

[Report of the Medical Officer of Health for Croydon].

Contributors

Croydon (London, England). County Borough.

Publication/Creation

[1945?]

Persistent URL

<https://wellcomecollection.org/works/r92yr3nf>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

AC 44 132 CRO 46
County Borough of Croydon.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

SCHOOL MEDICAL SERVICE

For the Year 1944

OSCAR M. HOLDEN, G.M., M.D., D.P.H.

CROYDON:

PRINTED BY THE CROYDON TIMES, LTD., 104, HIGH STREET

COUNTY BOROUGH OF CROYDON.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

SCHOOL MEDICAL OFFICER

For the Year 1944.

OSCAR M. HOLDEN, G.M., M.D., D.P.H.

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

LADIES AND GENTLEMEN,

I herewith have the honour to present my Seventeenth Annual Report on the Health activities carried out by the Council, being the 45th of the series.

The Report retains the abbreviated form followed last year.

The Birth Rate for the year was 19.4 per 1,000, an increase of 1.00 per 1,000 over 1943.

The Death Rate was 15.1, an increase of 2.00 per 1,000 of population.

The Infantile Mortality rate was 44 per 1,000 live births, an increase of 7 per 1,000 upon 1943. The Maternal mortality was 2.17 per 1,000 total live and still births.

These mortality rates all show an increase, possibly accounted for by five years of war conditions, and, although morbidity rates, if available, would be a more accurate index of the general health of the population, there seems to be evidence that the restrictions and rationing of foodstuffs may be having some adverse effect. It would be an exaggeration to say that there is a general state of subnutrition, but it is not unlikely that the restriction of such articles as milk, butter and meat, is not helping to maintain high nutritional standards among all sections of the population.

ii.

Notifiable Infectious Diseases remained low, and most gratifying is the infrequency of cases of Diphtheria. Much of the credit of this latter result is due to immunisation. A disease which formerly was prevalent in the town and caused annually deaths among the younger age groups has become of minor significance. There were no deaths during the year from this illness.

Full statistics are given of patients treated in Mayday Hospital, which is classified as a general hospital under the Emergency Hospitals Scheme of the Ministry of Health; 250 beds were held always ready for emergencies, and another 250 were available within 48 hours.

The major causes of death among the general population were Diseases of the Cardiac and Circulatory system, which reached a new height of 6.09 per 1,000 of the population. Since 1939 this figure has risen each year. Next were deaths from diseases of the Respiratory system, including Pulmonary Tuberculosis (1.95): and Deaths from War operations, 1.68 per 1,000 of the population.

The incidence of skin affections remains high, and it is not particularly associated with dirt or overcrowding. During the year 527 appointments were made for families to attend at the Cleansing Station for Scabies treatment, comprising 1,325 individuals. 470 families attended for the treatment, totalling 1,147 individuals. The method of treatment was by Benzyl Benzoate and was successful in one application in the majority of cases. Very severely infected persons required a second treatment. They numbered 425. It is noticeable that many children admitted to the Borough Hospital, and seen at school have small sores at the corners of the mouth, or behind the ears and at the junction of nose and the upper lip. Also it has been observed that these sores are slow in clearing up. This is, it is suggested, evidence of a degree of subnutrition.

The scheme for the diagnosis and treatment of Venereal Disease has functioned on the same lines as formerly. Our experience of the working of Regulation 33B is not such as to lead to any anticipation that it is likely to be of much value as a preventive measure. The particulars obtained are often too vague to give any knowledge of the source of infection. In those instances where accurate information has been given, the person who is the source of alleged infection has, in all but four presented themselves for examination. The following figures

iii.

give a summary of the work done under the Regulation during 1944 :—

Contacts notified to the Medical Officer of Health during the period 1st January, 1944—31st December, 1944 :

	M.	F.
(1) Total number in respect of whom Form 1 was received	—	47
(2) No. of cases in (1) in which attempts were made outside the scope of the Regulation to persuade the contact to be examined before the latter had been named on a second Form 1—		
<i>Contacts found</i>	—	16
,, <i>examined</i>	—	12
(3) No. of those in (1) in respect of whom two or more Forms 1 were received	—	2
(4) No. of those in (3) who were—		
(a) found	—	1
(b) examined after persuasion	—	—
(c) served with Form 2	—	1
(d) examined after service of Form 2	—	1
(e) prosecuted for failure		
(i) to attend for, and submit to, medical examination	—	—
(ii) to submit to and continue treatment	—	—

The incidence rate for Pulmonary Tuberculosis was 1.43 per 1,000 of the estimated population, and for non-Pulmonary Tuberculosis 0.23. Both these figures are down upon the 1943 figures.

Mass Radiography was not carried out in 1944. Arrangements, however, were completed with the Surrey County Council for the use of their Unit, and premises at 20, Katharine Street were made ready for its reception early in 1945.

The Maternity and Child Welfare Services have continued satisfactorily in spite of the flying bomb attacks, which of necessity reduced the numbers attending on account of evacuation, and dislocated occasionally the holding of Clinic sessions. Comparison with 1943 shows an increase in attendances at the

Infant Welfare Centres, but a decrease in the total number of births notifications. It is interesting also to note—as an illustration of the popular trend—that some 50 per cent. of the total births occurred in Public Maternity Hospitals and another 20 per cent. in Private Maternity Homes. The comprehensive Obstetric Service which has operated in the Borough since 1933, continued to do excellent work. A total of 2,221 patients were dealt with either in Mayday or St. Mary's Hospitals. A total of 21,141 attendances were made by expectant mothers to the Ante-Natal Clinics. The Municipal Midwives delivered 991 mothers in their own homes. It can be claimed with justification that the Council, through its obstetric service, is responsible for the care of at least 75 per cent.—80 per cent. of the births occurring in the Borough. It would therefore seem that arguments which are raised against State or Local Authority intervention in medical affairs are not supported by the public. On the contrary, the demands made are very heavy and cannot always be met with the resources at present available. The Council will have to consider, seriously, a considerable extension of their maternity hospital accommodation and their midwifery service, when times become more settled.

Housing conditions in the town have deteriorated and the position is now such as to cause considerable concern. The damage done by the Flying Bomb attacks from the middle of June onwards, was much greater than previous damage incurred in piloted bomber attacks. No new houses have been built, whilst at the same time many hundreds have been totally destroyed. In the nature of events it has not been practicable to take any steps, other than asking for essential repairs to make the premises habitable, with houses which immediately prior to the outbreak of the war were to have been scheduled for inclusion in Clearance or Redevelopment schemes. A total of 1,320 houses were dealt with, of which 1,120 were made fit for habitation. Scarcity of labour and materials have rendered action, even on the reduced scale indicated, a difficult and tedious matter.

The Flying Bomb attacks brought new work for the Sanitary Inspectors, inasmuch as wide damage was done to food premises with resultant damage to quantities of food. Twenty-three tons of food was condemned as having been rendered unfit for human consumption. In addition, 7 tons of food were removed from shops which had been damaged or rendered unsafe, and placed in the Council's Central Salvage Depot.

The other work of the Sanitary Inspector's Department continued as during the previous year, but perforce on a restricted scale, as 8 Inspectors had left for H.M. Forces.

In conclusion, ladies and gentlemen, I wish to express my indebtedness to the professional, nursing and clerical staffs of my department for the conscientious manner in which they have carried out their duties during the year. Also my thanks are due to the members of the Committee for their help and encouragement throughout a particularly difficult period.

I am,

Yours faithfully,

OSCAR M. HOLDEN,

Medical Officer of Health.

PUBLIC HEALTH COMMITTEE.

NOVEMBER, 1943-1944.

The Worshipful The Mayor (Alderman A. Lester Boddington, J.P.)	Councillor Miss L. Gooch.
Councillor G. Lewin, J.P. (<i>Chairman</i>)	Councillor W. H. Gough.
Councillor H. Regan (<i>Vice-Chairman</i>).	Councillor Mrs. E. M. Regan.
Alderman E. E. L. Arkell, J.P.	Councillor Mrs. G. L. Rogers.
Alderman Mrs. B. J. Roberts.	Councillor D. G. Stewart.
Alderman Mrs. M. Squire, J.P.	Councillor J. T. Twitchett.
Councillor Mrs. V. L. Child.	Councillor G. H. Ward.
Councillor E. E. Constable.	Miss Dorothy Day, M.R.C.S., L.R.C.P., (from 30th September, 1944)
Councillor A. V. Dammarell.	P. W. Hamond, Esq., M.D. (to 30th September, 1944)
Councillor Miss M. H. Glazier.	G. G. Genge, Esq., M.D.

SUMMARY OF VITAL STATISTICS FOR 1944.

Area, 12,617 acres.

Population (Census 1931), 233,115. Population (estimated middle of 1944), 190,130.

Number of Inhabited Houses (1931 Census), 56,429. Over-crowding Census (1936), 65,550.

Rateable Value (1st April, 1944), £2,524,742.

Product of a Penny Rate (1943—1944), £9,600.

Rate in the £: 12/4d.

Gross expenditure on Health and Hospital Services (administered by Medical Officer of Health	£333,946
Income on Health and Hospital Services (excluding transfers)	64,461

Net expenditure on Health and Hospital Services	£269,485
--	----------

Expressed as a Penny Rate, 2/4d. in the pound.

	M.	F.	Total.
Live Births			
Legitimate	1,720	1,588	3,308
Illegitimate	129	146	275
			3,583

Birth-rate per 1,000 of the estimated resident population, 18.8.

Still Births 97. Rate per 1,000 total (live and still) births, 24.5.

Birth-rate (live and still births) per 1,000 population, 19.4.

Deaths, 2,854 (Registrar-General's figures). Death-rate per 1,000 of the estimated resident population, 15.1.

Deaths from diseases and accidents of pregnancy and child-birth, 8; from puerperal and post-abortal sepsis, 3; other causes, 5.

Maternal mortality 2.17 per 1,000 total live and still births.

Death-rate of Infants under one year of age (157 deaths, 3,583 births)—

All Infants per 1,000 live births	...	...	...	44
Legitimate Infants (133 deaths) per 1,000 live births	...	...	...	40
Illegitimate Infants (24 deaths) per 1,000 live births	...	...	...	87
Deaths from Influenza	...	...	...	18
„ „ Whooping Cough (all ages)	...	...	...	11
„ „ Diarrhoea (under 2 years of age)..	...	...	...	15
„ „ Diphtheria (all ages)	...	...	...	—
„ „ Pneumonia	...	...	...	103
„ „ Cancer	...	...	...	410

Rate per
1,000
Population.

Deaths from diseases of Cardiac and Circulatory System (including Cerebral Hæmorrhage)	...	...	...	6.09
„ „ diseases of the Respiratory System (including Tuberculosis)	...	...	...	1.95
„ „ diseases of Renal System	...	...	...	0.27
„ „ diseases of Digestive System	...	...	...	0.60
„ „ Suicide and Violent Causes (excluding War Operations)	...	...	...	0.40
„ „ Old Age (local statistics)	...	...	...	0.99
„ „ War Operations (local statistics)...	...	...	...	1.68

Marriages.

The number of marriages solemnised was 1,578, compared with 1,574 in 1943, 2,042 in 1942, 2,187 in 1941, 2,792 in 1940, and 2,674 in 1939. The marriage rate was 8.3 per 1,000 of the population; 812 were solemnised in Established Churches, 252 in other places of worship, 512 in the Register Office, and 2 performed under Jewish ritual.

Births.

The births registered were 3,308 legitimate and 275 illegitimate. The birth-rate consequently was 18.8. For England and Wales and in the Great Towns the rates were 17.6 and 20.3.

The illegitimate births in Croydon were 7.7 of the total, compared with 7.8 in 1943; 7.5 in 1942; 6.3 in 1941; 5.3 in 1940 and 1939; and 4.9 in 1938.

The live male births numbered 1,849, the female 1,734, being a proportion of 1,061 males to 1,000 females.

The subjoined table gives the vital statistics for the Wards in the Town. It is seen that the Wards with the highest birth-rates were Addington (26.5) and Waddon (19.9). Those with the lowest were Norbury (10.2) and Upper Norwood (11.5).

Deaths.

The deaths numbered 2,854, compared with 2,611 in 1943. For 1944 the death-rate was 15.1; for 1943 it was 13.1. The death-rate for England and Wales was 11.6, and for the Great Towns 13.7. For London the death-rate was 15.7.

There were 126 inquests held by Coroners in respect of Croydon residents during 1944, and 175 findings by Coroners after post-mortem examination without inquest.

Wards with the highest death-rates were Whitehorse Manor (20.2), South (17.9), Upper Norwood (16.1), and Central (16.0). Lowest: Addington (11.5), West Thornton (12.5), and Addiscombe (12.6).

