

Number of Dwelling Houses on public supply ... ..	11,096
Bacteriological examinations of wells and springs for emergency water supply—	
Satisfactory ... ..	24
Unsatisfactory ... ..	21
Bacteriological examinations of water from colliery workings for emergency water supply—	
Satisfactory ... ..	1
Unsatisfactory ... ..	1
Bacteriological examinations of main supply—	
Satisfactory ... ..	5
Unsatisfactory ... ..	1
Bacteriological examination of water from open-air swim- ming pool—	
Satisfactory ... ..	1
Chemical examination of private water supply—	
Satisfactory ... ..	1
Chemical examination of water from colliery workings for emergency water supply ... ..	1

## MILK SUPPLY.

Number of cowkeepers in the District ... ..	156
Total number of cowsheds ... ..	214
Number of Milk Cows (approximate) ... ..	1,360
Number of cowshed inspections ... ..	87
Number of wholesale traders registered ... ..	115
Number of retail milk sellers registered ... ..	186



## MACROSCOPICAL EXAMINATIONS.

Number of samples examined macroscopically ... Nil.

## FOOD AND DRUGS ACT, 1938.

Milk Samples.		Other Foods.		Total.	
Gen.	Ad.	Gen.	Ad.	Gen.	Ad.
58	6	5	5	63	11

With regard to the six adulterated milk samples, in three cases the percentage of adulteration was not sufficiently high to warrant any action being taken; two of the vendors were cautioned and the remaining case is still pending.

Ten samples of other foods were obtained, five of which were reported against, cautions being issued where necessary.

## MILK (Special Designations) Regulations 1936—1941.

## LICENCES IN OPERATION IN 1941.

Accredited	...	...	...	...	...	...	16
Tuberculin Tested	...	...	...	...	...	...	1

## RESULTS OF BACTERIOLOGICAL EXAMINATIONS.

## Accredited—

Satisfactory	...	...	...	...	...	...	20
Unsatisfactory	...	...	...	...	...	...	3

## Tuberculin Tested—

Satisfactory	...	...	...	...	...	...	2
Unsatisfactory	...	...	...	...	...	...	—

Veterinary Inspections are carried out at least twice a year but no details of individual district inspections are given by the Ministry of Agriculture.

## MEAT INSPECTION.

Distributing Meat Centre (Bramley) was abandoned in July, 1941. Since that date all meat has been distributed from the Rotherham Abattoir.

Number of inspections made at centre	...	...	...	69
Number of inspections of butchers' shops	...	...	...	91
Number of inspections made of Farmers' and Cottagers' pigs	...	...	...	117
Amount of meat (chiefly offals) condemned on account of either Flukes (Distomum Hepaticum) Cirrhosis or Necrosis	...	...	...	594½ lbs.

#### OTHER FOODS.

Number of Bakehouses in District	...	...	...	8
Total Number of Inspections	...	...	...	17

#### SMOKE ABATEMENT.

Work discontinued July, 1940.



**INFANTILE MORTALITY RATES, BIRTH RATES & DEATH RATES**  
**ROTHERHAM R.D., WEST RIDING ADMINISTRATIVE COUNTY & ENGLAND AND WALES**  
**FOR THE YEARS 1919 - 1941**

