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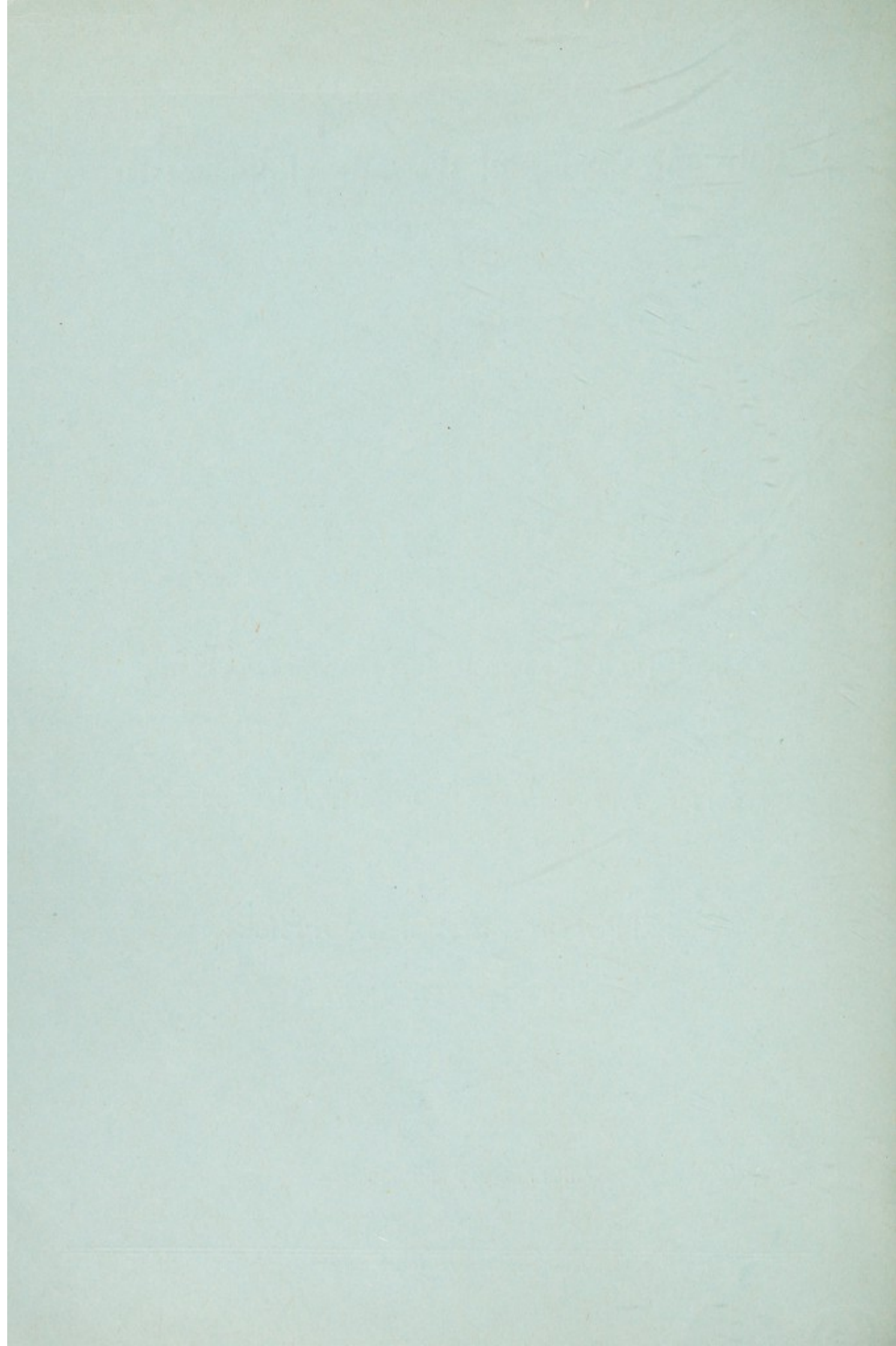
City and County of the City of Gloucester.



ANNUAL REPORT  
OF THE  
MEDICAL OFFICER OF HEALTH  
FOR THE  
CITY AND PORT OF GLOUCESTER  
AND  
SCHOOL MEDICAL OFFICER  
FOR THE YEAR 1947.

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City and County of the City of Gloucester.



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## PUBLIC HEALTH COMMITTEE (1946-47)

### Chairman :

ALDERMAN S. A. STODDART

### Deputy Chairman :

COUNCILLOR N. F. HIBBINS

### Members :

The Mayor, ( <i>ex officio</i> )	Councillor R. E. H. MOULDER
Alderman W. GARRETT	„ A. OAKLEY
(Deputy Mayor)	„ T. THOMAS
„ G. MATTHEWS	„ L. G. TOBIN
Councillor E. H. COLLINS	„ MRS. F. WENTWORTH
„ J. H. EDGE	„ MRS. LANGDON
„ M. G. LEWIS	„ OVERBURY

## MATERNITY AND CHILD WELFARE SUB-COMMITTEE

The whole of the Members of the Health Committee with the addition of the following co-opted members :—

Miss L. A. GAMMIDGE (Resigned July, 1947)	Mrs. F. W. WALSH (Resigned Feb., 1947)
Mrs. H. CAIRNS TERRY, J.P.	Dr. H. CAIRNS TERRY
Mrs. A. WHITE	Mrs. F. E. FITCH (App'd. Feb. 1947)
Mrs. M. M. PALMER	Mrs. T. E. JONES (App'd. July, 1947)
Mrs. E. EGGLETON	

## WAR CHARITIES AND BLIND PERSONS ACTS COMMITTEE

The Mayor (Ald. W. JONES) ( <i>ex officio</i> )	Councillor F. HARRIS
Alderman G. MATTHEWS, J.P. (Chairman)	„ T. JONES
Councillor H. H. MILLER, J.P.	„ MOTT
„ E. H. COLLINS	„ BECKINGHAM
„ R. W. SMITH	„ CONNOR
„ J. WHITEMORE	Miss F. E. SNELSON
„ B. C. MEEHAN	Mr. H. TRIGG
„ A. H. GEORGE	

## MENTAL TREATMENT ACT COMMITTEE

The Mayor	Councillor MRS. LANGDON
(Ald. W. JONES) ( <i>ex officio</i> )	„ L. G. TOBIN
Alderman G. MATTHEWS	„ J. WHITEMORE
„ S. A. STODDART	„ R. W. SMITH
Councillor E. W. FRY	Mrs. K. A. CLIFT
	Mrs. E. EGGLETON

## PUBLIC HEALTH OFFICERS OF THE AUTHORITY

### (a) Medical

#### Whole-time

CHARLES COOKSON, M.D., D.P.H., Medical Officer of Health, City and Port of Gloucester ; School Medical Officer ; Medical Superintendent of the City Isolation, Maternity and the City General Hospitals ; Certifying Officer under the Mental Deficiency and Education Acts.

FLORENCE COLQUHOUN, M.B., D.P.H., Deputy Medical Officer of Health ; Deputy School Medical Officer ; Inspector of Midwives ; Certifying Officer under the Education Act.

#### Part-time

H. CAIRNS TERRY, M.B., Ch.B., Hon. Consultant, City Maternity Hospital, and Medical Officer, Infant Welfare Centre.

J. GREENE, D.S.O., M.C., M.R.C.S., L.R.C.P., Medical Officer, City Maternity Hospital, Infant Welfare Centre and Ante Natal Clinic.

R. L. HAINES, M.R.C.S., L.R.C.P., Medical Officer, City Maternity Hospital and Ante Natal Clinic.

HILDA MAY, M.D., M.R.C.S., L.R.C.P., Medical Officer, City Maternity Hospital and Ante Natal Clinic ; and Medical Officer Birth Control Clinic.

J. H. HORSLEY, M.B., B.S., Medical Officer, City Maternity Hospital, and Ante Natal Clinic.

D. C. REAVELL, M.D., B.S., M.R.C.S., L.R.C.P., Medical Officer, City Maternity Hospital, Infant Welfare Centre and Ante Natal Clinic.

R. B. BARNES, M.B., Ch. B., Medical Officer, City Maternity Hospital, Infant Welfare Centre and Ante Natal Clinic.

J. NEILL, M.B., Ch.B., Anaesthetist, City Maternity Hospital.

F. H. SPRAGUE, M.R.C.S., L.R.C.P., Medical Officer, Infant Welfare Centre.

R. LUCAS, Medical Officer, Infant Welfare Centre.

J. GREENE, JUNR., M.B., Medical Officer, Infant Welfare Centre.

E. J. GAFFNEY, L.D.S., M.R.C.S., L.R.C.P., Public Vaccinator and Temporary Assistant to Medical Officer of Health.

Hon. Medical Staff of Gloucestershire Royal Infirmary are also on staff of City General Hospital.

### (b) Others

LAUNCELOT MACHIN, L.D.S., R.C.S. (Eng.), School Dental Surgeon.

R. G. BOODLE, L.D.S., R.C.S. (Eng.), Assistant School Dental Surgeon (part-time).

ROWLAND H. ELLIS, F.I.C., F.C.S., Public Analyst (part-time).

E. J. H. UPHAM, (a), (c), (e), Senior Sanitary Inspector. (*Retired 28/2/47*).

R. N. HUGHES (b), (c), Senior Sanitary Inspector. (*Commenced 1/2/47*).

E. NEWBOULD, (a), (c), District Sanitary Inspector and Port Health Officer.

D. H. JONES, (b), (c), (i), (j), District Sanitary Inspector. (*Terminated 31/12/47*).

R. I. WILLIAMS, (b), (c), District Sanitary Inspector.

E. BLUNDELL, (b), Assistant Sanitary Inspector.

CAPT. OWEN, Assistant Port Health Officer (part-time). (*Retired 31/12/47*).

CAPT. R. WHITTINGTON, Assistant Port Health Officer (part-time). (*Commenced 1/1/48*).

MISS A. R. TAYLOR, (d), (f), (g), Superintendent of Infant Welfare Centres, Ante Natal Clinic, and "Boarded-out" Officer.

MISS V. M. DOVER, (f), (g), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse.

MISS I. WALLACE, (f), (h), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse.

MISS P. M. VENNEL, (d), (f), (g), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse.

MISS E. S. VIDAL, (d), (f), (g), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse.

MRS. E. BOLAND, (g), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse. (*Terminated 31/12/47*).

MISS D. L. AVERY, (d), (f), (g), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse. (*Terminated 31/7/47*).

MISS J. F. FAWCETT, (d), (f), (g), Health Visitor, Tuberculosis Visitor, Infant Life Protection Visitor, Visitor to "Boarded-Out" children on behalf of the Social Welfare Committee and School Nurse.

MISS D. M. CRIPPS (d), (f), (g). (*Commenced 1/11/47*).

MISS D. M. TEARE, (g), School Nurse.

MISS F. BALDWIN, Matron, City Isolation Hospital.

MISS E. AUSTEN, Matron, City General Hospital.

MISS G. PORTER, Matron, City Maternity Hospital.

MRS. E. C. GILES, Supervisor of Residential and Day Nurseries.

MISS G. GAPPER, Home Teacher for the Blind.

E. T. CHINN, Ambulance Superintendent.

H. J. HARVEY, Chief Clerk and Vaccination Officer.

Four whole-time Clerks, two part-time, one School Medical Services Clerk in conjunction with the Education Committee, one Dental Attendant, one Assistant Dental Attendant, one Disinfecting Officer, and three Rat Operatives.

(a) Cert. Royal Sanitary Institute (Inspector of Nuisances).

(b) " " " " and Sanitary Inspectors' Joint Board.

(c) " " " " (Meat and other Foods).

(d) " " " " (Health Visitors).

(e) " Sanitary Inspectors' Examination Board (London).

(f) State Certified Midwife.

(g) State Registered Nurse.

(h) " " Fever Nurse.

(i) Cert. Royal Sanitary Institute (Sanitary Science as applied to Public Works and Buildings).

(j) Associate Membership of Institution of Sanitary Engineers.

## PUBLIC HEALTH SERVICES

PUBLIC HEALTH DEPARTMENT :  
Priory House, Greyfriars (Tel. 24416-7).

### HOSPITALS

City Isolation Hospital, Over, Glos. (Tel. 22498).  
City General Hospital, Great Western Road (Tel. 25061)  
City Maternity Hospital (Tel 23789).

### CLINICS AND CENTRES

#### Health Centre

Brunswick Road (Tel. 23253)

Ante and Post Natal Clinics ... ..	Nurses' Sessions ...	Mondays and Thursdays (by appointment)
	Doctors' „ ...	Mondays to Fridays (by appointment)
	Bookings ...	Mondays, 9.30 a.m.

#### Infant Welfare Centres :—

Tredworth Community Centre, High Street ... ..	Tuesdays 2 p.m.
Trinity Baptist Church Sunday School, Selwyn Road ...	„ „
Mission Hall, Sherborne Street ... ..	Wednesdays „
Wesley Hall, Seymour Road ... ..	„ „
Coney Hill ... ..	Thursdays „
St. Mary's Hall, St. Mary's Square ... ..	„ „
St. George's Hall, Lower Tuffley ... ..	Thursdays (fortnightly) „
Tyndale School, Stratton Road ... ..	Fridays „

#### General :—

Tuberculosis Dispensary, 11 Barton Street (Tel. 22682) ...	Tuesdays 2 p.m.
Tuberculosis Clinic, City General Hospital ... ..	Mondays 9-30 a.m.
Venereal Diseases Clinic, Glos. Royal Infirmary ... ..	Mondays:—
	Females 11 a.m.
	Males 12 noon.
	Tuesdays & Fridays:—
	Females 5.30 p.m.
	Males 6 p.m.
Birth Control Clinic, Health Centre, Brunswick Road ...	Tuesdays 2.30 p.m. (2nd and 4th in each month) (By appointment)

## SCHOOL MEDICAL SERVICE

## School Minor Ailment Clinics :—

- |                                  |        |   |
|----------------------------------|--------|---|
| 1. Health Centre, Brunswick Road | ... .. | Monday, Tuesday, Thursday<br>and Friday. From 9-10 a.m. |
| 2. Finlay Road School            | ... .. | Monday and Friday.<br>From 9-10 a.m.                    |

School Dental Clinic, Health Centre, Brunswick Road    Monday, Tuesday, Thursday  
and Friday. From 9-10 a.m.

