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Contributors

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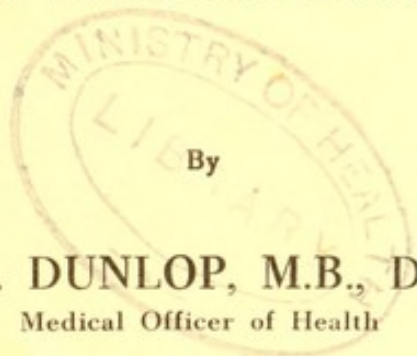
GILLINGHAM

ANNUAL REPORT

OF THE

Medical Officer of Health

for the Year ended 31st December, 1952




By

M. L. DUNLOP, M.B., D.P.H.

Medical Officer of Health

1953



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GILLINGHAM

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By

M. L. DUNLOP, M.B., D.P.H.

Medical Officer of Health

1953

Health Department,
Municipal Buildings,
Gillingham, Kent.

June, 1953.

To the Mayor, Aldermen and Councillors.

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my Annual Report for the year ending 31st December, 1952.

The birth rate was 14.6 per 1,000 of the civilian population compared with 14.5 in the previous year.

The death rate reached a low figure of 9.9 per 1,000 of civilian population. The death rate for children under 1 year declined again to the very low figure of 25 per 1,000 live births.

For the fourth year in succession there were no cases of Diphtheria. There was an increase in the number of cases of Scarlet Fever, which were generally of a mild type. There was also an increase in the cases of Poliomyelitis. The majority of cases occurred during the months of August to October and were well dispersed over the Borough. There was a large fall in cases of Measles and Whooping Cough.

I wish to acknowledge the assistance of the Council during the year and also the Staff for their generous support. My thanks are due to Mr. Hedgecock who has rendered valuable assistance and Mr. Pett who compiled the figures in this report.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

M. L. DUNLOP,

Medical Officer of Health.

STAFF—PUBLIC HEALTH AND EDUCATION DEPARTMENTS

Medical Officer of Health:

*Meta L. Dunlop, M.B., Ch.B., D.P.H.

Assistant Medical Officers:

G. E. Hughes (part time—resigned 31/8/52).
R. I. Porter (part-time).
J. Rolley (part time).
L. M. Corall (part-time—commenced 6/5/52).
S. N. S. Shenai (part time—commenced 29/10/52).

Ophthalmologist:

R. A. D. Crawford (resigned 28/7/52).
J. E. Clark (part time—commenced 27/8/52).

Dental Surgeon:

William C. Griffiths, L.D.S., R.C.S. (School Health Service)

Chief Sanitary Inspector:

*F. J. Hedgecock, M.R.S.I., M.S.I.A., Cert. Inst. Mun.E.

District Sanitary Inspectors:

*R. C. Langley, M.S.I.A.
*F. G. Barney, A.R.S.I., M.S.I.A.
*A. G. Brimble, M.R.S.I., M.S.I.A.
*N. Smith, M.S.I.A.
*H. H. Coutts, M.R.S.I., M.S.I.A. (resigned 29/11/52)

Health Visitors: (School Health Service)

***(a)** N. Legg, S.R.N., S.C.M., Health Visitor's Cert.
***(a)** E. M. Ross, S.R.N., S.C.M., R.S.C.N.
***(b)** J. Tombleson, S.R.N., S.C.M., Health Visitor's Cert.
***(b)** E. W. Jordan, S.R.N., S.C.M., Health Visitor's Cert.
***(b)** J. K. Hall, S.R.N., S.C.M., Health Visitor's Cert.
(resigned 31/3/52).
***(b)** D. A. Tremble, S.R.N., S.C.M., Health Visitor's Cert.
(commenced 1/1/52).
***(b)** R. Wood, S.R.N., S.C.M., Health Visitor's Cert.
(commenced 1/1/52).
***(b)** E. Hatch, S.R.N., S.C.M., Health Visitor's Cert.
(commenced 1/10/52—resigned 24/12/52).
***(c)** H. V. Wilson, S.R.N., S.C.M., Health Visitor's Cert.
***(d)** A. C. Neesam, S.R.N., S.C.M.

Chief Clerk:

S. Pett.

Clerks:

J. Clark.
E. Dwyer.
R. C. Avery. (School Health Service).
† P. J. Bowgen. (School Health Service).
B. McCauley.
W. E. Kennedy.

Dental Attendant:

L. Scott.

Disinfector and Mortuary Attendant:

John Sparks.

Rodent Operative:

W. H. Wright

NOTES

* Indicates officials to whose salaries contribution is made under Public Health Acts or by Exchequer Grants.

- (a) General trained nurse, half time to School Health Service.
- (b) General trained nurse, one-third time to School Health Service.
- (c) General trained nurse, three-quarters time devoted to School Health Service.
- (d) General trained nurse, School and Clinic Nurse.

† One-half time to School Health Service.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres (land, inland water and foreshore)...	11,201
Rateable Value (April, 1952)	£430,320
Estimated Sum Represented by a Penny Rate (1952-53)	£1,630

In 1951-52 the total Rates were 22/- in the £
(excluding water rates and charges).

Extracts from Vital Statistics

Total Population (Registrar General) ...	75,810
--	--------

Live Births

Rate per 1,000 of the estimated resident civilian population	14.6
--	------

Still Births

Rate per 1,000 total (live and still) births ...	26.4
--	------

Deaths (all causes)

Rate per 1,000 of the estimated civilian population	9.9
---	-----

Deaths from Puerperal Causes

	Rate per 1,000 total (live and still births)
Puerperal and post abortive sepsis	0.00
Other Maternal Causes	0.00
Total	0.00

Death Rate of Infants Under One Year of Age

All Infants per 1,000 live births	23.5
Legitimate Infants per 1,000 legitimate live births	19.1
Illegitimate Infants per 1,000 illegitimate live births	100.1

Deaths in Public Institutions

Two hundred and ninety-nine or 39.9 per cent of the total, took place in Institutions.