WARDS.	Estimated Population.	Births.	Deaths.	Birth Rate.	Death Rate.	Deaths under 1 year per 1,000 Births.	Death Rate from Six Zymotic Diseases (excluding Diarrhoea)	Death Rate from Diarrhoea.	Death Rate from Bronchitis and Pneumonia.	Death Rate from Pulmonary Tuberculosis.	Death Rate from Non-Pulmonary Tuberculosis.	Death Rate from Heart and Circulation Diseases.	Death Rate from Nervous Diseases.	Death Rate from Cancer.	Natural Increase or Decrease of Population.
Upper Norwood ...	12578	145	203	11.5	16.1	62	—	—	1.51	0.87	0.08	6.04	0.56	2.15	— 35
Norbury ...	12620	129	187	10.2	14.8	70	—	0.16	0.78	0.48	—	4.75	0.48	1.98	— 52
West Thornton ...	15397	191	193	12.4	12.5	52	—	0.19	0.97	0.45	—	3.96	0.39	2.14	+ 51
Bensham Manor	12575	197	198	15.7	15.7	71	0.08	0.08	1.43	0.56	—	5.33	0.72	2.30	+ 72
Thornton Heath ...	14172	210	206	14.8	14.5	33	—	0.07	1.34	0.42	0.01	4.66	0.42	1.98	+ 77
South Norwood ...	13851	203	216	14.7	15.6	64	—	0.07	1.37	0.65	0.07	5.13	0.29	1.88	+ 74
Woodside ...	12623	227	177	18.0	14.0	57	—	0.08	1.11	0.32	0.08	5.31	0.32	1.98	+ 38
East ...	12660	167	172	13.4	13.6	36	—	0.08	0.95	0.47	0.08	5.13	0.47	2.13	+ 44
Addiscombe ...	12806	208	188	16.2	12.6	53	0.08	0.08	1.56	0.70	0.16	4.61	0.31	2.81	+ 91
Whitehorse Manor	13134	224	266	17.1	20.2	67	—	0.08	2.13	0.69	—	6.55	0.38	3.65	+ 74
Broad Green ...	13520	236	195	17.5	14.4	21	—	0.15	1.70	0.44	0.07	5.77	0.52	1.92	+ 47
Central ...	9589	133	153	13.9	16.0	75	0.10	—	1.56	0.52	0.10	5.63	0.10	2.19	— 14
Waddon ...	14366	286	186	19.9	12.9	52	—	0.21	1.32	0.49	—	5.08	0.14	2.02	+109
South ...	11856	178	212	15.0	17.9	45	0.08	0.42	1.43	0.25	—	6.16	0.42	2.19	— 13
Addington ...	8383	222	96	26.5	11.5	49	0.12	—	0.95	0.24	0.12	4.29	0.48	1.55	+211
The Borough ...	190130	*3583	*2854	18.8	15.1	44	0.03	0.12	1.34	0.51	0.06	5.24	0.40	2.21	+774

* These are the corrected totals.

The totals of births in each Ward do not include inward transfers.

REGISTRAR GENERAL'S TABLE OF DEATHS ACCORDING TO CAUSE, AGE AND SEX.

	Sex	All Ages	0—	1—	5—	15—	45—	65—
All Causes	M	1444	95	17	31	135	409	757
	F	1410	62	19	14	130	292	893
Whooping Cough	M	6	4	2	—	—	—	—
	F	5	1	3	1	—	—	—
Encephalitis Lethargica	M	—	—	—	—	—	—	—
	F	1	—	—	—	—	—	1
Cerebro Spinal Fever	M	2	—	2	—	—	—	—
	F	—	—	—	—	—	—	—
Measles	M	—	—	1	—	—	—	—
	F	1	—	—	—	—	—	—
Influenza	M	9	2	—	1	1	1	4
	F	9	1	—	—	—	—	8
Poliomyelitis & Polioencephalitis	M	1	—	—	—	1	—	—
	F	—	—	—	—	—	—	—
Tuberculosis (respiratory)	M	65	—	—	1	28	27	9
	F	27	—	1	—	19	5	2
Tuberculosis (other forms)	M	6	1	1	—	2	1	1
	F	7	2	2	1	2	—	—
Syphilitic diseases	M	10	—	—	—	—	4	6
	F	2	—	—	—	—	1	1
Cancer	M	212	—	1	—	11	93	107
	F	198	—	—	—	12	91	95
Diabetes	M	1	—	—	—	—	—	1
	F	11	—	—	—	3	1	7
Intra cranial vascular lesions	M	105	—	—	—	—	29	76
	F	169	—	—	—	2	26	141
Heart diseases	M	383	—	—	—	8	76	299
	F	430	—	—	1	14	40	375
Other circulatory diseases	M	44	—	—	—	—	7	37
	F	27	—	—	—	—	2	25
Bronchitis	M	85	2	1	1	1	23	57
	F	63	1	—	—	—	6	56
Pneumonia (all forms)	M	58	15	4	2	2	14	21
	F	45	4	3	—	3	8	27
Other respiratory diseases	M	10	—	—	1	2	5	2
	F	18	—	—	—	3	5	10
Ulcer of stomach or duodenum	M	25	—	—	—	2	12	11
	F	9	—	—	—	—	3	6
Diarrhoea (under 2 years)	M	9	9	—	—	—	—	—
	F	6	6	—	—	—	—	—
Appendicitis	M	8	—	—	1	1	1	5
	F	2	—	—	—	—	1	1
Other digestive diseases	M	29	—	1	—	3	10	15
	F	27	—	—	—	5	6	16
Nephritis	M	25	—	—	—	2	7	16
	F	26	—	—	1	2	4	19
Puerperal sepsis	F	3	—	—	—	3	—	—
Other maternal causes	F	5	—	—	—	5	—	—
Congenital debility, malformations, premature birth, etc.	M	55	51	—	1	2	1	—
	F	48	41	1	—	1	2	3
Suicide	M	11	—	—	1	2	7	1
	F	6	—	—	—	2	2	2
Road traffic accidents	M	10	—	—	1	4	4	1
	F	7	—	—	—	1	2	4
Other violent causes	M	182	4	5	19	59	63	32
	F	179	2	8	8	47	62	52
All other causes	M	93	7	—	2	4	24	56
	F	79	4	—	2	6	25	42
TOTALS		2854	157	36	45	265	701	1650

Comparisons with 1943.

In the zymotic diseases group there were 11 deaths from Whooping Cough and 1 from Measles. There were again no deaths in the Typhoid group. There were no deaths from Diphtheria, compared with 2 in 1943.

The deaths from Pulmonary Tuberculosis decreased by 11; those from Cancer by 44; those from Pneumonia by 14; and 47 in those caused by Bronchitis.

Deaths from Suicide show a decrease of 4, and road traffic accidents remained the same.

The total number of deaths was 2,854, as compared with 2,611 in 1943.

The percentage of deaths under 1 year of age to the total deaths was 5.5 per cent.; deaths under 15 years, 8.3 per cent.; deaths under 65 years, 42.2 per cent.; and deaths over 65 years, 57.8 per cent. The corresponding figures for 1943 were 5.2 per cent., 7.4 per cent., 41.2 per cent., and 58.8 per cent. respectively.

The above total differs slightly from the total recorded by the department, as the period covered by the Registrar-General refers to the weekly returns from the Registrars, while the department records are calculated from 1st January to 31st December.

WATER.

The Water supply is drawn from deep wells in the chalk. These wells are situated in Surrey Street, Stroud Green, Waddon, Selhurst and Addington. A portion of the northern side of the Borough is supplied with water which is purchased in bulk from the Metropolitan Water Board.

The amount of water consumed during the year was—

Corporation's Wells	1,686,187,783
Metropolitan Water Board in bulk ...	676,114,000
	2,362,301,783

The Water supply has been satisfactory in quality and quantity. During the summer months, owing to the general water shortage, the Metropolitan Water Board prohibited the use of hosepipes for garden watering, etc., within its area of supply, and according to the terms of the Agreement by which a bulk supply of water is purchased by the Corporation from the Board, it was necessary for similar restrictions to be imposed within the Croydon water limits.

The supply is piped throughout the area.

(a) Bacteriological Examinations.

Regular bacteriological examinations were made of the raw water going into supply after treatment.

265 raw water samples and 900 treated water samples were thus examined bacteriologically during the year by the Chemist and Bacteriologist on the staff of the Water Undertaking. In addition 81 samples of treated water were subjected to bacteriological examination by the Consultant Bacteriologist to the Water Undertaking. Further samples were submitted by the Medical Officer of Health for examination by the Public Analyst.

The results of the bacteriological examination of the raw waters were typical of waters pumped from the chalk, some of them shewing the normal deterioration in quality which occurs after heavy rain. In all cases the examinations shewed that the raw water was suitable for treatment.

The bacteriological examinations of the treated waters shewed that these waters were of uniformly excellent quality.

(b) Chemical Analyses.

The arrangements for chemical analyses are similar to those for bacteriological examinations. The total numbers of samples analysed in the Water Department's laboratory and by the Consultant were 91 of raw waters and 160 of treated waters going into supply.

The results of the chemical analyses were uniformly satisfactory.

The waters are not liable to have plumbo-solvent action.

No cases of contamination of any of the sources of supply arose during the year.

The whole of the population and dwelling-houses within the area of supply are supplied from public water mains direct to the houses.

During 1944 the total number of samples taken by the Public Health Department was as follows :—

For bacteriological examination	...	...	66
For chemical examination	...	...	62

All these samples were taken direct from consumers' taps.

In two cases the bacteriological results were not entirely satisfactory. Investigation was immediately carried out and check samples taken at adjacent premises. In both cases the contamination proved to be local in character, one being due to the tap from which the sample was taken being contaminated, and the other being due to a defect in the service pipe to a particular house.

LABORATORY, AMBULANCE, NURSING FACILITIES, HOSPITALS, Etc.

There have been no material changes in the Laboratory, Ambulance, and Nursing Facilities in the home since my report in 1940. All Clinics have continued throughout the year.

DEPARTMENTAL CLASSIFICATION OF DEATHS ACCORDING TO DISEASE OVER A PERIOD OF SIX YEARS.

Cause of Death.	1939 Total Deaths	1940 Total Deaths	1941 Total Deaths	1942 Total Deaths	1943 Total Deaths	1944 Total Deaths	Death Rate
Enteric Fever	2	—	1	—	—	—	—
Malaria	—	—	1	—	—	—	—
Poliomyelitis	—	—	—	—	—	1	0.005
Measles	—	—	5	—	1	1	0.005
Scarlet Fever	—	—	—	1	1	—	—
Whooping Cough	3	2	6	3	1	10	0.052
Diphtheria and Croup	16	4	4	3	2	—	—
Influenza (incl. Influenzal pneumonia)	48	49	36	19	81	19	0.100
Dysentery	1	—	2	2	—	—	—
Erysipelas... ..	2	2	—	1	—	1	0.005
Cerebro-Spinal Fever	2	16	8	6	1	1	0.005
Pulmonary Tuberculosis	89	128	90	97	107	98	0.515
Tuberculous Meningitis... ..	18	21	19	19	16	11	0.058
Other Tuberculous Diseases	—	—	—	—	—	—	—
Cancer, Malignant Disease	419	443	376	409	454	420	2.209
Rheumatic Fever	2	8	2	3	2	2	0.010
Meningitis... ..	3	5	3	9	7	4	0.021
Organic Heart Disease	782	682	672	741	515	563	2.961
Bronchitis, Acute and Chronic	47	130	80	131	150	126	0.663
Pneumonia	151	206	194	113	182	129	0.663
Other Diseases of the Respiratory Organs	13	21	30	22	17	23	0.129
Diarrhoea & Enteritis	23	18	13	15	21	22	0.116
Appendicitis	15	15	10	6	8	8	0.042
Cirrhosis of Liver	12	1	10	5	4	2	0.010
Alcoholism	1	2	1	—	—	—	—
Nephritis & Bright's Disease	63	63	60	57	44	44	0.231
*Puerperal Sepsis	2	2	3	3	1	—	—
*Other diseases and accidents of pregnancy and parturition	2	3	5	9	1	8	2.174
Congenital debility, malformation and Premature Birth	71	53	34	82	73	89	0.461
Violent Deaths (excluding War opera- tions and suicide)	77	61	74	61	46	45	0.236
Suicide	28	20	20	24	21	16	0.084
Other Defined Diseases... ..	662	1152	778	568	860	1206	6.343
Diseases Ill-Defined or Unknown	3	11	2	—	12	8	0.042
TOTAL	2557	3118	2539	2409	2628	2857	—

* Calculated per 1,000 live and still births.

1944 showed an increase both in the death and birth rates.

The death rate, excluding deaths from War operations, showed a slight increase only (0.4)

MAYDAY HOSPITAL.

TABLE I.

Medical Superintendent:

C. F. SWINTON, M.D., F.R.C.S.(Ed.), Ch.M.

NURSING STAFF.

Matron: Miss F. ROBERTS, S.R.N.

Trained Nurses	...	83	Assistant Nurses	...	7
Student Nurses	...	84	Male Attendants	...	6

Steward: Mr. R. GRIST.

The following Specialist Services are carried on:—Ortho-
pædic, Gynæcological, Dental, X-Ray, Deep X-Ray Therapy,
Massage, Ultra-Violet Light, Ophthalmic, Ear, Nose and
Throat, School E.N.T. Clinic, Gastroscopy.

TABLE I.

1.—Total number of admissions (including infants born in hospital)	7,557
2.—Number of women confined in hospital	1,066
3.—Number of live births	1,044
4.—Number of still births	38
5.—Number of deaths among the newly-born (<i>i.e.</i> , under 4 weeks of age)	64
6.—Number of deaths among children under one year (including those given under 5)	97
7.—Number of maternal deaths among women admitted to hospital for confinement	4
8.—Total number of deaths	829
9.—Total number of discharges (including infants born in hospital)	6,130
10.—Duration of stay of patients included in 8 and 9 above—	
(a) Under four weeks	6,109
(b) Four weeks and under thirteen weeks	1,287
(c) Thirteen weeks or more	230
11.—Number of beds occupied (excluding cost in maternity wards)—	
(a) Average during the year	413
(b) Highest ... 545 on 29.2.44	
(c) Lowest ... 252 on 25.8.44	
12.—Number of surgical operations under anæsthetic	2,369
13.—Number of abdominal sections	580

TABLE II.

Classification of In-Patients who were discharged from or who died in the Institution during the year ended 31st December, 1944.