Eye Clinic, Health Centre, Brunswick Road...    Tuesday 2.15 p.m.  
(By appointment only).

Ear, Nose and Throat Clinic, Gloucestershire Royal  
Infirmary    ... .. (By appointment only).

All other specialist work in association with local hospitals.

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NURSERIES

Residential Nursery—Wallsworth Hall (Tel. 71209)

## Day Nurseries :—

- St. Aldate's, Reservoir Road.
- Little Cloister, Miller's Green.
- Bath Place, Stroud Road.
- Coney Hill, Coney Hill Road.

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AMBULANCE SERVICE

Eastern Avenue (Tel. 25055-6).

PUBLIC HEALTH DEPARTMENT,  
PRIORY HOUSE, GREYFRIARS,  
GLOUCESTER.

*To the Mayor, Aldermen and Councillors  
of the City of Gloucester.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present herewith my Annual Report for year 1947. Changes and developments in the work of the Public Health Department continue, but the greatest changes are due to take place next year in connection with the National Health Service Act 1946, and these will be reported on then.

This Report is again divided up into sections, with introductions to each.

Mr. Upham, Senior Sanitary Inspector, retired in February after 34 years service with this Corporation. Mr. Upham was renowned for absolute reliability, fairness and accuracy. There was never any fuss with him, just quiet and efficient work. Whether people with whom he dealt were humble or influential, all were treated alike, courteously but without fear or favour. I feel I have lost a friend as well as a colleague.

The outstanding event of the year was the flooding which occurred generally, but particularly in such places as Gloucester. The following notes are of interest:—

THE FLOOD IN GLOUCESTER

Between the 19th and 24th March of the year 1947 a flood occurred in the City, which was the worst ever recorded. The water at the Gloucester G. & B. Lock lower cill rose to 25 ft. 4 ins., equal to a reduced level of 36.36 O.D. The highest flood previously recorded at the lock rose to 24 ft. 11 ins. on 16th November, 1852, and this old record was exceeded by some 5 inches.

Between 24th January and 14th March at least 5 inches of rain fell in the form of snow on the upper portion of the Severn Catchment Area and between the 15th and 21st March during the period of the thaw a further rainfall averaging approximately 5 ins. was recorded over the same area. There was thus the equivalent of about 10 inches of rainfall to be run off the upper portion of the catchment area and the accumulated rainfall was discharged without hindrance, culminating in the greatest flood known for 177 years.

(It is estimated that the peak discharge at Gloucester must have been in the region of 40,500 cusecs).

The levels of previous Severn floods recorded by marks on the abutment wall at the water gate near the Cathedral at Worcester are as under—

December 1672	...	...	...	...	50.52 O.D.
18 November, 1770	...	...	...	...	51.35 „
16 November, 1852	...	...	...	...	49.52 „
16 May, 1886	...	...	...	...	50.86 „
4 June, 1924	...	...	...	...	49.61 „
10 February, 1940	...	...	...	...	48.61 „
11 February, 1946	...	...	...	...	49.54 „
20 March, 1947	...	...	...	...	51.30 „

The picture of drainage and inconvenience caused in the City is briefly that some 50 acres of built up area were flooded, affecting some 2,200 citizens living in 560 dwellings.

Of the dwellings affected by the flood, eighty-two were local authority houses built in the Kingsholm area within the last twenty years.

As regards relief measures, a Flood Relief Committee, under the Chairmanship of the Mayor, with the deputy Town Clerk as its executive officer, was set up promptly. Not only has a public statement by the Mayor been made and the work of the Committee explained, but the deputy Town Clerk has compiled a "shadow scheme" to cope with future floods, based on the experiences of this year.

In the appropriate sections I include reports to me from the Senior Dental Surgeon, Senior Sanitary Inspector and the Superintendent of the Residential and Day Nurseries.

I wish to thank the Chairman and members of the Public Health Committee for their consideration and continual support, and Dr. Colquhoun and all other members of my staff for their willing co-operation throughout the year.

I beg to remain,

Your obedient Servant,

CHARLES COOKSON,

*Medical Officer of Health.*

*School Medical Officer and Port Medical Officer.*



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## Section I.

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### Statistical Conditions of the Area, and General Provision of Health Services in the Area

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## GENERAL STATISTICS—1947

Area (in acres)	...	...	...	...	...	...	...	...	4,621 acres
Estimated Population	...	...	...	...	...	...	...	...	63,740
Number of inhabited houses at end of year according to Rate Books	...	...	...	...	...	...	...	...	15,141
Rateable Value	...	...	...	...	...	...	...	...	£494,325
Sum represented by a Penny Rate (estimated)	...	...	...	...	...	...	...	...	£1,950

## VITAL STATISTICS—1947

			Males	Females	Total				
LIVE BIRTHS	(Legitimate	...	704	647	1351				
	(Illegitimate	...	53	42	95				
	TOTALS	...	757	689	1446				
						<i>Rate per 1000 of the estimated resident population ...</i>			
									22·7

			Males	Females	Total				
STILLBIRTHS	...	...	22	9	31	<i>Rate per 1000 total (live and stillbirths) births</i>			
									20·9
DEATHS	...	...	400	349	749	<i>Death rate per 1000 of the estimated resident population ...</i>			
									11·8

### DEATHS FROM DISEASES AND ACCIDENTS OF PREGNANCY AND CHILDBIRTH :—

	Deaths	Rate per 1,000 total (live and still) births
Puerperal and post-abort. sepsis	...	Nil
Other maternal causes	...	2.04

### Death rate of infants under one year of age :—

All infants per 1000 live births (Total=57)	...	...	...	...	39·6
Legitimate infants per 1000 legitimate live births (Total=33)	...	...	...	...	24·4
Illegitimate infants per 1000 illegitimate live births (Total=24)	...	...	...	...	252·6

Deaths from Measles (all ages)	...	...	...	...	...	2
„ „ Whooping Cough (all ages)	...	...	...	...	...	3
„ „ Diarrhoea (under 2 years of age)	...	...	...	...	...	2

# VITAL STATISTICS—1938-1947

## Live Births

YEAR	LEGITIMATE		ILLEGITIMATE		TOTAL	Rate per 1,000 of the estimated Resident Population
	MALE	FEMALE	MALE	FEMALE		
1938	426	416	19	15	876	15.5
1939	466	458	20	18	962	16.9
1940	480	439	22	17	958	15.8
1941	512	495	41	22	1070	16.5
1942	551	601	31	33	1216	18.8
1943	594	543	59	54	1250	19.6
1944	614	552	50	62	1278	20.4
1945	543	533	76	73	1225	19.9
1946	595	640	63	70	1368	21.4
1947	704	647	53	42	1446	22.7

## Stillbirths

YEAR	MALE	FEMALE	TOTAL	Rate per 1,000 Total (Live and Stillbirths)
1938	21	20	41	44.7
1939	18	12	30	30.2
1940	20	17	37	37.2
1941	20	15	35	31.7
1942	18	16	34	27.2
1943	14	14	28	21.9
1944	28	12	40	30.3
1945	18	14	32	25.4
1946	29	15	44	31.2
1947	22	9	31	20.9

## Deaths

YEAR	MALE	FEMALE	TOTAL	Death-Rate per 1,000 of the estimated Resident Population
1938	374	355	729	12.9
1939	370	377	747	13.1
1940	466	443	909	15.0
1941	420	390	810	12.5
1942	399	372	771	11.9
1943	422	423	845	13.2
1944	374	340	714	11.4
1945	371	415	786	12.7
1946	408	358	766	12.1
1947	400	349	749	11.8

CAUSES OF DEATH	Sex	1940	1941	1942	1943	1944	1945	1946	1947						
		All Ages	All Ages	All Ages	All Ages	All Ages	All Ages	All Ages	0-	1-	5-	15-	45-	65-	
ALL CAUSES	M	466	420	399	422	374	371	408	400	33	3	3	37	111	213
	F	443	390	372	423	340	415	358	340	24	5	5	40	82	193
Typhoid and paratyphoid fevers	M	1	—	—	—	—	—	—	—	—	—	—	—	—	—
	F	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Measles	M	1	1	—	4	—	1	—	1	—	1	—	—	—	—
	F	5	—	—	3	1	1	—	1	—	1	—	—	—	—
Scarlet Fever	M	2	—	—	1	1	1	—	—	—	—	—	—	—	—
	F	1	—	1	2	—	1	—	—	—	—	—	—	—	—
Whooping Cough	M	—	3	1	2	1	2	1	2	2	—	—	—	—	—
	F	—	—	—	4	—	—	2	1	1	—	—	—	—	—
Diphtheria	M	9	13	6	5	6	2	1	2	—	—	—	—	—	—
	F	6	8	3	4	—	2	2	2	—	1	1	—	—	2
Influenza	M	11	2	1	5	3	1	—	2	—	—	—	—	—	—
	F	19	8	—	6	2	1	6	2	—	—	—	—	—	—
Cerebro-spinal fever	M	1	1	—	1	1	—	—	1	1	—	—	—	—	—
	F	—	3	—	—	—	—	1	—	—	—	—	—	—	—
Tuberculosis of Respiratory System	M	23	23	19	37	35	26	33	25	—	—	—	12	12	1
	F	23	26	23	24	19	33	17	26	—	—	—	19	7	—
Other Tuberculous Diseases	M	4	5	5	14	5	3	5	2	1	1	—	—	—	—
	F	3	3	3	9	2	5	6	2	1	—	—	1	—	2
Syphilis	M	3	3	10	1	2	5	2	3	—	—	—	—	—	—
	F	—	—	—	2	—	1	1	—	—	—	—	—	—	—
Diabetes	M	2	3	3	4	1	1	2	2	—	—	—	—	1	1
	F	3	1	5	3	2	4	1	—	—	—	—	—	—	—
Heart Disease	M	127	92	99	103	98	101	106	95	—	—	1	3	22	69
	F	112	100	92	111	103	120	102	85	—	—	—	2	14	69
Other Circulatory Diseases	M	4	8	4	8	7	11	9	9	—	—	—	—	2	7
	F	4	8	8	3	4	10	6	14	—	—	—	1	1	12
Bronchitis	M	38	27	24	24	13	11	10	37	—	—	—	—	11	24
	F	42	30	13	29	10	10	17	16	2	—	—	2	2	12
Pneumonia (All Forms)	M	30	37	23	22	13	18	17	24	—	—	—	—	4	14
	F	18	26	18	24	10	14	17	15	6	—	—	1	3	9
Other Respiratory Diseases	M	11	7	6	9	6	9	12	7	—	—	—	—	5	2
	F	6	3	1	2	6	7	4	6	—	—	—	1	3	2



## Birth-rate, Death-rate and Analysis of Mortality during the years 1939-47

	RATE PER 1,000 POPULATION		ANNUAL DEATH-RATE PER 1,000 POPULATION								RATE PER 1,000 LIVE BIRTHS	
	Live Births	Still Births	All Causes	Typhoid and Para Typhoid	Smallpox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Diarrhoea & Enteritis under 2 years	Total Deaths under 1 year.
<b>ENGLAND AND WALES</b>												
1939	15.0	0.59	12.1	0.00	—	0.01	0.01	0.03	0.05	0.21	4.6	50
1940	14.6	0.55	14.3	0.00	—	0.02	0.00	0.02	0.07	0.32	4.6	55
1941	14.2	0.51	12.9	0.00	—	0.03	0.00	0.06	0.07	0.19	5.1	59
1942	15.8	0.54	11.6	0.00	—	0.01	0.00	0.02	0.05	0.09	5.2	49
1943	16.5	0.51	12.1	0.00	—	0.02	0.00	0.03	0.03	0.37	5.3	49
1944	17.6	0.50	11.6	0.00	—	0.01	0.00	0.03	0.02	0.12	4.8	46
1945	16.1	0.46	11.4	0.00	—	0.02	0.00	0.02	0.02	0.08	5.6	46
1946	19.1	0.53	11.5	0.00	0.00	0.00	0.00	0.02	0.01	0.15	4.4	43
1947	20.5	0.50	12.0	0.00	0.00	0.01	0.00	0.02	0.01	0.09	5.8	41
<b>126 COUNTY BOROUGHES AND GREAT TOWNS, including LONDON</b>												
1939	14.8	0.59	12.0	0.00	—	0.01	0.00	0.03	0.05	0.19	6.3	53
1940	16.0	0.64	15.8	0.00	—	0.02	0.00	0.02	0.07	0.29	5.9	61
1941	14.7	0.58	14.9	0.00	—	0.03	0.00	0.07	0.08	0.17	7.5	71
1942	17.3	0.65	13.3	0.00	—	0.02	0.00	0.03	0.06	0.09	7.5	59
1943	18.6	0.63	14.2	0.00	—	0.02	0.00	0.03	0.04	0.36	7.9	58
1944	20.3	0.64	13.7	0.00	—	0.01	0.00	0.03	0.03	0.10	7.3	52
1945	19.1	0.58	13.5	0.00	—	0.02	0.00	0.02	0.02	0.07	7.8	54
1946	22.2	0.67	12.7	0.00	0.00	0.01	0.00	0.02	0.01	0.13	6.1	46
1947	23.3	0.62	13.0	0.00	0.00	0.02	0.00	0.03	0.01	0.09	8.0	47
<b>148 SMALLER TOWNS (1931 Census Populations 25,000—50,000)</b>												
1939	15.6	0.57	11.2	0.00	—	0.01	0.00	0.02	0.04	0.20	3.0	40
1940	15.7	0.55	12.8	0.00	—	0.02	0.00	0.02	0.05	0.30	4.4	54
1941	16.4	0.60	13.0	0.00	—	0.03	0.01	0.06	0.06	0.20	4.6	56
1942	18.4	0.62	12.1	0.00	—	0.01	0.00	0.02	0.04	0.10	4.8	46
1943	19.4	0.61	12.7	0.00	—	0.02	0.00	0.03	0.04	0.37	4.4	46
1944	20.9	0.61	12.4	0.00	—	0.01	0.00	0.02	0.03	0.11	4.4	44
1945	19.2	0.53	12.3	0.00	—	0.02	0.00	0.01	0.02	0.07	4.5	43
1946	21.3	0.59	11.7	0.00	0.00	0.00	0.00	0.02	0.01	0.14	2.8	37
1947	22.2	0.54	11.9	0.00	0.00	0.02	0.00	0.02	0.01	0.08	3.7	36
<b>LONDON</b>												
1939	12.3	0.44	11.9	0.00	—	0.00	0.00	0.03	0.02	0.18	8.2	48
1940	13.7	0.44	17.8	0.00	—	0.01	0.00	0.00	0.01	0.18	5.6	50
1941	8.9	0.33	16.3	0.01	—	0.02	0.00	0.04	0.03	0.15	6.8	68
1942	14.0	0.48	13.9	0.00	—	0.01	0.00	0.04	0.02	0.07	8.6	60
1943	15.8	0.45	15.0	0.00	—	0.02	0.00	0.03	0.02	0.27	10.4	58
1944	15.0	0.42	15.7	0.00	—	0.00	0.00	0.04	0.01	0.08	10.1	61
1945	15.7	0.40	13.6	0.00	—	0.01	0.00	0.02	0.01	0.07	7.6	53
1946	21.5	0.54	12.7	0.00	—	0.01	0.00	0.02	0.01	0.12	4.2	41
1947	22.7	0.49	12.8	0.00	—	0.01	0.00	0.02	0.01	0.08	4.6	37
<b>GLOUCESTER</b>												
1939	16.9	0.53	13.1	—	—	0.03	0.00	0.07	0.02	0.21	6.2	48
1940	15.8	0.64	15.0	0.02	—	0.10	0.05	0.00	0.25	0.50	4.2	65
1941	16.5	0.58	12.5	—	—	0.02	0.00	0.05	0.32	0.15	2.6	51
1942	18.8	0.59	11.9	—	—	0.00	0.02	0.02	0.14	0.02	5.8	46
1943	19.6	0.44	13.2	0.02	—	0.11	0.05	0.09	0.14	0.17	2.4	53
1944	20.4	0.64	11.4	0.02	—	0.02	0.02	0.02	0.10	0.08	3.1	32
1945	19.9	0.52	12.7	—	—	0.03	0.03	0.04	0.06	0.03	4.9	35
1946	21.4	0.69	12.1	—	—	—	—	0.04	0.04	0.09	5.8	41
1947	22.7	0.49	11.8	—	—	0.03	—	0.05	0.03	0.03	1.4	39

