

[Report of the Medical Officer of Health for Hammersmith Borough].

Contributors

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TOWN HALL,

HAMMERSMITH, W.6.

*To the Mayor, Aldermen and Councillors of the
Metropolitan Borough of Hammersmith.*

MR. MAYOR, LADIES AND GENTLEMEN,—I submit to you the annual report on the health of the Borough for the year 1945.

This report is still controlled by instructions from the Ministry of Health and is in a very abridged form.

As is known to you, Dr. W. H. Brodie, the Medical Officer of Health, returned to his permanent work at Penang in the autumn and discontinued his duties in Hammersmith on the last day of September. It is not for me to enumerate his fine achievements whilst in the Borough, as these are probably better known to yourselves. Before Dr. Brodie left England, however, he had, so far as possible, geared the health services to a peace-time regime.

During the year the health of the Borough was remarkably good. The infant mortality rate was the lowest on record, except for the war-time years of 1939 and 1941, when the rate was calculated on a special birth figure supplied by the Registrar General. It is pleasing to be able to record also that only one maternal death took place. For the first time for over four years part of the year now reviewed deals with peace-time conditions.

The total number of deaths in the Borough was 110 less than in the previous year; this decrease is due to the war ending in May. The figures for air-raid deaths during 1944 were 188, as against only 29 in 1945. There was an increase in the number of infectious disease notifications of over 1,000 cases. This is explained by an epidemic of measles. There was also an increase in the number of cases of dysentery notified. In the majority of these cases

the causative organism was not isolated, but it is felt that an influenza virus may be responsible for some.

It is of interest to refer to the annual notifications of all forms of tuberculosis now that the war is over. Tuberculosis, particularly in its pulmonary form, is a fairly accurate barometer of the level of the people's standard of living. The figures for the last twenty-one years are therefore quoted :—

Year.					No. of Cases Notified.
1925	...	...	...	...	266
1926	...	...	...	...	278
1927	...	...	...	...	279
1928	...	...	...	...	261
1929	...	...	...	...	280
1930	...	...	...	...	250
1931	...	...	...	...	239
1932	...	...	...	...	228
1933	...	...	...	...	216
1934	...	...	...	...	215
1935	...	...	...	...	201
1936	...	...	...	...	196
1937	...	...	...	...	174
1938	...	...	...	...	192
1939	...	...	...	...	198
1940	...	...	...	...	167
1941	...	...	...	...	199
1942	...	...	...	...	200
1943	...	...	...	...	201
1944	...	...	...	...	214
1945	...	...	...	...	230

This trend can clearly be observed by referring to these figures. It will be noticed that the war-time rise in the number of annual notifications was maintained during 1945. The number of notified cases resident in the Borough is now greater than in any year since 1930. It is very pleasing to note, however, that the number of cases attending the Borough Council Clinic is greater than ever before, and is now 91 per cent. of the total resident in Hammersmith. In 1927 the attendance was approximately 50 per cent.

Epidemiologists have recently estimated that where a 75 per cent. figure for the immunisation of children against diphtheria has been reached, the community is in a relatively safe position so far as this disease is concerned. It is estimated in this Borough that the figure is now between 60-70 per cent. A new drive has been started by the Public Health Department and it is hoped by the end of 1946 that the percentage will be well in excess of 75 per cent.

We are passing through the transition stage between war and peace. The standard of living of the people is not at present satisfactory. Great advances in their health are unlikely to be seen until there is an improvement in the situation with regard to housing, food, shortage of hospital beds for infectious disease, maternity cases, etc.

It is pleasing to record that members of the staff, previously serving with H.M. Forces, are returning to their peace-time employment in the Department.

Dr. Brodie's thanks and my own are clearly due to the staff of the Department for their loyal support throughout the year.

I am, Your Worship, Ladies and Gentlemen,

Your obedient Servant,

F. M. DAY,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

General Statistics, 1945.

Area	... ..	2,282.5 acres
Population (1944) (estimated)	...	89,190
,, (1945)	,, ...	96,100
Population Census (1901)...	...	112,239
,, ,, (1911)...	...	121,521
,, ,, (1921)...	...	130,295
,, ,, (1931)...	...	135,521
Natural increase, <i>i.e.</i> , excess of births over deaths	... ..	434
Density of population (persons per acre)		42.11
Marriages registered	... ..	1,174
Rateable value (April, 1945)	... ..	£1,202,372
Sum represented by a penny rate (April, 1945)	... ..	£4,762

Vital Statistics.

Births (legitimate) ...1,532	} Birth rate	18.1
,, (illegitimate)... 210		
Stillbirths 40	{ Rate per 1,000 (live and still births)	22
Deaths (corrected) ...1,308		
Deaths of infants under one year of age per 1,000 births...	45
,, from cancer (all ages)	... ..	207
,, ,, whooping cough (all ages)	... ..	3
,, ,, diarrhoea (under 2 years of age)	... ..	15

Statistics.—The following table gives the statistics of the Borough during 1945 and previous years :—

Vital Statistics of Whole District during 1945 and Previous Years.

