

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

Contributors

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Metropolitan Borough of Hammersmith.

ANNUAL REPORT

of the

Medical Officer of Health

for the

YEAR 1940.

PUBLIC HEALTH DEPARTMENT,
TOWN HALL,
HAMMERSMITH, W.6.

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

LADIES AND GENTLEMEN,—In accordance with the recommendations of the Ministry of Health, the Annual Report upon the Health of the Borough for the year 1940 is presented in an abridged form, as it was for the year 1939. It consists largely of a series of tables and statistics dealing with the vital services.

Vital Statistics.—The birth rate (16.3 per 1,000) is the highest recorded for the past 14 years, and is higher than the rate for London (13.7) and for England and Wales (14.6).

On the estimated population, *i.e.*, 98,320, the corrected number of deaths of residents was equal to an annual rate of 17.9 per 1,000. An adjusting factor has been supplied by the Registrar-General, and this, when applied to the Hammersmith death rate gives a rate of 18.2 per 1,000 which is considerably higher than for past years, and is also higher than for London as a whole (17.8) and for England and Wales (14.3). The reason for the increase over previous years is the inclusion in the figure of deaths through enemy action.

Both the birth rate and the death rate are based upon the Registrar-General's estimate of the population, namely, 98,320. This represents a reduction on the figure for the previous year of 24,480. The large scale evacuation of the child population and the absence from home of men and women serving with H.M. Forces are the main factors accounting for the decrease, supplemented by a movement of persons to areas less vulnerable than Hammersmith.

The evacuation of children and the call-up for military service of a large number of men has caused a relative

increase in the proportion of women of child-bearing age. For this reason the birth rate cannot be properly compared with past years. Whilst the birth rate was higher than the previous twelve months the actual number of births was 229 less.

The infantile mortality rate for the year was 51, an increase on last year's figure (43), but still considerably lower than for any previous year. The figure for the whole of London was 50, and for England and Wales 55.

There were no deaths during the year from puerperal causes. This is the first time that it has been possible to record that no maternal deaths have occurred during the whole of the twelve months, and a high tribute must be paid to the various units comprised in the Maternity Services of the Borough (Ante-natal clinics, doctors, midwives and hospitals), which are now equal to any in the country.

On the outbreak of war responsibility for the Civil Defence Casualty Services was placed upon the Public Health Department. First Aid Posts and Gas Cleansing Stations had to be set up—Stretcher Parties organised and trained—mortuaries established—arrangements made for the decontamination of foodstuffs and a hundred-and-one other jobs connected with the war effort had to be undertaken under extremely difficult conditions. Many of the staff were transferred to those other duties, and as a result the routine work of the department was disrupted. Nevertheless the essential health services were maintained.

Early in 1940 no intensive air attacks had been made on London, and mothers started to drift back with their children from the evacuation areas. The infant welfare clinics and the ante-natal clinics which had been closed at the commencement of hostilities were re-opened, and by the end of the year more sessions were being held than in the years prior to the war. Attendances at these clinics were well maintained even during the latter part of the year when air raids were of nightly occurrence. In all 604 sessions were held at the Infant Welfare Centres, with an

average attendance of 40 and 354 sessions at ante-natal and post-natal clinics, with an average attendance of 11.5. During the year an additional Assistant Medical Officer for Maternity and Child Welfare services was appointed, making the total number then engaged three, and an additional appointment was made to the staff of health visitors, bringing the total number engaged to eight.

As a result of the depletion of the staff of Sanitary Inspectors in the early days of the war, it was only possible for essential work such as investigations into cases of infectious diseases, complaints, &c., to be undertaken. All inspections under the Housing Act were suspended, and much of the routine work had to be left in abeyance. In the early part of the year under review some members of the staff who had been engaged on Civil Defence were recalled to their normal duties, and an endeavour was made to restart the ordinary machinery of the department. Inspections under the Housing Act in connection with reconditioning of houses and underground rooms were recommenced, and two temporary Sanitary Inspectors were appointed to assist with the work in place of some of the permanent Inspectors still engaged on Air Raid Precautions. When intensive raiding started towards the end of the year this work had to be discontinued once again.

The very heavy air raids during the last four months of the year caused large numbers to spend evenings and nights in public shelters or in their own private shelters, and this introduced a number of problems connected with hygiene of the shelters and comfort of the shelterers. At one time the nightly public shelter population reached the figure of 6,000.

Despite the abnormal conditions the health of the population was good, and no outbreaks of infectious diseases were recorded.

As in previous years close attention was paid to the supervision of food supplies. Of 840 samples taken under

the Food and Drugs Act only nine were reported to be adulterated.

A considerable amount of work was occasioned by the inspection of stocks of food-shops damaged by enemy action and in the examination of salvaged foodstuffs brought into the Borough.

Although there was a scarcity of certain foods and other foods were strictly rationed no adverse effect on the health of the population was observed. Preparations containing essential vitamins were made available for mothers and children at the welfare centres to take the place of some of the foods which it was difficult to obtain.

I should like to take the opportunity of expressing to the members of the Council my appreciation of the goodwill they have shown to me during the year, and my thanks to the staff for their loyalty and devotion to duty which has resulted in the services of the Department being maintained during the year under conditions which have at times placed a considerable strain upon all concerned.

I am, Ladies and Gentlemen,

Your obedient Servant,

J. B. HOWELL,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

General Statistics, 1940.

Area	...	...	...	...	2,282.5 acres
Population (1940) (estimated)	...				98,320
Population Census (1901)...	...				112,239
,,	,,	(1911)...	...		121,521
,,	,,	(1921)...	...		130,295
,,	,,	(1931)...	...		135,521
Natural decrease, <i>i.e.</i> , excess of deaths over births	...	...			156
Density of population	...	...			43.0 persons per acre
Marriages registered	...	...			1,363
Rateable value (1940)	...	...			£1,283,259
Sum represented by a penny rate, 1940	...	...	...	...	£5,051

Vital Statistics.

Births (legitimate) ...1,466	}	Birth rate ...	...	16.3
,, (illegitimate)... 134		{	Rate per 1,000 (live and still births) ...	...	33
Stillbirths ... 54	{	Death rate ...	...	17.9
Deaths (corrected) ...1,756	{	Adjusted death rate		18.2
Deaths from puerperal causes	...	...	...	Nil

Deaths of infants under one year of age per 1,000	
births	51
,, from cancer (all ages)	220
,, ,, measles	1
,, ,, whooping cough (all ages)	0
,, ,, diarrhœa (under 2 years of age)	8

Cancer.—There were 220 deaths from Cancer, and of this number, 205 occurred in persons over the age of 45 years.

These deaths were equal to 2.2 per 1,000 of the population.

The following table shows the number of deaths from Cancer under the various age groups during the past 10 years :—

Year.	Total Deaths.	Sex.	All Ages.	1—	2—	5—	15—	25—	35—	45—	55—	65—	75—
1931	229	M	104	—	—	—	—	11	—	53	—	29	11
		F	125	—	1	—	—	12	—	48	—	32	32
1932	206	M	92	—	—	—	1	6	—	48	—	26	11
		F	114	—	—	1	2	9	—	54	—	27	21
1933	231	M	114	—	—	—	2	8	—	46	—	38	20
		F	117	—	—	—	1	11	—	46	—	29	30
1934	235	M	112	—	—	—	1	9	—	46	—	31	25
		F	123	—	—	1	—	9	—	40	—	51	22
1935	216	M	117	—	—	—	—	8	—	57	—	38	14
		F	99	—	—	—	—	7	—	45	—	26	21
1936	249	M	111	—	—	1	2	5	—	48	—	42	13
		F	138	—	—	—	3	14	—	53	—	38	30
1937	227	M	107	—	—	—	—	11	—	41	—	37	18
		F	120	—	—	—	—	11	—	45	—	35	29
1938	234	M	123	—	—	—	—	2	6	21	45	28	21
		F	111	—	—	—	—	4	2	20	22	43	20
1939	227	M	104	—	—	—	2	—	6	10	34	35	17
		F	123	—	—	—	—	1	9	19	29	37	28
1940	220	M	111	1		—	7			51		52	
		F	109	—		—	7			46		56	

The average number of deaths for the ten years is 227.