Natural Increase of Population

This is measured by the excess of births over deaths. The figure for the year 1952 was 354 and for previous years as follows :—

Year								Natural Increase of Population
1943	...	...	...	...	...	...	...	468
1944	...	...	...	...	...	...	...	544
1945	...	...	...	...	...	...	...	527
1946	...	...	...	...	...	...	...	728
1947	...	...	...	...	...	...	...	647
1948	...	...	...	...	...	...	...	496
1949	...	...	...	...	...	...	...	325
1950	...	...	...	...	...	...	...	237
1951	...	...	...	...	...	...	...	251
1952	...	...	...	...	...	...	...	354

Cancer

						Cancer Death Rate.	Percentage of Total Deaths.
1943	...	...	...	...	...	2.0	16.1
1944	...	...	...	...	...	2.0	15.9
1945	...	...	...	...	...	2.1	16.6
1946	...	...	...	...	...	1.9	15.9
1947	...	...	...	...	...	1.9	15.0
1948	...	...	...	...	...	2.4	19.9
1949	...	...	...	...	...	2.1	15.9
1950	...	...	...	...	...	1.8	16.4
1951	...	...	...	...	...	1.6	14.6
1952	...	...	...	...	...	1.8	18.4

Violence

Deaths from motor vehicle accidents numbered 10, from suicide 11 and from "all other accidents" 10.

**PREVALENCE OF, AND CONTROL OVER INFECTIOUS
AND OTHER DISEASES**

Smallpox

No cases were notified during 1952.

Scarlet Fever

Notifications numbered 164. 45 cases were removed to hospital. There were no deaths.

Diphtheria

No cases were notified.

**TABLE SHOWING NOTIFICATIONS OF DIPHTHERIA
From 1918 to 1952**

Period	No. Notified	Deaths Registered.
1918-27	78 (Avg.)	—
1928	213	10
1929	179	17
1930	42	1
1931	19	1
1932	8	—
1933	17	1
1934	52	4
1935	27	5
1936	17	2
1937	42	1
1938	157	4
1939	86	1
1940	28	1
1941	5	—
1942	7	—
1943	3	—
1944	3	—
1945	2	—
1946	2	—
1947	NIL	—
1948	4	—
1949	NIL	—
1950	NIL	—
1951	NIL	—
1952	NIL	—

IMMUNISATION AGAINST DIPHTHERIA AND VACCINATION AGAINST SMALLPOX, 1952

The following is a return of (A) the number of children resident in the Borough of Gillingham, who were immunised against diphtheria and (B) the number of persons who were vaccinated against smallpox, during the year ended 31st December, 1952:—

(A) Diphtheria Immunisation

Year of Birth	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	Total
Primary Inoculations	76	590	66	39	22	27	39	9	6	5	—	—	—	—	—	879
Reinforcing Inoculations	—	—	—	2	27	323	271	68	52	21	21	59	4	1	1	850

(B) Vaccination

Year of Birth	1952	1951	1950	1949	1948	1947	1946	1945	1944	1943	1942	1941	1940	1939	1938	Before 1938	Total
Primary Vaccination	425	242	23	18	13	12	4	6	10	3	3	1	2	6	5	64	1038
Re-Vaccination	—	1	7	5	4	12	6	7	3	2	5	3	—	4	3	139	201

IMMUNISATION AGAINST DIPHTHERIA, 1952

The following is a return of the number of children resident in the Borough of Gillingham under the age of 15 years on 31st December, 1952, who had completed a course of immunisation at any time before that date (i.e., at any time since 1st January, 1938).

Year of Birth	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	Total
	909	861	939	932	757	987	1210	1173	1087	1009	1255	811	749	641	76	13396

Puerperal Pyrexia

Four cases were notified. All patients recovered.

Ophthalmia Neonatorum

One case was notified, and made a complete recovery.

Enteric Fever Group

Two cases of Paratyphoid "B" Fever were notified. Both patients recovered.

Dysentery

One case was notified. This was caused by B Sonne.

Anterior Poliomyelitis

19 cases were notified, 3 of which were of the non-paralytic type. There were no deaths.

Pneumonia

Cases notified numbered :—

Lobar pneumonia	...	...	...	...	29
Broncho pneumonia	...	...	...	...	—
Influenzal pneumonia	...	...	...	...	2
Acute primary pneumonia	...	...	...	...	3
Pneumonia	...	...	...	...	3
					—
			Total	...	37
					—

Measles and Whooping Cough

			Number of cases notified	Deaths
Measles	...	...	112	—
Whooping Cough	...	...	209	—

Disinfections

Houses disinfected by Formalin spraying in connection with tuberculosis cases numbered 200 compared with 228 in the previous year.

