

[Report 1946] / Medical Officer of Health, Hereford City.

Contributors

Hereford (England). City Council.

Publication/Creation

1946

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CITY OF HEREFORD

1946

Annual Report

OF THE

Medical Officer of Health

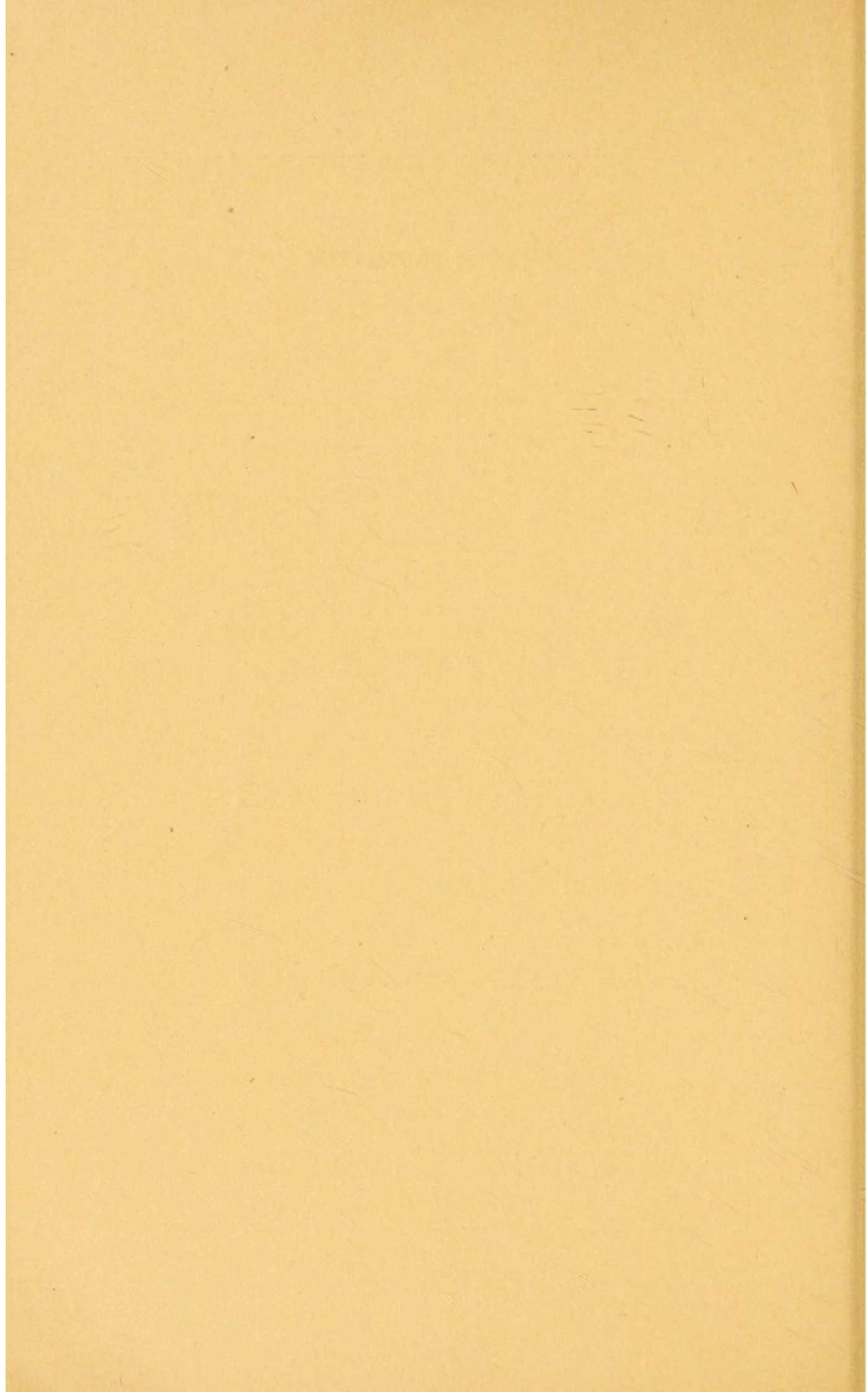
BY

E. DUNBAR TOWNROE

M.R.C.S., L.R.C.P., D.P.H.

Printed by

Adams & Sons (Printers) Ltd., Hereford. 54798



CITY OF HEREFORD

HEALTH COMMITTEE

Alderman C. G. MARCHANT, Mayor.