Disease Groups.	Children (under 16)		Men and Women.	
	Dis- charged.	Died.	Dis- charged.	Died.
A.—Acute infectious disease	44	—	10	—
B.—Influenza	3	—	8	—
C.—Tuberculosis : Pulmonary	3	1	60	36
Non-Pulmonary	3	2	7	3
D.—Malignant Disease	—	1	92	101
E.—Rheumatism :—				
(1) Acute rheumatism (rheumatic fever) to- gether with sub-acute rheumatism and chorea	2	—	5	—
(2) Non-articular manifestations of so called "rheumatism" (muscular rheumatism, fibro- sitis, lumbago, and sciatica)	—	—	5	—
(3) Chronic Arthritis	—	—	10	1
F.—Venereal Disease	—	—	2	—
G.—Puerperal Pyrexia	—	—	1	—
Puerperal Fever	—	—	—	—
H.—Other diseases and accidents connected with pregnancy and childbirth	—	—	295	6
I.—Mental diseases	10	—	227	3
J.—Senile decay	—	—	119	2
K.—Accidental injury and violence	28	2	198	14
<i>In respect of cases not included above.</i>				
L.—Diseases of the Nervous System and Sense Organs	13	5	92	98
M.—Disease of the Respiratory System	82	16	270	74
N. " " Circulatory System	7	4	215	277
O. " " Digestive System	120	11	560	61
P. " " Genito Urinary System... ..	64	3	95	29
Q. " " Skin	65	—	101	1
R.—Other diseases.	570	29	490	13
S.—Mothers and infants discharged from Maternity Wards and not included in above figures :—				
Mothers	—	—	1150	—
Infants	1020	36	—	—
T.—Any persons not falling under any of the above headings	39	—	45	—
TOTALS	2073	110	4057	719

NUMBER OF X-RAY FILMS TAKEN.

Spine	...	...	...	...	...	...	...	...	291
Bones ...	...	...	...	...	...	...	...	...	1,404
Pelvis...	...	...	...	...	...	...	...	...	46
Chest ...	...	...	...	...	...	...	...	...	2,531
Barium Meals	...	...	...	...	...	...	...	...	506
Barium Enemas	...	...	...	...	...	...	...	...	39
Renal ...	...	...	...	...	...	...	...	...	128
Gall-Bladder	...	...	...	...	...	...	...	...	96
Teeth ...	...	...	...	...	...	...	...	...	628
Abdominal ...	...	...	...	...	...	...	...	...	32
Maternity Cases	...	...	...	...	...	...	...	...	592
Skull ...	...	...	...	...	...	...	...	...	374
									6,667
Total number of Cases X-rayed									3,800

DIAGNOSTIC.

	1943.	1944.
Oesophagus with Barium	10	3
Barium Meals	124	82
Barium Enemata	20	27
Gall-Bladder (Plain)	7	9
Cholecystograms	26	20
Renal Tracts (Plain)	23	14
Pyelograms	29	19
Abdomen for F.B.'s, etc.	26	15
Maternity Cases	425	393
Hystero-graphies	13	7
Lungs (Mayday Hospital)	578	448
(Sick Staff)	3	7
(Staff on Appointment)	100	109
(T.B. Dispensary)	1,506	1,362
(Others)	18	18
Lungs after Lipiodol	2	1
Heart and Aorta	14	4
Skulls	73	81
Accessory Nasal Sinuses	42	37
Vertebral Column	99	106
Ribs	23	42
Pelvis	31	24
Long Bones	180	209
Short Bones	79	312
Joints	348	391
Teeth and Jaws	151	191
	3,950	3,931
EXAMINATIONS BY PORTABLE SET	128	99

X-RAY.

	1943.	1944
Men's Wards	543	609
Women's Wards	668	574
Children's Wards	111	83
Maternity and Gynaecological Wards ...	128	77
Staff	137	174
TOTAL "IN-PATIENTS" ...	1,587	1,517

T.B. Dispensary (Men)	846	640
(Women)	556	623
(Children under 16) ...	104	99
Croydon Borough Hospital	2	2
Ante-Natal Clinic	356	316
Queen's Road Homes	29	30
Dental Clinic	112	191
Others	74	373
St. Mary's Hospital	8	9

TOTAL "OUT-PATIENTS" ... 2,087 ... 2,283

TOTAL ... 3,674 ... 3,800

"Screen Examinations" 945 ... 708

MASSAGE.

Massage	9,346
Exercises	14,021
Radiant Heat	6,686
Electrical	544
Infra-red	3,032
Ultra Violet Light	1,251
Wax	56

34,936

Total number of patients treated ... 1,757

MENTAL PATIENTS DEALT WITH DURING THE YEAR.

	Male.	Female.
Admitted	95	135
Certified and sent to Warlingham Park Hospital	9	26
As Voluntary Patients to Warlingham Park Hospital	48	87
Discharged not certified	38	22

**SPECIMENS EXAMINED IN THE PATHOLOGICAL LABORATORY
DURING THE YEAR.**

					<i>Positive.</i>	<i>Negative.</i>	
Swabs for Diphtheria	...	...	...	...	—	...	853
Sputa for T.B.	...	...	...	...	237	...	398
Pus for T.B.	...	...	...	...	4	...	1
Pus for Gonococci	...	...	...	...	—	...	—
Urine for T.B.	...	...	...	...	—	...	5
Faeces for T.B.	...	...	...	...	6	...	11
Faeces for Coli Typhoid Group	...	...	...	...	11	...	279
Blood—Widals	...	...	...	...	—	...	6
Hairs for ringworm	...	...	...	...	1	...	1
Blood cultures	...	...	...	...	8	...	25
Faeces for occult blood	...	...	...	...	129	...	133
Urine for routine examination	...	...	...	...	...	...	2,108
Pus for organisms	...	...	...	...	...	...	885
Blood urea estimations	...	...	...	...	...	...	195
Blood sugar estimations	...	...	...	...	...	...	248
Cerebro spinal fluids	...	...	...	...	...	...	113
Urea Conc. Tests	...	...	...	...	...	...	53
Urea clearance tests	...	...	...	...	...	...	7
Fractional test meals	...	...	...	...	...	...	129
Pleural fluids	...	...	...	...	...	...	94
Blood counts	...	...	...	...	...	...	56
Haemoglobin estimations	...	...	...	...	...	...	466
Blood groups	...	...	...	...	...	...	893
Compatibility tests	...	...	...	...	...	...	268
Faecal fat estimations	...	...	...	...	...	...	180
Van den Bergh re-action	...	...	...	...	...	...	2
Vaccines	...	...	...	...	...	...	14
Blood sedimentation rates	...	...	...	...	...	...	7
Glucose tolerance tests	...	...	...	...	...	...	433
Blood coagulation and bleeding time	...	...	...	...	...	...	1
Other examinations—unclassified	...	...	...	...	...	...	11
							302
Total number of Examinations							6,465
Number of Specimens sent to Croydon General Hospital							468

**NUMBER OF POST MORTEMS ORDERED BY THE CORONER AND
PERFORMED AT MAYDAY HOSPITAL DURING THE YEAR.**

Outside Cases	...	...	225
Hospital Cases	...	...	57

NUMBER OF POST MORTEMS NOT ORDERED BY THE CORONER 50

THERAPY DEPARTMENT.

Condition for which Treatment was given.	No. of Patients.	No. of Applications.	Cured.	Relieved.	Died.	Transferred to other Hosps.	Still under Treatment.
Carcinoma of Uterus ...	1	18	—	1	—	—	—
Cervix ...	2	12	—	1	—	—	1
Ovary ...	2	24	—	2	—	—	—
Oesophagus	1	5	—	—	1	—	—
Breast ...	22	189	—	13	1	1	7
Lung ...	2	32	—	1	1	—	—
Testicle ...	1	1	—	—	—	—	1
Sarcoma of Hip ...	2	17	—	1	1	—	—
Buttock ...	1	12	—	1	—	—	—
Epithelioma of lip ...	1	—	—	—	1	—	—
vulva ...	4	72	—	3	—	—	1
Menorrhagia ...	4	42	3	1	—	—	—
Lymphatic Leukaemia ...	7	84	—	6	1	—	—
Myeloma ...	1	12	—	1	—	—	—
Sarcoma of muscles of thigh ...	1	7	—	1	—	—	—
Pruitus Vulva ...	1	3	—	1	—	—	—
Boecks Sarcoid ...	1	12	—	1	—	—	—
Ewings Tumour ...	1	26	—	1	—	—	—
Carcinoma of Bronchus ...	2	5	—	—	—	1	1
	57	573	3	35	6	2	11
Corresponding totals for 1943 ...	78	930	4	56	12	1	6

TABLE III

Diagnoses in Cases Treated				MEDICAL.				SURGICAL.				TOTAL
				Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
ALIMENTARY.												
Appendicitis	...	...	...	—	—	—	—	141	35	7	1	184
Gastric ulcer	...	...	...	6	26	4	3	2	6	1	1	49
Duodenal ulcer	...	...	...	3	14	5	2	7	6	2	4	43
Anastomatic ulcer	...	...	...	—	—	—	—	—	1	—	—	1
Dyspepsia	...	...	...	—	—	—	—	4	2	—	—	6
Cholelithiasis	...	...	...	—	3	1	—	2	1	—	—	7
Colitis	...	...	...	1	2	5	2	1	1	—	—	12
Intestinal obstruction	...	...	...	—	—	—	—	5	10	1	19	35
Ischio-rectal abscess	...	...	...	2	8	—	—	—	—	—	—	10
Constipation...	...	...	...	9	27	6	—	—	—	—	—	42
Hernia	...	...	...	—	—	—	—	54	50	14	3	121
Haemorrhoids	...	...	...	—	—	—	—	10	3	—	—	13
Cholecystitis...	...	...	...	—	—	—	—	10	10	4	1	25
Gastro enteritis	...	...	...	9	5	1	8	—	—	—	—	23
Gastritis	...	...	...	6	8	3	—	—	—	—	—	17
Intestinal colic	...	...	...	—	4	—	1	1	3	—	—	9
Catarrhal jaundice	...	...	...	6	4	1	—	1	—	—	—	12
Prolapse of Rectum	...	...	...	1	—	1	—	1	—	—	—	3
Pyloric stenosis	...	...	...	—	2	1	—	3	3	—	3	12
Intestinal Haemorrhage	...	...	...	—	—	1	—	—	—	—	—	1
Diarrhoea	...	...	...	1	2	—	—	—	—	—	—	3
Nervous Dysphagia	...	...	...	1	—	—	—	—	—	—	—	1
Peptic Ulcer	...	...	...	—	1	2	—	—	—	—	—	3
Appendicular Colic	...	...	...	2	1	—	—	—	1	—	—	4
Peritonitis	...	...	...	—	—	—	2	6	9	1	10	28
Stomatitis	...	...	...	—	1	—	—	—	—	—	—	1
Pelvic Abscess	...	...	...	2	—	—	—	1	—	—	—	3
Jaundice	...	...	...	3	—	—	1	—	1	1	—	6

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Collapse	—	10	2	1	—	—	—	—	13
Pyioric Ulcer	—	1	—	—	—	—	—	—	1
Peritonsillar Abscess ...	—	—	—	—	1	3	2	—	6
Appendicular Abscess ...	—	—	—	—	—	4	1	1	6
Perineal Abscess	—	—	—	—	—	1	—	—	1
Acidosis	—	—	—	—	1	—	—	—	1
Abdominal Abscess ...	—	—	—	—	1	—	—	—	1
Pancreatitis	4	3	—	2	—	—	—	—	9
Hepatic abscess	—	—	—	—	—	2	—	—	2
Ascitis	—	—	1	—	—	—	—	—	1
Diverticulitis	—	—	—	1	—	1	1	—	3
Gallstone Colic	—	—	—	—	—	1	1	1	3
Intussusception	—	1	—	—	1	2	—	1	5
Hepatitis	—	1	—	—	—	—	—	—	1
Coeliac Disease	1	—	—	—	—	—	—	—	1
Haematemesis of unknown origin	1	8	6	4	—	—	—	—	19
Liver Abscess	—	—	—	—	—	1	—	—	1
Visceroptosis	—	—	2	—	—	—	—	—	2
Malaena	—	2	—	—	—	—	—	—	2
									752
BONES, AND JOINTS.									
Arthritis	1	4	5	1	—	—	—	—	11
Fibrositis	2	9	—	—	—	—	—	—	11
Bursitis	5	3	1	—	—	—	—	—	9
Sacro-iliac strain	2	1	—	—	—	—	—	—	3
Paget's Disease	—	2	1	—	—	—	—	—	3
Spina bifida	—	1	—	1	—	—	—	—	2
Pleurodynia	—	1	2	—	—	—	—	—	3
Lumbago	2	1	—	—	—	—	—	—	3
Synovitis	2	2	1	—	—	—	—	—	5
Osteomyelitis	2	9	5	—	—	—	—	—	16

[illegible]

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Lung	—	—	—	—	—	—	3	10	13
Bronchus	—	—	—	—	—	—	2	3	5
Pancreas	—	—	—	—	—	—	1	—	1
Epithelioma	—	—	—	—	—	3	5	2	10
Nose	—	—	—	—	—	—	—	1	1
Peritonei	—	—	—	—	—	—	1	—	1
Cervix uteri	—	—	—	—	—	—	1	5	6
Sarcoma	—	—	—	—	—	3	2	5	10
Penis	—	—	—	—	1	—	—	—	1
Spine... ..	—	—	—	—	—	—	1	2	3
Liver	—	—	—	—	—	—	—	5	5
Rodent ulcer	—	—	—	—	—	—	—	1	1
Thyroid	—	—	—	—	—	—	1	1	2
Glands	—	—	—	—	—	—	1	2	3
Vulva	—	—	—	—	—	—	1	1	2
Pylorus	—	—	—	—	—	—	—	1	1
Femur	—	—	—	—	—	—	1	—	1
Ileo-caecal junction	—	—	—	—	—	—	1	—	1
Caecum	—	—	—	—	—	1	2	—	3
Head	—	—	—	—	—	—	—	1	1
Anal canal	—	—	—	—	—	—	—	1	1
									194
CIRCULATORY (<i>Blood</i>).									
Anemia	—	7	—	3	—	—	—	—	10
Septicaemia	2	4	2	10	—	—	—	—	18
Hyperpiesia	—	3	1	—	—	—	—	—	4
Pernicious Anaemia	2	5	2	2	—	—	—	—	11
Thrombosis	—	6	1	4	—	—	—	—	11
Phlebitis	5	3	1	—	—	—	—	—	9
Varicose veins	9	7	2	—	—	—	—	—	18
Gangrene	—	3	4	4	—	—	—	—	11
Leukaemia	—	1	—	1	—	—	—	—	2