Tuberculosis

Notification of new cases :—

				Pulmonary Rate per 1,000 of population	Non-Pulmonary Rate per 1,000 of population
1943	...	...	...	1.7	0.4
1944	...	...	...	2.27	0.5
1945	...	...	...	1.24	0.5
1946	...	...	...	1.45	0.4
1947	...	...	...	1.69	0.3
1948	...	...	...	1.05	0.3
1949	...	...	...	1.07	0.2
1950	...	...	...	0.86	0.1
1951	...	...	...	0.8	0.1
1952	...	...	...	0.9	0.1

PUBLIC HEALTH (TUBERCULOSIS) REGULATIONS 1930

				Pulmonary	Non- Pulmonary	Total
Number on Register at 1st January,						
1952	...	...	...	475	101	576
Number on Register at 31st Decem- ber, 1952						
...	...	...	...	501	95	596

Notifications

Table compiled from local records, giving details with regard to sex, age, etc., of notified new cases during 1952.

Age Periods	New Cases			
	Respiratory		Non- Respiratory	
	M.	F.	M.	F.
Under 1 year	—	—	—	—
1—5 years	—	1	1	1
5—15 "	1	4	3	2
15—25 "	9	7	1	1
25—35 "	7	8	—	—
35—45 "	9	7	1	1
45—55 "	16	1	—	1
55—65 "	2	—	—	—
65 and upwards	1	2	—	—
Total ...	45	30	6	6

Tuberculosis Death Rate

The following table is inserted for purposes of comparison :

Year	Death Rates per 1,000 of Population		
	All Forms	Pulmonary	Non-Pulmonary
1943	0.87	0.74	0.13
1944	0.83	0.72	0.11
1945	0.62	0.48	0.14
1946	0.74	0.63	0.11
1947	0.71	0.58	0.13
1948	0.61	0.55	0.06
1949	0.50	0.47	0.03
1950	0.39	0.33	0.06
1951	0.36	0.31	0.05
1952	0.21	0.16	0.05

Particulars of patients from the Gillingham Area dealt with at the Chest Clinic, Gillingham, during 1952.

(These figures were kindly supplied by Dr. S. R. C. Price, Chest Physician).

	Adults		Children		Total	
	M.	F.	M.	F.	M.	F.
Pulmonary	50	35	—	4	50	39
Non-pulmonary ...	1	5	3	3	4	8
Total	51	40	3	7	54	47
	91		10		101	
Non-tuberculous ...	178	275	121	132	299	407
Grand Total	229	315	124	139	353	454
	544		263		807	

Total attendances numbered 2,467.

Institutional Treatment

Institutions to which patients were sent during 1952 :—

All Saints' Hospital, Chatham	...	...	...	6
All Saints' Hospital, Eastbourne	...	...	...	1
Grosvenor Sanatorium, Ashford	...	...	...	6
Lenham Sanatorium, Nr. Maidstone	...	...	...	3
Grove Park Hospital, Lee	...	...	...	16
Royal Sea Bathing Hospital, Margate	...	...	...	6
Bevendean Hospital, Brighton	...	...	...	7
Queen Mary's Hospital, Sidcup	...	...	...	8
Preston Hall, Aylesford	...	...	...	3
Kettlewell Hospital, Swanley	...	...	...	3
Eversfield Chest Hospital, St. Leonards	...	...	...	4
Orpington Hospital	...	...	...	3
Fairlight Sanatorium, Hastings.	...	...	...	2
Keycol Hill Hospital	...	...	...	1
Victoria Home, Margate	...	...	...	1
Farnborough Hospital	...	...	...	2
Bow Arrow Hospital, Dartford	...	...	...	23
London Chest Hospital	...	...	...	3
Red Oak Hospital, Brighton	...	...	...	1
Darvell Hall, Robertsbridge	1
St. Mary Abbots	1
Nayland Sanatorium, Colchester	1

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Venereal Diseases

I am indebted to Dr. C. D. Routh, Director of the Medway and Gravesend Hospital Management Committee's Special Clinic in Rochester, for the subjoined figures.

New Patients—Gillingham :

	Male	Female	Total
Syphilis	4	5	9
Soft sore	—	—	—
Gonorrhœa	3	3	6
Non-Venereal	35	15	50
Totals	42	23	65

Infant Mortality

Deaths of infants under 1 year numbered 26, which represents an infant mortality rate of 23.5 per 1,000 births.

The rate for London was 23.8, for England and Wales 27.6, and for "the Great Towns" including London, 31.2

Maternal Mortality

There was no death associated with pregnancy. The maternal mortality rate for England and Wales was 0.72.

ANALYSIS OF INFANT DEATHS DURING 1952

CAUSE OF DEATH (Local register)	AGE AT DEATH									
	Under 1 week	1 and under 2 weeks	2 and under 3 weeks	3 and under 4 weeks	Total under 1 month	1 and under 3 months	3 and under 6 months	6 and under 9 months	9 and under 12 months	Total under 1 year
Prematurity	12	—	—	—	12	—	—	—	—	12
Gastro enteritis	—	—	—	—	—	—	—	—	—	—
Pneumonia	1	1	—	—	2	—	1	—	1	4
Meningitis	—	—	—	—	—	—	—	—	—	—
Atelectasis	2	—	—	—	2	—	—	—	—	2
Congenital malformations	3	—	1	—	4	—	—	—	—	4
Marasmus	—	—	—	—	—	—	—	—	—	—
Other causes	3	—	—	—	3	—	1	—	—	4
ALL CAUSES	21	1	1	—	23	—	2	—	1	26

ANALYSIS OF BIRTHS AND INFANT DEATHS FOR THE YEARS 1943 TO 1952

	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952
Number of still births	31	28	22	41	39	25	15	21	33	30
Number of neo-natal deaths	30	29	31	33	33	21	28	23	20	23
Total number of still births and neo-natal deaths	61	57	53	74	72	46	43	44	53	53
Number of deaths of infants 1 to 12 months of age	21	28	31	16	32	14	14	14	10	3
Number of live births	1138	1212	1231	1470	1446	1261	1154	1046	1065	1104
Number of still births	31	28	22	41	39	25	15	21	33	30
Total live and still births	1169	1240	1253	1511	1485	1286	1169	1067	1098	1134