Alderman R. C. MONKLEY, Chairman.

Alderman J. VINCENT SHAW, Deputy Chairman.

Councillor MRS. AINSLIE.

Councillor WM. PIGOTT. Councillor MRS. RUTHERFORD COLLINS.

Councillor T. LINDSEY PRICE.

MATERNITY AND CHILD WELFARE SUB-COMMITTEE

Alderman C. G. MARCHANT, Mayor

Alderman R. C. MONKLEY, Chairman.

Alderman J. VINCENT SHAW, Deputy Chairman.

MEMBERS OF THE HEALTH COMMITTEE, with Mesdames

H. T. FISH, M. DE LONRA and T. M. PEARCE.

HOUSING ACTS COMMITTEE

Alderman C. G. MARCHANT, Mayor.


Alderman J. VINCENT SHAW, Chairman.

Alderman BIGGS. Councillor FARR.

Councillor NOLAN. Councillor MRS. WALLIS.

Councillor WATKINS.

T. B. FELTHAM, Town Clerk.



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PUBLIC HEALTH DEPARTMENT,
TOWN HALL ANNEXE.

TO THE
*RIGHT WORSHIPFUL THE MAYOR, ALDERMEN
AND COUNCILLORS OF THE CITY OF HEREFORD*

I have the honour to submit to you the Annual Report on the City for the year 1946.

In this report facts and figures dealing with all relevant material connected with the Health Department are included. There have been no epidemics, but rather, in every direction of the Public Health in this City, the figures show an improvement on the previous year, good as that was. The birth-rate is 20.4 compared with 19.1 for 1945, this compares favourably with those for England and Wales. The infant mortality-rate for 1946 is 40.6 as compared with 43. for 1945. The figure for other towns of a similar size was 43. for the year.

Although there has been a noticeable increase in the notifications of Tuberculosis in the forces, owing to war conditions, our figures for the civil population show 14 deaths against 27 for 1945 ; so that there has been an actual decrease in notification amongst the civil population.

Deaths from cancer also show a decrease, being 56 against 72 for 1945. In respect to cancer, whilst more research is always going on, coupled with the undoubted improvement in medical and surgical knowledge, the difficulty in the treatment of cancer is largely due, as it always has been, to the discovery of the malady in its later stages.

Owing to the closing of the Bishop's Palace Nursery, only two day nurseries were functioning for the greater part of the year ; whilst women are required in industry the continuance of such day nurseries for babies is essential under the present conditions.

The Home Help scheme, which your authority was amongst the first to adopt, has proved increasingly popular and is likely to increase as an essential service.

The occurrence of two long wars within one generation, with the consequent strain and uncertainties, has undoubtedly had its effect on the nervous system of the population ; nevertheless, the health of the population, by and large, remains remarkably good.

In the name of expediency the nation has been deluged with propaganda on the subject of diet. It is quite extraordinary how small a range of articles of diet is comprised in the necessary nutrition of a healthy race ; but these articles of diet must be unadulterated and unsophisticated ; in other words, the natural

product of the earth. There is a very wide difference between what is a necessity and that which is a pleasureable luxury, and the luxuries do not of themselves raise the standard of living. For far too long this nation has been the victim of clever advertisements, laziness and lack of knowledge in the art of preparation of food.

The fair distribution of food to the people of these islands during the critical years of the war, has ensured a healthier, if less abundant dietary than they enjoyed in peace time, when by inclination they chiefly subsisted on artificially prepared foods.

It is hoped that the time is fast approaching when we shall hear no more of double summer time ; it is an annoyance to the agriculturist whose work is so important, and it is a physiological sin against child welfare.

Thanks to the public services and the high quality of milk produced in this agricultural county, the general standard of milk in the City is high.

The diminution of cases of Diphtheria admitted to hospital has been most marked. The immunisation clinic is well attended ; reinforcement doses were given to a number of children of school age who had been previously immunised as babies. The Ante-Natal and Child Welfare clinics, judging by the crowded conditions are increasingly appreciated ; a Post-Natal and an additional Infant Welfare clinic have been added during the year.

I would like to bring to your notice the remarkable record of the voluntary workers who have given their time unsparingly over a number of years in the various clinics.

In concluding I would like to thank the members of the Committee for the keen support which they have given me throughout the year, and to express my appreciation of the manner in which all the members of the staff have co-operated with, and assisted me generally, and more particularly in connection with the additional work thrown on the department.