Statistics.—The following table gives the statistics of the Borough during 1940 and previous years :—

Vital Statistics of Whole District during 1940 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.	of Non-residents registered in the District.	of Residents not 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
1924	134200	2199	2399	17.9	1123	8.4	173	718	173	72	1668	12.4
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

* B = Birth Rate Population Figure.

D = Death „ „ „

Causes of, and Ages at, Death during the Year 1940.

CAUSE OF DEATH.	Sex.	0—	1—	5—	15—	45—	65—	Total all Ages.
1. Typhoid and Paratyphoid Fevers	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
2. Cerebro-spinal Fever	M	—	1	—	1	—	—	2
	F	1	1	1	—	3	1	7
3. Scarlet Fever	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
4. Whooping Cough	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
5. Diphtheria	M	—	1	1	—	—	—	2
	F	1	—	—	—	—	—	1
6. Tuberculosis of Respiratory System	M	—	1	—	31	35	9	76
	F	—	—	—	23	5	1	29
7. Other forms of Tuberculosis	M	1	—	1	—	3	3	8
	F	—	—	—	3	1	1	5
8. Syphilitic Diseases	M	1	—	—	3	4	6	14
	F	—	—	—	2	3	4	9
9. Influenza	M	3	—	—	—	3	3	9
	F	—	—	1	2	2	2	7
10. Measles	M	—	1	—	—	—	—	1
	F	—	—	—	—	—	—	—
11. Ac. Polio-myelitis and Polio-encephalitis	M	—	—	—	—	—	—	—
	F	—	—	1	—	—	—	1
12. Ac. Inf. Encephalitis	M	—	—	—	1	—	—	1
	F	—	—	—	1	—	1	2
13. Cancer of Buc. Cav. and Oesoph. (M), Uterus (F)	M	—	—	—	1	7	3	11
	F	—	—	—	5	11	7	23
14. Cancer of Stomach and Duodenum	M	—	—	—	1	6	6	13
	F	—	—	—	—	5	7	12
15. Cancer of Breast	M	—	—	—	—	—	—	—
	F	—	—	—	1	10	11	22
16. Cancer of all other sites	M	—	1	—	5	38	43	87
	F	—	—	—	1	20	31	52
17. Diabetes	M	—	—	—	—	—	3	3
	F	—	—	—	2	6	5	13
18. Intra-cranial Vascular Lesions	M	—	—	—	—	18	29	47
	F	—	—	—	—	20	39	59
19. Heart Disease	M	—	—	—	5	39	99	143
	F	—	—	—	5	29	145	179
20. Other Diseases of Circ. System	M	—	—	—	—	10	18	28
	F	—	—	—	1	8	24	33
21. Bronchitis	M	4	—	—	2	33	44	83
	F	2	—	—	2	9	52	65
22. Pneumonia	M	17	—	—	4	20	26	67
	F	2	—	—	2	8	37	49
23. Other Respiratory Diseases	M	—	—	—	1	6	7	14
	F	—	—	—	—	2	7	9
24. Ulcer of Stomach or Duodenum	M	—	—	—	1	8	3	12
	F	—	—	—	—	2	2	4
25. Diarrhoea under 2 years	M	1	—	—	—	—	—	1
	F	6	1	—	—	—	—	7
26. Appendicitis	M	—	1	1	1	3	1	7
	F	—	—	—	—	1	—	1
27. Other Digestive Diseases	M	—	1	—	1	9	5	16
	F	—	—	—	2	5	13	20
28. Nephritis	M	—	—	—	4	3	9	16
	F	—	—	—	5	5	12	22
29. Puerperal and Post-abortive Sepsis	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
30. Other Maternal causes	M	—	—	—	—	—	—	—
	F	—	—	—	—	—	—	—
31. Premature Birth	M	11	—	—	—	—	—	11
	F	5	—	—	—	—	—	5
32. Con. Mal. Birth Injuries	M	10	—	—	—	1	—	11
	F	2	—	—	1	1	1	5
33. Suicide	M	—	—	—	5	4	2	11
	F	—	—	—	1	2	—	3
34. Road Traffic Accidents	M	—	2	1	1	4	4	12
	F	—	—	—	—	1	2	3
35. Other violent causes	M	2	5	11	50	40	27	135
	F	2	3	7	50	35	38	135
36. All other causes	M	4	—	1	5	24	32	66
	F	—	3	2	6	12	44	67
Totals all causes	M	54	14	16	123	318	382	907
	F	21	8	12	115	206	487	849
		75	22	28	238	524	869	1,756

Death rate calculated on the estimated population of each Ward.

Ward.	Estimated Population.	No. of Deaths.	Death Rate.
No. 1 River	12,381	214	17.3
No. 2 Brook Green	19,560	354	18.1
No. 3 The Grove	16,971	294	17.3
No. 4 St. Stephens	5,968	115	19.3
No. 5 Starch Green	16,993	291	17.1
No. 6 Wormholt	17,302	358	20.7
No. 7 College Park and Latimer	9,145	130	14.2

METROPOLITAN BOROUGHES.

City and Boroughs.	Estimated Population.	Live Births Rate per 1,000 Population.	Death Rate per 1,000 Population.		Infant Mortality Rate per 1,000 Live Births.
			Crude.	Adjusted	
WEST DISTRICTS.					
Kensington	123,860	13.5	18.3	17.4	58.0
Paddington	97,860	15.90	18.04	17.85	59.0
Fulham	106,630	15.70	18.70	18.10	45.0
Hammersmith	98,320	16.3	17.9	18.2	51.0
City of Westminster	85,920	9.7	17.4	17.5	44.6
Chelsea	38,700	11.0	22.0	17.8	40.0
NORTH DISTRICTS.					
St. Marylebone	62,240	8.52	11.04	10.16	67.07
St. Pancras	133,600	11.64	16.30	—	56.0
Islington	224,110	17.18	18.48	18.11	47.0
Hackney	168,290	15.2	16.5	17.8	40.2
Hampstead	71,520	11.1	16.2	15.4	49.0
Stoke Newington	40,510	15.3	18.5	18.3	28.1
CENTRAL DISTRICTS.					
Holborn	23,470	9.29	21.60	21.38	67.63
Finsbury	40,090	14.3	23.1	23.4	68.0
City of London			Not available		
EAST DISTRICTS.					
Stepney	136,030	15.7	20.0	22.0	43.1
Bethnal Green	66,620	15.1	20.1	21.7	49.5
Poplar	97,410	17.4	19.7	20.5	41.0
Shoreditch	57,900	16.04	23.09	23.55	69.0
SOUTH DISTRICTS.					
Battersea	108,380	16.57	18.38	17.46	41.24
Lambeth	210,650	15.52	—	19.72	47.0
Greenwich	74,280	15.76	17.18	17.52	56.0
Deptford			Not available		
Woolwich	124,340	14.8	15.7	15.7	36.0
Southwark	101,900	17.3	24.1	23.6	49.0
Wandsworth	271,340	12.49	16.91	15.21	49.0
Lewisham			Not available		
Bermondsey	71,590	17.2	21.7	23.4	35.0
Camberwell	173,750	15.34	19.13	18.36	48.0

MATERNITY AND CHILD WELFARE.