MORTALITY RATES CALCULATED PER 1,000 LIVE AND STILL BIRTHS

Still births	26	22	17	27	26	19	13	20	30	26
Neo-natal deaths	25	23	24	22	22	16	24	21	18	20
Deaths of infants 1 to 12 months of age	18	22	24	10	22	11	12	13	9	3
Still births and all deaths up to 1 year	70	68	66	59	71	47	49	54	57	49
Infant mortality per 1,000 live births	45	47	50	33	45	28	36	35	28	23

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply

Thirty-three water samples were taken during the year: 11 from the Gillingham area and 22 from the Rainham area. All proved satisfactory.

19,975 dwellings are supplied directly from the mains, this is 98.4% of the total number of dwellings in the Borough, which consist of :—

Houses	19,471
Houses and shops	698
Houses and business premises	30
Licensed houses	97
Boarding houses	5
Total dwellings	20,301

Sanitary Inspection

This portion of the report has been prepared from information supplied by Mr. F. J. Hedgecock, Chief Sanitary Inspector.

Premises, Etc., Visited During 1952

	No. of Visits
Milk shops and dairies and retailers of bottled sterilised milk	425
Bakehouses	104
Refreshment houses or premises where food is prepared	644
Shops under Shops Acts... ..	2,201
Factories, workshops and workplaces	519
Re notified infectious diseases	334
Houses (filthy or verminous)	55
Slaughterhouses	3
Piggeries	294
Animals kept so as to be a nuisance	18
Public lavatories	1,638
Drains tested	323
Complaints received	1,898

Inspection and Supervision of Food

The subjoined table shows the premises on the registers and the number of inspections made.

	On Register 31st Dec.	No of visits during 1952
Bakehouses	32	104
Dairies and Milkshops	12	425
Retailers of bottled sterilised milk	70	
Slaughterhouses	—	3
Fried Fish Shops	39	229
Pressed and Preserved Meat Premises	57	157
Restaurants	45	644

Food and Drugs Act, 1938

Particulars of samples taken by the Sanitary Inspectors during the year :—

Article	No. of Samples	Article	No. of Samples
Milk	42	Shrimp Paste	1
Barley Sugar	1	Wine Cocktail	1
Popcorns	1	Milk Lollies	1
Tomato Soup	2	Luncheon Meat	3
Mustard	2	Saccharin	1
Castor Oil	1	Cascara	1
Curry Powder	2	Mincemeat	1
Sausage Meat	1	Lemonade	1
Chocolate	1	Treacle	1
Orange Squash... ..	1	Bread	1
Cream Powder	1	Gin	7
Boracic Ointment	1	Chutney	1
Faggots	1	Vinegar	2
Anti Acid Mixture	1	Cordials	2
Soya Flour	1	Aspirins	2
Candied Peel	1	Meat Paste	1
Piccaililli	1	Wine	3
Fats	2	Pearl Barley	1
Condensed Milk	2	Cheese Spread	2
Dressed Crab	1	Black Pudding	1
Pea Flour	1	Prunes	1
Syrup of Figs	1	Tincture of Rhubarb	1
Gravy Powder	1	Semolina	1
Ice Cream	12	Tapioca	1
Pepper	2	Cream Cakes	1

Food and Drugs Act, 1938—continued.

Boiled Sweets	2	Meat Pie	1
Sardine & Tomato Paste	1	Coffee Essence	2
Fruit Juices	4	Jam	4
Tomato Juice	1	Cough Mixture	1
Cod Liver Oil	1	Table Jellies	2
Arrowroot	1	Lemon Essence	1
Raising Powder	1	Zinc and Castor Oil	
Pickled Onions... ..	1	Cream	1
Whisky	9	Lemon Squash	1
Sausages	4	Cachous	1
Honey	1	Sodium Citrate	1
Custard Powder	1	Brawn	1
Bicarb. of Soda	1	Ginger	1
Sauce	2	Lactagol	1
Pickles	1		
	114		57

Total Number of Samples Taken—171.

Unsound Food

Amount of food condemned weighed 4 tons, 11 cwts. and 3 lbs. This included tinned foods, flour, cheese and hams.

Housing Summary

1. Inspection of dwelling-houses during the year :—
 - (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 1670
 - (b) Number of inspections made for the purpose 3355
 - (2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Regulations 309
 - (b) Number of inspections made for the purpose 544
 - (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation 6
 - (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 152
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 288

Housing Summary—continued.

3. Action under statutory powers during the year :—

(a) Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	427
--	--------	-----

(2) Number of dwelling-houses in which defects were remedied after service of formal notices :		
--	--	--

(a) By owners	446
---------------	--------	-----

(b) By local authority in default of owners	21
---	--------	----

(b) Proceedings under Housing Act :—

(1) Demolition Orders	5
-----------------------	--------	---

(2) Closing Orders	—
--------------------	--------	---

(3) Undertakings not to re-let for human habitation	1
---	--------	---

(4) Houses demolished during 1952 as the result of formal action under the Act	..	10
--	----	----

Nuisances Abated**Water Closets :**

Lavatory basins provided	2
--------------------------	--------	---

New pans and traps fitted	23
---------------------------	--------	----

Water closets re-built	—
------------------------	--------	---

New water closets constructed	5
-------------------------------	--------	---

Water closet fittings repaired (water)	70
--	--------	----

Water closet seats, doors, floors, brickwork repaired...		21
--	--	----

Water Supply :