— Signifies no deaths.

TABLE SHOWING INCIDENCE OF CANCER, 1922-1947

Year	Deaths from Cancer	Percentage of total Deaths registered	Death-Rate per 1,000 Population	Sex	AT AGES—YEARS			
					Under 25	25—45	45—65	65—Up
1922	67	9·8	1·28	M	—	3	11	19
				F	—	6	13	15
1923	81	12·5	1·53	M	—	2	17	17
				F	—	4	14	27
1924	67	9·9	1·26	M	—	—	11	13
				F	—	4	16	23
1925	74	10·0	1·40	M	—	—	10	16
				F	—	14	18	15
1926	88	13·9	1·66	M	—	1	18	19
				F	—	2	27	21
1927	77	11·1	1·44	M	—	2	16	20
				F	—	2	13	24
1928	73	11·1	1·40	M	—	3	11	16
				F	—	3	17	23
1929	77	10·0	1·48	M	1	3	16	19
				F	—	3	14	21
1930	81	12·8	1·56	M	2	2	5	20
				F	—	3	19	30
1931	86	11·9	1·62	M	—	6	21	6
				F	—	6	27	20
1932	83	11·7	1·56	M	—	1	18	15
				F	—	4	18	27
1933	70	10·5	1·31	M	—	3	31	6
				F	—	2	20	8
1934	95	12·8	1·61	M	—	10	28	7
				F	—	7	23	10
1935	95	13·5	1·67	M	—	2	12	25
				F	—	1	19	36
1936	101	13·9	1·78	M	—	2	24	31
				F	—	5	18	21
1937	84	11·1	1·17	M	—	1	14	19
				F	—	3	20	27
1938	85	11·7	1·53	M	—	—	14	23
				F	—	3	16	29
1939	97	12·9	1·67	M	—	4	14	23
				F	—	4	24	28
1940	91	10·0	1·50	M		7	14	22
				F		4	16	28
1941	97	12·0	1·49	M		4	13	31
				F		6	22	21
1942	114	14·8	1·76	M		4	17	27
				F		5	25	36
1943	111	13·0	1·90	M		2	16	29
				F		6	30	28
1944	110	15·4	1·76	M		4	18	27
				F		2	27	32
1945	102	12·9	1·63	M		7	19	28
				F		11	11	26
1946	118	15·4	1·86	M		1	23	33
				F		6	22	33
1947	108	14·4	1·69	M		4	17	29
				F		9	23	26

# INFANT MORTALITY

Deaths from stated causes under 1 year.

	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Congenital debility, Premature birth etc. ... ..	30	31		SEE DIFFERENT CLASSIFICATION						
Violence ... ..	1	—	—	1	1	—	1	—	—	2
Other defined diseases ... ..	1	3	—	SEE DIFFERENT CLASSIFICATION						
Circulatory diseases ... ..	1	—	—	SEE DIFFERENT CLASSIFICATION						
Bronchitis ... ..	1	2	3	1	3	4	—	2	1	2
Pneumonia ... ..	3	4	11	13	13	11	8	4	9	8
Other respiratory diseases ... ..	1	—	1	—	—	1	—	—	—	—
Diarrhoea ... ..	3	1	4	2	6	3	4	5	8	2
Whooping Cough ... ..	1	2	—	3	1	3	—	2	2	3
Non-Pulmonary Tuberculosis	1	—	1	1	—	3	—	2	—	2
Syphilis ... ..	1	1	—	—	—	1	—	—	—	—
Measles ... ..	—	2	1	—	—	2	—	1	—	—
Influenza ... ..	—	—	3	1	—	—	—	—	1	—
Other Digestive Diseases ... ..	—	—	5	—	—	—	—	1	—	2
Premature Birth ... ..	See different classification		18	17	14	12	13	8	13	9
Diphtheria ... ..	—	—	—	1	—	—	—	—	—	—
Con. Malformation; Birth Injury; Infant diseases ... ..	See different classification		13	14	14	20	10	14	16	20
Cerebro—Spinal Fever ... ..	—	—	—	—	—	—	—	—	—	1
All other causes ... ..	—	—	2	—	4	6	5	2	6	6

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## Section II.

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### Infectious Diseases

Prevalence of, and control over, Infectious Diseases

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## INTRODUCTION

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Again, in 1947, the amount of infectious disease was generally less, except for tuberculosis and venereal diseases. There were more cases of measles and whooping cough than of late years, but as the notification rates for both these diseases swing violently their fluctuations are not so significant. In the absence of any effective preventative measures against measles, attention can only be given to home care and nursing and the admission to hospital of complicated cases. Similarly for whooping cough, though immunisation against it is practised by many doctors, often combined with diphtheria. Unfortunately, the results are uncertain and the immunity is short-lived. Nevertheless, as these two diseases are now the most serious threat to the health and even lives of young children every possible nursing care should be given.

1947 was remarkable for a nation wide epidemic of Poliomyelitis. Locally, cases were admitted to Over Hospital from the City and all the areas with whom agreements exist; in addition cases were admitted from Cirencester Urban and Rural areas. As in all epidemics, a number of cases resembling the disease were also admitted for observation; this is particularly noticeable in diseases like Poliomyelitis where the onset is so insidious. Most of the cases returned to their homes direct, but where prolonged treatment was required and nursing was impossible in their homes, cases were transferred to the City General Hospital once the fever and presumably infectious stage was over. The ready willingness of Dr. Humphreys and his staff at the City General Hospital to admit and treat these difficult and long-stay cases was greatly appreciated.

### VENEREAL DISEASES.

Table A is inserted to emphasise the amount of disease in the community, as judged by the special clinics. It is likely that patients are more willing to attend for treatment of recent years because of the publicity given to the dangers of neglect. They are also encouraged by learning the shortness of the treatment since the introduction of the sulphonamide drugs and penicillin. (In passing, it should not be thought that these drugs dispense with the need for the older drugs entirely). Even so, the rise in attendances at the clinics since the beginning of the war has been steady, and there was an extra increase in 1946. This latter is probably only apparent, and is explained by the number of Service cases who were being treated in Service hospitals before their release, and who transferred to civilian clinics for the completion of their treatment. The figures for 1947 revert to the previous order, but are still above those for 1945. The figures for 1946 and 1947 show a particularly great increase in syphilis.

The table shows the great increase since 1943 in the number of patients who attend for examination but who are found to be free of venereal infection. In that year was given the first straight talk on Venereal Diseases over the Wireless; the talk was given by the Chief Medical Officer to the Ministry of Health and it marked a turning point in the public attitude to this problem.

### TUBERCULOSIS

No improvement can yet be reported in tuberculosis of the lungs. Though, in fact, a few more cases were notified than in 1946, yet the numbers of the last seven years are approximately level.

Number of Notifications of Infectious Diseases from 1934 to 1947

DISEASE	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Smallpox ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever ... ..	91	63	106	61	43	61	132	93	367	188	280	171	75	60
Diphtheria ... ..	23	34	25	20	38	36	419	438	320	309	162	128	99	34
Pneumonia ... ..	95	50	70	94	99	135	124	94	90	100	71	72	82	84
Cerebro-Spinal Fever ... ..	2	1	—	—	1	—	7	30	10	3	—	—	2	6
Polio-myelitis or Polio. Enceph. ... ..	—	—	3	—	—	—	2	—	—	—	—	—	—	14
Dysentery ... ..	—	1	—	—	—	—	—	—	—	—	7	9	2	2
Ophthalmia Neo. ... ..	5	6	3	8	7	9	12	16	14	11	7	12	5	6
Puerperal Pyrexia and Puerperal Fever ... ..	15	20	18	25	29	22	13	11	21	27	21	9	15	8
Erysipelas ... ..	16	10	17	17	17	8	14	15	15	19	21	27	14	21
Chickenpox ... ..	443	326	124	374	288	282	142	374	588	250	337	193	211	137
Enteric Fever (including Paratyphoid Fever) ... ..	6	—	2	3	—	1	1	1	6	—	3	1	5	—
Tuberculosis (New cases)—Pulmonary ... ..	57	65	65	41	72	64	105	111	94	119	113	121	110	124
Non-Pulmonary ... ..	18	17	20	24	19	18	22	29	21	36	13	20	20	12
Measles ... ..	NOT NOTIFIABLE	NOT NOTIFIABLE	NOT NOTIFIABLE	NOT NOTIFIABLE	NOT NOTIFIABLE	396	996	625	172	1170	133	640	22	863
Whooping Cough ... ..	NOT NOTIFIABLE	NOT NOTIFIABLE	NOT NOTIFIABLE	NOT NOTIFIABLE	NOT NOTIFIABLE	26	326	326	104	183	52	123	164	162
Encephalitis Lethargica ... ..	—	1	—	—	—	—	—	—	—	2	—	1	—	—
Benign-Tertian Malaria ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—	1

# CLASSIFICATION OF CASES (other than Tuberculosis) ADMITTED TO CITY ISOLATION HOSPITAL DURING 1947

DISEASE	REMAINING IN HOSPITAL 31. 12. 46.	ADMITTED IN 1947						DISCHARGED DURING 1947	REMAINING IN HOSPITAL, 31. 12. 47.	
		CITY	GLoucester R.D.	NEWENT R.D.	DURSLEY R.D.	TEWKESBURY	OTHERS			TOTAL
Diphtheria ...	8	31	4	10	1	—	3	49	55	1
Scarlet Fever...	6	38	12	9	—	10	3	72	69	9
Dysentery, etc.	1	3	—	1	—	—	—	4	5	—
Whooping Cough and Complications	4	30	1	—	—	3	2	36	40	—
Mumps ...	1	—	—	—	—	—	1	1	1	1
Impetigo ...	1	4	—	—	—	—	—	4	5	—
German Measles ...	1	22	—	—	—	—	—	22	23	—
Measles and Complications	—	29	2	1	5	—	8	45	44	—
Pneumonia ...	—	2	—	—	—	—	—	2	2	—
Chickenpox ...	—	—	—	—	—	—	4	4	3	1
Tonsillitis ...	—	5	—	1	1	—	1	8	8	—
Poliomyelitis ...	—	3	8	3	—	—	11	25	25	—
Meningitis ...	—	1	—	—	—	—	1	2	2	—
Erysipelas ...	—	2	—	—	—	—	—	2	1	1
For observation ...	—	1	1	1	—	—	2	5	5	—
Malaria ...	—	—	—	—	—	—	1	1	1	—
Jaundice ...	—	1	—	—	—	—	—	1	1	—
Paralyphoid ...	1	—	—	—	1	—	2	2	2	—
Other Diseases	—	11	1	—	—	—	5	18	19	—
	23	183	29	26	8	13	44	303	311	13
<b>DEATHS :—</b>										
Diphtheria ...	—	1	—	—	—	—	—	—	—	—
Measles ...	—	1	—	—	—	—	—	—	—	—
	—	2	—	—	—	—	—	—	—	—

## CITY ISOLATION HOSPITAL (continued).

A. Total Number of cases admitted to Over Hospital from January 1st to October 11th, 1947, with a provisional diagnosis of