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

Year.	Births.	Deaths of Infants.	Deaths of Infants per 1000 births.
1906	3112	430	138
1907	3029	362	117
1908	3204	383	120
1909	2995	360	120
1910	2906	329	99
1911	2929	434	146
1912	2880	259	90
1913	2951	314	103
1914	2935	276	94
1915	2708	277	102
1916	2605	222	85
1917	2278	251	110
1918	2014	210	104
1919	2296	228	99
1920	3312	219	66
1921	2779	245	88
1922	2758	196	71
1923	2701	173	64
1924	2399	173	72
1925	2351	153	65
1926	2188	144	66
1927	2076	126	61
1928	2258	156	69
1929	2162	133	62
1930	2173	140	64
1931	2073	140	68
1932	1940	129	66
1933	1827	119	65
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

The following table shows the deaths of infants under one year of age and the cause :—

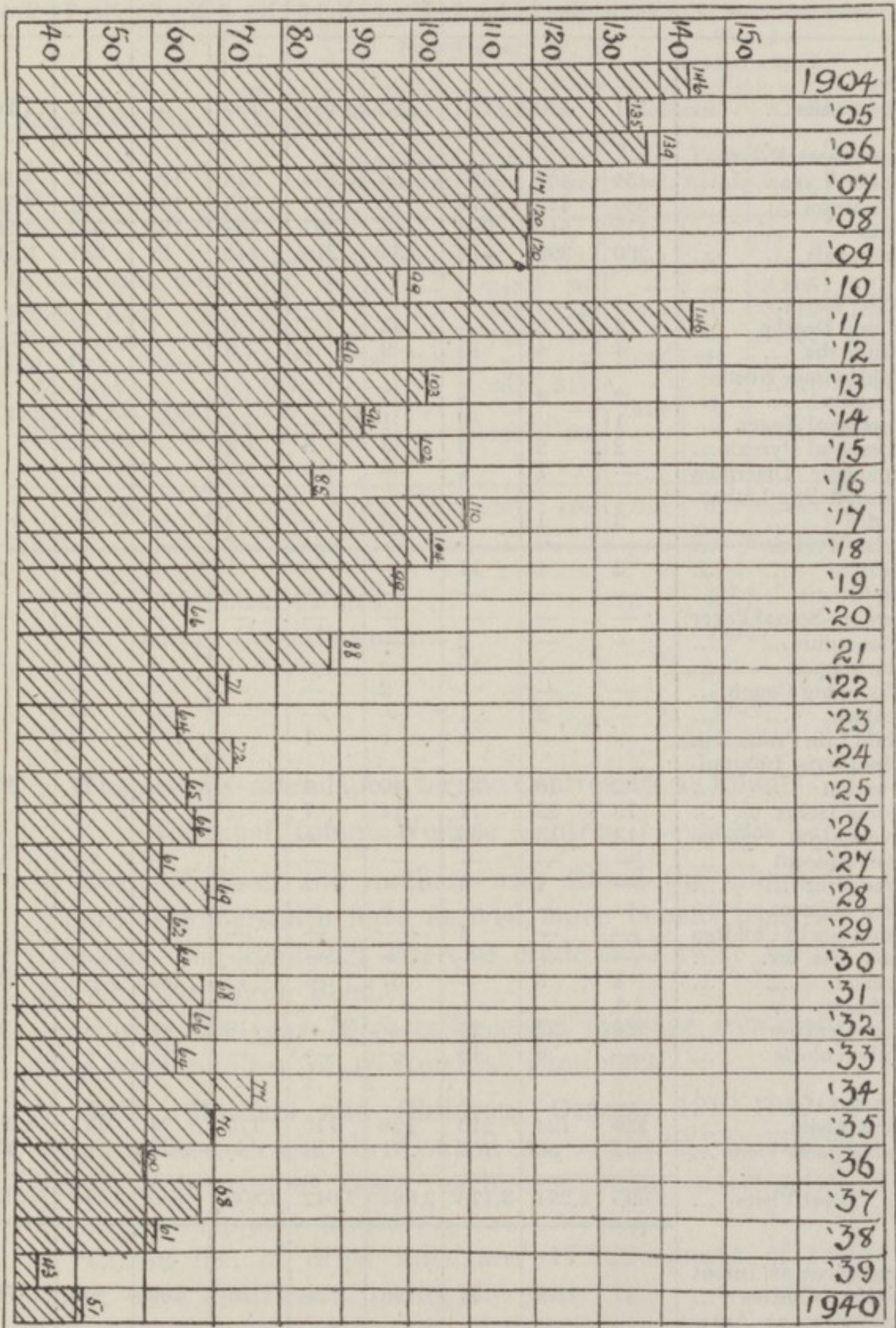
INFANT MORTALITY, 1940.

Infantile Mortality during the year 1940. Nett deaths from stated causes at various ages under one year of age.

CAUSES OF DEATH.	Under 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 4 Weeks.	4 Weeks. and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under 1 year.	Total Deaths under 1 year.
Small-pox	—	—	—	—	—	—	—	—	—	—
Chicken-pox	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—
Diphtheria and Croup	—	—	—	—	—	—	—	—	1	1
Influenza	—	—	—	—	—	—	—	—	—	—
Erysipelas	—	—	—	—	—	—	—	—	—	—
Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases	—	—	—	—	—	—	1	—	—	1
Meningitis (not T.B.)	—	—	—	—	—	1	1	—	—	2
Laryngitis	—	—	—	—	—	—	—	—	—	—
Bronchitis	1	—	—	—	1	3	1	—	—	5
Pneumonia (all forms)	—	1	2	—	3	8	6	4	3	24
Infective Gastro Enteritis	—	—	—	—	—	1	—	3	—	4
Syphilis	—	—	1	—	1	—	—	—	—	1
Rickets	—	—	—	—	—	—	—	—	—	—
Suffocation, Overlying	—	—	—	—	—	—	—	—	—	—
Injury at Birth	2	—	—	—	2	—	—	—	—	2
Atelectasis	2	—	—	—	2	—	1	—	—	3
Congenital Malformations	3	—	—	—	3	3	—	—	—	6
Premature Births	15	—	1	—	16	—	—	—	—	16
Otitis Media	—	—	—	—	—	—	1	—	—	1
Violence	—	—	—	—	—	—	—	—	—	—
Icterus Neonatorum	—	—	—	—	—	—	—	—	—	—
Hæmorrhage of the Newborn	—	—	—	—	—	—	—	—	—	—
War Operations	—	—	—	—	—	—	—	3	—	3
Other causes	2	—	—	—	2	1	2	—	2	7
Totals	25	1	4	—	30	17	11	12	6	76

NETT BIRTHS IN THE YEAR : Legitimate, 1,466 ; Illegitimate, 134.
NETT DEATHS IN THE YEAR OF: Legitimate Infants, 68 ; Illegitimate Infants, 8.

The following Chart shows the Infantile Mortality rate for the years 1904-1940.



Visits paid by Health Visitors are enumerated in detail below:—

	District.								Total
	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6	No. 6A	No. 7	
VISITS.									
First visits ...	171	176	220	183	185	150	64	112	1,261
SUBSEQUENT VISITS.									
Under 1 year ...	451	404	536	435	424	975	174	703	4,102
1-5 Years ...	986	445	579	726	467	750	141	693	4,787
Outs ...	533	510	986	446	597	388	185	562	4,207
Removals ...	260	399	316	533	216	241	21	281	2,267
OTHER VISITS.									
Infant Deaths ...	4	8	—	13	7	9	1	4	46
Stillbirths ...	4	4	10	9	4	6	2	3	42
Ophthalmia Neonatorum ...	2	3	8	3	1	—	—	—	17
Puerperal Fever ...	1	—	2	1	—	—	—	—	4
Puerperal Pyrexia...	2	2	5	3	3	4	—	—	19
Epidemic Diarrhœa	—	1	4	—	—	—	—	—	5
Encephalitis Lethargica ...	3	1	2	3	—	1	—	—	10
Polio-Myelitis ...	—	—	—	—	—	—	—	—	—
Measles ...	2	1	17	—	—	1	5	—	26
Diphtheria ...	—	—	—	—	—	—	—	—	—
Cerebro-Spinal Fever	—	—	—	—	—	—	—	—	—
Pneumonia...	—	—	2	—	—	—	1	—	3
Chickenpox ...	—	1	10	—	—	1	1	—	13
Whooping Cough ...	—	—	—	2	—	—	—	—	2
Scabies ...	—	2	1	—	—	—	—	—	3
Child Life Protection	—	—	—	1	1	—	—	—	2
Diphtheria Immunisation ...	2	16	32	40	4	—	—	77	171
Home Helps ...	15	22	11	14	7	2	—	2	73
Evacuation Scheme	13	15	66	—	—	—	—	—	94
Convalescent ...	—	—	—	—	—	—	—	—	—
Free Milk ...	—	1	6	—	2	—	—	—	9
Free Dinners ...	—	—	—	6	—	—	—	—	6
Adoption of Children	—	—	4	—	—	—	—	—	4
Factories, &c. ...	—	—	—	—	—	—	—	—	—
Special ...	1	5	—	67	—	12	143	—	228
Refugees ...	1	—	—	—	—	—	—	—	1
Rest Centres ...	23	32	28	—	—	10	—	—	93
Tuberculosis ...	—	6	16	—	—	—	—	—	22
ANTE-NATAL.									
First Visits...	129	124	210	128	110	175	74	113	1,063
Subsequent Visits ...	92	56	105	71	14	80	28	25	471
Total Visits ...	2,695	2,234	3,176	2,684	2,042	2,805	840	2,575	19,051
Attendances at Infant Welfare Centres ...	47	78	44	98	90	84	209	64	714
Attendances at Ante-natal Clinics ...	38	50	30	51	45	55	134	49	452
Schick Test Clinics ...	—	—	1	12	—	—	2	2	17
Number of insanitary conditions reported	2	—	6	6	7	—	—	—	21