[illegible]

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
EAR, NOSE AND THROAT.									
Enlarged T. and A. ...	3	6	—	—	439	4	2	—	454
Quinsy	—	1	—	—	2	—	—	—	3
Otitis Media	23	18	5	1	—	—	—	—	47
Pharyngitis	2	2	—	—	—	—	—	—	4
Mastoiditis	—	—	—	—	12	7	1	2	22
Laryngitis	1	—	—	—	—	—	—	—	1
Catarrh	—	2	—	—	—	—	—	—	2
Sinusitis	—	1	—	—	—	—	—	—	1
Adenoids	—	—	—	—	1	—	—	—	1
Meniere's disease	—	1	1	—	—	—	—	—	2
									537
EYE.									
Iritis	—	1	1	—	—	—	—	—	2
Conjunctivitis	1	2	—	—	—	—	—	—	3
									5
GENITO URINARY.									
Nephritis	3	5	2	3	—	—	—	—	13
Urethral stricture	1	4	2	—	—	—	—	—	7
Pyelitis	10	9	—	2	—	—	—	—	21
Enlarged prostate	6	13	3	4	—	—	—	—	26
Uraemia	—	2	1	21	—	—	—	—	24
Renal colic	—	1	—	—	—	—	—	—	1
Urinary calculus	—	1	—	—	—	—	—	—	1
Pyonephrosis	—	1	—	—	—	—	—	—	1
Suprapubic fistula.	—	2	1	—	—	—	—	—	3
Hypernephroma of kidney...	1	1	—	—	—	—	—	—	2
Hypernephrosis	—	—	—	1	—	1	—	—	2
Epididymo-orchitis	—	1	1	—	—	1	—	—	3

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Circumcision	—	—	—	—	46	8	1	—	55
Haematuria	—	1	2	—	—	—	—	—	3
Diverticulitis	—	—	1	—	—	—	—	—	1
Retention.	—	12	3	1	—	—	—	—	16
Undescended testicle ...	2	—	—	—	—	—	1	—	3
Cystitis	2	3	—	—	3	1	—	—	9
									191
GLANDS.									
Adenitis	7	16	1	—	—	—	—	—	24
Hodgkin's disease	—	—	—	1	—	—	—	—	1
									25
GYNAECOLOGICAL.									
Abortion	—	—	—	—	233	—	1	3	237
Fibrosis Uteri	—	—	—	—	59	4	—	—	63
Ovarian cyst	—	—	—	—	25	—	1	—	26
Uterine haemorrhage ...	—	—	—	—	17	6	1	—	24
Mastitis	—	—	—	—	6	6	—	—	12
Amenorrhoea	—	—	—	—	—	—	1	—	1
Menorrhagia	—	—	—	—	11	—	—	—	11
Metorrhagia	—	—	—	—	5	—	—	—	5
Dysmenorrhoea	—	—	—	—	8	2	—	—	10
Bartholin's cyst	—	—	—	—	1	—	—	—	1
Bartholin's abscess ...	—	—	—	—	7	—	—	—	7
Erosion of cervix	—	—	—	—	23	—	—	—	23
Deficient pelvic floor ...	—	—	—	—	25	—	—	—	25
Cervical polypi	—	—	—	—	5	—	1	—	6
Salpingitis	—	—	—	—	10	—	—	—	10
Retroversion	—	—	—	—	31	2	—	—	33
Salpingo-oophoritis... ..	—	—	—	—	1	—	—	—	1
Retained products	—	—	—	—	4	—	—	—	4
For sterilization	—	—	—	—	—	1	—	—	1

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Sterility	—	—	—	—	24	2	1	—	27
Endometritis	—	—	—	—	3	—	—	—	3
Dermoid cyst	—	—	—	—	2	—	—	—	2
Urethral tear	—	—	—	—	1	—	—	—	1
Pelvic infection	—	—	—	—	1	2	—	—	3
Vaginal discharge	—	—	—	—	4	—	—	—	4
Peritoneal cyst	—	—	—	—	—	—	1	—	1
Imperforate hymen	—	—	—	—	1	—	—	—	1
									542
INFECTIONOUS.									
Influenza	11	—	—	—	—	—	—	—	11
Puerperal pyrexia	1	—	—	—	—	—	—	—	1
Scarlet Fever	—	—	8	—	—	—	—	—	8
Dysentery	—	4	13	—	—	—	—	—	17
Whooping Cough	1	3	5	—	—	—	—	—	9
Measles	1	—	—	—	—	—	—	—	1
Erysipelas	1	—	2	—	—	—	—	—	3
Chicken Pox	1	1	12	—	—	—	—	—	14
Mumps	—	—	1	—	—	—	—	—	1
Rubella	—	—	1	—	—	—	—	—	1
									66
MATERNITY.									
Pyelitis of pregnancy	—	—	—	—	10	2	—	—	12
False labour pains	—	—	—	—	—	1	18	—	19
Ectopic gestation	—	—	—	—	3	3	—	1	7
Albuminuria of pregnancy	—	—	—	—	—	1	1	—	2
A.P.H.	—	—	—	—	—	2	—	—	2
R.B.P.	—	—	—	—	—	7	—	—	7
Toxaemia of pregnancy	—	—	—	—	3	1	—	2	6
Anaemia of pregnancy	—	—	—	—	—	1	—	—	1

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re- lieved	Unre- lieved	Died	Cured	Re- lieved	Unre- lieved	Died	
Vomiting of pregnancy ...	—	—	—	—	1	1	—	—	2
A.N. Observation ...	—	—	—	—	—	1	—	—	1
A.N. rest ...	—	—	—	—	1	—	—	—	1
Termination of pregnancy	—	—	—	—	4	—	—	—	4
Mothers ...	—	—	—	—	1150	—	—	—	1150
Babies ...	—	—	—	—	1020	—	—	36	1056
									2270
MENTAL.									
Uncertified ...	2	10	136	1	—	—	—	—	149
Certified ...	—	—	35	—	—	—	—	—	35
M.D. ...	—	2	4	—	—	—	—	—	6
Epilepsy ...	—	23	9	2	—	—	—	—	34
Senile Dementia ...	—	—	4	—	—	—	—	—	4
Loss of memory ...	1	1	—	—	—	—	—	—	2
Hysteria ...	—	6	1	—	—	—	—	—	7
Depression ...	—	3	—	—	—	—	—	—	3
									240
NERVOUS AND SENSORY.									
Cerebral haemorrhage ...	2	5	4	46	—	—	—	—	57
Meningitis ...	—	—	1	5	—	—	—	—	6
Chorea ...	1	5	2	—	—	—	—	—	8
Hemiplegia ...	1	7	11	16	—	—	—	—	35
Neurasthenia ...	1	2	—	—	—	—	—	—	3
Neurosis ...	—	9	2	—	—	—	—	—	11
Cerebral thrombosis ...	—	9	4	26	—	—	—	—	39
Disseminated sclerosis ...	—	—	—	1	—	—	—	—	1
Paralysis agitans ...	—	1	2	1	—	—	—	—	4
Neuritis ...	—	—	3	—	—	—	—	—	3
Convulsions ...	—	3	—	—	—	—	—	—	3
Cerebral tumour ...	—	—	3	—	—	—	—	—	3

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
VENEREAL.									
Syphilis	—	—	2	—	—	—	—	—	2
VIOLENCE.									
Fractured limbs	—	—	—	—	5	45	23	10	83
Fractured spine	—	—	—	—	—	1	1	1	3
Fractured malleolus	—	—	—	—	—	9	3	—	12
Fractured skull	—	—	—	—	1	4	1	2	8
Fractured ribs	—	—	—	—	3	5	—	—	8
Fractured clavicle	—	—	—	—	1	2	—	—	3
Fractured pelvis	—	—	—	—	2	2	—	—	4
Fractured sacrum	—	—	—	—	—	1	—	—	1
Fractured nasal bones	—	—	—	—	—	1	—	—	1
Minor injuries	—	—	—	—	10	5	2	—	17
Contusions and abrasions	—	—	—	—	4	8	—	—	12
Sprain	—	—	—	—	2	4	2	—	8
Bruises	—	—	—	—	1	—	1	—	2
Dislocation	—	—	—	—	—	7	—	—	7
Gun shot wound	—	—	—	—	—	—	7	—	7
Concussion	—	—	—	—	10	21	1	—	32
Lacerations, wounds, etc.	—	—	—	—	9	18	4	3	34
									242
MISCELLANEOUS.									
Poisoning	2	2	—	1	—	—	—	—	5
Alcoholism	2	—	—	—	—	—	—	—	2
Dental caries	1	—	1	—	—	—	—	—	2
B.B.A.	9	—	—	—	—	—	—	—	9
N.A.D.	45	—	—	—	—	—	—	—	45
Warts	1	1	—	—	—	—	—	—	2

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				Total
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
With Mother	30	—	—	—	—	—	—	—	30
Hare lip	1	2	—	1	—	—	—	—	4
Prematurity	8	—	—	19	—	—	—	—	27
Foreign body	6	—	—	—	—	—	—	—	6
Extraction of tooth ...	—	—	—	—	1	2	—	—	3
Amputations	—	—	—	—	1	7	—	—	8
									143

TOTAL NUMBER OF PATIENTS DISCHARGED FROM MAYDAY HOSPITAL
YEAR ENDED 31st DECEMBER, 1944.

Cured	4,076
Relieved	1,185
Unrelieved	869
Died	829
	<u>6,959</u>

TOTAL NUMBER OF OUT-PATIENTS TREATED AT MAYDAY HOSPITAL
DURING THE YEAR 8,124

OPERATIONS PERFORMED AT MAYDAY HOSPITAL DURING 1944

ABDOMINAL.

Appendicectomy	158
Appendix abscess drained	4
Sigmoidoscopy	10
Herniotomy	93
Cholecystectomy	21
Laparotomy	45
Gastro-enterostomy	7
Colostomy	14
Perforated gastric ulcer	24
Injection of haemorrhoids	1
Haemorrhoidectomy	11
Perforated duodenal ulcer	5
Gastrosocopy	6
Undescended testicle	3
For hydrocele	3
Gastrectomy	2
Rammstedt's operation	8
Resection of gut	4
Splenectomy	1

420

BONES AND JOINTS.

For osteo-myelitis	1
Amputation of limbs	17
Wiring of bones	23
Removal of pin	5
Resection of rib	3
Application of plaster	34
Reduction of joints	27
Manipulation of limbs	20
Osteotomy	5
Removal of Sequestrum	6
Division of webbed phalanges	3
Bone graft	3
	147

EAR, NOSE AND THROAT.

Mastoidectomy	20
Tonsillectomy	451
Adenoidectomy	6
Myringotomy	6
Bronchoscopy	1
	484

GENITO URINARY.

Cystoscopy	34
Circumcision	50
Prostatectomy	11
Supra pubic cystotomy	34
Urethral dilatation	2
Fulguration of bladder	3
Insertion of Depezar catheter	1
	135

GYNAECOLOGICAL.

Examination under Anaesthetic	...	...	...	...	...	...	83
Total hysterectomy	...	...	...	...	...	...	56
Sub-total hysterectomy	...	...	...	...	...	...	20
Salpingo-oophorectomy	...	...	...	...	...	...	10
Dilation and Curetage	...	...	...	...	...	...	104
Removal of ovarian cyst	...	...	...	...	...	...	14
Salpingectomy	...	...	...	...	...	...	12
Induction of abortion	...	...	...	...	...	...	3
Ovariectomy	...	...	...	...	...	...	4
Incision of Bartholin's abscess	...	...	...	...	...	...	9
Incision of Bartholin's cyst	...	...	...	...	...	...	1
Insertion of pessary	...	...	...	...	...	...	4
Colpo-perineorrhaphy	...	...	...	...	...	...	19
Cauterization of Cervix	...	...	...	...	...	...	7
Baldy Webster Operation	...	...	...	...	...	...	21
Fothergills Operation	...	...	...	...	...	...	7
Urethral and cervical smears taken	...	...	...	...	...	...	1
Cervical polypus	...	...	...	...	...	...	5
Amputation of Cervix	...	...	...	...	...	...	5
Colpotomy	...	...	...	...	...	...	4
Biopsy of Cervix	...	...	...	...	...	...	9
Removal of Gauze Packing from Uterus	...	...	...	...	...	...	14
Suture of laceration of vaginal wall	...	...	...	...	...	...	9
Intra-uterine Lipiodol	...	...	...	...	...	...	3
Repair of pelvic floor	...	...	...	...	...	...	1

 425

OBSTETRICAL.

Caesarean Section	...	...	...	...	...	...	49
Evacuation of Uterus and Glycerine Pack	...	...	...	...	...	...	186
For Ectopic Gestation	...	...	...	...	...	...	2
Induction of Labour	...	...	...	...	...	...	13
Rupture of Membranes	...	...	...	...	...	...	105

 355

MISCELLANEOUS.