Pipes repaired	5
----------------	--------	---

Internal supply provided	—
--------------------------	--------	---

Yards :

Drained and paved with cement concrete	13
--	--------	----

Sinks and Baths :

Glazed stoneware sinks fixed	2
------------------------------	--------	---

Sink waste pipes provided and fixed	20
-------------------------------------	--------	----

Drainage :

Drains repaired	146
-----------------	--------	-----

Subsidiary sewers cleared by Health Department	723
--	--------	-----

Inspection chambers repaired	3
------------------------------	--------	---

Cesspools cleared by Health Department	358
--	--------	-----

Nuisances Abated—continued**Dampness :**

Roofs repaired and made watertight	235
Eaves guttering and down pipes provided or repaired	156
External walls protected from dampness	105
Internal walls repaired	268
Damp-proof courses inserted	3
Ventilation provided under floors	3
Forecourts paved with cement concrete	—

General

Disused cesspools filled in	71
Accumulation of refuse in yard removed	3
Dangerous cellar flaps repaired	3
Cooking ranges and coppers repaired	57
Sashes, doors, frames, floors, and stairs repaired ...	187
Ceilings repaired and distempered	103
Back additions underpinned and repaired	—
Dustbins provided	34

Preliminary and Abatement Notices

During the year the following notices were served :—

Informal Notices for the abatement of various nuisances	424
Abatement Notices concerning various nuisances (Section 93 of the Public Health Act, 1936) ...	152
Section 24 of the Public Health Act, 1936 (Maintenance of a public sewer)	122
Section 39 of the Public Health Act, 1936 (Defective sanitary appliance)	60
Section 44 of the Public Health Act, 1936 (Construction of W.C.)	—
Section 45 of the Public Health Act, 1936 (Notice to repair defective closet)	16
Section 50 of the Public Health Act, 1936 (Leaking Cesspools)	44
Gillingham Corporation Act, 1931, Section 72, respecting choked or defective drains	34
Section 56 of the Public Health Act, 1936 (Yard Paving)	4
Section 75 of the Public Health Act, 1936 (Provision of Dustbins)	20
Total	885

Prevention of Damage by Pests Act, 1949.

	Rats	Mice
Number of complaints received ...	168	114
Infestations found	150	108
Infestations found on independent investigation	43	22
Action taken :—		
Premises treated by Operator ...	190	127
Premises treated by Occupiers ...	3	3
Estimated Kill :—		
By poison	973	—
Traps or other means	12	—
Sewer Treatment :—		
	Baited	Poison Baited
Number of manholes treated ...	379	108

Factories Act, 1937

There are 315 factories on the register ; 421 inspections were made. Outworkers premises numbered 104.

Eradication of Bed-Bugs, Disinfections, etc.

The number of houses found to be infested was :—

Council Houses	20
Other Houses	115
Bedding removed and disinfected	270
Total number of rooms sprayed for Bugs, T.B., etc.	944
Total number of articles disinfected	5,887

Table showing:—(a) The distribution in age groups of infectious disease cases notified during 1952.
 (b) The number removed to Hospital.

(Local Records).

NOTIFIABLE DISEASE.	CASES NOTIFIED											(Diagnosis Corrected)					Total cases removed to Hospital
	All ages	Under 1	1 and under 2	2 and under 3	3 and under 4	4 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 35	35 and under 45	45 and under 65	Over 65				
Scarlet Fever ...	164	2	2	6	17	18	112	6	—	—	1	—	—	—	45		
Acute Poliomyelitis ...	19	2	1	—	—	2	5	2	2	5	—	—	—	—	10		
Erysipelas... ..	5	—	—	—	—	—	—	—	—	—	—	2	3	—	—		
Pneumonia	37	1	—	2	3	1	7	2	1	1	6	8	5	—	3		
Measles	112	1	6	10	13	13	67	—	1	1	—	—	—	—	1		
Whooping Cough... ..	209	14	20	31	39	36	67	1	—	—	1	—	—	—	5		
Dysentery... ..	1	—	—	—	—	—	1	—	—	—	—	—	—	—	1		
Para Typhoid "B" Fever	2	—	—	—	—	—	—	—	—	2	—	—	—	—	2		
Meningococcal Meningitis	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1		
Peurperal Pyrexia ...	4	—	—	—	—	—	—	—	—	4	—	—	—	—	—		
Ophthalmia Neonatorum	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—		
Food Poisoning	6	—	—	—	1	—	2	—	—	1	2	—	—	—	5		
Pneumococcal Meningitis	1	—	—	—	—	—	—	—	—	1	—	—	—	—	1		