**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.	{ 182	560	13	—	—	1,967	17	—	—
	{ 130	—	—	345	56	—	—	3,865	830
Becklow Road ...	220	—	—	365	124	—	—	5,475	2,769
Milson Road ...	70	—	—	146	49	—	—	1,754	818
Old Oak Centre,	{ 122	378	12	—	—	1,635	42	—	—
Westway ...	{ 135	—	—	262	217	—	—	4,541	2,068
Latymer Rd. Miss.,	{ 50	75	—	—	—	412	2	—	—
Blechynden St.	{ 49	—	—	129	30	—	—	1,313	599
Totals ...	958	1,013	25	1,247	476	4,014	61	16,948	7,084

Ante-natal Clinics	354
Infant Consultations	604
	958

The average attendances for the Centres are as follows :—

Municipal Infant Welfare Centres ... 40

Many children and mothers who attend the clinics in South Hammersmith have derived much benefit from the Massage and Remedial Exercise clinic held twice weekly at 48, Glenthorne Road.

During the year 70 cases received massage treatment, the total number of treatments being 692.

Milk (Mothers and Children) Orders, 1918-1919.—Under these Orders the Council has continued to supply milk to necessitous cases, each case being investigated before a supply is granted.

12,382 lbs. of dried milk and 17,722 quarts of raw milk were distributed during the year.

Cod Liver Oil.—The arrangement whereby mothers can obtain small quantities of cod liver oil for their children

was continued throughout the year. This is provided free to those mothers who are receiving free milk under the Maternity and Child Welfare Scheme. Those above the scale are supplied with small quantities at cost price.

The Medical Officers of the Clinics report that many children have greatly benefited since this provision was made.

Dinners.—Dinners have been supplied to expectant and nursing mothers and in exceptional cases to children since May, 1937, through the Invalid Kitchens of London and the Second Feathers Club from premises situate in Melina Road and Norland Gardens respectively.

During the year 8 cases were referred to these centres by the Borough Council to whom 328 dinners were served at an approximate cost of £12 8s. 4d.

Owing to lack of support, however, the premises in Melina Road were closed by the Invalid Kitchens of London in April, and the premises of the Second Feathers Club in Norland Gardens had to be closed late in the year owing to severe damage by enemy action.

MATERNAL DEATHS.

The number of Maternal Deaths during the past sixteen years is as follows :—

Year.	Number of Deaths.		Number of live Births.	Maternal Death Rate.
	Puerperal Sepsis.	Other Accidents of Pregnancy.		
1925	6	7	2,351	5.5
1926	3	4	2,188	3.2
1927	3	4	2,076	3.4
1928	5	5	2,258	4.4
1929	5	2	2,162	3.3
1930	4	5	2,173	4.1
1931	2	5	2,073	3.4
1932	3	4	1,940	3.6
1933	6	2	1,827	4.4
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	—

**Infectious Diseases of Mothers and Children
under Five Years of Age.**

Disease.	No. of Cases Notified.	Previous Year.	No. of Cases Visited.	No. of Cases Nursed.	No. of Cases Removed to Hospital.
Puerperal Fever	14	6	14	—	14
Puerperal Pyrexia	31	32	31	—	31
Ophthalmia Neonatorum...	5	12	5	3	4
Epidemic Diarrhœa* ...	8	16	8	—	—
Measles and German Measles (under 5) ...	65	15	65	3	35
Whooping Cough (under 5) ...	15	445	15	—	5
Poliomyelitis (under 5) ...	—	3	—	—	—

* *Summer Diarrhœa.*—As this is not a notifiable disease the figures available are those of deaths which were registered as having been due to this cause.

Ophthalmia Neonatorum.—The number of cases reported was five against twelve in the previous year. The analysis of the final reports received is as follows:—

Notified.	Cases.		Vision unimpaired.	Vision Impaired.	Total Blindness.	Removed from District.	Still under Treatment.	Deaths.
	At Home.	In Hospital.						
29.1.40	—	1	Yes	—	—	—	—	—
29.2.40	1	—	„	—	—	—	—	—
22.3.40	—	1	„	—	—	—	—	—
8.5.40	—	1	„	—	—	—	—	—
5.8.40	—	1	„	—	—	—	—	—
Totals ...	1	4	5	—	—	—	—	—

CHILD LIFE PROTECTION.**Public Health (London) Act, 1936.**

At the end of the year there were 17 foster-children being cared for in the Borough, and 15 names on the list of foster-mothers.

The Lady Sanitary Inspector is responsible for visiting the homes of all foster-children.

During the year 36 foster-mothers were removed from the register for various reasons and 14 new foster-mothers were registered.

Five applications for registration were not approved.

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

FOSTER-MOTHERS.

No. of Foster-Mothers on Register December 31st, 1940	...	...	15
.. .. Recommended for Registration	...	...	14
.. .. removed from Register	...	...	36
(1) Removed from Borough	...	...	6
(2) Adopted Children	...	...	—
(3) Unsuitable	...	...	—
(4) 9 years of age	...	...	1
(5) Temporarily approved	...	...	3
(6) No further Foster-Children required	...	...	8
(7) Illness of Foster-Mothers	...	...	—
(8) Lack of accommodation	...	...	—
(9) Mother living at address	...	...	—
(10) Evacuated with Child	...	...	2
(11) Child evacuated	...	...	6
.. Applications for Registration received but not Recommended			5

FOSTER-CHILDREN.

No. of Foster-Children on Register December 31st, 1940	...	...	17
.. .. received by Foster-Mothers	...	...	31
.. .. moved from Foster-Mothers	...	...	42
(1) To Foster-Mothers	...	...	5
(2) To Parents or Guardians	...	...	14
(3) To Institutions	...	...	7
(4) Adopted	...	...	2
(5) Children removed from Borough with Foster-Mother	...	...	8
(6) Foster-Children who have reached the age of 9 years during the Year	...	...	2
(7) Evacuated	...	...	4

VISITS.

No. of visits to new Foster-Mothers	...	...	19
.. .. Registered Foster-Mothers	...	...	302
Verification Visits	...	...	3
Special Visits	...	...	6
Outs	...	...	165
Total Visits	...	...	495

Sanitary Circumstances of the Borough.

Inspections.—The following table shows the number of visits made in each district under the various inspection heads :—

NUMBER OF INSPECTIONS MADE DURING 1940.