Blood Transfusions	...	...	...	...	...	...	...	4
Incisions, abscesses, etc.	...	...	...	...	...	...	...	109
Cleansing of Burns, etc.	...	...	...	...	...	...	...	4
Amputation of Breast	...	...	...	...	...	...	...	12
Suture of Wounds	...	...	...	...	...	...	...	137
Excision of Wounds	...	...	...	...	...	...	...	17
Lumbar Puncture	...	...	...	...	...	...	...	22
Aspiration of Chest	...	...	...	...	...	...	...	13
" " Knee	...	...	...	...	...	...	...	2
" " Abscess	...	...	...	...	...	...	...	4
Removal of Nail	...	...	...	...	...	...	...	7
Removal of Foreign Body	...	...	...	...	...	...	...	21
Paracentesis	...	...	...	...	...	...	...	11
Suture of Tendon	...	...	...	...	...	...	...	4
Extraction of Teeth	...	...	...	...	...	...	...	2
Thyroidectomy	...	...	...	...	...	...	...	2
Injection of Varicose Veins	...	...	...	...	...	...	...	1
Ligature of Varicose Veins	...	...	...	...	...	...	...	4
Thoracotomy	...	...	...	...	...	...	...	2
Removal of Glands	...	...	...	...	...	...	...	9
Venesection	...	...	...	...	...	...	...	2
Tissue for Biopsy	...	...	...	...	...	...	...	2
Removal of naevus	...	...	...	...	...	...	...	12
								403
Number of patients who had teeth extracted	...	...	...					130

PUBLIC ASSISTANCE.

(a) Domiciliary Relief.

Number of Croydon cases resident in the Borough and in receipt of outdoor relief on the—

1st January, 1944	...	1,684 persons	...	915 cases
1st July, 1944	...	1,486	„	824 „
1st January, 1945	...	1,287	„	767 „

Expenditure on Out-relief during the 12 months ended 30th September, 1944, to Croydon cases resident in the Borough:—

Half-year ended 31st March, 1944	...	£32,094	3s.	0d.
Half-year ended 30th September, 1944	...	£27,151	1s.	0d.

(b) Institutional Relief.

Number of Croydon persons relieved in the Mayday Hospital on 1st January, 1945, and in the Queen's Road Homes on the same date:—

Mayday Hospital	...	15
Queen's Road Homes	...	386
(Excluding 130 evacuated.)		

(c) Medical Relief.

In May, 1941, the Public Assistance Committee decided to form one panel for all districts in the Borough operating the scheme instead of separate panels for each such district.

<i>Particulars for Year ended 31.3.44.</i>	<i>All Districts.</i>
(1) Average number of separate patients attended during each quarter ...	1,146
(2) Attendances at Patients' homes ...	7,765
(3) Attendances on patients at the surgery ...	9,513
(4) Total number of prescriptions written ...	20,224
(5) Estimated cost of drugs, dressings and dispensing ...	£969 9s. 3d.
(6) Estimated amount of per capita payment to doctors in respect of patients actually attended (calculated quarterly) ...	5s. 10.65d.
(7) Estimated average payment per service point ...	2.52d.

TABLE I.
INFECTIOUS DISEASES NOTIFIED DURING YEAR 1944.

Notifiable Disease.	Cases notified in the whole District.								Total cases notified in each Ward.																	Total cases removed to Borough Hospital & diagnosis confirmed.	Total Deaths in the Borough.	Sex Distribution	
	At all Ages.	At ages—years.							Upper Norwood.	Norbury.	West Thornton.*	Bensham Manor.	Thornton Heath.	South Norwood.	Woodside.	East.	Addiscombe.	Whitehorse Manor.	Broad Green.	Central.	Waddon.	South.	Addington.	M	F				
		Under 1 year.	1—4.	5—14.	15—24.	25—44.	45—64.	65 and up.																					
Scarlet Fever	358	—	80	221	36	18	3	—	24	12	20	17	30	29	37	29	23	22	26	8	24	7	50	308	—	169	189		
Diphtheria	20	1	3	4	7	4	1	—	2	1	4	1	2	1	—	3	3	1	1	—	—	1	—	20	—	10	10		
Erysipelas	37	—	—	2	—	14	18	3	2	4	—	5	3	3	4	2	5	1	4	—	2	2	—	13	1	20	17		
Cerebro-Spinal Meningitis	6	1	2	1	1	1	—	—	—	—	1	—	1	—	—	2	1	1	—	—	1	1	—	6	1	3	3		
Enteric & Paratyphoid ...	2	—	—	—	—	—	2	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	2	—	1	1		
Small Pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cholera	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Typhus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Puerperal Pyrexia	48	—	—	—	9	39	—	—	2	—	37	1	—	1	1	—	—	1	1	1	1	2	—	44	—	—	48		
Ophthalmia Neonatorum	3	3	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	1	—	—	—	—	3	—	1	2		
Poliomyelitis and Polio-encephalitis	2	—	—	—	2	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	2	1	2	—		
Dysentery	19	4	9	2	2	1	1	—	—	—	3	1	4	1	—	—	2	2	1	1	2	—	2	18	—	7	12		
Malaria	11	—	—	—	3	7	1	—	—	—	8	—	—	—	—	2	—	—	1	—	—	—	—	10	—	11	—		
Acute Primary and Acute Influenzal Pneumonia	34	3	1	2	3	8	11	6	—	—	1	1	1	6	2	4	3	1	2	3	7	1	2	14	4	22	12		
Measles	258	5	71	153	20	7	2	—	5	7	11	18	14	1	7	27	23	23	7	22	17	20	56	23	1	135	123		
Whooping Cough	561	59	263	228	1	7	3	—	13	20	24	35	82	23	24	54	63	61	7	20	33	33	69	32	10	255	306		
Totals	1359	76	429	613	84	106	42	9	48	44	109	80	139	65	75	122	123	114	51	56	87	67	179	495	18	636	723		

* Includes notifications from Mayday and St. Mary's Hospitals.

Comments on the Incidence and Prevalence of Infectious Disease.

Scarlet Fever was less prevalent than in 1943.

The incidence rate of Diphtheria was 0.11, compared with 0.29 in 1943.

No cases of Small Pox occurred during the year.

There were 48 cases of Puerperal Pyrexia; 9 occurred in the age-group 15—24 years and 39 in the age-group 25—44 years. A majority of the cases occurred in women having their first confinement.

BOROUGH HOSPITAL.

Table A gives a summary of all cases treated at the Hospital during 1944.

612 patients were admitted and discharged which, together with patients in at the commencement of 1944 (73), gives a total of 685 dealt with. Nine died, giving a case mortality for the Hospital of 1 per cent., as against 0.6 per cent. in 1943.

Penge Urban District Council have an arrangement with the Corporation to send their cases to the Hospital. During the year 32 cases were admitted and these are included in the tables.

Two operations for tonsils and adenoids were performed.

On August 16th a flying bomb fell in the hospital grounds, severely damaging Wards J and D and causing much damage by blast to all the other wards.

Though both Wards J and D were occupied at the time, the patients and nurses escaped with minor injuries, in spite of some being pinned under debris. Within a short time, the patients from these wards were transferred to others, the work being made easier by the prompt assistance offered by the first aid squads and members of the Hospital staff.

The work of repair of the damaged wards is progressing satisfactorily.

No nurses entered during the year for the State examination.

Complaint for which admitted.	Patients remaining in Hospital on 1st January, 1944			Patients admitted and discharged in 1944			Patients admitted during 1944 and re- maining in Hospital on 1st January, 1945			Analysis of Cases admitted whether discharged or not during the year.				
	Total.	Recovered.	Died.	Total.	Recovered.	Died.	Total.	Recovered.	Died.	Total.	Recovered.	Died.	Case Mortality.	Average No. of days in Hospital.
Scarlet Fever	61	61	—	323	323	—	21	21	—	344	344	—	—	28.3
Diphtheria	2	2	—	38	38	—	6	6	—	44	44	—	—	26.4
Enteric Fever	—	—	—	1	1	—	1	1	—	2	2	—	—	44
C.S.M.	—	—	—	12	11	1	—	—	—	12	11	1	8.3	14.2
Dysentery	3	3	—	13	13	—	—	—	—	13	13	—	—	12
Puerperal Pyrexia	1	1	—	7	7	—	1	1	—	8	8	—	—	10
Erysipelas... ..	—	—	—	11	11	—	—	—	—	11	11	—	—	10.3
Measles	—	—	—	28	28	—	4	4	—	32	32	—	—	12.4
Rubella	—	—	—	35	35	—	—	—	—	35	35	—	—	9.9
Whooping Cough	2	2	—	27	22	5	2	2	—	29	24	5	17.2	22.2
Chicken Pox	2	2	—	39	39	—	—	—	—	39	39	—	—	13.1
Mumps	—	—	—	6	6	—	—	—	—	6	6	—	—	12.8
Encephalitis	—	—	—	1	1	—	—	—	—	1	1	—	—	9
Tonsillitis	—	—	—	3	3	—	—	—	—	3	3	—	—	10
Vincent's Angina	—	—	—	3	3	—	—	—	—	3	3	—	—	10
Croup	—	—	—	1	—	1	—	—	—	1	—	1	10.0	6
Dermatitis	—	—	—	1	1	—	—	—	—	1	1	—	—	9
Meningitis	—	—	—	1	1	—	—	—	—	1	1	—	—	7
Scabies	—	—	—	3	3	—	—	—	—	3	3	—	—	5
Gastro Enteritis	—	—	—	2	2	—	—	—	—	2	2	—	—	15
Tuberculosis	1	—	1	—	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	2	2	—	—	—	—	2	2	—	—	8
Venereal Disease... ..	—	—	—	6	6	—	—	—	—	6	6	—	—	12.5
No Disease	1	1	—	13	13	—	1	1	—	14	14	—	—	—
TOTALS	73	72	1	576	569	7	36	36	—	612	605	7	—	—

SCARLET FEVER.

The total number of Scarlet Fever cases admitted during the year was 344, a decrease of 426 on 1943. The type of the disease was of moderate severity.

Of the 344 cases, 10 were not cases of scarlet fever, leaving a total of 334 cases of true Scarlet Fever.

The following complications and sequelae occurred amongst the true Scarlet Fever cases :—

	Serum Cases.	Non-Serum Cases.	Total.
Rhinorrhoea	1	6	7
Otorrhoea	6	15	21
Adenitis	2	7	9
Relapse	—	2	2
Mastoid	—	1	1
Rheumatism	—	4	4
Abscesses	—	1	1
Secondary throat	—	1	1
Arthritis	—	1	1
Erysipelas	—	1	1

The average stay in hospital for serum cases was 28.3 days for non-serum cases 29 days.

No deaths occurred amongst the scarlet fever cases.

The number of complications amongst the non-serum cases was 40 and amongst the serum cases 9.

Both M.B. 693 and M.B. 760 proved useful, particularly in clearing up the otorrhoea due to streptococci and staphylococci, respectively.

Ages and Sexes Admitted.

Scarlet Fever.

Age.	Male.	Female.	Totals.
0—1	—	1	1
1—2	15	6	21
2—3	11	12	23
3—4	10	14	24
4—5	20	25	45
5—10	58	62	120
10—15	28	27	55
15—20	10	13	23
20—30	6	12	18
30 or over	5	9	14
Total 1944	163	181	344
Total 1943	372	398	770

DIPHTHERIA.

44 cases were admitted with a diagnosis of diphtheria, a decrease of 46 on 1943. Of these 12 were found not to be cases of diphtheria and 11 were cases of positive swabs without clinical symptoms, leaving 21 cases of true diphtheria.

There were no deaths amongst them.

The cases were all of the faucial type and there were no cases of laryngeal diphtheria.

The following complications and sequelae occurred amongst the diphtheria cases :—

Rhinorrhœa	...	...	...	...	2
Otorrhœa	...	...	...	...	1
Paralysis: Palatal	...	...	...	...	2
Eyes	...	...	...	...	1
Cardiac failure	...	...	...	...	2
Adenitis	...	...	...	...	1
Quinsy	...	...	...	...	1

The 12 cases found not to be diphtheria were as follows :—

Tonsillitis	...	...	...	...	11
Vincent's angina	...	...	...	...	1

Ages and Sexes Admitted.**Diphtheria.**

Age.	Males.	Females.	Totals.
0—1	1	3	4
1—2	2	—	2
2—3	2	1	3
3—4	—	1	1
4—5	—	—	—
5—10	2	2	4
10—15	2	5	7
15—20	5	2	7
20—30	3	7	10
30 & over	3	3	6
Total 1944	20	24	44
Total 1943	40	50	90

The steady yearly decrease of diphtheria admissions is no doubt the result of active immunization at the various Infant Centres in the town, and it is worthy of note that in the age groups 1—10 who contracted the disease the children had not been previously immunized, or had not received the full course of immunization, thus proving the great value of this method.

Typhoid Fever.

During the year two cases of typhoid fever were admitted, but in one the diagnosis was not confirmed; it was a case of acute enteritis.

Puerperal Fever and Pyrexia.

During the year there were 8 cases of puerperal pyrexia, but three were not confirmed, one being a case of influenza, one a case of pneumonia, and the third constipation only.

Erysipelas.

There were eleven cases of erysipelas, but in two the diagnosis was not confirmed, both being cases of boils of face. There were two deaths.

Measles.

Thirty-two cases were admitted, a decrease of 35 cases on 1943. In four the diagnosis was not confirmed.

1 was a case of rubella.

1 was a case of scarlet fever.

2 were cases of dermatitis.

Whooping Cough.

Twenty-nine cases were admitted, but in five the diagnosis was not confirmed. Five cases proved fatal owing to broncho-pneumonia.

Cerebro-Spinal Meningitis.

Twelve cases were admitted, but in 5 cases the diagnosis was not confirmed.

1 was a case of pneumococcal meningitis.

1 was a case of acute rheumatism.

1 was a case of erysipelas.

1 was a case of acute enteritis.

1 was a case of teething.

The case of pneumococcal meningitis proved fatal.

The combined treatment by lumbar puncture and sulphapyridine in doses of 2 grns. repeated in four hours' time and then 1 grn. given four hourly, continued for a week proved successful, as it had done previously.