Year.	Population estimated to middle of each year.	Births.			Total Deaths Registered in the District.		Transferable Deaths		Nett Deaths belonging to the District.			
		Uncorrected Number.	Nett.		Number.	Rate.	Non-residents of District.	Residents registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.					Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1925	134500	2178	2351	17.5	1034	7.7	186	756	153	65	1604	11.9
1926	134400	2001	2188	16.3	1174	8.7	195	556	144	66	1535	11.4
1927	132800	1789	2076	15.6	1581	11.9	230	377	126	61	1728	13.0
1928	136300	1938	2258	16.6	1449	10.6	222	326	156	69	1553	11.4
1929	136900	1869	2162	15.8	1757	12.8	222	340	133	62	1875	13.7
1930	136900	1962	2173	15.9	1387	10.1	219	436	140	64	1604	11.7
1931	135100	1954	2073	15.3	1567	11.6	288	373	140	68	1652	12.2
1932	133700	1795	1940	14.5	1465	10.9	294	543	129	66	1714	12.8
1933	131400	1682	1827	13.9	1500	11.4	340	530	119	65	1690	12.9
1934	129170	1551	1783	13.8	1359	10.5	346	655	137	77	1668	12.9
1935	128100	1774	1877	14.7	1347	10.5	406	583	131	70	1524	11.9
1936	127700	2266	1922	15.1	1399	10.9	441	639	116	60	1597	12.5
1937	126500	2707	1913	15.1	1333	10.5	402	662	130	68	1593	12.6
1938	125100	2840	1874	15.0	1340	10.7	450	522	117	62	1412	11.3
* 1939	{ B122800 D116200	2214	1829	14.9	1311	11.2	362	442	77	43	1391	12.0
1940	98320	1733	1600	16.3	1725	17.5	370	401	76	51	1756	17.9
1941	84880	2480	1405	16.5	1315	15.4	351	364	52	41	1328	15.6
1942	89370	2735	1549	17.8	1270	14.2	356	338	94	59	1252	14.0
1943	92050	3941	1768	19.2	1278	13.9	365	387	102	58	1300	14.1
1944	89190	4178	1788	20.0	1447	16.2	418	389	95	53	1418	15.9
1945	96100	4884	1742	18.1	1464	15	423	267	78	45	1308	13.6

* B = Birth-rate Population Figure.
D = Death-rate " "

Causes of, and Ages at, Death during the Year, 1945.

CAUSE OF DEATH.	Sex.	0—	1—	5—	15—	45—	65—	Total all Ages.
1. Typhoid and Paratyphoid Fevers	M	—	—	—	—	—	—	—
	F	—	—	—	—	1	—	1
2. Cerebro-spinal Fever	M	—	—	—	—	1	—	1
	F	—	1	—	—	—	—	1
3. Scarlet Fever	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
4. Whooping Cough	M	—	—	—	—	—	—	—
	F	2	1	—	—	—	—	3
5. Diphtheria	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
6. Tuberculosis of Respiratory System	M	1	1	—	15	26	12	55
	F	—	1	—	19	5	2	27
7. Other forms of Tuberculosis	M	—	2	—	4	—	—	6
	F	—	—	1	2	2	—	5
8. Syphilitic Diseases	M	—	—	—	1	3	2	6
	F	—	—	—	1	4	2	7
9. Influenza	M	—	1	—	1	2	2	6
	F	—	—	—	—	2	1	3
10. Measles	M	—	1	—	—	—	—	1
	F	—	—	—	—	—	—	—
11. Ac. Polio-myelitis and Polio-encephalitis	M	—	—	—	1	—	—	1
	F	—	—	—	1	—	—	1
12. Ac. Inf. Encephalitis	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	1	1
13. Cancer of Buc. Cav. and Oesoph. (M), Uterus (F)	M	—	—	—	—	3	5	8
	F	—	—	—	1	7	4	12
14. Cancer of Stomach and Duodenum	M	—	—	—	1	9	7	17
	F	—	—	—	—	3	13	16
15. Cancer of Breast	M	—	—	—	—	—	—	—
	F	—	—	—	1	12	7	20
16. Cancer of all other sites	M	—	—	—	2	36	47	85
	F	—	—	—	3	11	35	49
17. Diabetes	M	—	—	—	1	—	2	3
	F	—	—	—	1	—	—	41
18. Intra-cranial vascular Lesions	M	—	—	—	1	12	36	9
	F	—	—	—	3	17	39	59
19. Heart Disease	M	—	—	—	5	34	117	156
	F	—	—	—	5	17	117	139
20. Other Diseases of Circ. System	M	—	—	—	1	8	13	22
	F	—	—	—	—	3	23	26
21. Bronchitis	M	—	1	—	2	18	31	52
	F	2	—	—	3	12	25	42
22. Pneumonia	M	9	1	—	2	15	25	52
	F	7	1	1	2	5	24	40
23. Other Respiratory Diseases	M	—	1	—	1	5	5	12
	F	—	—	—	—	2	2	4
24. Ulcer of Stomach or Duodenum	M	—	—	—	2	5	8	15
	F	—	—	—	—	2	2	4
25. Diarrhoea under 2 years	M	8	2	—	—	—	—	10
	F	4	1	—	—	—	—	5
26. Appendicitis	M	—	—	—	—	—	—	—
	F	—	—	—	—	2	1	3
27. Other Digestive Diseases	M	—	—	—	2	4	7	13
	F	—	—	—	—	5	6	11
28. Nephritis	M	—	—	—	2	3	9	14
	F	—	—	—	—	5	5	10
29. Puerperal and Post-abortive Sepsis	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
30. Other Maternal causes	M	—	—	—	—	—	—	—
	F	—	—	—	1	—	—	1
31. Premature Birth	M	5	—	—	—	—	—	5
	F	1	—	—	—	—	—	1
32. Con. Mal. Birth Injuries Infant Dis.	M	18	—	—	—	—	—	18
	F	15	1	—	1	1	1	19
33. Suicide	M	—	—	—	1	4	1	6
	F	—	—	—	3	1	—	4
34. Road Traffic Accidents	M	—	—	1	5	1	1	8
	F	—	1	1	1	—	2	5
35. Other violent causes	M	5	3	6	11	8	6	39
	F	1	6	3	10	3	12	35
All other causes	M	—	—	—	4	8	30	42
	F	—	—	—	5	9	37	51
Totals of all causes	M	46	13	7	65	205	366	702
	F	32	13	6	63	131	361	606
		78	26	13	128	336	727	1,308

MATERNITY AND CHILD WELFARE.