A. Poliomyelitis ...	...	...	...	...	24
B. Polioencephalitis ...	...	...	...	...	7

	0—	1—	5—	15—	25—	35—	45+	Totals
B. TYPE								
1. Paralytic								
(a) Limbs and/or Trunk								
(i) Slight ...	—	1	—	—	1	—	—	2
(ii) Moderate...	1	1	2	2	1	—	—	7
(iii) Severe ...	—	—	1	—	—	1	—	2
(b) Other								
(i) Slight ...	—	—	—	—	—	—	—	—
(ii) Moderate ...	—	—	—	—	—	—	—	—
(iii) Severe ...	—	—	—	—	—	—	—	—
2. Non-Paralytic								
(a) With changes in C.S.F. ...	—	—	—	1	—	—	—	1
(b) With clinical signs only ...	—	1	2	—	—	—	—	3
3. Presumptive ...	—	—	3	3	—	—	—	6
4. Not Poliomyelitis or Polioencephalitis ...	—	2	4	—	2	2	—	10
TOTALS ...	1	5	12	6	4	3	—	31
C. Fatal cases of Poliomyelitis ...								
1. Paralytic								
(a) Limbs and/or Trunk ...	—	—	—	—	—	—	—	—
(b) Other ...	—	—	—	—	—	—	—	—
2. Non-paralytic ...	—	—	—	—	—	—	—	—
TOTALS ...	—	—	—	—	—	—	—	—
D. Treated in Respirator								
1. Temporarily ...	—	—	—	—	—	—	—	—
2. Permanently ...	—	—	—	—	—	—	—	—
TOTALS ...	—	—	—	—	—	—	—	—
E. Cases complicated by pregnancy								
Number ...	—	—	—	—	—	—	—	—

# TUBERCULOSIS

## TABLE A

Summary of Tuberculosis Notifications 1st January to 31st December, 1947

				FORMAL AND SUPPLEMENTARY NOTIFICATIONS											Total
				PRIMARY AND SUPPLEMENTARY NOTIFICATIONS											
				0—	1—	5—	10—	15—	20—	25—	35—	45—	55—	65—	
Pulmonary Males	...	...	...	—	—	1	1	4	8	16	12	11	5	5	63
Pulmonary Females	...	...	...	1	—	1	1	13	17	15	8	1	4	—	61
Non-Pulmonary Males...	...	...	...	1	1	1	—	—	1	4	1	1	—	—	10
Non-Pulmonary Females	...	...	...	—	1	—	—	—	—	1	—	—	—	—	2

## TABLE B

Number of Cases of Tuberculosis remaining on the Register of Notifications on 31st December, 1947

PULMONARY			NON-PULMONARY			TOTAL CASES
Males	Females	Total	Males	Females	Total	
262	225	487	58	60	118	605

## NOTIFICATIONS, DEATHS AND VISITS MADE

	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
New Cases ... ..	91	82	127	140	115	155	126	141	130	136
Deaths ... ..	50	32	53	57	50	84	61	67	61	55
Visits made by Health Visitors	786	548	668	618	581	634	723	890	1004	1111

The following work at the Tuberculosis Dispensaries during the year 1947 relates to cases resident in both the City and County of Gloucester together:—

TABLE C

DIAGNOSIS	PULMONARY				NON-PULMONARY				TOTAL				GRAND TOTAL
	Adults		Children		Adults		Children		Adults		Children		
	M	F	M	F	M	F	M	F	M	F	M	F	
A.													
(1) Number of definite cases of Tuberculosis on the Dispensary Register at the beginning of the year ...	1358	862	114	107	177	138	366	271	1535	1000	480	378	3393
(2) Transfers from other Authorities during the year ...	18	24	—	—	2	5	2	2	20	29	2	2	53
(3) Lost sight of cases returned during the year ...	—	—	—	—	—	—	—	—	—	—	—	—	—
B.													
Number of new cases diagnosed as tuberculosis during the year	152	108	18	13	—	—	—	—	152	108	18	13	291
(1) Class T.B. minus	75	47	—	—	—	—	—	—	75	47	—	—	122
(2) Class T.B. plus ...	—	—	—	—	7	9	10	9	7	12	10	9	38
(3) Non-pulmonary ...	—	—	—	—	—	—	—	—	—	—	—	—	—
C.													
Number of cases included in A. and B. written off the Dispensary Register during the year as :—													
(1) Recovered ...	17	14	9	4	11	5	22	9	28	19	31	13	91
(2) Dead (all Causes)	77	59	—	2	2	3	—	—	79	62	—	2	143
(3) Removed to other Areas ...	31	39	—	1	1	1	3	1	32	40	3	2	77
(4) For other reasons	12	6	1	2	6	2	1	—	18	8	2	2	30
D.													
Number of definite cases of Tuberculosis on the Dispensary Register at the end of the year ...	1466	923	122	111	166	144	352	272	1632	1067	474	383	3556
Number of :—													
(a) Specimens of Sputum etc., examined ...													1250
(b) X-ray examinations													6951

### Number of Beds available for Patients under the Gloucestershire Joint Tuberculosis Scheme at 31-12-47.

OVER HOSPITAL—15 male, 18 female.

CASHES GREEN HOSPITAL—12 female.

CITY GENERAL HOSPITAL—Beds when available for adults and children.

CHELTENHAM GENERAL HOSPITAL—6 beds for surgical cases.

GLOUCESTERSHIRE ROYAL INFIRMARY—4 beds for surgical cases.

STANDISH HOUSE—Pulmonary—80 male, 40 female, 62 children.

Surgical—10 male, 8 female, 17 children.

EDGEWORTH MANOR CONVALESCENT HOME—10 male beds for ex-Service, sputum negative, cases.

# VENEREAL

## RETURN relating to all persons who were treated at the Treatment Centre at

	Syphilis		Soft Chancre		Gonorrhœa		Non-venereal or undiagnosed conditions		TOTALS		
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals
1. Number of cases on 1st January under treatment or observation ...	40	28	—	—	37	14	22	10	99	52	151
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection ...	2	—	—	—	3	—	—	—	5	—	5
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—											
Syphilis, primary ...	20	7	—	—	—	—	—	—	20	7	27
" secondary ...	4	7	—	—	—	—	—	—	4	7	11
" latent in 1st year of infection ...	3	2	—	—	—	—	—	—	3	2	5
" all later stages ...	—	—	—	—	—	—	—	—	—	—	—
" congenital ...	4	—	—	—	—	—	—	—	4	—	4
Soft Chancre ...	—	—	—	—	—	—	—	—	—	—	—
Gonorrhœa, 1st year of infection ...	—	—	—	—	72	22	—	—	72	22	94
" later ...	—	—	—	—	5	4	—	—	5	4	9
Non-venereal conditions ...	—	—	—	—	—	—	72	30	72	30	102
Conditions remaining undiagnosed at 31st December ...	—	—	—	—	—	—	6	4	6	4	10
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres, or Service Hospitals or by General Practitioners approved under Ministry of Health Circ. 2226	10	4	—	—	13	2	—	—	23	6	29
TOTALS OF ITEMS 1, 2, 3 AND 4	83	48	—	—	130	42	100	44	313	134	447
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal ...	16	10	—	—	74	20	93	40	183	70	253
6 (a). Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from :—											
Syphilis, primary ...	4	2	—	—	—	—	—	—	4	2	6
" secondary ...	—	—	—	—	—	—	—	—	—	—	—
" latent in 1st year of infection ...	—	—	—	—	—	—	—	—	—	—	—
" all later stages ...	—	—	—	—	—	—	—	—	—	—	—
" congenital ...	—	—	—	—	—	—	—	—	—	—	—
Soft Chancre ...	—	—	—	—	—	—	—	—	—	—	—
Gonorrhœa, 1st year of infection ...	—	—	—	—	17	8	—	—	17	8	25
" later ...	—	—	—	—	—	—	—	—	—	—	—
6 (b). Number of cases under treatment or observation which died :—											
From the disease ...	—	—	—	—	—	—	—	—	—	—	—
From treatment ...	—	—	—	—	—	—	—	—	—	—	—
From other causes ...	—	—	—	—	—	—	—	—	—	—	—
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure ...	7	2	—	—	10	4	—	—	17	6	23
8. Number of cases transferred to other Centres, or to institutions, or to care of private practitioners ...	14	6	—	—	9	2	—	—	23	8	31
9. Number of cases remaining under treatment or observation on 31st December ...	42	28	—	—	20	8	7	4	69	40	109
TOTALS OF ITEMS 5, 6, 7, 8 AND 9 ... (These totals should agree with those of Items 1, 2, 3, and 4.)	83	48	—	—	130	42	100	44	313	134	447

## DISEASE

Gloucestershire Royal Infirmary during the year ended 31st December, 1947.

			Syphilis		Soft Chancre		Gonorrhœa		Non-venereal or undiagnosed conditions		TOTALS		
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	Totals
10. Number of cases in the following stages of syphilis INCLUDED IN ITEM 6 which failed to complete one course of treatment of either penicillin or of arsenic and bismuth :—													
Syphilis, primary ... ..			—	—	—	—	—	—	—	—	—	—	—
" secondary ... ..			—	—	—	—	—	—	—	—	—	—	—
" latent in 1st year of infection ... ..			—	—	—	—	—	—	—	—	—	—	—
" all later stages ... ..			—	—	—	—	—	—	—	—	—	—	—
" congenital ... ..			—	—	—	—	—	—	—	—	—	—	—
11. Number of attendances :—													
(a) for individual attention of the medical officer(s) ... ..			711	590	—	—	360	192	132	55	1203	837	2040
(b) for intermediate treatment, e.g. irrigation, dressing ... ..			—	—	—	—	—	—	—	—	—	—	—
TOTAL ATTENDANCES ... ..			711	590	—	—	360	192	132	55	1203	837	2040
12. In-patients :—													
(a) Total number of persons admitted for treatment during the year ... ..			12	15	—	—	4	6	—	—	16	21	37
(b) Aggregate number of "in-patient days" of treatment given ... ..			142	153	—	—	15	20	—	—	157	173	330
									Other Diseases				
									M.	F.			
13. Number of cases treated with penicillin			34	29	—	—	72	30	—	—	106	59	165
			Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		TOTALS		
			M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
14. Number of cases of congenital syphilis in Item 3 above classified according to age periods ... ..			2	—	—	—	—	—	2	—	4	—	—
			Microscopical		Cultural for Gonorrhœa	Serum		Cerebro-spinal fluid	Others for diagnosis of Venereal Disease				
			for Syphilis	for Gonorrhœa		for Syphilis	for Gonorrhœa						
15. PATHOLOGICAL WORK :—													
(a) Number of SPECIMENS examined at, and by the medical officer of, the Treatment Centre ... ..			—	—	—	—	—	—	—	—	—	—	—
(b) Number of SPECIMENS from patients attending at the Treatment Centre for examination to an APPROVED laboratory ... ..			6	348	—	—	1055	276	—	—	—	—	—

# VENEREAL DISEASES

TABLE A.

	SYPHILIS	GONORRHOEA	NON-V.D.	TOTAL
1938	24	58	15	97
1939	18	74	14	106
1940	23	57	6	86
1941	28	95	26	149
1942	28	97	43	168
1943	34	108	124	266
1944	25	118	129	272
1945	18	111	148	277
1946	74	146	163	383
1947	63	121	112	296

N.B.—1942—Regulation 33B (Defence (General) Regulations) passed.

1943—First Broadcast talk on Venereal Diseases (by Chief Medical Officer to Ministry of Health).

## LABORATORY WORK

### CITY MATERNITY HOSPITAL

Blood examinations ...	46
„ Transfusion ...	3
Urine examinations ...	22
Smears ...	5
Sputum ...	1

### HEALTH

Faeces ...	24
Swabs ...	427
Milk ...	11
Blood examinations ...	3
Urine „ ...	2
Food „ ...	12
Sputums ...	166

### ANTE-NATAL CLINIC

Blood examinations ...	1230
Urine „ ...	4
Smears ...	36

### OVER HOSPITAL

Faeces ...	18
Blood examinations ...	19
Urine „ ...	10
Cerebro-Spinal fluid ...	11
Virulence test ...	1
Skin examination ...	1
Fluid from blisters ...	1
Swabs ...	326

## VACCINATION

	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Certificates of successful Primary Vaccination of children under 14 received	74	88	71	113	140	131	243	266	308	310
Certificates of Exemption received...	882	921	850	699	598	716	844	812	811	828

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### Section III.

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## Maternity and Child Welfare

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## INTRODUCTION

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Surprisingly, the birth rate and the total number of births in 1947 even exceeded those of 1946. There has been an almost unbroken rise in the birth rate since 1940, and this is in sharp contrast to the years covering the war of 1914—1918.

### ILLEGITIMACY

It is pleasing to note a decrease in the number of illegitimate children born. The figures are given in the Vital Statistics (Section 1), and they show that before the war approximately one birth in 26 was of an illegitimate child, in 1945 the rate had risen to the alarming figures of one in eight, in 1947 it had fallen to one in fifteen.

### HEALTH VISITORS

Following a decision of the Council to extend the Student Health Visitor scheme to four, applications have been received, sufficient for the next two years. After training, the qualified Health Visitor works here for one year, as part of her contract, so it is hoped that a continual stream of specially qualified nurses will now always be available to us.

### HOME HELPS

The demand for these has rapidly increased, and under the new Act is likely to, very much more. It is important that this work shall be administered closely with that of Health Visiting and Home Nursing, and not run simply as an employment agency. There is an opposite view to this, and in some areas it is run quite independently and at present successfully: but it seems that the greater number of organisations which administer schemes bringing assistance into private homes, the greater number of people who will have to be employed to visit those houses. It is difficult to arrange for one person, a Health Visitor, to undertake visiting for every possible purpose, but as far as possible this is what is aimed at in Gloucester.

### RESIDENTIAL AND DAY NURSERIES

The demand for these Nurseries remains as great as ever, in fact there is a long waiting list of children for admission to each one.

Care must be taken to see that a Nursery is not made a substitute for home life; it can never be that. But where the Mother must go out to work, or because of illness in the home or other proper causes, children must be cared for, then good Nursing provision is essential. All cases at the Nurseries are investigated before, and from time to time after admission to be sure that an adequate cause exists.

There has been very little illness amongst children at the Nurseries, though one outbreak of Sonne Dysentery occurred at Wallsworth Hall and affected a large proportion of the children and some of the staff, but no one was ill for more than a few days. The source of the outbreak was never traced.

## MATERNITY HOSPITAL

The very successful agreement with the Gloucester District Nursing Society, by which the nursing staff of the hospital is provided, has continued to give excellent results. It is hoped that this agreement will be continued after the new National Health Service Act comes into force next year. Miss Porter, the Society's Superintendent, organises all branches of the Society's work, and maintains a high standard throughout. She is rightly keen on her staff keeping up to date, and rightly favours refresher courses and other means to this end. The Public Health Committee has always supported this view and been willing to pay for staff when on such courses. The Gloucester District Nursing Society undertakes all Domiciliary Midwifery on behalf of the Committee, and provide nursing staff for the Ante and Post-Natal Clinics. The Health Visitors of course attend these Clinics also and undertake the administrative work. It is pleasing to record the cordial and effective way Miss Taylor, the Superintendent Health Visitor, and Miss Porter and their two staffs work together.