**Causes of Deaths amongst Civilians, Live Births and Still Births
as provided by the Registrar-General:—**

CAUSES OF DEATH				Male	Female	Total
1.	Tuberculosis, respiratory	...	...	6	6	12
2.	Tuberculosis, other	...	...	1	3	4
3.	Syphilitic disease	...	...	1	—	1
4.	Diphtheria	...	...	—	—	—
5.	Whooping Cough	...	...	—	—	—
6.	Meningococcal infections	...	...	—	1	1
7.	Acute Poliomyelitis	...	...	—	—	—
8.	Measles	...	...	—	—	—
9.	Other infective and parasitic diseases	...	...	1	—	1
10.	Malignant neoplasm, stomach	...	...	13	9	22
11.	Malignant neoplasm, lung, bronchus	...	...	16	1	17
12.	Malignant neoplasm, breast	...	...	—	15	15
13.	Malignant neoplasm, uterus	...	...	—	6	6
14.	Other malignant and lymphatic neoplasms	...	...	36	42	78
15.	Leukaemia, aleukaemia	...	...	—	3	3
16.	Diabetes	...	...	1	7	8
17.	Vascular lesions of nervous system	...	...	48	68	116
18.	Coronary disease, angina	...	...	84	32	116
19.	Hypertension with heart disease	...	...	6	5	11
20.	Other heart disease	...	...	52	78	130
21.	Other circulatory disease	...	...	15	9	24
22.	Influenza	...	...	—	3	3
23.	Pneumonia	...	...	10	15	25
24.	Bronchitis	...	...	10	10	20
25.	Other diseases of respiratory system	...	...	1	3	4
26.	Ulcer of stomach and duodenum	...	...	5	2	7
27.	Gastritis, enteritis and diarrhoea	...	...	—	3	3
28.	Nephritis and nephrosis	...	...	4	7	11
29.	Hyperplasia of prostate	...	...	6	—	6
30.	Pregnancy, childbirth, abortion	...	...	—	—	—
31.	Congenital malformations	...	...	4	1	5
32.	Other defined and ill-defined diseases	...	...	30	39	69
33.	Motor vehicle accidents	...	...	7	3	10
34.	All other accidents	...	...	4	6	10
35.	Suicide	...	...	6	5	11
36.	Homicide and operations of war	...	...	—	1	1
ALL CAUSES				367	383	750
Deaths of Infants under 1 year:—						
	Legitimate	...	...	11	9	20
	Illegitimate	...	...	4	2	6
	Total	...	...	15	11	26
Births		For Infant Mortality, etc.				
		M.	F.	Total		
LIVE BIRTHS:—						
	Legitimate	534	515	1049		
	Illegitimate	32	23	55		
	Total	566	538	1104		
Still BIRTHS:—						
	Legitimate	12	12	24		
	Illegitimate	3	3	6		
	Total	15	15	30		

SCHOOL HEALTH SERVICE

Under the provisions of the Education Act, 1944, Gillingham is an "excepted district."

Number on School Roll	9804
Average attendance December, 1952	8760
" Periodic " cases examined	3973
Total medical examinations	7936
Visits to schools by nurses	455
Visits to homes by nurses	611
Inspections by school dentist	2543
Treated by school dentist	3535
Percentage of average attendance found verminous	5.8
Percentage of average attendance excluded for verminous conditions	0.9
Total attendances at various clinics (dental excluded)	5652

Nutrition

In accordance with the requirements of the Ministry of Education, children examined at periodic medical inspections are classified as " Good," " Fair," or " Poor."

The figures for the past ten years are as follows :—

Year	Good %	Fair %	Poor %
1943	20.00	75.74	4.35
1944	22.14	73.03	4.83
1945	22.90	72.60	4.50
1946	19.10	77.40	3.50
1947	17.50	77.50	5.00
1948	34.80	61.80	3.40
1949	51.10	44.30	4.60
1950	81.10	17.40	1.50
1951	85.01	14.86	0.13
1952	87.59	12.11	0.30

Heights and Weights

Age	BOYS			GIRLS		
	Number exam- ined	Average		Number exam- ined	Average	
		Height in inches	Weight in lbs.		Height in inches	Weight in lbs.
5-6 years	590	43.8	44.5	540	43.6	43.0
6-7 ..	84	45.7	47.9	93	45.8	47.6
7-8 ..	252	49.3	54.8	253	48.2	52.2
8-9 ..	210	50.2	56.4	228	49.9	55.3
9-10 ..	—	—	—	—	—	—
10-11 ..	318	54.9	68.3	300	55.1	72.8
11-12 ..	119	55.7	74.9	92	55.9	74.4
12-13 ..	41	59.0	88.7	—	—	—
13-14 ..	264	60.9	97.9	260	61.5	101.2
14-15 ..	42	62.9	109.2	33	62.5	107.0
15-16 ..	148	65.4	119.3	97	62.9	113.3
16-17 ..	—	—	—	—	—	—

Provision of Milk

Milk is provided free of charge to all school children. During the year an average of approximately 8,042 children were supplied with milk each day. This represents 82.0% of the total number of children on the roll.

Infectious Diseases

The following summary gives the number of patients excluded during the years 1943-52 (Private schools included).

				Scarlet Fever Cases	Diphtheria Cases
1943	...	...	...	222	1
1944	...	...	...	54	1
1945	...	...	...	62	1
1946	...	...	...	22	1
1947	...	...	...	31	—
1948	...	...	...	17	4
1949	...	...	...	42	—
1950	...	...	...	51	—
1951	...	...	...	38	—
1952	...	...	...	119	—

Measles, Whooping Cough, Chicken-Pox, Mumps, etc.

	1950	1951	1952
Measles	74	702	98
German measles	—	—	5
Whooping cough	105	160	65
Chicken-pox	72	28	136
Mumps	58	8	164

Following-up by Nurses

The nurses paid 611 home visits, of which 371 were to make enquiries with regard to children suffering from infectious diseases.