The following table gives the number of births and deaths of infants and the rate per 1,000 births since 1906 :—

Year.	Births.	Deaths of Infants.	Deaths of Infants per 1000 births.
Average 1906-1913	3000	359	117
„ 1914-1923	2639	230	88
„ 1924-1933	2145	141	66
1934	1783	137	77
1935	1877	131	70
1936	1922	116	60
1937	1913	130	68
1938	1874	117	62
1939	1829	77	43*
1940	1600	76	51†
1941	1405	52	41‡
1942	1589	94	59
1943	1768	102	58
1944	1788	95	53
1945	1742	78	45

* Rate calculated on a birth figure supplied by the Registrar-General of 1,781.

† Rate calculated on a birth figure supplied by the Registrar-General of 1,501.

‡ Rate calculated on a birth figure supplied by the Registrar-General of 1,253.

INFANT MORTALITY, 1945.

Infantile Mortality during the year 1945. Nett deaths at various ages under one year of age.

Under 1 week	...	...	...	...	...	32
1-2 weeks	...	...	...	...	...	3
2-3 weeks	...	...	...	...	...	2
3-4 weeks	...	...	...	...	...	6
4 weeks and under 3 months	...	...	...	...	...	10
3 months and under 6 months	...	...	...	...	...	15
6 months and under 9 months	...	...	...	...	...	6
9 months and under 1 year	...	...	...	...	...	4
						—
Total deaths under 1 year	...	...	...	...	...	78

NETT BIRTHS IN THE YEAR : Legitimate, 1,532 ; Illegitimate, 210.
NETT DEATHS IN THE YEAR : Legitimate Infants 62 ; Illegitimate Infants, 16.

Visits paid by Health Visitors are enumerated below :—

No. of visits	...	...	...	...	...	26,606
No. of ineffective visits	...	...	...	...	...	3,990
						—
Total No. of effective visits	...	...	...	...	...	22,616
						—
Attendances at Infant Welfare Centres	...	...	...	...	...	1,058
Attendances at Ante-Natal Clinics	...	...	...	...	...	1,025
Attendances at Tuberculosis Clinics	...	...	...	...	...	302

Schedule of Attendances at Infant Welfare Centres and Ante-Natal Clinics.

Address of Clinic.	No. of Clinics	NEW CASES.				TOTAL ATTENDANCES.			
		Mothers.		Children.		Mothers.		Children.	
		Ante-natal.	Post-natal.	Under 1 yr.	Over 1 yr.	Ante-natal.	Post-natal.	Under 1 yr.	Over 1 yr.
48, Glenthorne Rd.	150	—	—	388	133	—	—	4,586	2,568
	95	443	13	—	—	2,659	31	—	—
Becklow Gardens	251	—	—	599	137	—	—	9,212	4,027
	244	672	24	—	—	3,898	26	—	—
Milson Road ...	150	—	—	307	65	—	—	4,706	2,627
	98	334	1	—	—	2,173	10	—	—
Old Oak, Westway	152	—	—	238	25	—	—	4,643	2,095
	101	288	33	—	—	1,719	38	—	—
Latimer Road ...	50	—	—	99	7	—	—	1,445	699
	50	140	14	—	—	890	17	—	—
College Park ...	52	—	—	36	11	—	—	807	488
Totals ...	1,393	1,877	85	1,667	378	11,339	122	25,399	12,504

Ante-natal Clinics, Number of Sessions held... 588

Infant Consultations, ,, ,, ,, ,, ... 805

1,393

The average attendance at Infant Welfare Centres = 47.

During the year 232 cases received massage treatment, the total number of treatments being 1,855.

Milk for Expectant Mothers and Children.—During the year the scheme by which the Council provide free one pint of milk a day for all expectant mothers and children under five where the family income does not exceed 10s. 0d. more than the scale of the Ministry of Food entitling them to free milk was continued.

13,755 quarts of liquid milk and 3,908 packets of dried milk were supplied under the scheme during the year.

Dinners.—Free dinners are supplied by the Council to expectant mothers and children under five recommended by the Assistant Medical Officers through the Londoners' Meals Service at Communal Dining Centres in the Borough.

MATERNAL DEATHS.

The following table gives the number of Maternal Deaths since 1924 :—

Year.	Number of Deaths.		Number of live Births.	Maternal Death Rate.
	Puerperal Sepsis.	Other Accidents of Pregnancy.		
Average 1924-1933	4	4	2,145	3.5
1934	4	5	1,783	5.0
1935	1	1	1,877	1.1
1936	1	2	1,922	1.6
1937	1	3	1,913	2.1
1938	—	2	1,874	1.1
1939	1	1	1,829	1.0
1940	—	—	1,600	—
1941	1	1	1,405	1.5*
1942	—†	3	1,589	1.9
1943	2	1	1,768	1.6
1944	1	1	1,788	1.08
1945	—	1	1,742	0.56

* Rate calculated on a (live and still) birth figure supplied by the Registrar-General of 1,289.

† 1 death from puerperal sepsis not counted as "Maternal death."

War-time Day Nurseries.—The following particulars show the daily average attendance for each month at the six nurseries now in operation :—

1945.	Brook Green. Accomdn. 83.	Dalling Rd. Accomdn. 70.	Australia Rd. Accomdn. 70.	Uxbridge Rd. Accomdn. 65.	Westway. Accomdn. 50.	Latimer Rd. Accomdn. 36.
	Mon. to Fri.	Mon. to Fri.	Mon. to Fri.	Mon. to Fri.	Mon. to Fri.	Mon. to Fri.
Jan.	62	46	51	55	32	27
Feb.	58	56	58	54	21	25
Mar.	51	57	31	37	26	20
April	66	62	60	52	36	30
May	69	62	66	57	38	32
June	69	64	70	56	48	34
July	69	63	69	58	48	31
Aug.	72	63	62	49	41	29
Sept.	73	60	68	57	40	22
Oct.	74	62	66	59	40	27
Nov.	68	65	56	55	39	26
Dec.	65	61	57	51	39	26

The nurseries are open until 12 noon Saturday, and the attendances then are much below the average.

CHILD LIFE PROTECTION.