## REPORT ON WORK AT THE INFANT WELFARE CENTRES AND ANTE-NATAL AND POST-NATAL CLINICS.

### INFANT WELFARE CENTRES.

No of Sessions	...	...	...	...	374
Infants under 1 year—joined	...	...	...	...	916
Infants 1-5 years—joined	...	...	...	...	76
No. under 1 year on register at end of year	...	...	...	...	797
No. 1-5 years on register at end of year	...	...	...	...	634
No. of Attendances—Mothers	...	...	...	...	13624
„ „ „ Infants—1 year	...	...	...	...	11587
„ „ „ „ 1-5 years	...	...	...	...	2228
Seen by doctor—under 1 year	...	...	...	...	2850
„ „ „ 1-5 years	...	...	...	...	523
Immunisations at I.W.C.	...	...	...	...	511
No. of Students from District Nurses Home, City General Hospital, Domestic Science College, Residential and Day Nurseries	...	...	...	...	268
Grouped Health Talks	...	...	...	...	24
Film Shows	...	...	...	...	6

### ANTE-NATAL AND POST-NATAL CLINICS.

No. of Sessions	...	...	...	...	501
New cases during year	...	...	...	...	1195
No. of Attendances—doctors	...	...	...	...	2070
„ „ „ midwives	...	...	...	...	3534
„ „ „ post-natal	...	...	...	...	852
Total No. of attendances	...	...	...	...	7651
No. of mothers who attended during the year	...	...	...	...	1554
No. of midwifery students attended	...	...	...	...	32
No. of cases assisted by Home Helps—	...	...	...	...	
Sickness	...	...	...	...	19
Maternity cases	...	...	...	...	53
No. of Test Feeds	...	...	...	...	139
No. of callers (in addition to Ante-Natal, Post- Natal and Test Feeds)	...	...	...	...	3986
Amount of fees collected at these clinics	...	...	...	...	£3277 7s. 0d.

## DENTAL TREATMENT OF EXPECTANT AND NURSING MOTHERS

Number of Sessions held	...	...	...	...	43
„ „ Mothers attending	...	...	...	...	142
„ „ Attendances	...	...	...	...	702
„ „ Extractions	...	...	...	...	60
„ „ Fillings	...	...	...	...	86
„ „ General Anaesthetics administered	...	...	...	...	17
„ „ Scalings	...	...	...	...	56

### SUPPLY OF DENTURES BY PRIVATE DENTAL PRACTITIONERS :—

Provided free	...	...	...	...	2
Provided at reduced charge	...	...	...	...	13

## MATERNAL MORTALITY

YEAR	DEATHS	RATE PER 1,000 LIVE AND STILL BIRTHS			
		†SEPSIS	OTHER CAUSES	TOTAL	
				Gloucester	England and Wales
1937	3	Nil	3·17	3·17	3·11
1938	4	2·18	2·18	4·36	2·97
1939	5	3·02	2·02	5·4	2·82
1940	2	Nil	2·01	2·01	2·16
1941	Nil	Nil	Nil	Nil	2·23
1942	3	Nil	2·40	2·40	2·01
1943	4	·78	2·35	3·13	2·29
1944	4	Nil	3·03	3·03	1·93
1945	3	1·60	0·80	2·40	1·79
1946	2	Nil	1·42	1·42	1·43
1947	3	Nil	2·03	2·03	1·17

† Since 1940 the heading should read Puerperal and Post Abortive Sepsis

## NUMBER OF DEATHS AND DEATH-RATE OF INFANTS UNDER ONE YEAR OF AGE.

YEAR	NUMBER OF DEATHS			Death-Rate of all Infants Per 1,000 Live Births	Death-Rate of Legitimate Infants Per 1,000 Legitimate Live Births	Death-Rate of Illegitimate Infants Per 1,000 Illegitimate Live Births
	All Infants	Legitimate Infants	Illegitimate Infants			
1938	44	Not available	Not available	50·2	Not available	Not available
1939	46	43	3	47·8	46·5	78·9
1940	62	59	3	64·7	64·2	76·9
1941	54	50	4	50·5	49·7	63·5
1942	56	54	2	46·1	46·9	31·3
1943	66	59	7	52·8	51·9	61·9
1944	41	36	5	32·1	30·9	44·6
1945	43	33	10	35·1	30·7	67·1
1946	56	45	11	40·9	36·4	82·7
1947	57	33	24	39·6	24·4	252·6

## MATERNITY HOSPITAL ACCOMMODATION

NUMBER OF WOMEN ADMITTED :—

City Maternity Hospital	...	...	...	...	698
Other Maternity Hospitals	...	...	...	...	2

## DAY NURSERIES

### ATTENDANCES.

NURSERY	YEAR	Total No. of Individual Children Admitted	Average Daily Attendance
<i>St. Aldates.</i> Opened 6.12.41 ... ..	1942	104	24
	1943	108	22
	1944	89	28
	1945	75	27
	1946	84	26
	1947	84	25
<i>Little Cloister.</i> Opened 26.1.42 ... ..	1942	159	26
	1943	142	34
	1944	161	36
	1945	108	31
	1946	124	32
	1947	103	32
<i>Bath Place.</i> Opened 8.3.43 ... ..	First record only available from March 1944	98	33
	1945	87	30
	1946	95	36
	1947	105	33
<i>Coney Hill.</i> Opened 5.4.43 ... ..	1943	103	33
	1944	123	35
	1945	110	33
	1946	101	35
	1947	97	34

## DISTRICT MIDWIFERY

MEDICAL ASSISTANCE CALLED IN DOMICILIARY CASES BY MEDICAL HELP FORMS, as follows :—

Condition of Mother	...	...	...	...	178
Condition of Child	...	...	...	...	74
Miscarriages	...	...	...	...	28
TOTALS	...	...	...	...	280

## HOME HELPS

Cases Attended :—

Maternity	...	...	...	...	53
Sickness and Old Age	...	...	...	...	19

## HOME VISITING, Etc.

The following is a summary of the work carried out by the Health Visiting Staff :—

First Visits—birth	...	...	...	...	1399
Revisits under 1 year	...	...	...	...	3688
Children 1—5 years	...	...	...	...	5980
Stillbirths Investigated	...	...	...	...	—
Diphtheria	...	...	...	...	33
Scarlet Fever	...	...	...	...	45
Ophthalmia	...	...	...	...	3
Chickenpox	...	...	...	...	1
Whooping Cough	...	...	...	...	17
Measles	...	...	...	...	13
Pneumonia	...	...	...	...	77
Puerperal Pyrexia	...	...	...	...	16
Tuberculosis	...	...	...	...	1111
Suspicious Illness	...	...	...	...	75
First visits—Antenatal	...	...	...	...	622
Revisits	...	...	...	...	69
Infant Life Protection	...	...	...	...	87
Boarded-Out Children	...	...	...	...	126
Mental Defectives	...	...	...	...	211
Sundry visits	...	...	...	...	824
Unsuccessful Visits	...	...	...	...	1536
<b>TOTAL</b>	...	...	...	...	<b>15932</b>

Visits in connection with School Medical Service 468

### ATTENDANCES AT CLINICS &C.

Ante-Natal and Post-Natal Clinics	...	...	...	506
Infant Welfare Clinics	...	...	...	700
School Minor Ailments Clinic	...	...	...	186
School Medical Inspections	...	...	...	112
Head Inspections	...	...	...	117
Other Clinics and meetings	...	...	...	119
<b>TOTAL</b>	...	...	...	<b>1740</b>

Post Certificate Courses attended	...	...	...	2
Conferences attended...	...	...	...	4

## INFANT LIFE PROTECTION

Number of persons who were receiving children for reward at the end of the year	...	...	12
Number of children at the end of the year	...	...	12
Number of children who died during the year	...	...	—
Number of children on whom inquests were held during the year	...	...	—

## OPHTHALMIA NEONATORUM

Cases notified ... ..	6
Admitted to Hospital ... ..	4
Vision unimpaired ... ..	6

## WALLSWORTH HALL RESIDENTIAL NURSERY

YEAR	Total No. of Individual Children Admitted	Average Daily Attendance
1944	109	39
1945	136	45
1946	109	44
1947	93	46

## BIRTH CONTROL CLINIC

	1939	1940	1941	1942	1943	1944	1945	1946	1947
No. of Sessions held ... ..	21	21	25	23	22	21	22	24	24
No. of cases on Register at beginning of year ... ..	44	45	34	48	38	42	47	67	82
No. of new cases attending Clinic on Doctor's recommendations during the year ...	31	13	35	30	27	32	41	41	53
No. of cases removed from the Register during the year, left City, or refused further advice ... ..	30	24	21	40	23	27	21	26	48
No. of cases remaining on the Register at the end of year ... ..	45	34	48	38	42	47	67	82	87
No. of Attendances ... ..	138	80	122	107	112	124	133	180	170
County Cases attending Clinic (included in above figures) ... ..	9	9	10	13	12	14	20	25	23

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## Section IV.

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### City General Hospital and Ambulance Service

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## INTRODUCTION

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### CITY GENERAL HOSPITAL.

The demand for hospital accommodation grows steadily, and the difficulty increases of finding staff. This, combined with 1947 being a year of consolidation all round, after the great war-time developments, has been an onerous one for the Medical Superintendent. Dr. Humphreys took up this post in January 1946, on the retirement of Dr. C. V. Knight, the first whole-time medical Superintendent. Dr. Humphreys has had to balance the demand for beds with supply of staff, and above all to maintain the staff that exists in the various scattered nurses' homes. It cannot be emphasised too much that the greatest of all needs at this hospital is an adequate Nurses' Home.

At the same time, in the hospital is the Plastic Surgery Unit, with heavy demands on beds and staff, and these must be met as far as possible, sometimes making it appear that other departments are being starved. This cannot be helped, though it does add to the difficulties of administration. Arrangements are being made by the Ministry to transfer this department to Bristol and thus liberate accommodation for local needs.

The close association with the Gloucestershire Royal Infirmary has been maintained, and it is hoped that under the new Health Service Act these two hospitals, together possibly with the Maternity and Isolation hospitals, will fuse into one hospital service for the City, which in turn will be ready to join up with whatever organisation of hospital services is finally decided on for the north of the County.

### AMBULANCE SERVICE.

The following is a report by Mr. Chinn, the Ambulance Officer:—

“The year 1947 was a period of ‘Re-organisation and Trial’ to produce an efficient Ambulance Service that would meet all demands and give every confidence to the general public.

“In connection with the reorganisation of the staff, Voluntary Ambulance men were introduced for duty at week-ends. During the year a total of 3,098 hours were covered by members of the City of Gloucester Division of the St. John Ambulance Brigade, and the 25th Detachment of the British Red Cross Society and I would like to express my appreciation of the work these men have done, which enabled me to have extra men on duty during the peak period of ambulance work.

“ First Aid Lectures were arranged to enable all members of the Ambulance staff to become fully certificated. These men now wear the Service Badge of the respective organisation and are re-examined each year.

“ During the year a Depot workshop was extended so that all of the vehicles attached to the Service, which include the Education School Meal Service vans, are serviced, unless the repair is of a major character.

“ Of the new ambulances ordered, one was delivered in November 1947, so throughout the year the Service was covered by three ambulances. Although repairs were frequently required, especially during the period of snow, frost and floods, I am pleased to report that every call was answered without complaint.

“ In anticipation of the requirements under the National Health Service Act 1946, two new ambulances have been ordered.”

## AMBULANCE SERVICE.

### A. *Total calls during 1947 :—*

	City other than City Hospitals.	HOSPITALS		Other than Hospitals or City	TOTAL
		City General	Over		
AMBULANCES ...	1437	2571	1128	710	5846
CARS ... ..	97	189	—	15	301
TOTAL ...	1534	2760	1128	725	6147

### B. *Total mileage during 1947 :—*

	City other than City Hospitals.	HOSPITALS		Other than Hospitals or City.	TOTAL
		City General	Over.		
AMBULANCES ...	8231	51671	8984	16894	85780
CARS ... ..	711	6041	—	953	7705
TOTAL ...	8942	57712	8984	17847	93485

Additional mileage in connection with the City General Hospital for transport for Nurses, Stores, etc., and the Social Welfare Department is as follows :—

City General Hospital	...	...	...	...	7786
Social Welfare Department	...	...	...	...	8660
Total					16446

SUMMARY OF CASES FOR THE YEAR ENDING 31ST DECEMBER, 1947 :—

City Accidents...	...	301	County Accidents	...	86
„ Removals...	...	1191	„ Removals	...	623
Total mileage	...	25211	Total cases	...	2201
Total patients carried	...	...	...	...	2279
Increase of cases over 1946	...	...	...	...	123
„ „ mileage „ „	...	...	...	...	4032
Accounts submitted in respect of 1947 cases					£1502 10s. 10d.

In addition to the calls and mileage shown above, the sitting case cars and the ambulances have been used extensively in connection with hospitals.

## CITY GENERAL HOSPITAL.

The following is a brief record of the patients treated during 1947 :—

1. Total number of admissions	...	...	...	...	2991
1.a Total number of Service Patients included in above	...	...	...	...	502
2. Total number of deaths	...	...	...	...	147
3. Number of Patients discharged	...	...	...	...	2982
4. Number of beds occupied :—					
(a) Average during year	...	...	...	...	258
(b) Highest on any one day	...	...	...	...	290
(c) Lowest on any one day	...	...	...	...	189
(d) Number of patients days maintenance	...	...	...	...	82504
5. Number of operations	...	...	...	...	673
6. Number of Plaster operations	...	...	...	...	172
7. Number of O.P.D. attendances	...	...	...	...	9839
8. Number of treatments in Physiotherapy Dept.	...	...	...	...	21053
9. Number of X-rays taken	...	...	...	...	10197
10. Plastic Unit :—					
(a) Plastic operations	...	...	...	...	555
(b) Dental operations	...	...	...	...	87
(c) Dental attendances	...	...	...	...	3137

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## Section V.