CAUSE OF INSPECTION.	INSPECTORS.											Total
	C. W. Southberby	T. W. Glew	W. A. Collins	H. W. Potter	S. R. Daly	J. Broadhead	A. Hayes	E. J. Nether	J. C. Hopkins	W. J. Godden	Miss E. M. Cross	
Infectious Disease	4	21	79	69	35	22	96	27	—	5	646	1,004
Complaints	295	306	556	584	329	268	245	225	1	7	78	2,894
House to House	—	—	—	—	—	6	—	17	—	—	—	23
Housing Acts	327	164	273	320	260	150	231	198	—	—	1	1,924
Shops Act, 1934	—	52	102	7	53	8	12	8	—	—	—	242
Food (other than Restaurants and Eating Houses)	20	294	203	62	18	25	65	91	1,344	1,963	—	4,085
Restaurants and Eating Houses	1	8	46	6	—	—	2	8	161	120	—	352
Markets	6	100	20	249	14	138	10	53	228	382	—	1,200
Slaughterhouses	—	—	—	—	—	—	—	—	—	3	—	3
Bakehouses	—	7	13	10	—	2	6	—	25	79	—	142
Milk Vendors	1	1	3	1	1	—	5	27	50	175	—	264
Ice Cream Vendors	—	—	—	—	—	—	1	—	—	6	—	7
Factories (Mechanical)	—	47	44	3	10	6	12	47	10	—	126	305
Factories (Non-mechanical)	6	4	41	3	—	—	1	—	—	—	203	258
Outworkers	2	—	9	9	—	—	—	—	—	—	222	242
Public Urinals	5	2	49	9	—	—	33	5	—	—	—	103
Smoke Observations	1	2	5	10	—	—	—	—	—	—	32	50
Drainage	129	135	234	412	79	50	78	165	—	—	—	1,282
Miscellaneous	38	62	159	190	131	371	1,189	240	—	273	448	3,101
Re-visits	704	928	1,694	1,187	1,100	1,007	987	1,546	—	—	82	9,235
Child Life Protection	—	—	—	—	—	—	—	—	—	—	495	495
Common Lodging Houses	—	—	—	4	2	—	—	—	—	—	—	6
Pharmacy and Poisons Act	8	—	10	33	17	—	10	10	—	—	—	88
Cancer	—	—	—	—	—	—	—	—	—	—	48	48
Rest Centres	—	—	—	—	—	—	—	—	—	—	35	35
Refugee Billets	—	63	201	203	1,112	215	1,094	1,373	—	—	273	4,534
Air Raid Shelters	—	271	31	38	—	146	48	2	152	—	—	688
Fire Watchers' Order	—	155	86	72	—	42	—	—	—	—	—	355
TOTAL	1,547	2,622	3,858	3,481	3,161	2,456	4,125	4,042	1,971	3,013	2,689	32,965

Notices.—The following table shows the number of Preliminary Notices served and complied with during the year :—

	Notices Served.	Notices complied with.
Infectious Diseases	18	16
Complaints	1,494	1,399
House to House	—	22
Housing Act	27	48
Food (other than Restaurants) ...	6	5
Restaurants, &c.	2	1
Bakehouses	6	5
Milk Vendors	—	—
Factories (Mechanical)	6	4
Factories (Non-Mechanical) ...	14	12
Outworkers	2	2
Public Urinals	2	—
Smoke Observations	—	—
Drainage	17	29
Miscellaneous... ..	27	6
Re-visits	514	663
Common Lodging Houses	4	12
Child Life Protection	1	1
Shops Act, 1934	23	3
Women's Hostels	—	—
Poultry, Slaughterhouse	—	—
Total ...	2,163	2,228

During the year 603 Statutory Notices were served and 497 complied with.

SUMMONSES—YEAR 1940.

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

Public Health (London) Act, 1936	45
Food and Drugs (Adulteration) Act, 1928 ...	1
London County Council (General Powers) Act, 1937	2
Housing Act, 1936	12
London County Council Drainage Bye-laws ...	3
Food and Drugs Act, 1938	5

1.—INSPECTION OF FACTORIES.

Premises	Number of		
	Inspections.	Written Notices.	Occupiers Prosecuted.
Factories (with Mechanical Power)	305	6	—
Factories (without Mechanical Power)	258	14	—
Other Premises	—	—	—
Total	563	20	—

2.—DEFECTS FOUND IN FACTORIES, ETC.

Particulars	Number of Defects			Number of Prosecutions
	Found	Re-medied	Referred to H.M. Inspector	
Want of Cleanliness	4	4	—	—
Unreasonable Temperatures	3	3	—	—
Inadequate Ventilation	—	—	—	—
Overcrowding	—	—	—	—
Ineffective Drainage of Floors	—	—	—	—
Sanitary { insufficient	—	—	—	—
Conveni- { unsuitable or defective	11	7	—	—
ences { not separate for sexes	—	—	—	—
<i>Offences under the Factory and Workshops Act</i>				
Illegal occupation of underground bakehouse	—	—	—	—
Other Offences (excluding offences relating to out-work which are included in Part 3 of this report)	—	—	—	—
Total	18	14	—	—

3.—OTHER MATTERS RELATING TO FACTORIES.

Class.	Number.
Matters notified to H.M. Inspector of Factories—	
Failure to affix Abstract of the Factory Act 1937 (Sec. 2)	—
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory Act, 1937 ...	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	18

**NEWLY ERECTED HOUSES AND FLATS—
WATER SUPPLY.**

Number of certificates granted during the year ... 801

**INCREASE OF RENT AND MORTGAGE
RESTRICTIONS ACT, 1920/33.**

During the year 42 applications were received for certificates under the above Act, and in 39 cases certificates were granted.

**EXHUMATION AND RE-INTERMENT OF
BODIES.**

During the year three 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.

**PUBLIC MORTUARY, AND CIVILIAN WAR
DEATHS MORTUARY.**

Eight hundred and fifty-eight bodies were admitted to the Public Mortuary and Civilian War Deaths Mortuary during the year :—

Hammersmith Public Mortuary :—

Admitted by order of Coroner	279	
Admitted by order of Police	8	
Admitted on application of undertakers for accommodation	48	
War operations	72	
	—	407

Civilian War Deaths Mortuary :—

War operations	171	
	—	171

Bodies admitted from other Boroughs :—

Fulham	93	
Chelsea	187	
	—	280

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

Hammersmith cases	281	
Fulham cases	86	
Chelsea cases	165	
	Total P.-Ms. —	532

No. of Inquests held :—

Hammersmith cases	103	
Fulham cases	41	
Chelsea cases	104	
	Total Inquests held —	248

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

Infectious Diseases.—There were, omitting tuberculosis, 461 cases reported as due to notifiable infectious diseases in the Borough, against 830 in the previous year. There were also reported 64 cases of infectious diseases that were not notifiable, against 576 in the previous year; 15 of these were *Measles, 3 *Whooping Cough and 46 Chickenpox.

The number of cases of Tuberculosis notified was 167 against 198 in the previous year.

*Totals (incl. notifiable cases—Measles 172 and Whooping Cough 18) noted in Department.

BACTERIOLOGY.

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

Material from cases of suspected Diphtheria—

Positive results	7
Negative results	276

Sputa from cases of suspected Tuberculosis—

Tubercle bacillus found	18
Tubercle bacillus not found	234

Blood from cases of suspected Fever—

Widal or Typhoid reaction obtained	Nil
Widal or Typhoid reaction not obtained	Nil

Faeces	3
Other	1

Grand Total	539
--------------------	-----

Cases of Infectious Disease notified during the year 1940.

NOTIFIABLE DISEASE	NUMBER OF CASES NOTIFIED.													WARDS.							TOTAL REMOVED TO HOSPITAL.						
	At all Ages.	AGE PERIODS.												1	2	3	4	5	6	7							
		Under 1	1—	2—	3—	4—	5—	10—	15—	20—	35—	45—	65—														
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cholera, Plague	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Diphtheria (including Membranous Croup)	43	—	1	6	3	12	11	—	4	5	1	—	—	—	4	9	3	1	8	16	2	—	—	—	—	43	
Erysipelas	26	2	—	—	—	—	—	—	2	4	1	10	7	—	2	4	4	2	2	2	7	5	—	—	—	21	
Scarlet Fever	71	—	4	6	8	4	23	8	8	9	1	—	—	—	4	6	8	1	12	31	9	—	—	—	—	68	
Typhus Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	9	1	—	1	—	1	1	—	1	3	—	1	—	—	—	1	—	—	—	7	1	—	—	—	—	9	
Relapsing Fever, Continued Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Puerperal Fever	14	—	—	—	—	—	—	—	1	9	4	—	—	—	1	2	2	1	2	5	1	—	—	—	—	14	
Puerperal Pyrexia	31	—	—	—	—	—	—	—	—	25	6	—	—	—	2	5	5	3	7	7	2	—	—	—	—	31	
Cerebro-Spinal Meningitis	33	5	1	1	3	1	—	1	4	10	—	6	1	—	3	3	8	5	4	8	—	—	—	—	—	32	
Polio-myelitis	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	
Encephalitis Lethargica	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Ophthalmia Neonatorum	5	5	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	3	1	—	—	—	—	—	4	
Anthrax	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	48	—	3	1	3	—	1	—	2	11	7	15	5	—	9	7	5	2	8	11	6	—	—	—	—	20	
Malaria	1	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	1	
Dysentery	2	1	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	2	
Food Poisoning	5	—	1	2	—	—	—	—	—	1	1	—	—	—	—	2	—	—	1	2	—	—	—	—	—	4	
Measles	157	14	23	11	8	7	21	8	21	35	6	2	1	—	12	27	37	7	26	43	5	—	—	—	—	84	
Whooping Cough	15	2	3	3	2	2	3	—	—	—	—	—	—	—	2	3	2	1	—	7	—	—	—	—	—	8	
TOTALS	461	30	36	31	27	27	61	17	43	114	27	34	14	—	40	71	74	24	74	145	33	—	—	—	—	342	