No ill effects were observed from giving sulphapyridine, but in those who could not tolerate the drug by mouth owing to it causing vomiting, M.B. 693 (soluble) hypodermically was given instead. No deaths occurred amongst the true cerebro-spinal meningitis cases.

Dysentery.

Thirteen cases were admitted. Of these 11 were cases of Sonn  dysentery, one a case of Morgan No. 1 bacillus, whilst one was a non-specific infection.

Mumps.

Six cases were admitted, but in two the diagnosis was not confirmed; they were cases of simple adenitis.

There were no cases of anterior poliomyelitis or ophthalmia admitted during the year.

Out of Borough Cases.

Disease.	Males.	Females.	Total.	Deaths.
Scarlet Fever ...	7	14	21	—
Diphtheria ...	2	1	3	—
Measles ...	3	3	6	—
Enteric Fever ...	1	—	1	—
No Disease ...	—	1	1	—
Total ...	13	19	32	—

TABLE
AGE GROUPS OF CASES ADMITTED (other than Scarlet Fever and Diphtheria).

	0—1		1—2		2—5		5—15		15—25		25—35		35—45		45 & over		Totals	Deaths
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F		
Enteric Fever ...	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	2	—
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	3	—	4	—	1	—	—	8	—
Puerperal Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	1	—	—	—	—	2	—	—	6	2	11	—
Measles ...	2	2	5	—	5	4	4	2	2	—	4	2	—	—	—	—	32	—
Rubella ...	1	—	—	2	6	2	2	8	5	3	2	1	—	—	3	—	35	—
C.S.M. ...	1	—	—	3	—	—	2	—	2	1	—	1	—	—	1	1	12	1
Whooping Cough ...	1	4	3	9	4	4	3	1	—	—	—	—	—	—	—	—	29	5
Chicken Pox ...	1	1	4	3	8	3	5	4	3	3	2	1	1	—	—	—	39	—
Mumps ...	—	—	—	1	—	—	1	—	2	1	—	1	—	—	—	—	6	—
Encephalitis ...	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—
Dysentery ...	—	4	3	1	3	—	—	—	1	—	—	1	—	—	—	—	13	—
Tonsillitis ...	—	—	—	—	—	—	—	1	2	—	—	—	—	—	—	—	3	—
Vincent's Angina ...	—	—	—	—	—	1	1	—	—	1	—	—	—	—	—	—	3	—
Croup ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Dermatitis ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Meningitis ...	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Scabies ...	—	—	—	—	—	—	1	1	—	1	—	—	—	—	—	—	3	—
Gastro-enteritis ...	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	2	—
Bronchitis ...	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
Venereal Disease ...	—	—	—	—	—	—	—	—	—	3	—	1	—	2	—	—	6	—
No Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	14	—
TOTALS ...	7	15	16	20	26	14	21	18	17	16	9	14	1	3	10	3	224	7

Croydon Borough Hospital Laboratory Report.

DIPHTHERIA.

Cases Positive on Admission.	Cases Positive during Convalescence.	Total Negative.	Total.
20	41	1,631	1,692

SPEC. FAECES EXAMINED FOR ENTERIC AND DYSENTERY GROUPS.

B. Typhosum	B. Para-Typhosum A.	B. Para-Typhosum B.	Dysentery (Sonne).	Total Negative.	Total Examined.
+	+	+	+		
1	—	—	8	41	50

CEREBRO-SPINAL FLUIDS EXAMINED FOR ORGANISMS.

Fluids containing Meningococcus.	Fluids containing Pneumococci.	Fluids Sterile.	Total Examined.
3	1	5	9

MISCELLANEOUS EXAMINATIONS.

Vaginal and Urethral Swabs examined for organisms (12):
1 Vaginal Swab + Gc., 1 Urethral Swab + Gc.

Sputums examined for presence of B. Tuberculosis (3): All negative.

Specimens of Blood cultured for organisms (2): Both sterile.

Specimens of Urine for organisms and routine examination (13).

Pus examined for organisms, 3 specimens, Haemolytic Streptococcus Longus grown.

Throat Swabs examined for presence of Vincent's Angina (4): all positive.

SPECIMENS OF BLOOD FOR DREYER'S AGGLUTINATION TESTS.

Positive B. Typhosum.	Positive Para-Typhosum A.	Positive Para-Typhosum B.	Negative.	Total Examined.
1	—	—	3	4

CULTURE MEDIA PREPARED.

161 doz. Loeffler's Blood Serum.

2,500cc Agar Agar.

1,000cc Peptone Water.

8,000cc Broth.

3,500cc Endo's Media.

BACTERIOLOGICAL EXAMINATIONS.

I am indebted to the Borough Pathologist, Dr. H. W. Southgate, for the figures given in the appended tables.

TABLE

At the Laboratory, Croydon General Hospital.

	For private practitioners		Mayday Hos.		For Borough Hospital		For Chest Clinic		For School Medical		Other Instns. of Corporation		Other Institutions		Total	
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.
Swabs for Diphtheria ...	13	661	...	...	...	1	...	2	10	303	...	...	2	248	25	1215
Virulence tests for Diphtheria ...	...	...	...	...	4	...	...	...	...	...	...	...	1	...	5	...
Sputum for Tub. Bac. ...	41	373	...	...	...	...	579	831	...	...	...	...	11	115	622	1369
Pus for Tub. Bac. ...	...	3	...	2	...	1	...	...	...	...	...	3	...	...	...	9
Pus for Gonococci ...	...	...	...	1	2	...	...	...	1	3	1	19	...	...	4	23
Pus for other organisms ...	...	6	...	4	...	1	...	...	...	2	...	18	...	...	...	31
Blood for Typhoid Groups ...	...	2	...	...	...	...	...	...	...	...	...	1	...	2	...	5
Blood for Wassermann ...	...	2	13	132	...	...	...	...	...	...	...	6	...	...	13	140
Material for Spirochaetes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faeces for Typhoid Group... ..	6	17	...	...	...	...	...	...	...	1	1	9	...	...	7	27
Hair for Ringworm ...	...	...	...	...	...	...	...	...	4	...	1	...	...	...	5	...
Examination of Urine ...	1		...		...		...		...		7		...		8	
Examination of Pleural Fluid ...	1		...		...		...		...		...		...		1	
Examination of C.S. Fluid ...	...		9		...		...		...		...		...		9	
Other Examinations ...	269		481		...		...		85		110		105		1050	

Examinations Done Under the National Health Insurance Act.

<i>Nature of Examination.</i>		<i>Nature of Examination.</i>	
Pus for Gonococci	... 6 (1 pos.)	Urine for Chemical Exam....	6
Pus for other organisms	13	Urine for Microscopal Exam.	6
Pus for Tub. Bac.	... 11	Urine for Tub. Bac. ...	6
Blood for Wasserman	... 11 (1 pos.)	Urine for Cultural Exam. ...	6
Complete Blood Counts	12	Other Examinations ...	15

Bacteriological Examination of Milk.

<i>Number of Samples submitted for Counts</i>	...	228
Number under 10,000 per cc	... ..	100
Number over 10,000 but under 50,000 per cc	... ..	70
Over 50,000 but under 100,000 per cc	...	19
Over 100,000 but under 500,000 per cc	...	28
Over 500,000 but under 1,000,000 per cc		7
Over 1,000,000 per cc	... ..	4

Tubercle Bacilli—

Number of samples of milk submitted	... ..	228
Number found positive by inoculation test	...	0
The number of milk examinations decreased by		30
Number of samples still under investigation for T.B.	... ..	0

Milk Samples.

228 milk samples submitted to the Methylene Blue Test, of which 33 failed to satisfy. 78 milk samples were also submitted to the Bacillus Coli Test and 52 were satisfactory.

IMMUNISATION AGAINST DIPHTHERIA.

New cases came from the following sources :—

School cases	... ..	531
Children under 5 years	... ..	1,320

The ensuing tables give some further details :—

Total number of sessions held	... ..	81
Average attendance per session	... ..	14

Summary of Attendances and Treatment, 1944.

Year.	Total attended for treatment.	New cases attended.	No. of sessions held.	No. given Primary Schick.	% Pos. on Primary Schick.	No. given Posterior Schick.	No. Neg. on Posterior Schick.	% Neg. on Posterior Schick.	No. completed treatment
1934	509	509	—	389	—	185	—	—	185
1935	1431	1151	97	634	76	781	766	98.8	781
1936	2285	1661	145	1215	78	1264	1254	99.2	1264
1937	1894	1286	122	1017	86	1222	1215	99.5	1222
1938	2049	1541	115	1208	69	1152	1140	98.9	1152
1939	1488	1020	61	593	76	678	671	98.9	1201
1940	508	428	33	—	—	—	—	—	419
1941	6639	6639	206	—	—	—	—	—	5833
1942	6581	6133	144	—	—	—	—	—	5511
1943	6497	5200	179	—	—	756	749	99.1	5854
1944	2652	2482	81	—	—	244	233	95.5	1851

Summary of Attendances and Treatment,

Under Treatment 1.1.44	Total new Cases, 1944.	1944 Cases Completed Treatment.	Received A.P.T.	Under Treatment 31.12.44	Defaulted.
170	2482	1851	2652	162	639

Origin and Source of Cases attending.

Year.	School		M.C.W.	
	Total	Per cent.	Total.	Per cent.
1934	339	67	170	33.0
1935	944	66.6	473	33.4
1936	1620	74.8	547	25.2
1937	928	72.2	358	27.8
1938	1179	76.5	362	23.5
1939	704	69.0	316	31.0
1940	216	50.0	212	50.0
1941	4477	67.4	2162	32.6
1942	2660	48.3	2851	51.7
1943	2818	48.1	3036	51.9
1944	531	28.7	1320	71.3

Immunisation in Residential Schools and Homes.

Owing to the evacuation of Residential Schools and Homes, no immunisation was conducted in the Institutions in 1944.

Home Visits by Health Visitors.

A total of 691 home visits was paid during the year.

VACCINATION ACTS.

I am indebted to Mr. Huggins, the Vaccination Officer, for the particulars in the returns in the subjoined Tables.

Registration Sub-districts in V.O. District.	Births Registered.	Vaccinated.	Insusceptible.	Statutory Declaration.	Died Unvaccinated.	P.P.O.	Transferred to other V.O.s	Untraced Removals.	In Default.	Overage when Registered.
South Sub-District...	1309	624	4	365	43	14	85	141	33	—
West Sub-District ...	1776	786	3	593	80	29	27	222	36	—
North Sub-District...	544	229	2	185	16	6	8	77	21	—
	3629	1639	9	1143	139	49	120	440	90	—

During the year 2,785 Forms Q were sent to parents, 413 Forms K and 56 Final Forms K. Form Q is the Form drawing attention to the requirements of the Vaccination Acts and Form K refers to cases in default. 384 cases were transferred to this Borough from other districts.

1,346 names were sent on the H Lists to Public Vaccinators to be visited.

Return shewing the Number of Persons vaccinated and re-vaccinated at the cost of the rates by the Medical Officer of the Public Assistance Institutions and the Public Vaccinators during the year ended 30th September, 1944 :—

Name of Public Assistance Institution or Vaccination District.	Numbers of successful Primary Vaccinations of persons.			No. of successful re-vaccinations, i.e., successful vaccinations of persons who had been successfully vaccinated at some previous time.
	Under 1 year of age.	1 year and upwards.	Total.	
Croydon No. 1 Area and part of No. 5	433	54	487	24
No. 2 Area and part of No. 5	333	34	367	8
No. 3 Area ...	112	9	121	2
No. 4 Area ...	103	11	114	2
Addington (New) :— ...	51	6	57	—
Queen's Road Homes ...	—	—	—	—
Mayday Hospital ...	1	—	1	—
Children's Homes ...	—	—	—	—
Shirley Residential Schools	—	—	—	—
	1033	114	1147	36

VENEREAL DISEASES.

No changes have been made in the Scheme as given in my Report for 1930.

Attendances at the Croydon Clinic during past 10 years.

	1935.	1936.	1937.	1938.	1939.	1940.	1941.	1942.	1943.	1944.
New male patients ...	287	300	395	416	316	187	448	661	239	232
New female patients	213	188	184	257	191	202	258	300	489	523
Attendances, male patients ...	5548	7525	8610	7318	4258	2996	3033	3932	2214	2758
Attendances, female patients	5977	5226	5405	5365	3150	1772	1508	1585	4026	5940

Attendances of Croydon patients at various London Hospitals under General Scheme.

There were 105 new patients, who made a total of 1,206 attendances.

Pathological Examinations at London Hospitals for Croydon Patients.

559 Examinations were made for various Clinics and 2,657 Examinations of material submitted by medical practitioners.

Bacteriological Examinations carried out at London Hospitals for Croydon Patients.

Hospital.	Detection of Spirochaetes		Detection of Gonococci.		Wasserman Re-action.		Other Exams.		Total.
	For Clinic	For Prac.	For Clinic	For Prac.	For Clinic	For Prac.	For Clinic	For Prac.	
Endell Street, L.C.C. ...	—	—	4	—	4	—	4	—	12
St. Thomas's ...	—	—	57	—	74	—	130	—	261
South Lon. Hos. for Women	—	—	106	1	19	1	11	7	145
Royal Free ...	—	—	4	—	2	—	4	—	10
King's College ...	—	—	35	—	13	—	—	—	48
Whitechapel Clinic, L.C.C....	—	—	2	—	2	—	2	—	6
University College ...	—	—	3	—	3	—	3	—	9
Guy's Hospital ...	—	—	26	1637	20	486	25	521	2715
Mothers ...	—	—	2	—	1	—	2	—	5
Seamen's ...	—	—	1	—	—	—	—	—	1
Westminster Hospital ...	—	—	—	—	—	2	—	2	4
Total ...	—	—	240	1638	138	489	181	530	3216

Croydon Cases attending London Hospitals.