Summary of Nurses Work

(1) Total visits to schools	455
(2) Attendances at routine medical inspections	232
(3) Attendances at clinics	475
(4) Visits to home re	
(a) Defective children	240
(b) Infectious diseases	371
(5) Examination of heads and bodies re cleanliness	24,868
(6) Notices sent re nits (children not excluded from school)	259
(7) Notices sent re nits and vermin (children excluded from school)	78

Attendances at Treatment Clinics

	Balmoral Gardens	Rainham	Total 1952	Total 1951
Ringworm	193	27	220	119
Ear defects	198	18	216	205
Impetigo	193	42	235	246
Scabies { School children	3	2	5	9
{ Others	—	—		
{ Contacts	—	—		
Other skin diseases	215	9	224	228
External eye disease	503	45	548	656
Other conditions	2,169	1,263	3,432	3,794
Totals	3,474	1,406	4,880	5,257

Children suffering from the following conditions made first attendances for inspection :—

	Balmoral Gardens	Rainham	Total 1952	Total 1951
Catarrh, sore throats, colds etc.	81	20	101	72
Vermin of head or body, nits, etc.	84	32	116	240
Ringworm	15	6	21	12
Impetigo	48	21	69	51
Scabies { School children	1	2	3	3
{ Others	—	—		
{ Contacts	—	—		
Other skin diseases	86	6	92	67
Defective vision, sore eyes, etc.	266	70	336	280
Nose and throat diseases ...	26	29	55	36
Tubercular and pretubercular conditions	—	—	—	—
Chorea	—	1	1	1
Epilepsy	—	—	—	—
Ear disease	54	19	73	73
Heart disease	—	3	3	4
Rheumatism	1	1	2	4
Deformities	—	3	3	1
Convalescents from infectious diseases	82	42	124	28
Other diseases and defects ...	480	542	1,022	913
Totals	1,224	797	2,021	1,785

Orthoptic Clinic

During the year 54 cases were referred to St. Bartholomew's Hospital, Rochester for the orthoptic treatment of children suffering from squint

Nose and Throat Defects

150 children received operative treatment at All Saints and St. Bartholomew's Hospitals.

Ophthalmic Clinic

The work of the clinic may be summarised thus :—

Sessions held	...	...	...	...	42
Number of children examined for first time..					205
Number of children re-examined	...	...			567
Total attendances	...	...	...	...	772
Glasses prescribed	...	...	...	...	273
Glasses not required or no change necessary					499
Referred to hospital	...	...	...	...	54

Handicapped Pupils requiring education at Special Schools or Boarding in Boarding Homes

1952	Blind (1)	Partially sighted (2)	Deaf (3)	Partially deaf (4)	Delicate (5)	Physically handicapped (6)	Educationally subnormal (7)	Maladjusted (8)	Epileptic (9)	TOTAL 1—9 (10)
In the calendar year :										
A. Handicapped Pupils newly placed in Special Schools or Homes	—	—	—	—	—	—	2	—	—	2
B. Handicapped Pupils newly ascertained as requiring education at Special Schools or boarding in Homes	—	1	2	—	4	2	12	1	—	22
On or about December 1st :—										
C. No. of Handicapped pupils from the area—										
(i) attending Special Schools as										
(a) Day Pupils	—	—	—	—	—	—	—	—	—	—
(b) Boarding Pupils	—	6	6	2	1	4	9	2	—	30
(ii) boarded in Homes	—	—	—	—	—	—	—	—	—	—
(iii) attending independent schools under arrangements made by the Authority	—	—	—	—	—	—	—	—	—	—
TOTAL (C)	—	6	6	2	1	4	9	2	—	30
D. No. of Handicapped Pupils being educated under arrangements made under Section 56 of the Education Act, 1944—										
(a) in hospitals	—	—	—	—	—	—	—	—	—	—
(b) elsewhere	—	—	—	—	—	1	—	—	—	1
E. No. of Handicapped pupils from the area requiring places in special schools (including any such unplaced children who are temporarily receiving home tuition).	—	1	1	—	3	2	16	—	—	23

Number of children reported during the year :—

(a) under Section 57(3) (excluding any returned under (b))	—
(b) under Section 57(3) relying on Section 57(4)	—
(c) under Section 57(5)	1

of the Education Act, 1944.
Amount spent on arrangements under Section 56 of the Education Act, 1944, for the education of handicapped pupils in the financial year ended 31st March, 1952 £54

Uncleanliness

The average number of visits by nurses to school departments was 4. Total examinations numbered 24,868 and 511 individual children were found unclean.

The following percentages are interesting :—

Year	Percentage of average attendance found verminous	Percentage of average attendance excluded
1943	10.9	3.3
1944	8.9	3.4
1945	7.9	2.9
1946	5.7	2.8
1947	11.5	2.9
1948	10.7	2.4
1949	8.5	2.2
1950	8.8	2.5
1951	6.7	2.4
1952	5.8	0.9

CHILDREN AND YOUNG PERSONS ACT, 1933 EMPLOYMENT OF CHILDREN

NUMBER OF MEDICAL EXAMINATIONS BETWEEN 1st JANUARY, 1952 AND 31st DECEMBER, 1952.

