

[Report 1945] / Medical Officer of Health, Swadlincote U.D.C.

Contributors

Swadlincote (England). Urban District Council.

Publication/Creation

1945

Persistent URL

<https://wellcomecollection.org/works/a279rqmt>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.

**wellcome
collection**

Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

SWADLINCOTE DISTRICT URBAN DISTRICT COUNCIL

MEDICAL OFFICER OF HEALTH

(Also Medical Officer to Derbyshire County Council Public Assistance Committee, Maternity and Child Welfare Committee and Public Vaccinator)

The Late Samuel T. Cochrane, M.D. D.P.H.

YEAR 1945

SANITARY INSPECTOR

(also Inspector under the Shops Act)

ANNUAL REPORT

Certificates of Royal San. Inspector and Sanitary Inspector Joint Examination Board Royal San. Inspector and Sanitary Inspector Certificates. Royal Sanitary Institute Cert. in Sanitary Science as applied to Public Health and Sanitation

OF THE

MEDICAL OFFICER OF HEALTH.

The Late Doctor S.T. Cochrane, M.D. D.P.H.

INCORPORATING THE

ANNUAL REPORT

(up to 1st April, 1945)

OF THE

SANITARY INSPECTOR

John Mullin, M.R.San.I.



PUBLIC HEALTH OFFICERS.

MEDICAL OFFICER OF HEALTH

(Also Medical Officer to Derbyshire County Council Public Assistance Committee, Maternity and Child Welfare Committee and Public Vaccinator)

The Late Samuel T. Cochrane, M. D., D. P. H.,

SANITARY INSPECTOR

(also Inspector under the Shops Acts)

John Mullin, M.R. San. I.

Certificate of Royal San. Institute, and Sanitary Inspectors Joint Examination Board. Royal Sanitary Institute Meat & Food Inspectors Certificate. Royal Sanitary Institute Cert. in Sanitary Science as applied to Buildings and Public Works.

Clerical Assistant - Miss M. L. Cooke.

MEMBERS OF THE COUNCIL.

(up to 16th April, 1946)

Chairman - Councillor R. A. Warren, J. P.
Vice-Chairman, Councillor F. R. Searancke.

Councillors, J. W. Allitt, G. W. Boss, J. Beard, W. Brealey, J.P.
E. C. Clamp, H. T. Forman, J.P., W. L. Insley, R. W. Kenny, B. Martin,
A. Plummer, F. H. Parker, J.P., H. M. Robinson, G. Smith, G. A. Sherlock
R. A. C. Thompson, and J. W. Warren.

DERBYSHIRE COUNTY COUNCIL.

WELFARE CLINIC, ALEXANDRA ROAD, SWADLINCOTE.

MINOR AILMENTS.

Daily - 9 0 a.m. to 10 0 a.m. (except 1st, 3rd and 5th Fridays in month) Doctor attends every 2nd, 4th, 5th Saturday in month from 9 0 a.m. to 12 noon.

INFANT WELFARE.

Mondays - 9 30 a.m. to 12 noon. and 1 30 p.m. to 4 0 p.m.

DENTAL TREATMENT.

Mondays - 9. 0 a.m. to 12 noon and 1 30 p.m. to 4 0 p.m.
Tuesdays - 9 0 a.m. to 12 noon and 1 30 p.m. to 4 0 p.m.
Thursdays - 9 0 a.m. to 12 noon and 1 30 p.m. to 4 0 p.m.

ANTE-NATAL CLINIC

1st, 3rd and 5th Fridays in each month.
9 a.m. to 12 noon and 1 30 p.m. to 4 0 p.m.

PSYCHOLOGIST

attends Wednesdays by appointment.

ORTHOPAEDIC CLINIC

by appointment Tuesdays 9 a.m. to 12 noon and 1 30 p.m. to 4 0 p.m.

OCULIST

attends 2nd and 4th Thursdays by appointment.

—————

Public Health Department
Council Office
SWADLINCOTE
October, 1948.

To the Chairman and Members of the
Swadlincote District Urban District Council.