I am,

Your obedient servant,

E. DUNBAR TOWNROE, M.R.C.S., L.R.C.P., D.P.H.

VITAL STATISTICS.

	<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Live Births—Legitimate	581	306	275
Illegitimate	61	32	29
Still Births	20	13	7
Rate per 1,000 total (live and still) births	...	...	20.4
Death Rate per 1,000 of the estimated resident population			11.
Death Rate of Infants under one year of age—			
All Infants per 1,000 live births	...	...	40.6
Legitimate Infants per 1,000 legitimate live births	...	...	29.2
Illegitimate Infants per 1,000 illegitimate live births	...	...	2.
Deaths from Cancer (all ages)	...	...	56.
Deaths from Whooping Cough (all ages)	...	...	2
Deaths from Diarrhoea (under 2 years)	...	...	1

SECTION B.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

There have been no developments or changes during the year in the following services :—

LABORATORY FACILITIES.

AMBULANCE FACILITIES.

NURSING IN THE HOME.

MATERNITY AND CHILD WELFARE.

MIDWIVES.—Midwives practising in the City (apart from hospitals)—8.

MATERNAL MORTALITY—2.

PUERPERAL MORBIDITY.—There were 13 cases of Puerperal Pyrexia.

VISITS TO HOMES OF INFANTS BY HEALTH VISITORS.

First Visits	...	...	493
Second Visits	...	...	204
Third Visits	...	...	139
Fourth Visits	...	...	104
Fifth and subsequent Visits	...	...	68
— Total	...	...	1008
Visits to Infants between 1 and 5 years	...	...	1617
Visits to Expectant Mothers—			
First Visits	...	...	37
Total Visits	...	...	43

INFANT FEEDING.

At 493 " Birth " visits it was found that 165 (33.4) were entirely breast-fed and 328 (66.6) were bottle fed.

4,784 lbs. of dried milk were issued at cost price for infant feeding.

MATERNITY AND CHILD WELFARE CENTRE.

826 mothers made 7,650 attendances; 68 of the mothers came from the Rural District.

Children under 1 year made 5,470 attendances, and between 1 and 5 years, 2,246 attendances, 97 children made 593 attendances at the Toddlers' Clinic.

52 children under 1 year made 219 attendances and 239 children over 1 year made 587 attendances for treatment at the Minor Ailment Clinic.

ANTE-NATAL CLINIC.

381 expectant mothers made 2,196 attendances. Of these 41 were from the Rural District.

DENTAL TREATMENT.

Mothers 93 attendances and 21 children under 5 years made 34 attendances.

NOTIFICATION OF BIRTHS.

Live Births notified	...	...	...	1212
Still Births notified	...	...	...	38
				<hr/>
Total	...	...	...	1250
				<hr/>

570 notifications were transferred out to other M. and C.W. Areas.

INFANTILE MORTALITY.

22 Infants died before reaching the age of 12 months. The Infantile Mortality Rate per 1,000 live births was 40.6. The Infantile Mortality Rate for England and Wales was 43.

The causes of death were :—

			<i>Males.</i>	<i>Females.</i>
Whooping Cough	...	...	—	2
Broncho Pneumonia	...	...	2	2
Malformation	...	...	5	4
Prematurity	...	...	4	1
Gastro-enteritis	...	...	—	1
Other Causes	...	...	1	—
			<hr/>	<hr/>
Total	...	...	12	10
			<hr/>	<hr/>

(The Chief Sanitary Inspector's Report is embodied in Sections C, D and E.)

SECTION C.

SANITARY CIRCUMSTANCES IN THE AREA.**WATER SUPPLY.**

CORPORATION WATERWORKS.

The supply is taken from the river Wye and treated by settlement, filtration through slow sand filters and chlorination. Samples were submitted regularly for Bacteriological Examination.

Mains extensions carried out on Hunderton Housing Estate, Grafton Lane, along Ross Road to Brandon, and Red Hill Cottages, from Bullingham Lane to Slade Gate Cottages and from Moor Farm Lane to Moor Farm. Also in Backbury Road for Bevco Ltd., and services laid to various temporary housing sites.

The water supply to the area has been satisfactory (a) in quality, (b) in quantity.

BACTERIOLOGICAL EXAMINATIONS.

Forty-five samples of the treated water were submitted for examination at regular intervals.

Coliform bacilli were absent from 100 ml. in 42 samples.

The reports on the remaining 3 samples are given below with the date of the subsequent samples showing B. Coli absent.