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### The Blind Persons Act, 1938, and Mental Treatment Act, 1930

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## BLIND PERSONS.

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It is pleasing to report that the Social and Handicraft Classes started by the Home Teacher have increased in popularity and usefulness, and this is especially good in that both classes are aimed at constructive and positive work for the blind to undertake for themselves. This is far more valuable in the end than social entertainments, however pleasant those may be at the time.

It is hoped that under the National Assistance Act it may be possible to organise self-help schemes of this kind for all handicapped persons, as far as is practicable.

At the same time some voluntary help is needed in so far as there is incapacity, and Miss Gapper has gathered round her some very faithful workers.

The following is the report of the Home Teacher for the year :—

“ During 1947 the average number of registered blind persons in the City was 112, and in addition 13 observation cases.

“ Approximately 1,600 welfare visits were paid and some form of advice, assistance or instruction given on practically every occasion. About 175 lessons were given in embossed types and 250 in simple handicrafts at home, but owing to the shortage and high cost of suitable materials, handicraft activities were considerably restricted.

“ The detailed work of rehabilitation and adjustment to blindness presented very difficult problems, but many of these were eventually wholly or partly overcome.

“ 11 New cases of blindness were discovered in the City and others with very defective sight, but not blind within the meaning of the Act, placed on our list of observation cases. The efforts made to see that persons suffering from eye troubles carried out the treatment prescribed for them were generally successful.

“ A certificate was issued by the Medical Officer of Health to every newly registered blind person to enable him to obtain a wireless licence free of charge as provided by the Wireless Telegraphy Act of 1926.

“ With the financial assistance of the Blind Persons Acts' Committee of the Council, an occupational centre was opened with six pupils at the Good Templar Hall, Park Road on 22nd April, 1947, and from that date classes were held fortnightly and instructions given in Stool Seating, Hand Knitting, Dish Mop Making, String Bag Making, Weaving and Rug Making. Because of the difficulty of obtaining suitable material and the lack of qualified helpers it was impossible to increase the number of pupils, but by the end of the year 23 registered blind persons were attending for instruction and 7 voluntary helpers.

“ At the Annual Show for Blind Gardeners held at Bristol in August, there were 12 Gloucester exhibitors, 6 of whom were awarded prizes—2 in the gardening section, 3 in the handicrafts and 1 in the domestic science section.

" Voluntary helpers were keen and reliable and have given very valuable assistance to the Home Teacher, as well as to blind persons.

" The Social Club (financed by the Gloucester City Blind Association) continued to function normally."

At the end of 1947, 59 blind persons were receiving domiciliary assistance amounting to £71 15s. 0d. per week.

### Total Blind Population, 1947.

TABLE I.

AGE PERIODS									TOTAL
0-1	1-5	5-16	16-21	21-40	40-50	50-65	65-70	Over 70	
-	-	2	2	11	14	23	10	52	111

TABLE II.

#### AGES AT WHICH BLINDNESS OCCURED.

0-1	1-5	5-10	10-20	20-30	30-40	40-50	50-60	60-70	Over 70
16	4	4	7	12	10	10	11	15	22

### MENTAL TREATMENT.

As in previous years I would like to record appreciation of the voluntary service rendered by Dr. Logan, both at the Neurological Clinic held at the Gloucestershire Royal Infirmary and in consultations at his hospitals and elsewhere. If he is in Gloucester he is always immediately available when advice or help is asked of him, and it is sometimes overlooked how much voluntary work he does apart altogether from his official duties.

I give below the figures for that year, as kindly supplied by Dr. Logan :—

### Wotton and Coney Hill Hospitals.

	VOL.		TEMP.	
	M	F	M	F
Number of Patients in Hospital at 1st January ... ..	19	40	—	—
Admissions ... ..	28	19	1	5
Regraded from Temporary to Voluntary ... ..	—	2	—	—
Regraded from Certified to Voluntary ... ..	—	—	—	—
Changes in Chargeability ... ..	—	—	—	—
TOTAL ... ..	47	61	1	5
Discharges ... ..	20	20	—	1
Deaths ... ..	4	2	—	—
Regraded from Temporary to Voluntary ... ..	—	—	—	2
Regraded from Temporary to Certified ... ..	—	—	—	—
Regraded from Voluntary to Certified ... ..	—	1	—	—
Changes in chargeability ... ..	4	1	—	—
TOTAL ... ..	28	24	—	3
Leaving in the Hospital at 31st December :—				
Wotton ... ..	7	10	1	1
Coney Hill ... ..	12	27	—	1
TOTAL ... ..	19	37	1	2

### Neurological Clinic at the Gloucester Royal Infirmary.

New cases—103.

Old cases—17.

Attendances—181.

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## Section VI.

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### Sanitary Circumstances of the Area

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*To the Chairman and Members of the Health Committee.*

LADIES AND GENTLEMEN,

The work done in the Sanitary Inspectors section during 1947 produced no spectacular results. The retarding influences of the war and the difficulties and shortages still prevailing were such that general improvements in environmental health conditions could not be realised. It is therefore, not because of lack of enthusiasm or hard work that the year's working produced little more than the stemming of deteriorations in existing standards.

The new year brought in its wake the retirement after 17 years service of your Senior Sanitary Inspector and the entry into office of your present Officer. This change took place at the time the Department was at grips with the depredations of the severe frosts, snow and gales, culminating in the unprecedented flood which affected 560 houses over some 50 acres of the built up part of the City. The severe wintry conditions caused a considerable amount of damage particularly to the older houses which already were suffering from the dilapidations accrued during the war years. This aggravated the difficulties of the inadequately housed, and reflected in the number of complaints received being almost twice that of previous years. A tribute must be paid to the general public for the tolerance shown under difficult circumstances. Nevertheless, the task of satisfying many callers who, in a state of desperation, sought assistance towards better housing accommodation proved, to say the least, depressing.

The conditions under which house refuse was stored prior to collection was unsatisfactory due to the miscellany of unsuitable receptacles in use. The scheme adopted by the Council during the year, whereby householders will be supplied with dustbins of standard specification is a welcome health measure.

The Ice Cream (Heat Treatment etc.) Regulations, 1947, made compulsory after May 1st the heat treatment of ice cream mixes and rapid cooling after heating. The apparatus necessary for the proper heat treatment and cooling must be installed, maintained and operated to the satisfaction of the local authority. The Regulations made necessary a review of the Ice Cream dealers in the City, and most manufacturers were obliged to re-equip their premises to comply with the requirements for rapid cooling.

It will be noted in the tables showing the results of the examination of milk that a large proportion of the pasteurised samples failed to pass the prescribed tests. The failures were mainly in respect of milk consigned from Yeovil to the City. A special Sub-Committee investigated the matter and found that the long rail journey in hot weather was the depreciating factor. With the return of cooler weather, the condition of the milk improved.

Under the Government scheme for the post-war training of Sanitary Inspectors, the Department afforded practical training to five students between October and the end of the year. Mr. Roy Upham was appointed Student Sanitary Inspector in January, Mr. H. Meadows returned from the forces in July and was reinstated as clerk in the Department, and Mr. D. H. Jones, District Sanitary Inspector, resigned in December to take up an appointment with another local authority.

I would like to express my sincere thanks for the kindness, consideration and support extended to me during my first year in office by the Chairman and Members of the Committee, Dr. Cookson, and the staff of the Health Department.

I am, Ladies and Gentlemen,

Your obedient Servant,

R. N. HUGHES,

*Senior Sanitary Inspector.*

January 1948.

## SANITARY INSPECTION OF THE AREA.

The following is a summary of the inspections and visits made during the year 1947.

Special visits (including visits for Building licences)	2274
Complaint visits ... ..	898
Nuisances ... ..	467
Houses inspected :—	
(a) Under the Housing Acts ... ..	—
(b) Others ... ..	5
Bakehouses :—	
(a) Power ... ..	46
(b) Non-Power ... ..	5
Factory and Workshops Act :—	
(a) Factories (Power) ... ..	93
(b) Factories (Non-Power) ... ..	8
(c) Workplaces ... ..	5
(d) Out-workers' Premises ... ..	1
Slaughter houses ... ..	1084
Common Lodging-houses ... ..	39
Dairies and Milk Shops ... ..	282
Cowsheds ... ..	92
Offensive trades ... ..	47
Premises where food is prepared, stored and sold	1137
Notifiable Diseases ... ..	—
Houses Let in Lodgings ... ..	—
Public Conveniences ... ..	1558
Places of Amusement ... ..	—
Smoke Observations ... ..	33
Rats and Mice Act ... ..	123
Schools ... ..	11
Stables ... ..	4
Slaughter of Animals Act ... ..	10
Slum Clearance ... ..	—
Merchandise Marks Act ... ..	—
Re-visits ... ..	2655
Work in progress ... ..	1276
Shops Act ... ..	4
Moveable dwellings ... ..	67
Drain Testing :—	
Smoke ... ..	7
Chemical ... ..	10
Water ... ..	44
Control of Civil Building ... ..	1065
Visits to flooded areas ... ..	418

The following is a summary of the notices served and complied with during 1947 (together with outstanding notices complied with) :—

(a) **Preliminary.**

For defects.—Served	...	...	...	...	289
Complied with...	...	...	...	...	162
For Nuisances.—Served	...	...	...	...	22
Complied with	...	...	...	...	21
Verbal Notices, complied with	...	...	...	...	511

(b) **Statutory.**

For defects under Sections 9, 10 and 16 of the Housing Act, 1936 :—					
Served	...	...	...	...	1
Complied with	...	...	...	...	1
For nuisances under the Public Health Acts :—					
Served	...	...	...	...	17
Complied with	...	...	...	...	12
Under Section 59 of the Gloucester Corporation Act, 1935 :—					
Choked Drains.—Served	...	...	...	...	34
Complied with	...	...	...	...	34
Houses provided with a water supply inside the house as a result of informal action	...	...	...	...	2

The following summary gives details of the defects remedied during 1947.

Drains repaired	...	...	...	...	26
W.C.'s or drains unstopped	...	...	...	...	98
Drains relaid	...	...	...	...	17
New soil or ventilation shafts	...	...	...	...	16
Soil or ventilation shafts repaired	...	...	...	...	11
Glazed gulley traps	...	...	...	...	27
Inspection chambers	...	...	...	...	11
Rodding eyes	...	...	...	...	6
New pedestal w.c.	...	...	...	...	277
New w.c. basin	...	...	...	...	12
New closet traps	...	...	...	...	11
Additional w.c. provided	...	...	...	...	17
Water closets repaired	...	...	...	...	54
Water closets cleansed	...	...	...	...	3
Flush boxes renewed or repaired	...	...	...	...	113
Water supply provided to w.c.'s	...	...	...	...	6
New urinals fixed	...	...	...	...	4
Flush to existing urinals	...	...	...	...	—
Urinals cleansed	...	...	...	...	2
Glazed sink troughs	...	...	...	...	59
Waste pipes repaired	...	...	...	...	17
Waste pipes trapped	...	...	...	...	36
Spouting or rain-water pipes repaired	...	...	...	...	63
Roofs repaired	...	...	...	...	179

Living rooms (w. or c.) repaired or re-decorated ...	65
Sleeping rooms (w. or c.) repaired or re-decorated	75
Rooms cleansed (vermin) ... ..	30
Floors renewed or repaired ... ..	32
Windows made to open ... ..	1
Windows and window frames repaired ... ..	55
Additional light provided ... ..	1
Additional ventilation provided ... ..	—
Damp premises remedied ... ..	5
Furnaces and grates repaired ... ..	32
Chimneys repaired ... ..	28
Yard paving relaid or repaired ... ..	—
Handrails to staircases provided ... ..	—
Ventilated Food storage provided ... ..	3
Animals improperly kept ... ..	1
Manure, &c. removed ... ..	5
Premises limewashed ... ..	19
Water supply fixed inside houses ... ..	2
Intervening ventilated space to w.c.'s ... ..	—
Anti-Syphonage pipes ... ..	1
Walls re-pointed or rendered ... ..	11
Miscellaneous ... ..	44

## HOUSING—1947.

Demolition Orders were made on 28, Longsmith Street, 17, Albany Street, and the rearmost shed at 12, Parliament Street.

### 1.—INSPECTION OF DWELLING-HOUSES DURING 1947.

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..	23
(b) Number of inspections made for the purpose ... ..	88
(2) (a) Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under Housing Consolidated Regulations, 1925 ... ..	5
(b) Number of Inspections made for the purpose ... ..	8
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	3
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	1

### 2.—REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of defective dwelling-houses rendered fit in consequence of Informal action by the Local Authority or their Officers ... ..	—
--	---



### OFFENSIVE TRADES.

The following Offensive Trades were carried on in the City at the end of the year :—

Dealers in rags, bones and rabbit skins	...	...	...	...	...	2
Dealers in hides, skins, &c.	...	...	...	...	...	1
Tripe Boilers	...	...	...	...	...	1
Tallow and Fat Melters	...	...	...	...	...	1
Number of Inspections made of above premises	...	...	...	...	...	47

### COMMON LODGING-HOUSES.

No. on register	...	...	...	...	...	6
No. of rooms registered for sleeping	...	...	...	...	...	33
Permitted number of lodgers	...	...	...	...	...	193
No. of Inspections	...	...	...	...	...	39

### HOUSES LET IN LODGINGS.

No. of houses on register	...	...	...	...	...	13
of Inspections	...	...	...	...	...	—

### RAG FLOCK ACTS, 1911 and 1928.

No. of samples taken for analysis during year	...	...	...	—
" " " found to be unsatisfactory	...	...	...	—

### RATS AND MICE (DESTRUCTION) ACT, 1919.

No. of visits made by rat catchers	...	...	...	...	3928
" " non-poisonous baits laid	...	...	...	...	20392
" " " taken	...	...	...	...	11189
" " poisonous baits laid	...	...	...	...	8648
" " " taken	...	...	...	...	5770
" " premises gassed	...	...	...	...	29
" " brown rats destroyed (town premises)	...	...	...	...	240
" " black " " " "	...	...	...	...	10
" " brown " " (dock premises)	...	...	...	...	81
" " black " " " "	...	...	...	...	128

Numerous rats were also killed by poison and gassing but the bodies were not recovered.