Hospital.	Cases seen for the first time.		Conditions other than venereal.	Total number of attendances.	Aggregate number of Inpatient Days.
	Syph.	Gon.			
Endell Street L.C.C.	—	—	3	12	—
St. Thomas's	2	5	38	338	—
Guy's	1	7	8	246	—
King's College	1	2	13	366	—
Royal Free	—	—	4	45	—
S. Lond. Hosp. for Women ...	—	3	14	171	—
Whitechapel Clinic, L.C.C. ...	—	—	1	4	—
Westminster	—	—	1	18	—
Mothers	—	—	1	1	—
Seamens	—	1	—	5	—
Total	4	18	83	1206	—

	Syphilis		Soft Chancre		Gonorrhoea		Non-venereal or undiagnosed condition		TOTALS		
	M	F	M	F	M	F	M	F	M	F	Ttls.
1. Number of cases on 1st January under treatment or observation	40	69	—	—	13	48	3	8	56	125	181
2. Number of cases removed from the register during any previous year which returned during the year under report for treatment or observation of the same infection	2	2	—	—	3	4	—	—	5	6	11
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—	(1151)										
Syphilis, primary	12	4	—	—	—	—	—	—	12	4	16
" secondary	9	10	—	—	—	—	—	—	9	10	19
" latent in 1st year of infection	—	12	—	—	—	—	—	—	—	12	12
" all later stages	15	10	—	—	—	—	—	—	15	10	25
" congenital	2	8	—	—	—	—	—	—	2	8	10
Soft Chancre	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection	—	—	—	—	(161)50	135	—	—	50	135	185
" later	—	—	—	—	5	—	—	—	5	—	5
Non-venereal conditions	—	—	—	—	—	—	(123)139	344	139	344	483
Conditions remaining undiagnosed at 31st December	—	—	—	—	—	—	—	—	—	—	—
4. Number of cases dealt with for the first time during the year under report known to have received treatment for the same infection, or to have been under observation, at other Centres or Service Hospitals, or by General Practitioners approved under Ministry of Health Circular 2226	8	5	—	—	7	7	—	4	15	16	31
TOTALS OF ITEMS 1, 2, 3 AND 4	88	120	—	—	78	194	142	356	308	670	978
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	15	40	—	—	38	130	134	342	187	512	699
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from :—											
Syphilis, primary	—	—	—	—	—	—	—	—	—	—	—
" secondary	—	—	—	—	—	—	—	—	—	—	—
" latent in 1st year of infection	—	2	—	—	—	—	—	—	—	2	2
" all later stages	—	—	—	—	—	—	—	—	—	—	—
" congenital	—	—	—	—	—	—	—	—	—	—	—
Soft Chancre	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection	—	—	—	—	1	—	—	—	1	—	1
" later	—	—	—	—	—	—	—	—	—	—	—
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure	—	2	—	—	—	2	—	—	—	4	4
8. Number of cases transferred to other Centres or to institutions, or to care of private practitioners	13	5	—	—	7	22	—	—	20	27	47
9. Number of cases remaining under treatment or observation on 31st December	60	71	—	—	32	40	8	14	100	125	225
TOTALS OF ITEMS 5, 6, 7, 8 AND 9	88	120	—	—	78	194	142	356	308	670	978

(These totals should agree with those of Items 1, 2, 3 and 4)

										Syphilis		Soft Chancre		Gonorrhoea		Non-venereal or un- diagnosed condition		TOTALS			
										M	F	M	F	M	F	M	F	M	F	M	F
10. Number of attendances :—																					
(a) for individual attention of the medical officer										1389	2126	—	—	470	1890	697	1434	2556	5450	8006	
(b) for intermediate treatment, e.g., irrigation, dressing										4	—	—	—	194	398	4	92	202	490	692	
TOTAL ATTENDANCES										1393	2126	—	—	664	2288	701	1526	2758	5940	8698	
11. In-patients :—																					
(a) Total number of persons admitted for treatment during the year										11	15	—	—	1	1	—	—	12	16	28	
(b) Aggregate number of "in-patient days" of treatment given										33	29	—	—	10	14	—	—	43	43	86	
										Under 1 year		1 and under 5 years		5 and under 15 years		15 years and over		TOTALS			
										M.	F.	M.	F.	M.	F.	M.	F.	M.	F.		
12. Number of cases of congenital syphilis in Item 3 above classified according to age periods										1	1	—	—	1	1	—	6	2	8		
										Microscopical.								Others for diagnosis of Venereal Disease			
										for Syphilis				for Gonorrhoea							
13. Pathological Work :—																					
Number of specimens examined at, and by the medical officer of, the Treatment Centre ...										—				—				—			

Figures in brackets refer to Service Cases.

STATEMENT SHOWING THE SERVICES RENDERED AT THE TREATMENT CENTRE DURING THE YEAR, CLASSIFIED ACCORDING TO THE AREAS IN WHICH THE PATIENTS RESIDED.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	Croydon	Surrey	Kent	London	Total
A. Number of cases from each area included under the following headings in Item 3 :—					
Syphilis	(1151) 43	24	9	6	82
Soft Chancre	—	—	—	—	—
Gonorrhoea	(161) 98	72	11	9	190
Non-venereal and undiagnosed conditions	(182) 295	142	30	16	483
TOTAL	436	238	50	31	755
B. Total number of attendances of all patients residing in each area	4664 (1435)	2626	486	230	8006

CANCER.

Deaths from Cancer numbered 420 as compared with 456 in 1943; 405 in 1942; 377 in 1941; 443 in 1940; 414 in 1939; 380 in 1938; 421 in 1937; 421 in 1936; and 321 in 1935.

Death-rate per 1,000 of the population for the previous 10 years are as follows:—

1935—1.33 (321)	...	1940—2.22 (443)
1936—1.75 (421)	...	1941—2.04 (377)
1937—1.74 (421)	...	1942—2.07 (405)
1938—1.56 (380)	...	1943—2.28 (456)
1939—1.78 (414)	...	1944—2.21 (420)

Deaths from Cancer Occurred at the following Ages:—

Age period.	Male.	Female.	Total.	Calculated population at this age period	Incidence per 1,000 persons living.
Under 25 years... ..	1	—	1	79546	0.013
25 and under 35 years ...	1	2	3	28319	0.106
35 and under 45 years ...	8	10	18	30835	0.584
45 and under 65 years ...	90	94	184	37759	4.873
65 years and over	114	100	214	13671	15.653
	214	206	420	190130	2.209

Sites of Fatal Cancer.

Site.	Male.	Female.	Total.	Percentage of Total.
Skin	5	3	8	1.905
Tongue and Mouth	8	—	8	1.905
Tonsil	1	—	1	0.238
Oesophagus	4	2	6	1.429
Stomach	51	32	83	19.762
Liver	4	5	9	2.143
Bowel	30	36	66	15.714
Rectum	17	14	31	7.381
Bladder	6	4	10	2.383
Prostate	14	—	14	3.333
Larynx	3	—	3	0.714
Uterus	—	22	22	5.238
Breast	1	40	41	9.762
Ovary	—	13	13	3.095
Pancreas	3	5	8	1.905
Peritoneum	2	—	2	0.476
Gall Bladder and Duct	1	4	5	1.190
Mediastinum	1	2	3	0.714
Bones	4	3	7	1.667
Lungs	43	8	51	12.143
Kidney	2	2	4	0.952
Brain	1	1	2	0.476
Maxillary Antrum... ..	3	—	3	0.714
Pharynx	2	—	2	0.476
Fallopian Tube	—	1	1	0.238
Parotid Glands	1	—	1	0.238
Thyroid Gland	1	5	6	1.429
Lymphatic Glands	2	1	3	0.714
Genital Organs	2	2	4	0.952
Not defined	2	1	3	0.714
	214	206	420	

Comments on Foregoing Table.

The organs most often attacked in descending order of incidence are: In the males—the Stomach (23.8 per cent.), the Bowels and Rectum (22.0 per cent.), the Lungs 20.1 per cent., and the Prostate (6.5 per cent.); in females—the Bowels and Rectum (24.3 per cent.), the Breast (19.4 per cent.), the Stomach (15.5 per cent.), and the Uterus (10.7 per cent.)

THE PREVENTION AND CONTROL OF TUBERCULOSIS.

I am indebted to Dr. J. C. McMillan, the Assistant Medical Officer of Health for Tuberculosis, for the statistical part of this section of the report.

While prevention has so far yielded greater dividends than treatment, treatment has not stood still. A survey of the incidence and mortality figures in recent years shows greater diminution in mortality than in incidence of the pulmonary form of the disease.

Although social conditions are different and broadly unfavourable in 1944, a comparison with 1914 is the best we can do. The outstanding facts are these: In 1914, 105 per 100,000 of the population in Croydon died from all forms of tuberculosis; in 1944 the corresponding figure was 57.

Owing to fluctuations in population the following statistics cannot be correlated to those of previous war years.

Notification of Tuberculosis.

Two hundred and twenty-two cases of Pulmonary Tuberculosis and 35 cases of Non-pulmonary Tuberculosis were notified on Form A (primary notifications); of these 126 males and 96 females were pulmonary cases; 19 males and 16 females non-pulmonary. In addition, 49 pulmonary cases and 9 non-pulmonary came to our notice as new cases otherwise than by notification.

The total number of new cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the year 1944 by notification or otherwise was 315, as compared with 383 in 1943, 323 in 1942, and 286 in 1941.

271 of these were cases of Pulmonary Tuberculosis, 151 in males and 120 in females. There were 28 fewer cases of Pulmonary Tuberculosis in males and 9 fewer in females than in 1943.

There were 12 cases of Non-pulmonary Tuberculosis among children under 15 years as compared with 24 in 1943. The number of cases in adults was 32, compared with 51 in 1943.

Of the cases notified in 1944, 25 males and 8 females died from the Pulmonary form of the disease during the year, equal to 14.8 per cent. of those notified, and 1 male and 3 females from the Non-pulmonary form.

The incidence rate of Tuberculosis of all forms was 1.66 per 1,000 of the population; for Pulmonary Tuberculosis 1.43, and for Non-pulmonary 0.23 per 1,000 population. The notification rate was 1.35 per 1,000. In 1943 the corresponding figures were 1.92, 1.54, 0.38 and 1.50 per 1,000.

Public Health (Tuberculosis) Regulations, 1930.

Summary of notifications during the period from 1st January, 1944, to 31st December, 1944 :—

FORMAL NOTIFICATIONS.

Age Periods.	No. of Primary Notifications of New Cases of Tuberculosis												Total Notifications on Form A.
	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	66 up.	Total (all ages)	
Pulmonary—													
Males ...	—	—	1	1	14	19	18	25	22	21	5	126	139
Females ...	—	—	1	4	19	21	25	12	9	2	3	96	114
Non-Pulmonary—													
Males ...	—	—	2	4	1	1	4	2	2	1	2	19	21
Females ...	1	2	1	—	2	3	5	1	1	—	—	16	18

Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the period from 1st January, 1944, to 31st December, 1944, otherwise than by formal notification :—

Age periods.	0-1	1-5	5-10	10-15	15-20	20-25	25-35	35-45	45-55	55-65	65 and upwards	Total Cases.
Pulmonary Males ...	1	1	2	—	1	4	8	1	4	—	3	25
Females ...	—	1	—	—	2	6	9	3	1	2	—	24
Non-pulmonary Males ...	—	1	—	—	2	—	—	1	—	1	1	6
Females	—	—	—	1	—	1	1	—	—	—	—	3

Notification Register.

Number of cases of Tuberculosis remaining on the Notification Register on 31st December, 1944 :—

PULMONARY.			NON-PULMONARY.			Total Cases.
Males.	Females.	Total.	Males.	Females.	Total.	
666	579	1245	116	146	262	1507

CLASSIFICATION OF NEW PATIENTS.**Pulmonary Tuberculosis.**

During 1944, 201 new patients were examined at the Clinic and were found to be in the undermentioned stages of the disease on the first examination :—

T.B. minus (sputum negative or absent) ...	91 or 45.0%
T.B. plus 1 (early cases, sputum positive)..	12 or 6.0%
T.B. plus 2 (intermediate cases, sputum positive) ...	79 or 40.0%
T.B. plus 3 (advanced cases, sputum positive)	19 or 9.0%
	201 100.0%

Ages at Death from Pulmonary Tuberculosis.

Year.	0—5	5—15	15—25	25—45	45—65	Over 65.	Total.
1937	—	2	35	55	40	8	140
1938	—	3	22	46	40	8	119
1939	—	—	19	44	30	3	96
1940	—	1	18	61	38	10	128
1941	—	2	11	33	32	12	90
1942	—	—	15	50	33	8	106
1943	1	—	18	38	39	11	107
1944	2	1	15	36	33	11	98

In 1944 the death-rate from all form of Tuberculosis was 0.57 per 1,000 population.

The rate for Pulmonary Tuberculosis was 0.51 and the rate for Non-Pulmonary Tuberculosis 0.06. Similar figures for 1943 were 0.62 and 0.08.

Pulmonary Tuberculosis.

In 1944 the total number of deaths from pulmonary tuberculosis was nine fewer than in 1943. The decrease was confined to women, and may have been due to the evacuation of greater numbers of women. Most of the deaths in men occurred after the 25th year, whereas in women the greater proportion of deaths occurred in the earlier age groups.

There was a decrease of 12.0 per cent. in the number of new cases in 1944, compared with 1943, which had the highest number for the past 13 years, and in women in the age groups 15—35 years. Most of the new cases in men occurred in the age groups 20—55 years. There is a close similarity in age distribution of deaths and new cases in the two sexes.

Non-Pulmonary Tuberculosis.