Public Health (London) Act, 1936.

At the end of the year there were 32 foster-children being cared for in the Borough, and 28 names on the list of foster-mothers.

The Health Visitors are responsible for visiting the homes of all foster-children in their various districts.

During the year 8 foster-mothers were removed from the register for various reasons and 13 new foster-mothers were registered.

A summary of the work carried out during the year under review follows:—

FOSTER-MOTHERS.

No. of Foster-Mothers on Register December 31st, 1945	...	...	28
" " Recommended for Registration	...	...	13
" " removed from Register	...	...	8
(1) Removed from Borough	...	...	1
(2) Adopted Children	...	...	—
(3) Unsuitable	...	...	3
(4) 9 years of age	...	...	—
(5) Temporarily approved	...	...	—
(6) No further Foster-Children required	...	...	2
(7) Illness of Foster-Mothers	...	...	2
(8) Lack of accommodation	...	...	—
(9) Mother living at address	...	...	—
(10) Evacuated with Child	...	...	—
(11) Child evacuated	...	...	—
" Applications for Registration received but not Recommended			—

FOSTER-CHILDREN.

No. of Foster-Children on Register December 31st, 1945	...	...	32
" " received by Foster-Mothers	...	...	29
" " moved from Foster-Mothers	...	...	21
(1) To Foster-Mothers	...	...	5
(2) To Parents or Guardians	...	...	13
(3) To Institutions	...	...	—
(4) Adopted	...	...	1
(5) Children removed from Borough with Foster-Mother	...	...	1
(6) Foster-Children who have reached the age of 9 years during the Year	...	...	—
(7) Evacuated to Residential Nursery	...	...	1
(8) No payment now received	...	...	—

VISITS.

No. of visits to Registered Foster-Mothers	282
--	-----	-----	-----

SANITARY CIRCUMSTANCES OF THE BOROUGH.

The following table shows the number of visits made by the Sanitary Inspectors, and the number of Preliminary Notices served and complied with during the year :—

Cause of Inspection.	No. of Inspections.	No. of Notices served.	No. of Notices com- plied with.
Bakehouses	58	2	3
Cancer	5	—	—
Complaints	4,242	2,125	1,421
Drainage	1,362	22	21
Factories (Mechanical)	154	12	10
Factories (Non-mechanical)	29	1	1
Food (other than Restaurants and Eating Houses)	1,475	25	15
Housing Act	386	30	21
Ice Cream Vendors	237	3	3
Infectious Diseases	1,938	36	19
Licences (Building)	3,076	7	5
Markets	839	1	1
Milk Vendors	318	12	9
Outworkers	205	2	—
Pharmacy and Medicines Act	71	—	—
Public Urinals	60	2	1
Rats and Mice	1,394	129	89
Requisitioning of Houses	140	—	—
Restuarants and Eating Houses	108	4	5
Scabies	983	9	4
Shelters (A.R.P.)	11	—	—
Shops Act	19	2	3
Slaughterhouses	3	—	—
Smoke Observations	7	3	—
War Damage	186	63	44
Miscellaneous	1,577	59	35
Re-visits	5,745	282	201
No Answer	2,809	—	—
	27,437	2,831	1,911
No. of Ineffective Visits	2,809	—	—
Total	24,628	2,831	1,911

During the year 664 Statutory Notices were served and 442 complied with.

INCREASE OF RENT AND MORTGAGE RESTRICTIONS ACT, 1920/1939.

During the year 14 applications were received for certificates under the above Act, and in 8 cases certificates were granted.

This total includes three applications from owners, two of which were issued as the work specified had been completed satisfactorily.

SUMMONSES—YEAR 1945.

The following table shows the number of proceedings instituted during the year :—

Public Health (London) Act, 1936	19
Rats and Mice (Destruction) Act, 1919	1
Food and Drugs Act, 1938	8
Housing Act, 1936, and L.C.C. Byelaws	4

1.—INSPECTION OF FACTORIES.

Premises	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories (with Mechanical Power)	154	12	—
Factories (without Mechanical Power)	29	1	—
Total	183	13	—

2.—DEFECTS FOUND IN FACTORIES, ETC.

Particulars	Number of Defects			Number of Prosecutions
	Found	Re-medied	Referred to H.M. Inspector	
Want of Cleanliness	3	6	—	—
Unreasonable Temperatures	—	—	—	—
Inadequate Ventilation	—	—	—	—
Overcrowding	—	—	—	—
Ineffective Drainage of Floors	—	—	—	—
Sanitary	—	—	—	—
Conveniences	5	3	—	—
insufficient	—	—	—	—
unsuitable or defective	—	—	—	—
not separate for sexes	—	—	—	—
<i>Offences—Factories Act—</i>				
Illegal occupation of underground bakehouse	—	—	—	—
Other Offences	1	1	—	—
(excluding offences relating to out-work which are included in Part 3 of this report)				
Total	9	10	—	—

3.—OTHER MATTERS RELATING TO FACTORIES.

Class.	Number.
Matters notified to H.M. Inspector of Factories—	
Failure to affix Abstract of the Factories Act 1937 (Sec. 2)	—
Action taken under Public Health Acts in matters referred by H.M. Inspector	{ Notified by H.M. Inspector
	{ Reports of action taken sent to H.M. Inspector
Other	—
Underground bakehouses (Sec. 54)—	
Certificates granted during year	—
In use at the end of the year	16

RATS AND MICE DESTRUCTION ACT.

The operation of the "Block Control" scheme, which commenced in 1944, was completed during the year. This scheme entailed making enquiries at practically all premises in the Borough and resulted in the discovery of many unreported infestations and the destruction of a large number of rats.

In March, the Council decided to discontinue charging occupiers of private dwellings for baiting work carried out, and this policy has greatly facilitated the work. Occupiers of business premises are mostly quite willing to pay the cost of baiting and little difficulty in recovering these charges has been experienced.