No. of premises dealt with under contract	...	...	...	49
" " rats examined for B. Pestis	...	...	...	2
" " " found to be infected	...	...	...	—

# **FACTORIES ACT, 1937.**

## **PART I OF THE ACT.**

### **1.—INSPECTIONS** for purposes of provisions as to health.

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are enforced by the Local Authority ... ..	86	20	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	314	139	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	—	—	—	—
<b>TOTAL</b> ... ..	400	159	—	—

### **2.—CASES IN WHICH DEFECTS WERE FOUND.**

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of cleanliness (S.1) ...	14	13	—	—	—
Overcrowding (S.2) ... ..	—	—	—	—	—
Unreasonable temperature (S.3)	—	—	—	—	—
Inadequate ventilation (S.4) ...	—	—	—	—	—
Ineffective drainage of floors (S.6) ... ..	—	—	—	—	—
Sanitary Conveniences (S.7)					
(a) insufficient ... ..	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	—	—
(c) Not separate for sexes	1	1	—	—	—
Other offences against the Act (not including offences relating to Outwork) ... ..	4	3	—	—	—
TOTAL ... ..	20	18	—	—	—

## **OUTWORK.**

### **PART VIII OF THE ACT (Sections 110 and 111).**

Nature of Work	Section 110			Section 111		
	No. of out-workers in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel						
Making, etc. ...	8	—	—	—	—	—
Cleaning and washing ...	—	—	—	—	—	—
<b>TOTAL</b> ... ..	8	—	—	—	—	—

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## Section VII.

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### Inspection and Supervision of Food

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## MILK.

The following is a summary of the producers and retailers of milk within the City on the Register at the end of the year :—

Registered Cowkeepers	...	...	...	...	...	...	9
Retail Purveyors—							
(a) with premises in the City	...	...	...	...	...	...	46
(b) with premises outside the City	...	...	...	...	...	...	23
Wholesale Traders	...	...	...	...	...	...	2
No. of inspections made during year :—							
Milkshops and Dairies	...	...	...	...	...	...	282
Cowsheds	...	...	...	...	...	...	92
Notices served	...	...	...	...	...	...	—
Notices complied with	...	...	...	...	...	...	—

## MILK (Special Designations) ORDERS AND REGULATIONS. 1936—1946.

The following licences for Designated Milk were granted :—

Producers—T.T.	...	...	...	...	...	...	1
Accredited	...	...	...	...	...	...	3
Pasteurising Plants	...	...	...	...	...	...	2
Retailers—T.T.	...	...	...	...	...	...	3
Accredited	...	...	...	...	...	...	1
Pasteurised	...	...	...	...	...	...	2
Bottling and retailing T.T.	...	...	...	...	...	...	—
Supplementary—T.T.	...	...	...	...	...	...	1
Accredited	...	...	...	...	...	...	—

The veterinary inspection of dairy herds was transferred to the Ministry of Agriculture by the Milk (Special Designation) Order 1938, and reports on the health of the herds are sent to the Local Authority. In all cases where any of the animals in the herd had been found to be suffering from any condition likely to convey disease, the farm was visited, and steps taken to prevent the milk being sold to the public, the number of cases so reported being 2.

### Bacteriological Examinations.

					Satisfactory	Unsatisfactory.
Undesignated Milk	...	...	...	...	3	7
Accredited Milk	...	...	...	...	3	1
T.T. Milk	...	...	...	...	3	3
Pasteurised Milk	...	...	...	...	49	40

### Biological Examination.

Number of milk samples taken	...	...	...	...	...	7
Number of positive results (T.B.)	...	...	...	...	...	—
Percentage	...	...	...	...	...	—

## ICE CREAM.

Under Section 75 of the Gloucester Corporation Act, 1935, which came into force in August, 1935, no person is permitted to carry on the business of a manufacturer and/or vendor of ice-cream unless he is registered in relation to his premises.

No. of manufacturers and vendors on register	...	...	16
No. of vendors on register	...	...	31
No. of visits made to registered premises	...	...	178
No. of samples of Ice-cream submitted for bacteriological examination	...	...	23
No. of these samples found to be unsatisfactory	...	...	14
No. of samples of Ice-cream powder submitted for bacteriological examination	...	...	—
No. of these samples found to be unsatisfactory...	...	...	—

## CARCASSES INSPECTED AND CONDEMNED DURING THE YEAR 1947.

	Cattle excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed (if known) ... ..	2421	674	7830	10639	432
Number inspected ... ..			All were	inspected.	
<i>All Diseases except Tuberculosis.</i>					
Whole Carcasses condemned ... ..	3	19	73	38	4
Carcasses of which some part or organ was condemned ... ..	647	278	42	862	20
Percentage of the number inspected affected with disease other than Tuberculosis ... ..	26·85	44·06	1·46	8·45	5·55
<i>Tuberculosis only.</i>					
Whole carcasses condemned ... ..	4	25	4	—	2
Carcasses of which some part or organ was condemned ... ..	135	105	—	—	13
Percentage of the number inspected affected with Tuberculosis ...	5·74	19·25	·054	—	3·47

## SUMMARY OF WEIGHT IN LBS. OF UNSOUND FOOD DEALT WITH.

						T.B.	OTHER DISEASES
Bovine Carcases	...	...	...	...	...	18100	... 15750
„ Offals	...	...	...	...	...	7370	... 14302
Pigs Carcases	...	...	...	...	...	100	... 500
„ Offals	...	...	...	...	...	258	... 121
Sheeps Carcases	...	...	...	...	...	—	... 1440
„ Offals	...	...	...	...	...	—	... 3136
Calves Carcases	...	...	...	...	...	200	... 3500
„ Offals	...	...	...	...	...	40	... 562
Imported Meats	...	...	...	...	...	—	... 4900
Fish	...	...	...	...	...	...	... 10179
Tinned Goods	...	...	...	...	...	...	... 10476
Game	...	...	...	...	...	...	... 30
Vegetables and Fruit	...	...	...	...	...	...	... 592
Various	...	...	...	...	...	...	... 4251

## SLAUGHTER-HOUSES.

No. of Slaughterhouses in the City :—

Registered	...	...	...	...	...	...	—
Licensed	...	...	...	...	...	...	12
No. of visits to Slaughterhouses for inspection of Carcases	...	...	...	...	...	...	1084

## SLAUGHTER OF ANIMALS ACT, 1933.

No. of visits to slaughterhouses during slaughtering to see that provisions of this Act are being carried out	...	...	...	10
---	-----	-----	-----	----

## PRESERVED MEAT PREMISES.

No. of premises under Sec. 75 of the Gloucester Corporation Act for the preparation and manufacture of preserved Meat	...	...	...	—
No. of premises on register at end of year	...	...	...	32

## FOOD AND DRUGS ACT, 1938.

The number of samples taken for analysis during the year was as follows :—

Year	Number taken	Genuine		Adulterated	
		Formal	Informal	Formal	Informal
1947	96	36	41	11	8

### Adulterated Samples

#### INFORMAL

##### IDENTIFICATION

No.	ARTICLE					RESULT OF ANALYSIS
2a.	...	Milk	...	...	...	Slightly deficient in fat.
3a.	...	Milk	...	...	...	Slightly deficient in fat.
6a.	...	Milk	...	...	...	Contains 10% extraneous water.
21a.	...	Milk	...	...	...	Slightly deficient in fat.
40a.	...	Sweet Spirit of Nitre	...	...	...	Seriously deficient in ethyl nitrite.
42a.	...	Glauber salts	...	...	...	Shows slight efflorescence and therefore are stronger than they should be.
47a.	...	Glaubers salts	...	...	...	Shows slight efflorescence and therefore are stronger than they should be.
45a.	...	Sweet Spirit of Nitre	...	...	...	Deficient in ethyl nitrite.

#### FORMAL

##### IDENTIFICATION

No.	ARTICLE					RESULT OF ANALYSIS
9	...	Milk	...	...	...	Slightly deficient in fat.
14	...	Milk	...	...	...	Slightly deficient in fat and non fatty solids.
17	...	Milk	...	...	...	Contains small quantity of extraneous water.
24	...	Milk	...	...	...	Contains 9.5% extraneous water.
25	...	Milk	...	...	...	Slightly deficient in fat.
26	...	Milk	...	...	...	Slightly deficient in non fatty solids.
27	...	Milk	...	...	...	Slightly deficient in fat.
28	...	Milk	...	...	...	Slightly deficient in fat and non fatty solids.
40	...	Milk	...	...	...	Slightly deficient in fat.
41	...	Sweet Spirit of Nitre	...	...	...	Seriously deficient in ethyl nitrite.
42	...	Sweet Spirit of Nitre	...	...	...	Seriously deficient in ethyl nitrite.

All the above formal samples with the exception of No. 24 were dealt with by letters of warning.

## ARTIFICIAL CREAM ACT, 1929.

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No artificial cream is manufactured in the City for sale, and none has been found offered for sale during the year.

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## WHOLESALE DEALERS IN BUTTER, MARGARINE OR \* MARGARINE CHEESE.

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No. of premises registered in City under Food and Drugs (Adulteration) Act,  
1928—Wholesale dealers in Milk blended margarine or margarine cheese :—

Butter Factories ... ..	...	...	...	...	1
Margarine or Margarine Cheese Dealers	...	...	...	...	12

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## SHOPS ACT, 1934.

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All contraventions dealt with by verbal notices.

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## PROSECUTIONS.

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### FOOD AND DRUGS.

Sample of Milk ... ..	No. 24—Contains 9·5% extraneous water. Fined £10 and costs.
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## Section VIII.

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### Port Health Administration

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TABLE A

## i. Amount of Shipping Entering the Port during 1947.

	NUMBER	TONNAGE	NUMBER INSPECTED		Number reported to be defective	Number of vessels on which defects were remedied	Number of vessels on which defects were found and reported to Ministry of Transport Surveyors	Number of vessels reported as having, or having had, during the voyage infectious disease on board
			By the Medical Officer of Health	By the Sanitary Inspector				
FOREIGN :—								
Steamers	43	36378	4	43	3	3	—	—
*Motor	9	2995	—	9	—	—	—	—
Sailing	—	—	—	—	—	—	—	—
Fishing	—	—	—	—	—	—	—	—
TOTAL FOREIGN	52	39373	4	52	3	3	—	—
COASTWISE :—								
Steamers	156	14980	—	18	—	2	—	—
*Motor	2970	117594	—	26	—	—	—	—
Sailing	2418	326101	—	22	—	—	—	—
Fishing	—	—	—	—	—	—	—	—
TOTAL COASTWISE	5544	458675	—	66	2	2	—	—
TOTAL (Foreign & Coastwise)	5596	498048	4	118	2	2	—	—

(\*Includes mechanically propelled vessels other than steamers).

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## TABLE B.

### ii. Character of Trade of Port.

(a) Passenger Traffic during the year.—13 ARRIVALS.

(b) CARGO TRAFFIC :—

Principal Imports     ...     Petrol, grain, timber and ground nuts.

,,     Exports     ...     NIL.

Foreign Ports from which vessels arrived.—Mainly Canada, Germany and West Africa.

### iii. Water Supply.

The drinking water to the Port is from the City Mains, one Water Boat and one Fire Float being used for delivering it to shipping. These vessels are kept in a clean condition, and occasionally disinfected.

### iv. Port Health Regulations, 1933 and 1945.

All vessels arriving from Foreign Ports are met by either the Medical Officer of Health, the Port Health Inspector or the Assistant Inspector, when the Declarations of Health are dealt with. Information of incoming vessels is received from the Dock Company, and two mooring stations are provided, one in the Tidal Basin, and the other in the Dock. No difficulty is experienced in the working of Article 16.

No Passengers were landed at the Port, but any Medical Examinations would take place aboard Ship. The City Isolation Hospital provides for cleansing of person and clothing, and for all cases of Infectious Disease, except Smallpox which in accordance with existing arrangements would be taken to the Bristol Smallpox Hospital. The City Isolation Hospital Ambulance would be used for carrying patients to the Hospitals.

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## TABLE C.

Cases of Infectious Sickness landed from Vessels.—Nil.

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## TABLE D.

Cases of Infectious Sickness occurring on Vessels during the voyage but disposed of prior to arrival.—Nil.

### v. Measures against Rodents.

Ships and Warehouses in Gloucester Dock are kept under the supervision of the City Pests Officer, and the Warehouses which are under the jurisdiction of the County Council at Sharpness Docks under the County Pests Officer. All Ships arriving from Foreign have to keep "Rat Guards" on mooring ropes whilst in Port. If the vessels do not carry sufficient guards, they are hired from the Authority.

Examination of Rats for plague is carried out at the Gloucestershire Royal Infirmary.

## RATS DESTROYED DURING THE YEAR.

**TABLE E.**  
(1) ON VESSELS.

NUMBER OF RATS.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year
Black ... ..	5	8	6	4	7	3	4	3	3	1	2	3	49
Brown ... ..	—	—	—	3	—	—	1	—	—	—	4	—	8
Species not recorded	—	—	—	—	—	—	—	—	—	—	—	—	—
Examined ... ..	—	—	—	—	—	—	—	—	—	—	—	—	—
Infected with plague	—	—	—	—	—	—	—	—	—	—	—	—	—

**TABLE F.**  
(2) IN DOCKS, QUAYS, WHARVES AND WAREHOUSES.

NUMBER OF RATS.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total in Year
Black ... ..	13	9	8	11	12	11	9	9	12	11	10	13	128
Brown ... ..	5	6	4	6	7	8	7	6	5	8	10	9	81
Species not recorded	—	—	—	—	—	—	—	—	—	—	—	—	—
Examined ... ..	—	—	—	—	—	—	—	—	—	—	—	—	2
Infected with plague	—	—	—	—	—	—	—	—	—	—	—	—	—

**TABLE G.**  
Measures of Rat Destruction on Plague “infected” or “suspected” Vessels or  
Vessels from plague infected ports arriving in the Port during the year.—NIL.