Deaths from the Seven Principal Zymotic Diseases.—

The total number of deaths of residents registered from the seven principal zymotic diseases was 48 against 24 in the previous year. The deaths of residents from these diseases were equal to 27 per 1,000 of the total deaths of residents registered and were at the rate of 0.3 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, 1931 to 1940 :—

Year.	Smallpox.	Measles.	Scarlet Fever.	Diphtheria and Membranous Croup.	Whooping Cough.	Enteric Fever.	Diarrhoea and Cholera.	Total.
1931	0	0	2	6	7	0	23	38
1932	0	29	4	8	6	1	26	74
1933	0	3	4	14	5	1	27	54
1934	0	25	4	25	19	0	27	100
1935	0	0	3	12	7	1	28	49
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
Average last 10 yrs.	0	8	2	9	7	1	28	56

Notifiable Diseases (other than Tuberculosis) during the Year 1940.

DISEASE.	Total cases notified.	Cases admitted to Hospital.	Total deaths.
Diphtheria	43	43	3
Erysipelas	26	21	—
Scarlet Fever	71	68	—
Enteric Fever	9	9	—
Puerperal Fever	14	14	} —
Puerperal Pyrexia	31	31	
Cerebro-Spinal Meningitis	33	32	9
Encephalitis Lethargica	—	—	1
Ophthalmia Neonatorum	5	4	—
Pneumonia	48	20	116
Dysentery	2	2	—
Poliomyelitis	1	1	1
Malaria	1	1	—
Food Poisoning	5	4	—
*Measles	157	84	1
*Whooping Cough	15	8	0
TOTALS	461	342	131

*This is not total brought to notice of Department.

DIPHTHERIA IMMUNISATION.

During 1940 the number of children who were immunised decreased considerably, but this was mainly due to the fact that during the early part of the year, owing to war conditions and the evacuation of children from the Borough, Immunisation Clinics were not held.

Towards the end of November, however, a big drive was commenced to immunise all children remaining in the Borough. Letters were sent to parents of 250 children sleeping in air raid shelters, and the School Medical Officers of the London County Council used propaganda to persuade the parents of children still in Hammersmith Schools to have them immunised. From the following table it can be seen that before the end of 1940 111 children had received their first immunising inoculation.

It is satisfactory to note that the number of children who are being immunised at the Council's Welfare Centres is steadily increasing, and although the percentage of Post-Schick Tests made is low, this is entirely due to the large number of children who were evacuated.

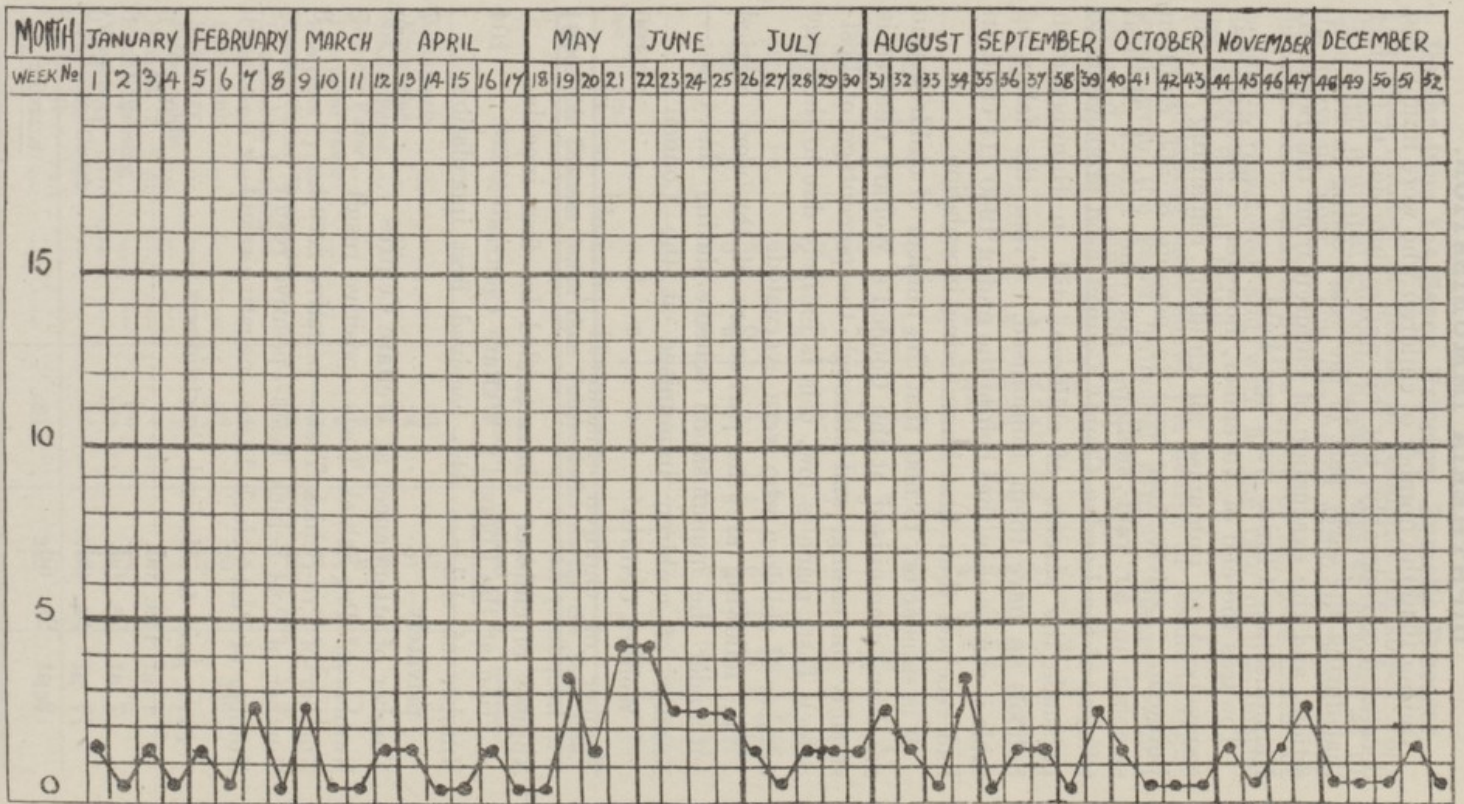
The following are the particulars of the work carried out under the immunisation scheme during the year:—

Number of children immunised at the Council's Welfare Centres	106
Number of children immunised privately or in hospitals, &c.	104
Number of children who attended for first inoculation at the Council's Welfare Centres	104
Number of children who received first inoculation privately	7
Number of attendances at Welfare Centres	459
Number of Pre-Schick Tests—positive result	3
Number of Pre-Schick Tests—negative result	3
Number of Post-Schick Tests—positive result	2
Number of Post-Schick Tests—negative result	60