It was not found necessary to retain three men exclusively on rodent work after 25th June, and one man was accordingly transferred to other duties. The operatives work under the supervision of the Sanitary Inspectors.

The following is a summary of the baiting work, &c., carried out:—

1. BLOCK CONTROL SCHEME.	
No. of premises baited where cost of work has been paid	203
No. of premises baited where cost of work is outstanding	12
No. of premises baited free of charge	83
2. INDIVIDUAL INFESTATION.	
No. of premises baited where cost of work has been paid	62
No. of premises baited where cost of work is outstanding	1
No. of premises baited free of charge	191
Total number of premises baited	552

The number of baits laid at each premises varies according to the size of the premises and the degree of infestation.

The baiting of each premises entails an average of fourteen visits by the rodent operative.

No. of Statutory Notices served under the Act	...	...	74
No. of premises for which application was made to the Minister of Food under the Infestation Order, 1943, to treat the " Owners " as " Occupiers " for the purpose of the Act	...	...	5
No. of cases in which proceedings were taken to recover the cost of work carried out upon default of the Occupier	...	...	1

CERTIFICATES OF ESSENTIALITY AND BUILDING LICENCES.

During the year the Control of Building Operations (No. 5) Order, 1945, dated 30th June, 1945, made by the Minister of Works under Regulation 56A and the Defence (General) Regulations, 1939, came into force.

The Order contained provisions applicable during the month of July, 1945, and provisions applicable as from 1st August, 1945. Under the Order work could be carried out on any single property without licence to the extent of two pounds per month, in addition to which, a further sum of ten pounds could likewise be expended during the period 1st August, 1945, to 31st January, 1946. The monthly sum of two pounds was not cumulative. Work to private dwellings by unpaid labour could be carried out without licence and the cost of any materials used by such unpaid labour was disregarded. Apart from these exemptions, no building work could be carried out without licence.

The Sanitary Inspectors have continued to investigate and report upon all applications received. The number of applications received during the year was 2,265.

LANDLORD AND TENANT (WAR DAMAGE) (AMENDMENT) ACT, 1941.

Applications for certificates of fitness for housing purposes are dealt with by the Senior Sanitary Inspector. Sixteen certificates were issued during the year. The small number of applications received is evidence of the large amount of agreement which has been arrived at between tenants and landlords without recourse to the courts.

EXHUMATION AND RE-INTERMENT OF BODIES.

During the year four Licences were granted by the Secretary of State for the exhumation and removal of bodies from graves in St. Mary's Catholic Cemetery, Harrow Road, but in one case the removal was not effected.

FOOD SUPPLIES.

Unsound Food.

A quantity of unsound food was voluntarily surrendered during the year of which a large proportion was salvaged for use as animal and chicken food or recovery of fats for trade purposes other than for human consumption.

FOOD AND DRUGS ACT, 1938.

800 samples of various food and drugs were submitted to the Public Analyst during the year by the Council's Sampling Officer for analysis; 70 were found to be inferior and 13 were adulterated. Legal proceedings were taken in respect of 5 adulterated samples, and penalties and costs amounting to £25 2s. 0d. were imposed.

MILK (SPECIAL DESIGNATIONS) REGULATIONS, 1936-1945, AND REGULATION 55G OF THE DEFENCE (GENERAL) REGULATIONS, 1939.

In addition to those taken under the Food and Drugs Act, 1938, 142 samples of milk sold as "Pasteurised," "Tuberculin Tested Pasteurised," "Tuberculin Tested," "Sterilised" and "Heat Treated" were taken under the above Regulations and submitted for bacteriological examination, the phosphatase test and the methylene blue test. 27 of these samples were taken direct from milk processing plants using the high temperature short-time method of pasteurisation and which are installed and licensed in the Borough.

PUBLIC MORTUARY, AND CIVILIAN WAR DEATHS MORTUARY.

Seven hundred and two bodies were admitted to the Public Mortuary during the year :—

Hammersmith Public Mortuary :—

Admitted by order of Coroner	291	
Admitted by order of Police	18	
Admitted on application of undertakers for accommodation	41	
War operations	29	
	379	

Bodies admitted from other Boroughs :—

Fulham	83	
Chelsea	228	
Kensington	12	
	323	
	702	

No. of P.-M. examinations conducted :—

Hammersmith cases	288	
Fulham ,,	79	
Chelsea ,,	221	
Kensington ,,	12	
Total P.-M.s	600	

No. of Inquests held :—

Hammersmith cases	104	
Kensington ,,	90	
Fulham ,,	55	
Chelsea ,,	61	
Total Inquests held	310	

There were no admissions to the C.D. Emergency Mortuary, Ravenscourt Square, W.6, or the Civilian War Deaths Mortuary, Blomfontein Road, W.12.

INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS).

Infectious Diseases.—There were, omitting tuberculosis, 2,922 cases reported as due to notifiable infectious diseases in the Borough, against 1,810 in the previous year. There were also reported 572 cases of infectious diseases that were not notified, against 349 in the previous year; 380 of these were *Measles, 25 *Whooping Cough, 56 *Scabies and 111 Chickenpox.

*Totals (notified cases and cases reported from other sources)—Measles 1,442, Scabies 1,301 and Whooping Cough 108.

BACTERIOLOGY.

During the year the following 832 bacteriological examinations were made on behalf of the Council:—

Specimen.	Positive.	Negative.	Total.
Swab for or suspected cases of Diphtheria	5	731	736
Blood for suspected cases of Typhoid or Paratyphoid Fever	—	1	1
Miscellaneous	24	71	95
	29	803	832

The miscellaneous specimens consisted of 35 swabs for haemolytic streptococci and 60 faeces.