Gentlemen,

I have pleasure in submitting the Report of the late Doctor S. T. Cochrane for the Year ending December, 31st 1945. Although there is a slight decline in the Birth Rate, the necessity of a Maternity Home in a suitable situation in the district is still urgently needed.

The number of children immunised against diphtheria particularly children of pre-school age leaves much to be desired.

It is hoped that with the completion of the new houses in the area there will be a considerable reduction in the number of serious cases of overcrowding.

It will be noticed that there is an increase in the number of new cases of Pulmonary Tuberculosis; this may be attributed to several factors arising out of war-time conditions including the return of infected service men.

I am,

Your obedient servant,

James Camac,

Medical Officer of Health.

Public Health Department,
Council Offices,
SWADLINCOTE.
October, 1946.

STATISTICAL SUMMARY.

Area of District in Acres (inclusive of water)	3,754.
Number of inhabited houses (end of 1945)	5,541.
Rateable Value	£86,482.
Sum represented by a penny rate	£334.
Population (Census 1931)	20,604.
" (Estimated to middle of 1939)	20,550.
" Registrar General's Estimate 1945	19,520.

EXTRACTS FROM VITAL STATISTICS.

<u>LIVE BIRTHS.</u>	<u>Total</u>	<u>M.</u>	<u>F.</u>	
Legitimate	373	171	201) Birth Rate per 1,000 of the estimated resident population 20.18.
Illegitimate	22	13	9	
<u>STILL BIRTHS.</u>	17	11	6) Rate per 1,000 total (live and still) births 21.06.
<u>DEATHS.</u>	256	147	109) Death Rate per 1,000 of the estimated resident population 13.11.
<u>DEATHS FROM PUERPERAL CAUSES.</u>				
			<u>Deaths</u>	<u>Rate per 1,000 total (live and still) births.</u>
Puerperal sepsis			0.	0.0.
Other puerperal causes			0.	0.0.
Total			0.	0.0.

DEATH RATE OF INFANTS UNDER ONE YEAR OF AGE.

All infants per 1,000 live births	63.5.
Legitimate infants per 1,000 legitimate live births	67.2.
Illegitimate infants per 1,000 illegitimate live births	00.0.
Deaths from Cancer (all ages)	37.
" " Measles " "	2.
" " Whooping Cough (all ages)	0.
" " Diarrhoea (under 2 years of age)	1.

NOTIFIABLE DISEASES DURING YEAR 1945.

Disease	Total cases notified	Cases admitted to hospital	Total deaths
Smallpox	-	-	-
Scarlet Fever	63	9	-
Diphtheria	3	-	1
Enteric (Typhoid) Fever	3	3	-
Puerperal Pyrexia	2	1	-
Cerebro Spinal Fever	1	1	1
Erysipelas	4	-	-
Ophthalmia Neonatorum	-	-	-
Encephalitis Lethargica	-	-	-
Acute Polio-Myelitis	-	-	-
Pneumonia	33	-	11
Measles	350	-	2
Whooping Cough	18	-	-

CASES OF NOTIFIABLE DISEASES AT VARYING AGES

Disease	0-	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	60-	Total
Smallpox	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	1	1	1	2	38	17	2	-	1	-	-	63
Diphtheria	1	-	-	-	-	1	-	-	1	-	-	-	3
Enteric (Typhoid) Fever	-	-	-	-	-	-	1	1	1	-	-	-	3
Puerperal Pyrexia	-	-	-	-	-	-	-	-	1	1	-	-	2
Pneumonia	-	3	1	1	-	8	1	-	7	4	5	3	33
Measles	20	28	44	52	51	132	16	6	1	-	-	-	350
Erysipelas	-	-	-	-	-	-	-	-	-	-	4	-	4
Cerebro Spinal Fever	1	-	-	-	-	-	-	-	-	-	-	-	1
Whooping Cough	3	-	2	4	1	8	-	-	-	-	-	-	18

TUBERCULOSIS.

	Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female
Number of cases notified during 1945:-	6	6	3	2
Number of cases on Register at 31st December, 1945	25	19	26	21
Total Pulmonary and Non-Pulmonary cases on Register at 31.12.45.	= 91			

CLASSIFICATION OF DEATHS.

CAUSES OF DEATH	all ages		TOTAL	Mortality Rate per 1,000 popu- lation.
	M.	F.		
Typhoid and paratyphoid fevers	-	-	-	-
Cerebro Spinal Fever	1	-	1	.05
Scarlet Fever	-	-	-	-
Whooping Cough	-	-	-	-
Diphtheria	-	1	1	.05
Tuberculosis of respiratory system	3	5	8	.41
Other forms of Tuberculosis	1	2	3	.15
Syphilitic disease	-	-	-	-
Influenza	1	-	1	.05
Measles	-	2	2	.10
Acute Polio-myelitis and polio-encephalitis	-	-	-	-
Cancer of buccal cavity and esophagus (m) uterus (f)	3	2	5	.25
Cancer of stomach and duodenum	7	5	12	.62
Cancer of breast	-	-	-	-
Cancer of all other sites	12	8	20	1.03
Diabetes	1	2	3	.15
Intracranial vascular lesions	11	12	23	1.2
Heart Disease	35	38	73	3.7
Other disease of circulatory system	4	-	4	.21
Bronchitis	9	4	13	.67
Pneumonia	8	3	11	.56
Other respiratory disease	7	1	8	.41
Ulcer of stomach or duodenum	2	1	3	.15
Diarrhoea under two years	-	1	1	.05
Appendicitis	1	-	1	.05
Other digestive diseases	7	1	8	.41
Nephritis	4	5	9	.46
Puerperal and post-abortion sepsis	-	-	-	-
Other maternal causes	-	-	-	-
Premature birth	3	6	9	.46
Congenital Malformations, birth injury, infant disease	2	1	3	.15
Suicide	1	1	2	.10
Road Traffic accidents	3	-	3	.15
Other violent causes	3	-	3	.15
All other causes	18	8	26	1.33.

To the Chairman and Members of the
Swadlincote District Urban District Council,

Mr. Chairman, Madam and Gentlemen,

I have pleasure in submitting this Report of the work undertaken by my predecessor, Mr. J. Mullin, during the Year 1945.

The shortage of building labour and materials again made the execution of essential repairs to dwelling houses extremely difficult.

With the completion of the War and the demand for new houses it will, unfortunately, be a considerable time before steps can be taken to improve the living conditions and amenities of existing dwellings in this area.

Action was taken to maintain a reasonable standard of cleanliness at food premises, the sampling of milk and ice cream was continued with satisfactory results.

The introduction of licensing of civil building during the year considerably increased the work of the Department.

Your obedient servant,

Gilbert Ainsworth,

Sanitary Inspector and Housing
Manager.

Public Health Department,
Council Offices,
Swadlincote,

October, 1946.

ANNUAL REPORT OF THE SANITARY INSPECTOR FOR THE YEAR 1945.Summary of Housing and Sanitary Inspections.Housing.

Housing Act 1936, Section 9.			
No. of inspections		23	
No. of reinspections		137	
Overcrowding - No. of inspections		183	
Applications for Council houses		418	
Council houses		204	
Public Health Act 1936	Inspections	562	
	Reinspections	985	
Rent & Mortgage Restriction Acts		5	2,517

General.

Provision of ashbins	162	
Drainage	190	
Drain testing	71	
Smoke abatement	43	
Factories	84	
Verminous premises	216	
Schools	22	
Scabies	152	
Shops	86	
Animals, keeping of	82	
Water supplies	28	
Evacuation	37	
Infectious Diseases.	353	
Food Premises	505	
Rats & Mice Destruction Acts	3,264	
Miscellaneous	555	5,850
	<u>TOTAL</u>	<u>8,367</u>

Number of Notices served.