Centre for Examination	No. of Children Examined	No. of Certificates Refused
Balmoral Gardens Gillingham	45	—
Health Centre, Rainham	11	—
Total	56	—

STATISTICAL TABLES

TABLE I
MEDICAL INSPECTION OF PUPILS ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS

A.—Periodic Medical Inspections

Number of inspections in the prescribed Groups :—

Entrants	1,325
Second Age Group	820
Third Age Group	544
Total	2,869
Number of other Periodic Inspections ...	1,284
Grand Total	3,973

B.—Other Inspections

Number of Special Inspections	2,021
Number of Re-Inspections	1,942
Total	3,963

C.—Pupils found to require treatment

Group (1)	For defective vision (excluding squint) (2)	For any of the other conditions recorded in Table IIA (3)	Total individual pupils (4)
Entrants	7	274	278
Second Age Group	39	68	106
Third Age Group	32	51	80
Total (prescribed groups)	78	393	464
Other Periodic Inspections	49	123	155
Grand Total	127	516	619

TABLE II

A. RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION
IN THE YEAR ENDED 31st DECEMBER, 1952

Defect or Disease (1)	PERIODIC INSPECTIONS		SPECIAL INSPECTIONS	
	No. of defects		No. of defects	
	Requiring treatment (2)	Requiring to be kept under observation, but not requiring treatment (3)	Requiring treatment (4)	Requiring to be kept under observation, but not requiring treatment (5)
Skin	—	3	92	8
Eyes—				
a. Vision	127	35	127	113
b. Squint	25	1	—	—
c. Other	11	2	209	23
Ears—				
a. Hearing	2	2	73	12
b. Otitis Media	2	1	—	—
c. Other	6	2	—	—
Nose or Throat	275	297	49	46
Speech	12	15	—	—
Cervical Glands	—	39	—	—
Heart and Circulation	3	34	4	7
Lungs	5	25	—	—
Developmental—				
a. Hernia	6	4	—	—
b. Other	3	2	3	3
Orthopaedic—				
a. Posture	10	13	—	—
b. Flat foot	20	27	—	—
c. Other	2	9	3	—
Nervous system—				
a. Epilepsy	—	2	—	—
b. Other	4	7	1	—
Psychological—				
a. Development	—	—	—	—
b. Stability	7	1	21	—
Other	521	453	652	370

TABLE III
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	1,325	1,165	87.9	156	11.8	4	0.3
Second Age Group	820	715	87.2	103	12.6	2	0.2
Third Age Group ...	544	526	96.7	18	3.3	—	0.0
Other Periodic Inspections ...	1,284	1,074	83.6	204	15.9	6	0.5
Total	3,973	3,480	87.6	481	12.1	12	0.3

TABLE IV.

TREATMENT OF PUPILS ATTENDING MAINTAINED
PRIMARY AND SECONDARY SCHOOLS
(INCLUDING SPECIAL SCHOOLS)

GROUP I.—DISEASES OF THE SKIN
(excluding uncleanliness, for which see Table VI.)

	Number of cases treated or under treatment during the year.	
	by the Authority	otherwise
Ringworm—(i) Scalp	2	—
(ii) Body	17	—
Scabies	3	—
Impetigo	70	—
Other skin diseases	84	—
Total ...	176	—

GROUP II.—EYE DISEASES, DEFECTIVE VISION AND SQUINT

	Number of cases treated	
	by the Authority	otherwise
External and other, excluding errors of refraction and squint	186	3
Errors of Refraction (including squint) ...	567	54
Total ...	753	57
No. of pupils for whom spectacles were		
(a) Prescribed	273	—
† (b) Obtained	277	—

† Including spectacles prescribed in 1951 and obtained in 1952.

GROUP III.—DISEASES AND DEFECTS OF EAR, NOSE AND THROAT

	Number of cases treated	
	by the Authority	otherwise
Received operative treatment		
(a) for diseases of the ear		—
(b) for adenoids and chronic tonsillitis		150
(c) for other nose and throat conditions		—
Received other forms of treatment ...	55	5
Total ...	55	155

GROUP IV.—ORTHOPAEDIC AND POSTURAL DEFECTS

	By the Authority	Otherwise
	(a) No. treated as in-patients in hospitals...	—
(b) No. treated otherwise, e.g. in clinics or out-patient departments		11

GROUP V.—CHILD GUIDANCE TREATMENT AND SPEECH THERAPY

	Number of cases treated	
	by the Authority	Otherwise
Pupils treated—		
(a) under Child Guidance arrangements		8
(b) under Speech Therapy arrangements		10
Total ...	—	18

GROUP VI.—OTHER TREATMENT GIVEN

	Number of cases treated	
	by the Authority	Otherwise
(a) Miscellaneous minor ailments	2497	20
(b) Catarrh, Sore Throats, Colds, etc. ...	—	3
(c) Ear defects	61	5
(d) Eye disease	186	1
Total ...	2744	29

TABLE V.

DENTAL INSPECTION AND TREATMENT CARRIED OUT
BY THE AUTHORITY

(1) Number of pupils inspected by the Authority's Dental Officer—	
(a) Periodic age groups	851
(b) Specials	1,692
Total (1) ...	1,543
(2) Number found to require treatment ...	3,212
(3) Number referred for treatment	3,212
(4) Number actually treated	3,535
(5) Attendances made by pupils for treatment	5,392
(6) Half-days devoted to : Inspection ...	6
Treatment ...	535
Total (6) ...	541
(7) Fillings : Permanent Teeth	2,383
Temporary Teeth	742
Total (7) ...	3,125
(8) Number of teeth filled: Permanent Teeth	2,001
Temporary Teeth	742
Total (8) ...	2,743
(9) Extractions : Permanent Teeth	660
Temporary Teeth	4,234
Total (9) ...	4,894
(10) Administration of general anasthetics for extraction	2,271
(11) Other operations : Permanent Teeth ...	498
Temporary Teeth ...	65
Total (11) ...	563

TABLE VI.
INFESTATION WITH VERMIN

(i)	Total number of examinations in the schools by the school nurses or other authorized persons	24,868
(ii)	Total number of individual pupils examined ...	9,295
(iii)	Total number of individual pupils found to be infested	511
(iv)	Number of individual pupils in respect of whom cleansing notices were issued (Section 54 (2), Education Act, 1944).	2
(v)	Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	—