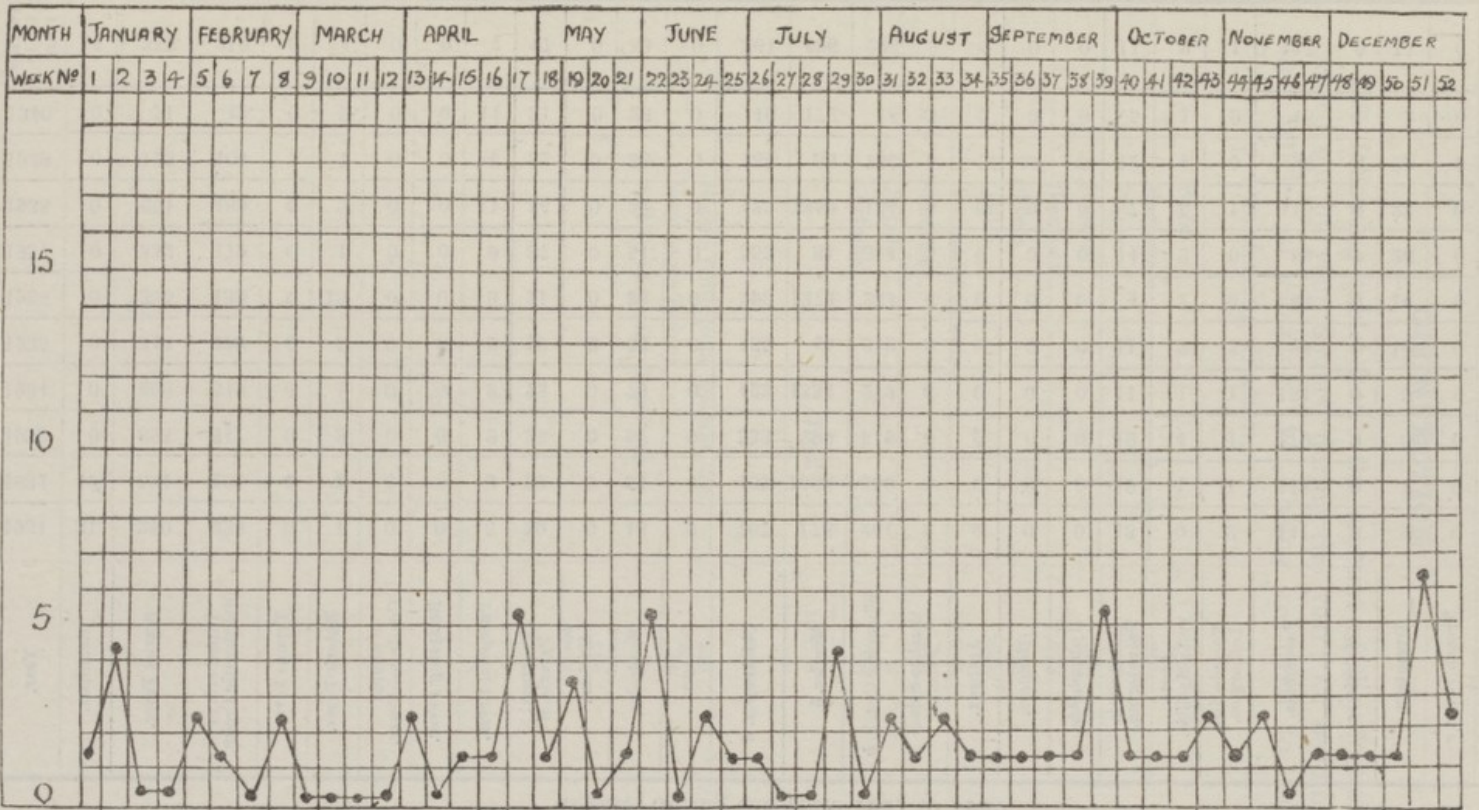
Fees paid to Medical Practitioners:—

1 at 11s. 6d.	£0 11 6
7 at 7s. 6d.	2 12 6
77 at 5s. 0d.	19 5 0
3 at 2s. 6d.	0 7 6
	£22 16 6

The Chart hereunder shows the number of cases of Diphtheria notified week by week during the year.



The Chart hereunder shows the number of cases of Scarlet Fever notified week by week during the year.



TABULAR STATEMENT—ZYMOTIC DISEASES.

The following table shows the number of cases that were reported as due to the undermentioned diseases during the years 1931 to 1940.

Year.	Smallpox.	Scarlet Fever.	Diphtheria or Diphtheritic Croup.	Typhus Fever.	Enteric Fever.	Simple Continued Fever.	Relapsing Fever.	Puerperal Fever.	Puerperal Pyrexia. <i>d</i>	Cholera.	Erysipelas.	Plague.	Chickenpox. <i>a</i>	Measles. <i>b</i>	Whooping Cough. <i>b</i>	Cerebro-Spinal Fever.	Anthrax.	Glanders.	Hydrophobia.	Ophthalmia Neonatorum.	Acute Polio-Myelitis.	Encephalitis Lethargica.	Pneumonia. <i>c</i>	Malaria. <i>c</i>	Dysentery. <i>c</i>	Trench Fever. <i>e</i>	Food Poisoning. <i>f</i>	Total.	
1931	21	280	228	0	1	0	0	5	30	0	48	0	707	178	264	9	0	0	0	13	0	2	141	0	2	0	0	0	1957
1932	49	594	192	0	4	0	0	2	29	0	51	0	405	1588	330	8	0	0	0	19	1	1	178	0	1	0	2	3405	
1933	0	895	241	0	8	0	0	9	33	0	97	0	333	299	319	6	0	0	0	10	4	1	179	0	3	0	8	2445	
1934	0	609	519	0	1	0	0	2	22	0	79	0	422	1334	272	6	0	0	0	11	1	1	154	0	0	0	4	3467	
1935	0	349	333	0	5	0	0	2	19	0	50	0	435	45	312	2	0	0	0	11	2	2	88	0	14	0	9	1678	
1936	0	335	130	0	13	0	0	9	21	0	38	0	293	1372	234	6	0	0	0	4	2	0	83	0	14	0	1	2557	
1937	0	332	179	0	1	0	0	9	37	0	51	0	353	81	314	5	0	0	0	14	2	0	89	2	26	0	2	1495	
1938	0	291	189	0	2	0	0	11	16	0	54	0	429	1859	166	8	0	0	0	7	5	1	115	0	23	0	5	3181	
1939	0	125	104	0	1	0	0	6	32	0	33	0	188	33	736	4	0	0	0	12	4	0	96	0	29	0	3	1406	
1940	0	71	43	0	9	0	0	14	31	0	26	0	46	172	18	33	0	0	0	5	1	0	48	1	2	0	5	525	
Average for 10 years	7	388	219	0	4	0	0	7	27	0	53	0	361	696	296	9	0	0	0	11	2	1	117	0	11	0	4	2211	

a Not Notifiable. *b* Notifiable from 1st October, 1938.

c Notifiable from 1st March, 1919.

d Notifiable from 1st October, 1926.

e Notifiable from 1st March, 1919, to 31/12/1927.

f Notifiable from 12th July, 1932.

DISINFECTION.

The following table shows the amount of disinfection carried out by your Council during the year; all bedding and articles of clothing, &c., being removed to the Council's Disinfecting Station.

Beds	...	...	...	...	...	129
Mattresses	...	...	...	...	...	391
Pillows	...	...	...	...	...	1,856
Bolsters	...	...	...	...	...	392
Blankets	...	...	...	...	...	2,578
Sheets	...	...	...	...	...	848
Quilts	...	...	...	...	...	585
Articles of Clothing	...	...	...	...	...	2,684
Sundries	...	...	...	...	...	578
Carpets	...	...	...	...	...	5
Curtains	...	...	...	...	...	29
Total						10,075

Rooms (Infectious Disease, &c.)	...	...	...	...	459
Verminous Rooms	...	...	...	...	34
A.R.P. Visits for Disinfection...	...	...	...	...	19
<u>512</u>					

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.

I append figures showing the numbers dealt with during the year.

School Children—Hammersmith.

Scabies	543†
Verminous	1,277*
Impetigo	116
Minor Ailments	18

School Children—Non-Hammersmith.

Nil.

Children under Five Years—Hammersmith.

Scabies	187
Verminous	23
Impetigo	5

Children under Five Years—Non-Hammersmith.

Scabies	4
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Adults—Hammersmith.

Scabies	465
Verminous	205
Impetigo	2
Other Conditions	1

Adults—Non-Hammersmith.

Scabies	2
----------------	---

Common Lodging-houses.

Scabies	80
Verminous	6

Gibraltar Refugees.

Verminous Children under 5 years ...	5
Verminous Adults	1

†Includes 1 Belgian refugee and 88 evacuees.

*Includes 16 evacuees.

VACCINATION.

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

The Return for 1939 shows that 1,063 Infants were vaccinated, this being 61.3 per cent. of the Births and compared with 66.2 per cent. in 1938.

No proceedings under the Vaccination Acts were instituted.

VACCINATION RETURNS.

RETURN FOR 1939.