Cases of Infectious Disease notified during the year 1945.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.												
	At all Ages.	AGE PERIODS.											
		Under 1	1	2	3	4	5	10	15	20	35	45	65
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera, Plague	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria(including Membranous Croup)	46	2	6	1	1	4	12	7	4	6	2	1	—
Erysipelas	20	1	—	—	—	—	—	—	1	2	3	6	7
Scarlet Fever	182	4	10	15	13	40	59	26	7	7	—	1	—
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	3	—	—	—	—	—	—	—	—	2	1	—	—
Relapsing Fever, Continued Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	26	—	—	—	—	—	—	—	2	21	3	—	—
Puerperal Pyrexia	23	—	—	—	—	—	—	—	—	19	4	—	—
Cerebro-Spinal Meningitis	9	1	2	2	—	—	1	—	1	1	—	1	—
Polio-myelitis	4	—	—	—	—	—	2	1	—	1	—	—	—
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum...	14	14	—	—	—	—	—	—	—	—	—	—	—
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	49	5	5	—	3	1	3	—	—	3	7	8	14
Malaria	5	—	—	—	—	—	—	—	—	5	—	—	—
Dysentery	143	14	25	13	10	10	31	8	3	15	5	4	5
Food Poisoning	8	—	—	—	—	—	—	—	—	4	—	2	2
Measles	1,062	63	138	172	130	131	384	22	5	17	—	—	—
Whooping Cough	83	15	16	17	14	6	13	1	1	—	—	—	—
Scabies	1,245	26	32	42	35	42	163	127	142	384	126	96	30
TOTALS	2,922	145	234	262	206	234	668	192	166	487	151	119	58

Deaths from the Seven Principal Zymotic Diseases.—

The total number of deaths of residents registered from the seven principal zymotic diseases was 20 against 26 in the previous year. The deaths of residents from these diseases were equal to 15 per 1,000 of the total deaths of residents registered and were at the rate of 0.20 deaths per 1,000 persons living.

The following table shows the deaths of residents registered from the seven principal zymotic diseases which occurred in the ten years, 1936 to 1945 :—

Year.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria.	Whooping Cough.	Enteric Fever.	Diarrhoea.	Total.
1936	0	15	3	5	7	2	25	57
1937	0	0	1	12	9	2	29	53
1938	0	5	0	5	4	0	36	62
1939	0	0	0	4	3	0	17	24
1940	0	1	0	3	0	0	44	48
1941	0	0	0	5	5	1	40	51
1942	0	0	0	1	8	0	40	49
1943	0	2	0	0	9	0	37	48
1944	0	0	0	3	5	1	17	26
1945	0	1	0	0	3	1	15	20
Average last 10 yrs.	0	3	1	4	5	1	30	44

Notifiable Diseases (other than Tuberculosis) during the Year 1945.

DISEASE.	Total cases notified.	Cases admitted to Hospital.	Total deaths.
Diphtheria	46	45	—
Erysipelas	20	10	—
Scarlet Fever	182	98	1
Enteric Fever	3	3	1
Puerperal Fever	26	26	}
Puerperal Pyrexia	23	23	
Cerebro-Spinal Meningitis ...	9	9	2
Encephalitis Lethargica ...	—	—	—
Ophthalmia Neonatorum ...	14	8	—
Pneumonia (Acute Primary and Influenzal)	49	—	†92
Dysentery	143	120	—
Poliomyelitis	4	4	2
Malaria	5	3	—
Food Poisoning	8	2	—
*Measles	1,062	131	1
*Whooping Cough	83	29	3
*Scabies	1,245	—	—
TOTALS	2,922	511	102

*This is not total brought to notice of Department.

†Deaths from all forms of Pneumonia.

DIPHTHERIA IMMUNISATION.

The immunisation of children at the Borough Welfare Centres and by L.C.C. doctors at the Schools continued during 1945.

The following are the particulars of the work carried out under the immunisation scheme during the year :—

Number of children immunised at the Council's Welfare Centres	1,320
Number of children immunised at schools by L.C.C.	231
Number of children immunised by local medical practitioners	31
Number of Schick Tests—positive result	1
Number of Schick Tests—negative result	61
<i>Fees paid to Medical Practitioners ...</i>	<i>£8 17s. 0d.</i>

TUBERCULOSIS.

Tuberculosis.—Two hundred and thirty cases of Tuberculosis were reported during the year, two hundred and seven of which were Pulmonary and twenty three being other forms of Tuberculosis, against two hundred and fourteen cases in the previous year.

PART I. SUMMARY OF NOTIFICATIONS DURING THE PERIOD FROM THE 1ST JANUARY, 1945, TO THE 31ST DECEMBER, 1945.

Age Periods.	Formal Notifications.											Total (all ages)
	Number of Primary Notifications of new cases of Tuberculosis.											
	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	
Pulmonary Males	1	2	—	5	9	14	18	19	15	15	9	107
Pulmonary Females	—	6	1	3	12	30	25	9	5	6	3	100
Non-Pulmonary Males	—	2	1	2	2	1	1	—	2	—	—	11
Non-Pulmonary Females	—	2	1	1	2	2	1	1	1	—	1	12

PART II. SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the above-mentioned period, otherwise than by formal notification.

Age Periods.	0-	1-	5-	10-	15-	20-	25-	35-	45-	55-	65-	Total
Pulmonary Males	—	1	1	1	1	5	6	4	3	3	3	28
Pulmonary Females	—	—	—	3	4	5	10	6	—	—	—	31
Non-Pulmonary Males	—	—	—	2	1	1	2	—	—	—	—	6
Non-Pulmonary Females	—	—	4	—	1	2	—	—	—	—	—	7

The following table has been prepared, giving particulars of new cases of tuberculosis and of deaths from tuberculosis during 1945 :—

Age Periods.	NEW CASES.				DEATHS.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M.	F.	M.	F.	M.	F.	M.	F.
0-	1	—	—	—	1	—	—	—
1-	3	6	2	2	1	1	2	—
5-	7	7	5	6	—	—	—	1
15-	29	51	5	7	} 15	19	4	2
25-	24	35	3	1				
35-	23	15	—	1	} 26	5	—	2
45-	18	8	2	1				
55-	18	6	—	—				
65 and on ...	12	3	—	1	12	2	—	—
TOTAL ...	135	131	17	19	55	27	6	5

The ratio of non-notified tuberculosis deaths to the total tuberculosis deaths is 1 to 7.