Sample No. Dated.	Probable number of coliform bacilli, MacConkey 2 days 37°C. per 100 ml.	Approximate proportions of Faecal and Non-Faecal coli.	
		Faecal coli per cent	Non-faecal coli per cent.
9881/46 13th August, 1946	11	100	0
9995/46 15th August, 1946	5	53	17
10146/46 19th August, 1946.	0	0	0
12092/46 10th October, 1946	1	100	0
12215/46 15th October, 1946	0	0	0

In connection with unsatisfactory samples immediate contact and co-operation with the City Engineer brought about normal conditions.

The result of a chemical analysis is given below :

PHYSICAL EXAMINATIONS.

Turbidity ... Nil. Colour ... Nil. Odour ... Nil.

CHEMICAL EXAMINATION.

<i>Determination.</i>	<i>Result in parts per 100,000</i>
Total solids	—
Chlorine as Chlorides	2.3
Total Hardness	8.0
Permanent Hardness	—
Temporary Hardness	—
Free Ammonia	Nil.
Organic Ammonia	0.004
Nitrates	Absent
Nitrogen as Nitrates	0.083
Oxygen absorbed at 98° Fahr. in 3 hours	0.057

Remarks :—Iron, Copper, Lead and Zinc not detected.

All premises in the City, with the exception of 7 houses supplied from wells, receive the supply direct from the Corporation water mains.

WELL WATER.

At the end of the year 7 houses were supplied by 5 wells. During the year 10 houses have been connected to the City Mains.

DRAINAGE AND SEWERAGE.

No major alterations or new work have been carried out during the year. The provisions of the Public Health Act, 1936 and Hereford Corporation Act, 1936 are operated to maintain the drainage of private properties.

CLOSET ACCOMMODATION.

There are 70 dwelling houses all outside the City Sewerage System making use of conservancy closets. All other premises are provided with water closets.

PUBLIC CLEANSING AND SALVAGE.

No change in procedure. The bulk of the refuse is disposed of by incineration, controlled tipping being resorted to during repairs and overhauling of the destruction plant.

Salvage of scrap metals, etc., and the collection and cooking of kitchen waste has continued during the year.

SANITARY INSPECTION OF THE AREA.

The number and nature of inspections and visits made by the staff of the Health Department during the year were as follows :—

Nuisances (including inspections of drainage, sewers, sanitary conveniences and dustbins) ...	827
Housing—	
General	312
Building Licences	916
Requisitioning of Properties	96
Tents and Vans	25
Infectious Disease	151
Factories Act	378
Outworkers	8
Food Preparing Places, including bakehouses ...	309
Unsound Food	238
Ice Cream Premises	95
Dairies, Cowsheds and Milk Shops	48
Public Slaughterhouse	572
Stables and Piggeries	14
Offensive Trades	21
Public Conveniences	68
Cinemas	6
Verminous Houses	30
Smoke Observations	28
Shops Act	28
Miscellaneous	149
Water Supplies	95
Rodent Control	68
Food and Drugs Act (Sampling)	147
Total	<u>4629</u>

The following table shows the number of notices served and complied with :—

NOTICES SERVED.

Statute.	Notices not complied with at end of 1945	Notices served during 1946		Complied with during 1946	Notices not complied with at end of 1946
		Statutory	Informal		
Public Health Act ...	17	5	260	267	15
Factories Act ...	4	43	18	57	8
Shops Act ...	—	—	4	3	1
Hereford Corp. Act ...	—	21	21	42	—
Food and Drugs Act...	3	—	39	41	1
Milk and Dairies Order	—	—	1	1	—
City Bye-laws ...	—	—	3	3	—
	24	69	346	414	25
		415			

NUISANCES AND DEFECTS FOUND.

HEREFORD CORPORATION ACT, 1936.

Choked Drains	52
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PUBLIC HEALTH ACT, 1936.

Public Sewers stopped up	10
Drainage defects	26
Defects to Sanitary Conveniences	52	
General Nuisances, including Housing defects, burst water pipes and accumulation of refuse, etc.	...	...	...	192
Lack of proper Dustbins	417	

FOOD AND DRUGS ACT, 1938.

Contraventions of Section 13	37
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MILK AND DAIRIES ORDER, 1926.

Want of limewashing, etc.	1
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FACTORIES ACT, 1937.

Contraventions of Part 1.	73
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SHOPS ACT, 1934.

Contraventions of Section 10	4
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BYE LAWS.

Tents, Vans and Sheds	3
Waste of Water	3

ERADICATION OF BED BUGS.