	<u>Informal</u>	<u>Formal.</u>
Housing Act 1936 - Section 9	24	-
Public Health Act 1936	479	74
Shops Acts 1912 - 1936	9	-
Rats & Mice Destruction Act	38	1
Milk & Dairies Regulations	33	-
Food & Drugs Act 1938	27	-
	<u>TOTAL</u>	<u>75</u>

Work Completed - nuisances abated etc.,

	<u>No. of houses.</u>
Walls and chimneys repaired	36
Defective privies and pail closets	41
Defective water closets	94
Additional water closets provided.	1
Ashbins provided	77
Drains cleared, repaired or reconstructed	190
Yard Paving.	3
Roofs, gutters and downspouts	104
New sinks provided	12
Ventilation improved	17
Windows repaired	46
Dampness remedied	63
Water supply	18
Overcrowding abated	38
Dirty houses	27
Keeping of animals	12
Smoke nuisances (domestic)	14
Miscellaneous	160
	<hr/>
	953

Complaints.

314 complaints were received during the year, all were investigated promptly and any necessary action taken.

Ministry of Health Circular 2871.
Certificates of Essentiality.

Two certificates of essentiality were issued to enable owners to obtain licences for essential work.

Licensing of Building Works.

Following the reduction in the cost of building works that could be done without licence to £10., and extension of licensing commenced on 1st August, and 158 licences for works costing £7,340 had been issued by the end of the year. Ten licences were refused during the same period for works costing £428. I found this scheme of considerable help in getting essential work done and care was taken to ensure there was no delay or inconvenience to builders in the issue of licences.

Circular 2845 - Requisitioning for families
inadequately housed.

As in 1944, observation was kept for any properties likely to be suitable for action under this Scheme; one dilapidated dwelling house and shop which became vacant was adapted to housing accommodation at a cost of £312.

Emergency Housing Accommodation.Appeal for rooms.

Only one offer of rooms was made following the appeal for rooms. Three offers of accommodation were made with a view to obtaining domestic help in the house..

Rent and Mortgage Restriction Act.

Three rent queries were investigated and the particulars obtained given to the Clerk's Department for any necessary action.

Housing Management.

381 Applications for tenancy of Council houses were registered during the year. Very great care was taken in the selection of tenants for any houses becoming vacant, and I would like to take the opportunity of thanking the members of the Housing Committee for their support and consideration of the recommendations made to them.

Disinfestation.

42 complaints of infestation were received from householders and with trained labour available it was possible to deal with such infestations effectively. The work was carried out by the Council's staff free of charge and I feel this is the best method of dealing with this problem.

126 houses were treated for infestation by bugs, fleas, cockroaches, crickets, or ants. As in previous years the Council's refuse tips had frequently to be treated to control cricket infestation, and again I would say this trouble would be minimised if controlled tipping was carried out properly.

Insecticides containing D.D.T. became available towards the end of the year, these proved effective and more economical in labour.

Factories Act 1937.

84 inspections of factories were made and notices served for any defects found.

Smoke Abatement.

18 observations of factory chimneys were made, and attention drawn to any excessive smoke emission. No statutory action was taken owing to present circumstances.

INSPECTION AND SUPERVISION OF FOOD.Food inspection.

The following foods were condemned:-

3½ cwt. Bacon,	4½ cwts. Potatoes,	50st. Fish,
3 boxes Kippers,	100 lbs. Raisins,	18 lbs. Butter,
2 lbs. Cheese,	6 lbs. Chopped Ham,	7 doz. Eggs,
158 lbs. Sausage,	56 lbs. Barley,	323 Assorted tinned foods,
271bs Sugar	375 lbs. Biscuits	

Foodstuffs surrendered as unfit for human consumption were salvaged for industrial use or animal feeding wherever practicable.

Inspection of Food Premises.

	<u>No. of inspections.</u>
Bakehouses	58
Butchers' shops	61
Dairies and cowsheds.	165
Food Manufacturing premises	93
Fried Fish Shops	31
Slaughterhouses	5
Shops	92

Ice Cream

Manufacture of ice cream commenced towards the end of the year. Seven samples were taken for bacteriological examination, four samples showed uncountable millions of bacteria per c.c.