The following table indicates the number of cases and deaths from Tuberculosis :—

Year.	No. of Cases notified.			No. of Deaths.	No. of Cases on Dispensary Register.	No. of Cases on Register of Notifications.
	Pulmonary.	Non-Pulmonary.	Total.			
1926	210	68	278	142	824	1,302
1927	226	53	279	182	686	1,289
1928	205	56	261	135	744	1,308
1929	217	63	280	149	818	1,334
1930	196	54	250	153	803	1,293
1931	183	56	239	127	905	1,198
1932	183	45	228	156	763	1,128
1933	185	31	216	150	749	1,056
1934	184	31	215	124	715	1,070
1935	170	31	201	119	759	1,059
1936	156	40	196	116	805	1,063
1937	141	33	174	106	834	1,068
1938	155	37	192	87	824	859
1939	165	33	198	107	887	889
1940	143	24	167	118	791	813
1941	160	39	199	103	812	828
1942	169	31	200	104	935	963
1943	177	24	201	72	1,044	1,097
1944	192	22	214	93	1,098	1,184
1945	207	23	230	93	1,176	1,282

Eighty-two deaths from Pulmonary Tuberculosis were registered, against eighty-four in the previous year, representing a death-rate of 0.85 per 1,000 compared with 0.94 in 1944 and 0.65 in 1943.

Figures for the years 1927-45 showing the interval between notification and death of tuberculous persons are as under:—

	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.	1936.	1937.	1938.	1939.	1940.	1941.	1942.	1943.	1944.	1945.
1. Total number of deaths from Tuberculosis in the Borough ...	181	135	149	153	127	156	150	124	119	116	106	87	107	118	103	104	72	93	93
2. The number of cases notified at death ...	—	7	3	7	2	6	13	5	11	6	8	8	5	9	10	22	14	26	13
3. The number of cases notified within one month of death (excluding above) ...	25	17	32	18	16	21	17	21	11	20	16	13	12	11	13	16	10	6	13
4. The number of cases notified within three months of death (excluding above) ...	23	13	18	21	14	17	17	9	8	7	11	6	3	10	10	8	5	9	6
5. The number of cases notified within six months of death (excluding above) ...	18	9	8	9	14	15	16	11	11	7	8	5	5	11	6	3	3	6	10

Average number of cases notified for the 10 years 1926-1935 (inclusive)=245.

Average number of cases notified for the 10 years 1936-1945 (inclusive)=197.

Average number of deaths for the 10 years 1926-1935 (inclusive)=144.

Average number of deaths for the 10 years 1936-1945 (inclusive)=100.

BACTERIOLOGY.

The following bacteriological examinations were made on behalf of the Council:—

Sputa from cases of suspected Tuberculosis—				
Tubercle bacillus found...	...	...	...	83
Tubercle bacillus not found	...	...	...	625
Pleural Fluid—				
Positive results ...	...	...	...	5
Negative results	...	...	...	11
Urine—				
Negative results	...	...	...	4
Blood Counts	...	...	...	18

TUBERCULOSIS DISPENSARY.—The work of the Tuberculosis Dispensary was continued at the Hammer-smith Hospital under the arrangement made with the London County Council and the British Post-Graduate Medical School. Five sessions, at which patients are seen by appointment, are held each week.

New Patients.—During the year 894 persons attended for examination for the first time, 395 males and 499 females. Of these 186 were under the age of fifteen and 708 were adults. Of the total 498 were referred to the clinic by local practitioners for the purpose of consultation, 23 by the National Service Medical Boards and 38 by mass Radiography Groups. Two hundred and thirty-one were "contacts" of persons suffering from tuberculosis. Of the "contacts" examined 11 were definitely cases of tuberculosis, whilst 220 were non-tuberculous. Of the 38 cases referred to the Clinic by mass Radiography Groups, 23 had active disease.

Total Attendances and Examinations.—The total attendances of persons for the purpose of examination, observation or treatment, numbered 4,638, and physical examinations were carried out in 2,785 instances, *i.e.*, in 60 per cent. of the total attendances.

Home Visitation.—The Tuberculosis Officer made 8 visits to homes of patients for the purpose of examination and investigation of the home conditions.

The Health Visitors visit cases of tuberculosis on notification, and thereafter as far as possible at intervals of six months or less, as may appear advisable. During the year 2,579 such visits were made, of which 239 were ineffective.

During the year 64 definite cases were transferred from other areas into the Borough and 58 moved out or were lost sight of. Twelve were written off the register as being cured.

Mass Radiography.—The campaign for the early detection of symptomless tuberculosis was continued during the year by miniature mass-radiography units and one such unit was provided by the London County Council at St. Luke's Hospital, Chelsea.

A number of the large industrial undertakings in the Borough were again invited to allow their employees to undergo examination by the unit, transport to and from Chelsea being provided by the Borough Council.

The managements of the firms proved very co-operative and in all 4,396 men and women submitted themselves to examination. This compares with 2,444 examinations in 1943.

The following particulars give the results of the examinations :—

Total examined.	Referred for large films.	Did not re-attend.	No abnormality.	Calcd. and other lesions N.F.A.	Referred to General Practitioners.			Further Investigation Pending.
					Probably Tuberculous.	Probably Not Tuberculous.	Cardio. Vasc.	
4,396	118	4	21	35	44	4	8	2

These are satisfactory figures for one year in the present stage of our mass-radiography campaign, but it must be pointed out that this Borough is not visited yearly by L.C.C. mass-radiography teams on account of shortage of staff and mobile units.

Until recently the R.A.M.C. were in possession of various such units, and it is to be hoped that the County Council's organisation will be able to give this Borough considerably more attention than it has received up to the present time.