Registration Sub-Districts comprised in the Vaccination Officers' District	Number of Births returned in the "Birth List Sheets" as registered from 1st January to 31st Dec., 1939	Number of these Births duly entered by 31st January, 1941, in Columns I, II, IV and V of the "Vaccination Register" (Birth List Sheets), viz.:					Number of these Births which on 31st January, 1941, remained unentered in the "Vaccination Register" on account (as shown by Report Book) of			Number of these Births remaining on 31st January, 1941, neither duly entered in the "Vaccination Register" (columns 3, 4, 5, 6 and 7 of this Return) nor temporarily accounted for in the "Report Book" (columns 8, 9 and 10 of this Return)	Number of Certificates of Successful Primary Vaccination of children under 14 years received during the calendar year 1940	Number of Statutory Declarations of Conscientious Objection actually received by the Vaccination Officer irrespective of the dates of birth of the children to which they relate during the calendar year 1940
		Col. I Success-fully Vaccinated	Col. II		Col. IV. Number in respect of whom Certificates of Conscientious Objection have been received	Col. V Dead, Unvaccinated	Post-ponement by Medical Certificate	Removal to Districts, the Vaccination 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 Vaccination	Had Small-Pox								
1	2	3	4	5	6	7	8	9	10	11	12	13
1. North Hammersmith...	351	149	—	—	102	12	5	15	60	8	} 792	} 386
2. Hammersmith Hospital	1,707	789	—	—	364	59	5	344	40	106		
3. South Hammersmith...	111	47	—	—	24	1	—	6	26	7		
4. Queen Charlotte's Hospital	45	18	—	—	13	2	—	12	—	—		
5. Removed into Borough	126	60	1	—	12	3	8	—	44	6		
	2,340	1,063	1	—	515	77	18	377	170	127	792	386

TABLE showing Work of Vaccination Officer from 1st January to 31st December, 1940.

	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	34	16	45	2	23	—	120	95	13	—	27	224	25	9	10	98	29	79	8	214	
South	41	38	—	—	20	—	99	52	6	—	9	153	19	7	4	68	71	1	—	140	
Hammersmith Hospital	132	103	80	4	152	3	474	223	22	—	232	644	63	28	105	233	163	119	3	518	
Queen Charlotte's Hospital	—	—	20	—	4	—	24	3	—	—	186	—	—	—	—	—	—	—	—	—	
Removed Inwards	38	29	—	—	10	1	78	13	11	121	—	78	28	—	98	65	51	28	2	146	
TOTAL	245	186	145	6	209	4	795	386	52	121	454	1099	135	44	217	464	314	227	13	1018	

Total number of births registered during 1940 = 1,733.

TUBERCULOSIS.

Tuberculosis.—One hundred and sixty-seven cases of Tuberculosis were reported during the year, one hundred and forty-three of which were Pulmonary and twenty-four being other forms of Tuberculosis, against one hundred and ninety-eight cases in the previous year.

PART I. SUMMARY OF NOTIFICATIONS DURING THE PERIOD FROM THE 1ST JANUARY, 1940, TO THE 31ST DECEMBER, 1940.

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	—	9	14	20	12	15	8	2	81
Pulmonary Females	—	—	—	—	14	20	14	4	7	2	1	62
Non-Pulmonary Males	—	1	—	—	1	1	4	—	1	2	1	11
Non-Pulmonary Females	—	1	2	1	1	3	3	2	1	—	—	13

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	8	6	7	4	2	36
Pulmonary Females	—	—	—	1	—	4	8	2	3	1	1	20
Non-Pulmonary Males	—	1	2	1	—	—	—	2	3	—	—	9
Non-Pulmonary Females	—	—	—	1	3	1	2	1	—	—	—	8

The following table has been prepared, giving particulars of new cases of tuberculosis and of deaths from tuberculosis during 1940:—

Age Periods	NEW CASES.				DEATHS.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0-	1	—	—	—	—	—	1	—
1-	1	—	2	1	1	—	—	—
5-	3	1	3	3	—	—	1	—
15-	28	38	2	8	31	23	—	3
25-	28	22	4	5				
35-	18	6	2	3	35	5	3	1
45-	22	10	4	1				
55-	12	3	2	—				
65 and on ...	4	2	1	—	9	1	3	1
TOTAL ...	117	82	20	21	76	29	8	5

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

The following table indicates the reduction in the number of cases and deaths from Tuberculosis and the efforts made throughout the country are clearly reflected thereby:—

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.			
1921	260	51	311	173	—	—
1922	246	49	295	162	—	—
1923	211	63	274	145	—	—
1924	200	56	256	170	—	1,426
1925	220	45	265	138	—	1,280
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

One hundred and five deaths from Pulmonary Tuberculosis were registered, against ninety-eight in the previous year, representing a death-rate of 1.1 per 1,000 compared with 0.8 in 1939.

I append figures for the years 1925-40, showing the interval between notification and death of tuberculous persons.

	1925.	1926.	1927.	1928.	1929.	1930.	1931.	1932.	1933.	1934.	1935.	1936.	1937.	1938.	1939.	1940.
1. Total number of deaths from Tuberculosis in the Borough...	138	142	181	135	149	153	127	156	150	124	119	116	106	87	107	118
2. The number of cases notified at death ...	13	8	—	7	3	7	2	6	13	5	11	6	8	8	5	9
3. The number of cases notified within one month of death (excluding above) ...	18	30	25	17	32	18	16	21	17	21	11	20	16	13	12	11
4. The number of cases notified within three months of death (excluding above) ...	13	20	23	13	18	21	14	17	17	9	8	7	11	6	3	10
5. The number of cases notified within six months of death (excluding above) ...	18	12	18	9	8	9	14	15	16	11	11	7	8	5	5	11

Average number of cases notified for the 10 years 1921-1930 (inclusive) = 275.

Average number of cases notified for the 10 years 1931-1940 (inclusive) = 203.

Average number of deaths for the 10 years 1921-1930 (inclusive) = 155.

Average number of deaths for the 10 years 1931-1940 (inclusive) = 121.

FOOD SUPPLIES.*Unsound Food.*

No seizure of unsound food was made during the year.

The following is a list of unsound food voluntarily surrendered during the year :—

Beef and Beef Offal, 12 cwt. 1 qtr. 11 lb.
 Pork and Pork Offal, 3 tons 5 cwt. 1 qtr. 14 lb.
 Sheep, Lamb and Offal, 2 cwt. 3 qtrs.
 Fish, 3 cwt. 3 qtrs. 14 lb.
 Bacon, 4 cwt. 27 lb.
 Tinned Ham, 1 cwt. 1 qtr. 8 lb.
 Mushrooms, 15½ lb.
 Apples, 3 cwt. 3 qtrs. 14 lb.
 Eggs, 120.
 Milk, 75 gallons.
 Tinned Fruit, Fish and Vegetables, 76 tins.
 Blackcurrant Pulp, 4 tons 12 cwt.
 Dates, 1 ton 1 qtr. 14 lb.
 Sultanas, 12 cwt. 3 qtrs. 12 lb.
 Dried Egg Yolk, 14 cwt. 2 qtrs. 4 lb.
 Danish Cheeses, 15.

In addition the stocks of 48 foodshops in the Borough damaged as a result of enemy action were inspected and foodstuffs found to be contaminated by splintered glass, fire and water included the following :—meat, butter, margarine, lard, flour, cereals, pickles, sauce, bread, pastries, biscuits, cooked meat, bacon, sugar, tea, coffee, cocoa, sweetmeats, fish, tinned foods, fruit and vegetables.

A large proportion of the foodstuffs unfit for human consumption were salvaged for use as animal and chicken food.

Sugar, butter, margarine and flour were sold to firms approved by the Ministry of Food for refining and processing.

FOOD AND DRUGS (ADULTERATION) ACT, 1928.

840 samples of various foods and drugs were submitted to the Public Analyst during the year by the Council's Sampling Officers for analysis; 64 were found to be inferior and 9 were adulterated. Legal proceedings were taken in respect of 1 of the adulterated samples, and penalties and costs amounting to £1 10s. 6d. were imposed.

PHOSPHATASE TEST.

20 samples of milk sold under the special designation "Pasteurised" were submitted to the phosphatase test during the year. The results of these examinations showed that in 16 cases the pasteurising process had been properly carried out and that 4 samples had been incorrectly pasteurised or had become admixed with raw milk.