**TABLE J.**  
**vi. Hygiene of Crews' Spaces.**  
CLASSIFICATION OF NUISANCES.

Nationality of Vessel	No. inspected during the year.	Defects of original construction.	Structural defects through wear and tear	Dirt, vermin other conditions prejudicial to health.
British ... ..	92	—	5	1
Other Nations ... ..	26	—	5	1

## vii. Food Inspection.

Number of Samples of Food examined.—NIL.

### CANAL BOATS ACTS, 1877 and 1884.

INSPECTIONS MADE	...	...	...	...	...	...	23
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#### INFRINGEMENTS DISCOVERED :—

(a)	Non-Registration	...	...	...	...	...	—
(b)	Non-Notification of Change of Owner						—
(c)	Masters without Certificates						2
	Certificates not identifying Owner with the boat						—
(d)	Marking						—
(e)	Overcrowding						3
(f)	Separation of Sexes						—
(g)	Cleanliness						—
(h)	Ventilation						—
(i)	Painting						—
(j)	Provision of Water Cask						—
(k)	Removal of Bilge Water						—
(l)	Notification of Infectious Disease						—
(m)	Admittance of Inspector						—
(n)	Cabins damp and leaking						—
	Complaint Notes from other Authorities						—

#### TOTAL NO. OF BOATS ON REGISTER AT END OF YEAR

(a)	Ordinary Canal Boats	...	...	...	...	...	15
	Motor propelled Canal Boats						18
	Steam „ „ „						—
(b)	No. of Boats that cannot be traced						—
	Boats no longer in use						—
	„ sold to Owners in other districts						—

#### NO. OF BOATS REGISTERED OR RE-REGISTERED DURING THE YEAR :—

Boats re-registered owing to structural repairs	...	...	—
Boats re-registered owing to change of Ownership			—

All infringements discovered were dealt with by means of the usual complaint notes or by verbal notices to the Owners and Masters.



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## Section IX.

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### School Medical Services

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## EDUCATION COMMITTEE (1946-47)

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### *Chairman :*

Alderman Mrs. Edwards (Deputy Mayor).

### *Vice-Chairman :*

Alderman Hannam-Clark

### *Members :*

THE MAYOR, (*ex Officio*).

ALDERMAN HAINES.

„ STODDART.

„ DAVEY.

COUNCILLOR Mrs. SMITH.

„ EDGE.

„ LANGDON.

„ MOULDER.

„ Mrs. WENTWORTH.

„ GEORGE.

„ THOMAS.

„ TOBIN.

„ BECKINGHAM

„ Mrs. LANGDON.

Mrs. E. M. BRETHERTON, J.P.

REV. D. TUDOR-JAMES.

REV. M. J. ROCHE.

Mr. J. T. WHITELEY, M.A.

„ P. W. ROBINSON, B.Sc.

„ T. E. JONES.

REV. D. D. THOMAS.

## INTRODUCTION

### SCHOOL MEDICAL SERVICES.

The work of the School Clinic has been easier and is better since its transfer from its inadequate accommodation at Belsize House to the new Health Clinic at The Lawn. The accommodation at present is only just adequate, but is a great improvement. There is also room for extension whenever building becomes easier. On the ground floor of The Lawn is the School Clinic and on the top floor is the School Dental Clinic; the middle floor is devoted to Ante and Post-Natal Clinics. It is convenient for mothers attending the Ante-Natal Clinics to be referred to the dentist in the same building, and arrangements between the Health and Education departments have always allowed of this.

The amount of scabies is so small now, that the special treatment centre started during the war has been discontinued. Any occasional case would be dealt with under the provision made for dealing with dirty and infested children generally.

Under Section 48 of the 1944 Education Act, doubt has been raised whether the Education Authority is now responsible for all accidents to and illnesses of children on their school registers, both in term and in holiday, and whether the child is in Gloucester or out of it. Associations of Local Authorities have eventually made certain recommendations, but no firm lead has been given by the Ministry of Education. Under the circumstances, I was not prepared to advise that the Local Education Authority was responsible when a child fell ill outside its area. In the same way as a local health Authority is responsible for the treatment of infectious diseases occurring in its area, whether the patient is a normal resident or not, so this responsibility should be shared, assuming there is a responsibility at all. Otherwise local education Authorities will be asked to pay for every conceivable accident or illness in its children occurring in any part of England with no check on the necessity. Even if it were suggested that this responsibility should be limited to urgent cases only, who is to decide what is urgent or not when an accident or illness first happens? Finally, anything that involves tracing the home of the patient or the Authority responsible, smacks of "settlement" and needless time spent in correspondence. If a local education authority provides an adequate medical service in its own area, then that should suffice. If during treatment a school child returns home or moves to another area, then the responsibility to treat it goes with the child as in all other school medical matters. To settle the matter the Town Clerk took Counsel's opinion, and substantially the view that the Education Officer and I took was justified. In any case, why should a method of accepting or transferring responsibility for hospital or consultant treatment be set up when next year, under the National Service Act, all treatment will be free?

In supplying the statistics of work done in the Dental Department, Mr. Machin, School Dental Surgeon encloses the report, which I give herewith:—

General oral conditions were not so good as they had become during the later war years. From the examination of many mouths it appeared that the general diet of the school population had become more glutinous. Certain it is that an increased percentage of children had to be referred for the treatment of carious teeth.

Indeed, as the year 1947 has its bearing on the present year, 1948, with its Health Act, it is perhaps opportune to reiterate that the equivalent of 1½ Dentists cannot possibly look after the entire school population of Gloucester, and children below the age of 5 and above the age of 11 are being, to some extent, left out of the School Dental scheme. At the present moment, however, private practitioners are affording some "free" treatment, under the 1948 Health Act, and there is no apparent increase in actual suffering from "toothache."

## MEDICAL INSPECTION AND TREATMENT

### Medical inspection of Pupils attending Maintained Primary and Secondary Schools.

#### TABLE I.

##### A.—PERIODIC MEDICAL INSPECTIONS.

###### NUMBER OF INSPECTIONS IN THE PRESCRIBED GROUPS :—

Entrants ... ..	1176
Second Age Group ... ..	1593
Third Age Group... ..	442
<b>TOTAL</b> ... ..	<b>3211</b>
No. of OTHER PERIODIC INSPECTIONS ... ..	—
<b>GRAND TOTAL</b> ... ..	<b>3211</b>

##### B.—OTHER INSPECTIONS

No. of Special Inspections...	40
No. of Re-Inspections ... ..	1118
<b>TOTAL</b> ... ..	<b>1158</b>

##### C.—PUPILS FOUND TO REQUIRE TREATMENT :—

GROUP 1	For defective vision (excluding squint) 2	For any of the other conditions recorded in Table II A. 3	Total individual pupils 4
Entrants ... ..	45	296	341
Second Age group ...	155	160	315
Third Age group ...	73	94	167
Total prescribed group	273	550	823
<b>GRAND TOTAL</b> ...	<b>273</b>	<b>550</b>	<b>823</b>

TABLE II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED  
31ST DECEMBER, 1947.

Defect Code No.	DEFECT OR DISEASE	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
		No. of Defects		No. of Defects	
		Requiring treatment	Requiring to be kept under observation but not requiring treatment	Requiring treatment	Requiring to be kept under observation but not requiring treatment
4	Skin ... ..	6	1	—	—
5	Eyes—(a) Vision ... ..	185	88	11	4
	(b) Squint ... ..	14	8	—	—
	(c) Other ... ..	1	4	—	—
6	Ear—(a) Hearing ... ..	5	5	—	—
	(b) Otitis Media ... ..	8	2	—	—
	(c) Other ... ..	—	—	—	—
7	Nose or Throat ... ..	108	285	8	23
8	Speech ... ..	15	2	2	—
9	Cervical glands ... ..	23	122	1	1
10	Heart and Circulation ... ..	8	4	—	—
11	Lungs ... ..	8	12	—	—
12	Developmental—				
	(a) Hernia ... ..	5	—	—	—
	(b) Other ... ..	—	—	—	—
13	Orthopaedic —				
	(a) Posture ... ..	2	10	—	—
	(b) Flat feet ... ..	24	4	—	—
	(c) Other ... ..	—	4	—	—
14	Nervous system—				
	(a) Epilepsy ... ..	10	5	—	—
	(b) Other ... ..	—	3	—	—
15	Psychological—				
	(a) Development ... ..	—	—	—	—
	(b) Stability ... ..	—	—	—	—
16	Other ... ..	—	—	—	—

B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED DURING THE  
YEAR IN THE AGE GROUPS.

Age Groups	Number of Pupils Inspected	A. (Good)		B. (Fair)		C. (Poor)	
		No.	% of Col. 2.	No.	% of Col. 2.	No.	% of Col. 2.
1	2	3	4	5	6	7	8
Entrants ... ..	1176	221	18·79	858	72·96	97	8·25
Second age group ... ..	1593	502	31·51	928	58·25	163	10·24
Third age group ... ..	442	89	20·14	206	69·23	47	10·63
Other periodic Inspections ... ..	—	—	—	—	—	—	—
Total ... ..	3211	812	25·28	2092	65·15	307	9·57

TABLE III.

## TREATMENT

GROUP I.—MINOR AILMENTS (excluding Uncleanliness, for which see Table V.)

	Number of defects treated or under treatment during the year.
SKIN :—	
Ringworm—Scalp—	
(i) X-Ray treatment. If none, indicate by dash	—
(ii) Other treatment ... ..	—
Ringworm—Body ... ..	20
Scabies ... ..	28
Impetigo ... ..	147
Other skin disease ... ..	48
EYE DISEASES :—	
(External and other, but excluding errors of refraction, squint and cases admitted to hospital) ... ..	47
EAR DEFECTS :—	
(Treatment for serious disease of the ear ( <i>e.g.</i> , operative treatment in hospital) should not be recorded here)	55
MISCELLANEOUS	
( <i>e.g.</i> , minor injuries, bruises, sores, chilblains, etc.) ...	2760
TOTAL ... ..	3105
Total number of attendances at Authority's minor ailments clinics ... ..	7571

GROUP II.—DEFECTIVE VISION AND SQUINT (excluding Eye Disease treated at Minor Ailments—Group I.)

	No. of defects dealt with
ERRORS OF REFRACTION (including squint) ... ..	240
Other defect or disease of the eyes (excluding those recorded in Group I.) ... ..	34
TOTAL ... ..	274
No. of pupils for whom spectacles were	
( <i>a</i> ) Prescribed ...	205
( <i>b</i> ) Obtained ...	203

**TABLE III. (continued)****GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT**

	Total No. treated
Received operative treatment—	
(a) for adenoids and chronic tonsillitis ... ..	220
(b) for other nose and throat conditions ... ..	87
Received other forms of treatment ... ..	584
<b>TOTAL</b> ... ..	<b>891</b>

**GROUP IV.—ORTHOPAEDIC AND POSTURAL DEFECTS :—**

(a) No. treated as in-patients in hospitals or hospital schools ... ..	31
(b) No. treated otherwise <i>e.g.</i> , in clinics or out-patients departments ... ..	396

**GROUP V.—CHILD GUIDANCE ARRANGEMENTS AND SPEECH THERAPY :—**

No. of pupils treated (a) under Child Guidance arrangements ... ..	37
(b) under Speech Therapy arrangements ... ..	42

**TABLE IV.****DENTAL INSPECTIONS AND TREATMENT**

(1) Number of pupils inspected by the Authority's Dental Officers :—	
(a) Periodic age groups ... ..	6100
(b) Specials... ..	916
(c) TOTAL (Periodic and Specials) ... ..	7016
(2) Number found to require treatment ... ..	3729
(3) Number actually treated ... ..	2719
(4) Attendances made by pupils for treatment ... ..	3323
(5) Half-days devoted to (a) Inspection ... ..	38
(b) Treatment ... ..	447
<b>TOTAL (a) and (b) ... ..</b>	<b>485</b>

**TABLE IV. (continued)**

(6) Fillings :—							
Permanent teeth	...	...	...	...	...	...	1814
Temporary teeth	...	...	...	...	...	...	97
TOTAL							1911
(7) Extractions :—							
Permanent teeth	...	...	...	...	...	...	338
Temporary teeth	...	...	...	...	...	...	1923
TOTAL							2261
(8) Administration of general anæsthetics for extraction ...							230
(9) Other operations :—							
(a) Permanent teeth	...	...	...	...	...	...	309
(b) Orthodontia Cases	...	...	...	...	...	...	7
TOTAL (a) and (b) ...							316

**TABLE V.****INFESTATION WITH VERMIN.**

(i) Total number of examinations in the schools by the school nurse or other authorised persons	...	...	...	...	...	...	20638
(ii) Total number of individual pupils found to be infested	...	...	...	...	...	...	2764
(iii) Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2) Education Act, 1944)	...	...	...	...	...	...	—
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3) Education Act, 1944)	...	...	...	...	...	...	—

**SCABIES**

New Cases	...	...	...	...	...	...	96
Old Cases ...	...	...	...	...	...	...	33
Treatments	...	...	...	...	...	...	642

## DIPHTHERIA IMMUNISATION.

### i. Immunisation in Relation to Child Population.

Number of Children who had completed a full course of Immunisation at any time up to 31 December 1947

Age at 31.12.46 ... i.e. Born in Year ...	Under 1 1947	1 1946	2 1945	3 1944	4 1943	5 to 9 1938 to 1942	10 to 14 1933-to 1937	Total under 15
Number Immunised	107	317	425	511	485	3199	2850	7894
Estimated mid year population 1947 ...	5520					8790		14,210

### ii. Diphtheria Notifications and Deaths in Relation to Immunisation.

NOTIFICATIONS.			DEATHS.		
Age at date of Notification	Number of Cases Notified	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation	Age at date of Death	Number of Deaths	Number of cases included in pre- ceding column in which the child had completed a full course of immunisation
Under 1 ...	—	—	Under 1	—	—
1	—	—	1	—	—
2	—	—	2	—	—
3	1	—	3	—	—
4	2	1	4	1	—
5 to 9	16	6	5 to 9	1	—
10 to 14	4	2	10 to 14	—	—
TOTALS ...	23	9	TOTALS ...	2	—

**APPENDIX.**

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**Medical Examination of Corporation Employees.**

No. examined	...	...	...	108
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