Tuberculosis Allowances.—The Government scheme for the payment of allowances to persons suffering from pulmonary tuberculosis who have to give up remunerative employment to undergo treatment continued during year 1945.

The total number of cases considered was 775—86 of which were new ones. Of the new cases, 55 received maintenance grants only, 18 maintenance grants plus discretionary allowances and 13 special allowances. 689 cases were reviewed owing to changed circumstances. The total money paid to patients during the year amounted to £6,180 3s. 7d.

CLEANSING OF VERMINOUS PERSONS.

The Medicinal Baths in Scotts Road, Shepherd's Bush, provide for the treatment of cases of Scabies, Impetigo and the cleansing of verminous persons, &c.

In July, 1943, a circular (2831) was issued by the Ministry of Health dealing with infestations by head lice and certain lines of action were suggested. Generally, these lines have been followed.

Special attention has been given to this question by the Doctors and Health Visitors in the Welfare Centres and by the Matrons in the day nurseries and examinations of the children's heads have been carried out during routine inspections to discover any infestations. Mothers have been advised as to the best methods of eradication and of preventing recurrence of the trouble. Families known to be in need of special attention have been frequently visited by the Health Visitors, and infested school children, together with their contacts of pre-school age, have been followed up in the home.

Facilities for cleansing at the Council's Medicinal Baths have been made available in all cases and the opportunity given to purchase at cost price special combs.

Figures showing the number of cases dealt with at the Baths during the year are as under :—

School Children—Hammersmith.

Scabies	2,141
Verminous	1,555
Impetigo	54

School Children—Non-Hammersmith.

Nil.

Children under Five Years—Hammersmith.

Scabies	561
Verminous	74
Impetigo	11
Other Conditions	8

Children under Five Years—Non-Hammersmith.

Nil.

Adults—Hammersmith.

Scabies	2,090
Verminous	166
Impetigo	6

Adults—Non-Hammersmith.

Verminous	7
------------------	---

Lodging-houses.

Scabies	19
Verminous	214

VACCINATION.

The duties under the Vaccination Acts and the Vaccination Order were carried out by the Public Health Department.

The Return for 1944 shows that 1,984 Infants were vaccinated, this being 67.51 per cent. of the Births compared with 71.28 per cent. in 1943.

No proceedings under the Vaccination Acts were instituted.

VACCINATION RETURNS.

RETURN FOR 1944.

Registration Sub-Districts comprised in the Vaccination Officers' District	Number of Births returned in the "Birth List Sheets" as regis- tered from 1st January to 31st Dec., 1944	Number of these Births duly entered by 31st January, 1946, in Columns I, II, IV and V of the "Vaccination Register" (Birth List Sheets), viz.:					Number of these Births which on 31st January, 1946, remained unentered in the "Vaccination Register" on account (as shown by Report Book) of			Number of these Births remaining on 31st January, 1946, neither duly entered in the "Vaccination Register" (columns 3, 4, 5, 6 and 7 of this Return) nor tempo- rarily accounted for in the "Report Book" (columns 8, 9 and 10 of this Return)	Number of Certi- ficates of Successful Primary Vaccina- tion of children under 14 years received during the calendar year 1945	Number of Statutory Declarations of Con- scientious Objection actually received by the Vaccination Officer irres- pective of the dates of birth of the children to which they relate during the calendar year 1945
		Col. I Success- fully Vacc- inated	Col. II		Col. IV. Number in respect of whom Certi- ficates of Con- scientious Objection have been received	Col. V Dead, Unvac- cinated	Post- pone- ment by Medi- cal Certi- ficate	Removal to Districts, the Vaccina- tion Officer of which has been duly apprised	Removal to Places unknown or which cannot be reached; and Cases not having been found			
			Insus- ceptible of Vac- cination	Had Small- Pox								
1	2	3	4	5	6	7	8	9	10	11	12	13
1. North Hammersmith...	287	121	—	—	65	10	—	3	15	73	112	49
2. Hammersmith Hospital	1,681	831	2	—	250	67	—	207	136	188	890	276
3. South Hammersmith...	196	70	—	—	32	7	—	1	7	79	82	37
4. Queen Charlotte's Hospital	1,784	962	1	—	214	58	—	449	45	55	1,188	233
	3,948	1,984	3	—	561	142	—	660	203	395	2,272	595

TABLE showing Work of Vaccination Officer from 1st January to 31st December, 1945.

	No. of Vaccination Certificates received from—						No. of Insusceptibility Certificates.	Total No. of Certificates.	No. of Declarations of Conscientious Objection.	No. of Postponement Certificates.	No. of Cases Removed Inwards.	No. of Cases Removed Outwards.	No. of "Q" Notices Sent.	No. of "K" Notices Served.	No. of Children Died Unvaccinated.	No. of Cases Removed and not Traced.	Nos. entered on "H" Lists to Public Vaccinators.					
	District No. 1.	District No. 2.	District No. 3.	District No. 4.	District No. 5.	Other Doctors.											District No. 1.	District No. 2.	District No. 3.	District No. 4.	District No. 5.	Total
North	—	23	17	27	6	39	—	112	49	6	—	10	199	23	8	3	—	62	31	46	10	149
South	5	24	35	—	—	18	—	82	37	1	—	2	164	16	3	3	29	38	66	2	—	135
Hammersmith Hospital	22	82	80	68	10	626	2	890	276	10	—	989	636	66	52	27	45	194	150	127	13	529
Queen Charlotte's Hospital	14	62	25	18	—	1067	2	1188	233	4	—	2070	228	22	51	33	24	122	37	30	—	213
Removed Inwards	5	58	38	26	3	20	—	150	14	5	274	—	76	32	1	4	6	51	52	37	2	148
TOTAL	46	249	195	139	19	1770	4	2422	609	26	274	3071	1303	159	115	70	104	467	336	242	25	1174

Total number of births registered during 1945 — 4,884.