Six privately owned and 79 Council houses were disinfected by the use of "Thermatox" fumigators, D.D.T., Gammexane and Lethane 384 Special.

PUBLIC BATHS.

The water in the swimming pool is filtered and chlorinated. Samples of the water are sent for bacteriological examination monthly. Generally the Bacteriologist reported the water as satisfactory.

PUBLIC CONVENIENCES.

All public conveniences in the City are controlled by the Health Department.

The conveniences in the Castle Green have been reconstructed to provide better accommodation for males and females. General repairs and re-painting have been carried out at the other conveniences.

FACTORIES ACT.**1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.**

<i>Premises.</i> (1)	<i>Number of</i>		
	<i>Inspections</i> (2)	<i>Written Notices</i> (3)	<i>Occupiers Prosecuted.</i> (4)
Factories with Mechanical power ...	350	29	—
Factories without mechanical power ...	28	14	—
Other Premises (not including Outworkers)	—	—	—
Total	378	43	—

2.—DEFECTS FOUND.

<i>Particulars.</i> (1)	<i>Number of Defects.</i>			
	<i>Found.</i> (2)	<i>Remedied.</i> (3)	<i>Referred to H.M. Inspector.</i> (4)	<i>Prosecutions.</i> (5)
Want of Cleanliness (S.1) ...	7	7	—	—
Unreasonable Temperature (S.3)	—	—	—	—
Sanitary Conveniences (S.7) :—				
Insufficient	6	6	—	—
Defective Fittings and dirty conditions and bad lighting	60	56	—	—
Other Offences	19	—	19	—
Total	92	69	19	—

Eighteen cases were found where no abstract of the Act was affixed in accordance with the Act. These cases were notified to H.M. Factories Inspector. One case where the occupier disputed whether his premises came within the definition of a factory was also referred to H.M. Factories Inspector.

3.—OUTWORKS PREMISES.

Number of Visits	6
Number of Notices	Nil.

SHOPS ACT—SANITATION.

Number of Visits to Shops ...	28
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DEFECTS AND NUISANCES.

	<i>Found.</i>	<i>Remedied.</i>
Insufficient Sanitary Conveniences ...	1	—
Defective Sanitary Conveniences ...	2	2
Unsatisfactory Staff Room	1	1
Total	4	3

OFFENSIVE TRADES.

Number recorded in the City—

Felmongers	...	...	...	...	...	2
Tripe Boilers	...	...	...	...	...	1
Gut Scrapers	...	...	...	...	...	1
Rag and Bone Dealers	...	...	...	...	...	2
Number of Inspections...	...	...	...	...	...	21
Nuisances found	...	...	...	...	...	—
Nuisances abated	...	...	...	...	...	—

RAG FLOCKS ACT.

There are no manufacturers of rag flock in the City.

No samples were taken during the year.

All rag flock used in the City is purchased under warranty to conform to standards of cleanliness laid down by the Regulations of 1912.

TENTS AND VANS.

Number of occupied vans in the City at end of year 7

Number of visits and inspections 25

The sanitation is governed by bye-laws and the Public Health Act, and offences are brought to the notice of owners and occupiers.

During the Fairs held on Merton Meadow all the vans were visited and found satisfactory.

CAMPING GROUND.

No licences have been granted for the use of any land as a camping site.

RODENT CONTROL.

Taking into consideration the difficult nature of this work, the operations have been satisfactory. During the year 68 inspections were made by the Sanitary Inspectors. A member of the Clerical Staff is engaged part-time on the administration, and one full-time operator is employed. The Corporation has contracted to give quarterly treatments at 166 City premises. In addition regular treatments were continued at the Abattoir, Corporation Yard, Sewage Works and Refuse Destructor Works. The Corporation Sewers received one maintenance treatment.

SECTION D.

HOUSING.

NEW HOUSES.

Number of new houses erected during the year :—

By the Local Authority	...	...	...	...	141
By other bodies or persons	...	...	...	...	12

INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	29
Number of inspections made for the purpose ...	116
(2) Number of dwelling houses (included under sub-head 1) which were inspected and recorded under the Housing Consolidated Regulations, 1925, and 1932	—
Number of inspections made for the purpose ...	—
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	—
(4) Number of dwelling houses (exclusive of those referred to under 3) found not to be in all respects reasonably fit for human habitation	29

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	34
--	----

ACTION UNDER STATUTORY POWERS DURING THE YEAR.

Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which notices were served requiring repairs	—
(2) Number of dwelling houses which were rendered fit after service of formal notices	—
By owners	—
By Local Authority in default of owners	—

Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	29
(2) Number of dwelling houses in which defects were remedied after service of formal notice—	
By owners	1

Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which Demolition Orders were made	5
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	—

Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	... ..	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

In addition to the above :

Number of houses closed on an undertaking of the owner under Section 11	... ..	—
Number of houses awaiting demolition under Demolition Orders	... ..	29
Number of houses demolished under Clearance Orders	... ..	3
Number of houses awaiting demolition under confirmed Clearance Order	... ..	69

HOUSING ACT, 1936, PART IV, OVERCROWDING.

A survey of the accommodation and number of occupants in all privately owned houses in the City was commenced in October. One full-time temporary enumerator is engaged on the work.

One hundred and eighty seven families rehoused by the House Property Manager all came from overcrowded houses.

CLEARANCE AREAS.

No action has been taken under Section 25, Housing Act, 1936, during the year.

LICENCES FOR RE-OCCUPATION.

Forty-two condemned houses are subject to licences for temporary habitation, or for use for storage purposes. Five condemned houses are occupied by squatters without licences or consent of owners.

CONTROL OF CIVIL BUILDING.

The inspections and reports in connection with the issue of Building Licences has become one of the major jobs in the department, as indicated by the number of inspections made.

The work is very exacting and urgent, and has necessitated a meeting of the Housing (Unhealthy Dwellings) Sub-Committee weekly.

Number of Licences dealt with	... ..	850
No. of Inspections	... ..	916

SECTION E.

INSPECTION AND SUPERVISION OF FOOD.**MILK SUPPLY.**

Number of Dairy Farms in the City	12
Number of Retail Purveyors of Milk	66
(a) Resident in the City	36
(b) Non-Resident in the City	30

SPECIAL DESIGNATIONS.

Number of Producers licensed by County Council purveying Tuberculin Tested Milk in the City ...	3
Number of Retailers licensed by the City to bottle Tuberculin Tested Milk	1
Number of Producers licensed by County Council to produce Accredited milk	1
Number of Retail Purveyors licensed by the City to sell Pasteurised milk	1
Numbers of Samples collected... ..	13

BACTERIOLOGICAL EXAMINATION OF MILK.

Twenty samples of milk were submitted to the Clinical Research Association Ltd., for complete bacteriological examination. No Tubercle Bacilli were found in any of the samples.

ICE CREAM.

All premises used for the sale or manufacture of Ice Cream are registered under the Hereford Corporation Act, 1936.

Number of Inspections... ..	85
Number of samples submitted for bacteriological examination	20

All the samples were reported free from organisms of the enteric, salmonella or dysentery groups.

MEAT AND OTHER FOODS.

Number of butcher's shops in the City	37
Number of Preserved Food preparing premises under Private Act	45

There are no private slaughterhouses in the City and the Public Abattoir is occupied by the Ministry of Food. The provisions of the Slaughter of Animals Act, 1933, are strictly enforced.

FOOD TRANSPORT.

The transport of food is controlled by the City Bye-law and the Public Health (Meat) Regulations 1924. Constant supervision of vehicles was maintained, and two warning notices have been issued for non-compliance with the Regulations.

CARCASSES INSPECTED AND PROPORTION CONDEMNED FOR TUBERCULOSIS AND OTHER CONDITION.

	<i>Beeves.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
Number killed	4,950	2,506	18,349	1,158
Number inspected	4,950	2,506	18,349	1,158
<i>All Diseases except Tuberculosis—</i>				
Whole carcasses condemned ...	65	43	117	6
Carcasses of which some part or organ was condemned	1,621	11	1,600	124
Percentage of the number inspected affected with disease other than T.B.	34.06%	2.15%	9.36%	11.22%
<i>Tuberculosis only—</i>				
Whole carcasses condemned ...	60	4	—	2
Carcasses of which some part or organ was condemned	373	4	—	54
Percentage of the number inspected affected with Tuberculosis ...	8.75%	0.32%	—	4.83%

OTHER FOODS INSPECTED AND SURRENDERED.