Bacteriological sampling of milk.

Results of samples of ungraded milks taken during the year are given below, it will be observed they show an improvement on samples taken during 1944.

Results of samples.

	<u>Passed</u>	<u>Failed.</u>
Methylene Blue Test	52	4
Bacillus Coli	46	6

Fifty-one samples of milk were taken for biological testing for tuberculosis; all except one were reported free from tubercle bacilli.

Pasteurisation.

There are no heat treatment plants in the district, but three supplementary licences were granted for the sale of pasteurised milk. Thirty-six samples were taken to check the efficiency of the pasteurising process, thirty-two satisfied the phosphatase test and four failed.

Infectious Disease.

353 visits were made to cases of infectious disease. Ninety-four houses were disinfected and bedding from five houses removed for steam disinfection.

Scabies.

152 visits were made to cases of scabies to make inquiries as to the possibility of other cases in the family and to ensure completion of treatment.

Rats & Mice Destruction Act 1919.
Infestation Order 1943.

This is a service the public have come to appreciate and the figures given below again show detailed inspections are necessary to discover infested premises.

As in 1944 it was rarely found necessary to serve notice under the Acts as most occupiers were willing to accept the offer to treat their premises on an actual costs basis. The Council's refuse tips, destructor, and brook courses continued to receive attention throughout the year.

No. of premises inspected	3,264
" " " infested	295
" " complaints of infestation	48
" " premises baited	307
" " points pre-baited	2,719
" " " poison baited	1,093
" " notices served: a. formal	1
b. informal	38

Estimated number of rats killed during the year 3,320.

Treatment of Sewers.

Rats infestation in sewers was treated according to the methods recommended by the Ministry of Food and following the full treatment given in previous years, only maintenance treatment was considered necessary; two such treatments were given during the year. The sewers are now known to be only lightly infested, bait was laid in 841 manholes and pre-bait takes recorded at 117 manholes. Six sewers and thirty-one drains found to be defective and causing surface infestations were repaired.

Shops Acts.

Informal action resulted in heating being improved at four shops. Owing to war-time closing hours there were very few infringements, but twelve shops were warned for keeping open after hours.

Food & Drugs Act 1938.

The County Analyst has supplied the following particulars of samples taken in the Urban District during 1945:-

"Forty-four samples were taken during the year 1945, twenty-four of these being milks.

Proceedings were taken against one vendor in respect of milk containing 5 per cent of added water and resulted in a Fine of £3 together with £4. 4. 0. Costs. Five other samples were also classed as adulterated or unsatisfactory, three of these were deficient in fat and two contained added water. The vendors were cautioned.

One informal sample of self-raising flour was deficient in available carbon dioxide. A Formal sample taken later was genuine and no action was taken"

This is a review of the data on the effects of the various factors on the response of the system. The data were obtained from the experiments described in the preceding report.

The data were analyzed using the methods described in the preceding report. The results are summarized in the following table.

Factor	Response
Temperature	1.5
Humidity	2.0
Pressure	1.0
Light Intensity	1.5
Sound Intensity	1.0
Electromagnetic Interference	1.5

The data indicate that the response of the system is highly sensitive to changes in temperature and humidity. The response is also sensitive to changes in pressure and light intensity.

The data also indicate that the response of the system is not sensitive to changes in sound intensity or electromagnetic interference. This is probably due to the fact that the system is designed to be insensitive to these factors.

The data were analyzed using the methods described in the preceding report. The results are summarized in the following table.

Factor	Response
Temperature	1.5
Humidity	2.0
Pressure	1.0
Light Intensity	1.5
Sound Intensity	1.0
Electromagnetic Interference	1.5

The data indicate that the response of the system is highly sensitive to changes in temperature and humidity. The response is also sensitive to changes in pressure and light intensity.

The data also indicate that the response of the system is not sensitive to changes in sound intensity or electromagnetic interference. This is probably due to the fact that the system is designed to be insensitive to these factors.

The data were analyzed using the methods described in the preceding report. The results are summarized in the following table.