Meat Products	47 lbs.	Flour Products	475 lbs
Various Canned Foods ...	4477 $\frac{3}{4}$ „	Dried Fruit	1345 „
Jam and Syrup	131 „	Fresh Fruit	20 „
Sugar	23 $\frac{1}{2}$ „	Fruit Cake	119 „
Sugar Confectionery ...	14 „	Cabbages	6384 „
Cheese	22 $\frac{1}{2}$ „	Wet Fish	944 $\frac{1}{4}$ „
Butter and Margarine ...	55 „	Cured Fish	1450 $\frac{1}{2}$ „
Bacon and Ham	77 $\frac{1}{4}$ „	Miscellaneous Foodstuffs	145 $\frac{1}{2}$ „
Total	5,731 $\frac{1}{4}$ lbs.		

Where possible all condemned foods are salvaged for re-processing or use as animal feeding stuffs.

RECORD OF INSPECTIONS.

Meat Inspections at Abattoir	572
Inspections of other Food	238
Inspections of Food Preparation Premises, etc., in- cluding Bakehouses	309
Inspections of Dairies and Cowsheds	48

FOOD AND DRUGS ACT, 1938.

SAMPLING OFFICER'S REPORT.

The following table shows the number and nature of the articles submitted to the Public Analyst during the year and the result of the analysis :

<i>Article</i>	<i>No. Submitted</i>		<i>No. Genuine</i>		<i>No. Adulterated</i>	
	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>
Milk	39	—	32	—	7	—
Farm Butter ...	2	—	2	—	—	—
Beef Sausage ...	4	—	3	—	1	—
Chicken Sandwich	1	—	1	—	—	—
Chocolate Sponge Mixture	1	—	1	—	—	—
Scones	1	—	1	—	—	—
Jelly	—	3	—	3	—	—
Gelatine	1	—	1	—	—	—
Fish Paste... ..	—	5	—	5	—	—
Meat Paste	—	2	—	2	—	—
Oranyeast	—	1	—	1	—	—
Salad Cream ...	—	2	—	2	—	—
Coffee	—	3	—	3	—	—
Health Salts ...	2	6	1	4	1	2
Gin	1	—	1	—	—	—
Rum	1	—	1	—	—	—
Whisky	2	—	2	—	—	—
Beer	—	5	—	5	—	—
Indian Brandee ...	1	—	1	—	—	—
Lanolin Ointment	—	1	—	1	—	—
Zinc and Castor Oil Ointment	—	1	—	—	—	1
Tincture of Iodine Iodised Throat Tablets	—	1	—	1	—	—
Macaulays Bron- chial Tablets ...	—	1	—	1	—	—
Black Currant and Glycerine Cough Cure	1	1	—	—	1	1
Compound Balsam Ipecac with Lemon, Honey and Glycerine ...	—	1	—	1	—	—
	57	34	47	30	10	4
Total	91		77		14	

OBSERVATIONS.

FORMAL SAMPLE NO. 19—BLACKCURRANT AND GLYCERINE
COUGH CURE.

A doubtful case of misleading label. The manufacturers pressed to amend label or include Blackcurrant Juice in place of essence present in sample.

INFORMAL SAMPLE NO. 9—ZINC AND CASTOR OIL OINTMENT.

76% excess Zinc Oxide. Old stock sold out. Formal sample not obtained.

INFORMAL SAMPLE NO. 34—REXALL SALTS.

Deficiency of 100% of Sodium Bicarbonate. These particular salts sold only by one retailer. Stock sold out and supplies very limited. Formal sample not obtained.

FORMAL SAMPLE NO. 42—SAL HEPATICA.

Deficiency of 48% Sodium Bicarbonate. Labelling amended by stickers giving correct formula.

FORMAL SAMPLES NOS. 27 AND 29—MILK.

No. 27—Fat deficiency 6%. No. 29—Fat deficiency 26%. Appeal to cow samples taken by County Sampling Officer were deficient in fat showing that the original samples were as given by the cow.

After suggestions and advice to the producers subsequent samples proved genuine.

FORMAL SAMPLE NO. 84—BEEF SAUSAGES.

Meat content deficient of 14.6%. Warning letter sent to vendor.

SECTION F.

**PREVALENCE AND CONTROL OVER INFECTIOUS AND
OTHER DISEASES.**

DIPHTHERIA IMMUNISATION.

During the year 1946, 494 children (254 boys and 240 girls) were completely immunised, and 23 children (9 boys and 14 girls) partly immunised at 48 sessions.

There was 1 case of Diphtheria in immunised children during the year.

PATHOLOGICAL EXAMINATIONS.

	<i>Positive.</i>	<i>Negative.</i>	<i>Total</i>
Nose and throat swabs for Diphtheria			
Bacilli (K.L.B.)	21	303	324
Nose and throat swabs for Haemo- lytic Streptococci	92	87	179
Sputa for Tubercle Bacilli	30	186	216
Swabs for Vincent's Organism	9	153	162
Faeces	—	32	32

DISINFECTION.

The following are particulars of disinfection of rooms and bedding after infectious or other diseases :—

	<i>Room.</i>	<i>Bedding.</i>
Scarlet Fever	51	52
Diphtheria	9	9
Tuberculosis	12	12
	—	—
	72	73
	—	—

Library books have been disinfected and returned for circulation.

Several lots of bedding have been destroyed on requests from the owners. When necessary, disinfectant was supplied to individuals and Elementary Schools.

The following table shows the incidence of infectious disease in the six wards of the City.

	<i>Bartonsham.</i>	<i>Central.</i>	<i>Holmer.</i>	<i>St. Martins.</i>	<i>St. Nicholas.</i>	<i>Tupsley.</i>
Scarlet Fever	3	11	11	14	11	5
Diphtheria	1	1	10	1	2	7
Cerebro Spinal Fever	—	—	—	—	—	2
Pneumonia	5	2	2	3	1	1
Erysipelas	2	—	2	1	—	—
Puerperal Pyrexia	2	—	3	1	1	6
Measles	2	20	11	13	30	4
Whooping Cough	9	3	3	8	9	6
Ophthalmia Neonatorum	1	1	1	—	—	1
Dysentery	—	—	—	1	—	1
Pemphigus Neonatorum	—	—	1	—	—	—
Infective Hepatitis	—	—	—	4	—	—

TUBERCULOSIS.

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

NEW CASES AND MORTALITY DURING 1946.

Age Period	New				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	—	—	—	—	—	—	—	—
1—5 years ...	—	—	—	2	—	—	—	1
5—15 years ...	1	2	1	—	—	—	—	1
15—25 years ...	6	16	2	2	—	2	—	—
25—35 years ...	5	3	—	—	—	2	—	1
35—45 years ...	4	3	2	1	—	3	—	1
45—55 years ...	3	2	—	—	4	1	—	—
55—65 years ...	1	—	—	—	—	—	—	—
65 and upwards ...	—	—	—	1	1	—	—	1
Totals ...	20	26	5	6	5	8	—	5

PREVENTION OF BLINDNESS.

No action has been taken under Section 176 of the Public Health Act, 1936.

OPHTHALMIA NEONATORUM.

Notified	Cases.		Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
	Treated					
	At Home	In Hospital				
4	—	4	4	—	—	—

CITY OF HEREFORD.

DEATHS FROM ALL CAUSES, 1946.

AGES IN YEARS

WARDS

	AGES IN YEARS										TOTALS			Barton-sham.	Centrl.	Holmer.	St. Nicholas	St. Martins.	Tapsley.					
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65							65 to 75	75 to 85	85 and up	M.	F.	T'tl.
1. Typhoid ...																								
2. Cerebro Spinal Fever ...																								
3. Scarlet Fever ...																								
4. Whooping Cough ...	1																							
5. Diphtheria ...																								
6. Tuberculosis (Pulmonary)					1	1																		
7. Other Forms of Tuberculosis		1																						
8. Syphilitic Disease ...																								
9. Influenza ...																								
10. Measles ...																								
11. Acute Poliomyelitis ...																								
12. Encephalitis ...																								
13. Cancer, Uterus, Bucal Cavity and Oesophagus ...																								
14. Cancer of Stomach ...																								
15. Cancer of Breast ...																								
16. Cancer of All Other Sites ...																								
17. Diabetes ...																								
18. Intracranial Vascular Lesions ...																								
19. Heart Disease ...																								
20. Other Diseases of the Circulatory System ...																								
21. Bronchitis ...	1																							
22. Pneumonia ...	4																							
23. Other Respiratory Diseases																								
24. Duodenal Ulcers ...																								
25. Diarrhoea (under 2 years)	1																							
26. Appendicitis ...																								
27. Other Digestive Diseases																								
28. Nephritis ...																								
29. Puerperal Sepsis ...																								
30. Other Maternal Causes																								
31. Premature Birth	5																							
32. Congenital Malformation	9																							
33. Suicide ...																								
34. Road Traffic Accidents ...																								
35. Other Violent Causes ...	1																							
36. All Other Causes...																								
TOTALS ...	22	2	1		1	1	1	6	16	29	35	59	83	73	19	162	186	348	97	35	48	63	78	27