The diagnosis of the new cases entered in the Notification Register during 1944 were as follows:—

	Male.	Female.
Spine	—	2
Rib	1	1
Hip	1	—
Knee	2	—
Foot	—	3
Abdomen	5	1
Genito-urinary tract	3	—
Meninges	2	2
Axilla	1	—
Skin	—	3
Glands	4	4
Totals	19	16

Deaths from Non-Pulmonary Tuberculosis.

During 1944, 11 deaths were certified to be due to Non-Pulmonary Tuberculosis, compared with 16 in 1943, 17 in 1942, 19 in 1941, 21 in 1940, 12 in 1939, and 18 in 1938.

The deaths were due to :—

	Males.	Females.	Total.
Tuberculous Meningitis	1	4	5
Tuberculous Kidney	—	1	1
Tuberculous Peritonitis	—	1	1
Miliary Tuberculosis	1	1	2
Tuberculosis of Adrenals	2	—	2
Totals	4	7	11

Co-ordination with Medical Practitioners, and Other Branches of the Health Department.

During the year 412 cases of suspected Tuberculosis were referred by private medical practitioners; 65 were diagnosed as suffering from Tuberculosis and were subsequently notified. In addition, 31 children were referred by the School Medical Service, and 35 cases from the Maternity and Child Welfare section of the Public Health Department. 87.5 per cent. of all notified cases were examined at the Clinic or were seen at the request of the medical attendant at the patient's home, as compared with 84.6 per cent. in 1943.

The number of reports sent in by Insurance medical practitioners on their domiciliary cases (Form G.P. 36) was 164.

Examination of Sputum.

The results of examinations made in 1944 are as follows :—

	For Clinic.	For General Practitioners.	Totals.
Positive (<i>i.e.</i> , tubercle bacilli present)... ..	563	49	612
Negative (<i>i.e.</i> , tubercle bacilli absent)... ..	888	490	1378
Totals	1451	539	1990

For each 100 new cases and contacts examined at the Clinic, 150 specimens of sputum were examined.

X-Ray Work.

1,331 X-Ray examinations were made during the year. This is equivalent to 137 for every 100 new cases and contacts seen, and compares with a rate of 108 in 1943. In addition, a certain number of cases who have already been examined at various hospitals are referred to the Clinic. The X-Ray examinations were carried out at Mayday Hospital.

Blood Examinations.

Blood sedimentation rate was ascertained in 79 cases at Mayday Hospital for the Chest Clinic during the year.

Extra Nourishment.

Provision of special nourishment in the form of milk was granted to 69 selected cases for varying periods during the year, and 16 cases were in receipt of extra nourishment at the end of the year.

Residential Treatment for Pulmonary Tuberculosis.

Summary of Patients who received Institutional Treatment during 1944.

Institution.	In Institutions on 1.1.44.			Admitted During 1944.			Discharged During 1944.			Died During 1944.			Remaining in on 31.12.44.		
	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.
	M	F		M	F		M	F		M	F		M	F	
Croydon Borough Sanatorium ...	42	40	—	84	61	—	79	58	—	8	5	—	39	38	—
Brompton Hospital and Sanatorium ...	7	1	—	6	7	—	10	5	—	1	—	—	2	3	—
Children's Sanatorium, Harpenden ...	—	—	2	—	—	3	—	—	2	—	—	—	—	—	3
Croydon Borough Hospital ...	—	—	1	—	—	—	—	—	—	—	—	1	—	—	—
London Chest Hospital ...	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—
Horton Hospital (Chest Unit) ...	2	2	—	2	4	—	4	6	—	—	—	—	—	—	—
King George's Sanatorium ...	2	—	—	1	—	—	—	—	—	—	—	—	1	—	—
Grosvenor Sanatorium ...	—	3	—	1	8	—	2	5	—	—	—	—	1	6	—
Langdon Hills Sanatorium ...	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Preston Hall and Nayland Sanatorium	—	—	—	1	1	—	1	1	—	—	—	—	—	—	—
National Sanatorium, Benenden ...	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Royal National Sanatorium ...	—	—	—	—	4	—	—	—	—	—	—	—	—	4	—
White Lodge Hospital ...	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
St. Michael's Home ...	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—
King Edward VII W.N.M.A. Hospital	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—
Holy Cross Sanatorium ...	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—
Mayday Hospital ...	7	14	1	65	51	4	34	43	3	26	11	1	12	11	1
Fairlight Sanatorium ...	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
Naburn Sanatorium (E.M.S.) ...	—	—	—	16	—	—	16	—	—	—	—	—	—	—	—
Papworth ...	1	—	—	—	1	—	—	—	—	—	—	—	1	1	—
R.N.H.C., Ventnor ...	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
Sheffield Sanatorium ...	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
Scottish E.M.S. Hospital ...	—	—	—	2	1	—	1	1	—	—	—	—	1	—	—
Three Counties E.M.S. Hospital ...	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—
	63	60	5	181	143	7	148	121	5	35	16	2	61	66	5

Residential Treatment for Non-Pulmonary Tuberculosis.
Summary of Patients who have received Institutional Treatment during 1943.

Institution.	In Institutions. on 1.1.44.			Admitted During 1944.			Discharged During 1944.			Died During 1944.			Remaining in on 31.12.44.		
	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.
	M.	F.		M.	F.		M.	F.		M.	F.		M.	F.	
Royal Sea Bathing Hospital	1	1	—	1	—	—	2	1	—	—	—	—	—	—	—
Heritage Craft School	—	—	3	—	—	1	—	—	1	—	—	—	—	—	3
St. Nicholas' & St. Martins Hosp., Pyrford	—	—	2	—	—	2	—	—	1	—	—	—	—	—	3
Roy. Nat. Orthopaedic Hosp.	—	1	—	1	1	—	—	2	—	—	—	—	1	—	—
Lord Mayor Treloar Cripples Hosp. ...	—	—	—	—	—	1	—	—	1	—	—	—	—	—	—
Nayland Sanatorium	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—
Queen Mary's Hospital	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
Scottish E.M.S. Hospital	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—
St. Luke's Home	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
St. Michael's Hospital	2	—	—	—	—	—	2	—	—	—	—	—	—	—	—
Croydon General Hospital	1	—	—	4	1	—	5	1	—	—	—	—	—	—	—
Redhill County Hospital	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
Mayday Hospital	—	1	—	2	2	2	2	2	1	—	1	1	—	—	—
Victoria Home for Inv. Children	—	—	4	—	—	2	—	—	4	—	—	—	—	—	2
St. Anthony's Hospital	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
	5	3	10	10	6	8	12	7	8	—	1	1	3	1	9

Residential Treatment.

259 males, 212 females and 30 children were treated in Residential Institutions in connection with the Croydon Tuberculosis Scheme during 1944.

The immediate results of treatment of patients discharged from residential institutions during the year are as follows:—

Pulmonary Tuberculosis.

In Class T.B. Minus, 21 males, 22 females and 2 children were discharged with the disease in a quiescent condition, i.e., 75 per cent. of the total cases in this class. Four males and 11 females were not in a quiescent condition, 25 per cent.

In Class T.B. Plus, the corresponding figures were 20 males and 11 females, quiescent, 31.6 per cent.; 39 males and 15 females, not quiescent, 55.1 per cent.; 8 males and 5 females died, 13.3 per cent.

Taking the groups together, 48.1 per cent. of cases were discharged as quiescent; 43.7 per cent. as not quiescent; and 8.2 per cent. died.

Non-Pulmonary Tuberculosis.

14 patients were discharged during the year, and 71.4 per cent. of these were quiescent.

The Chest Clinic and Home Visiting.

The subjoined table gives a summary of the work done in connection with the Clinic.

789 new cases were examined during the year. This is equal to 724 for each 100 deaths from the disease. 219 or 200 for each 100 deaths were found to be definitely tuberculous.

The total number of attendances at the Clinic was 5,286. The Tuberculosis Officer paid 75 home visits, and the District Health Visitors 1,930 visits, for Clinic purposes. In addition, the Health Visitors made 279 primary visits for the purpose of the Notification Register.

The Tuberculosis Officer paid 61 visits to Mayday Hospital, in a consultative capacity, and there examined 293 patients.

Patients requiring home nursing or surgical dressings are attended to by the nurses from the Croydon Nursing Service, by arrangement with that organisation, and 1,018 such visits were made during the year. Their assistance is a valuable adjunct in the care of domiciliary cases.

Contact Examination.

The contacts of definite cases are urged to attend the Clinic for examination (and subsequent supervision). This is an important preventive measure. During the year 181 contacts were examined, equal to 166 for each 100 deaths, compared with 267 in 1943, 238 in 1942, 227 in 1941, 278 in 1940, 325 in 1929, and 301 in 1938. Of these 4 were considered to be tuberculous. This is equal to a tuberculosis rate per 1,000 contacts of 22.1 compared with 1.66 per 1,000 of the general population.

281 appointments for examination were offered to new contacts during 1944, but only 181 new contacts attended and were examined.

The Clinic Register of Cases.

The number of cases of Tuberculosis under the supervision of the Clinic at the end of the year was 1,060. This is equivalent to 5.5 persons per 1,000 of the population.

During the year 89 Clinic cases died. Of this number 25 or 28.1 per cent. were seen for the first time in 1944.

Dental Treatment for Patients Referred from the Chest Clinic to Lodge Road.

Patients referred from the Chest Clinic are treated at Lodge Road Treatment Centre on Wednesday afternoons from 3.30 to 5 p.m., and after the treatments are carried out the Clinics are thoroughly disinfected.

The majority of cases treated are referred by the Tuberculosis Officer, the remainder being patients discharged from the Borough Sanatorium at Cheam before treatment could be completed.

Summary of Work Done.

	<i>Males.</i>	<i>Females.</i>	Total.	
			1944	1943
Referred from Chest Clinic ...	2	14	16	21
Treatment cases continued from Cheam.	11	8	19	19
Attendances	45	63	108	131
Extractions	2	35	37	47
Fillings	9	14	23	25
Dressings	—	5	5	5
Scalings	—	4	4	14
Denture Dressings	35	34	69	81
Dentures fitted	11	9	22	28
Dentures Repaired	—	2	2	2

Number of Treatment Sessions: 21.

The amount of 6s. was taken in attendance fees during the year at Lodge Road.

SUMMARY OF CLINIC STATISTICS FOR 1944.

Number of persons on Clinic Register, January 1st, 1944 ...	1,049
„ notified cases examined for the first time	29
„ cases sent for an opinion	584
„ first attendances, including 80 inward transfers ...	1,050
„ consultations of T.O. with medical practitioners—	
(a) Personal	11
(b) Other	668
„ visits paid by T.O. to homes of patients	75
„ visits paid by T.O. to Mayday Hospital	61
„ patients examined by T.O. at Mayday Hospital ...	293
„ visits paid to homes of patients by Health Visitors...	2,209
„ visits paid to homes of patients by District Nurses for nursing attention	1,018
Attendances of patients at the Clinic—	
Men	2,519
Women	2,307
Children	460
Total	5,286

Number of Insured Patients under Domiciliary Treatment at the end of year—

Pulmonary	200
Non-Pulmonary	14
Total	<u>214</u>

Number of reports received from Panel Practitioners (G.P.36) ...	164
„ report forms sent to Panel Practitioners (G.P.36) ...	287
„ reports received from Panel Practitioners on Forms G.P.17	1
„ reports received from Panel Practitioners on Forms G.P.35	1
„ X-Rays taken	1,331
„ reports made to Ministry of Pensions by T.O. on general progress of Tuberculous ex-Service men.	85
„ special reports made to the Ministry of Pensions by T.O. re Tuberculous ex-Service Men (Form M.P.M.S.D. 122)	23
„ cases referred to Light Treatment	2
„ cases referred to Orthopaedic Clinic	13
„ cases receiving extra nourishment at the end of year	16
„ cases referred by the Ministry of Labour and National Service Medical Board for examination and report	94

Tuberculosis Maintenance and Other Allowances.

The Ministry of Health Tuberculosis Maintenance Allowances (as in Memorandum 266/T) to alleviate patients' financial distress caused by loss of income when undertaking treatment for Pulmonary Tuberculosis, continued to be administered during 1944.

- (1) No. of patients in receipt of Ministry of Health Allowances as at 31.12.43 ... 49—26 in Institutions
23 on Domiciliary treatment.
- (2) No. of new patients ... 96
- (3) No. of patients no longer in receipt of Allowances 108
- (4) No. of patients in receipt of Ministry of Health Allowances as at 31.12.44 ... 37—21 in Institutions
16 on Domiciliary treatment.

The Council's extension of the Maintenance Allowances scheme continued during 1944. These allowances are granted to patients suffering from Pulmonary Tuberculosis who are not entitled to allowances under the Government scheme but who carry out treatment recommended under the Council's Tuberculosis scheme :—

- (1) No. of patients in receipt of Council Allowances as at 31.12.43 ... 23— 3 in Institutions
20 on Domiciliary treatment.
- (2) No. of new patients ... 22
- (3) No. of patients no longer in receipt of Allowances ... 18
- (4) No. of patients in receipt of Council Allowances as at 31.12.44 ... 27— 3 in Institutions
24 on Domiciliary treatment.

CHEAM SANATORIUM.

The Sanatorium is situated at North Cheam and normally has accommodation for 93 adult patients of both sexes: men 53 and women 40. Owing to the black-out arrangements, the number of beds now available is 48 men and 37 women.

Immediate Results of Treatment.

Group.	Total number of cases discharged 1944.		Qui- escent.		Im- proved.		No Material Im- prove- ment.		Died in the Sana- torium.		Dis- charged before com- pletion of treat- ment.		Average dura- tion of stay in days.
	M	F	M	F	M	F	M	F	M	F	M	F	
Class T.B. Minus ...	21	23	20	20	1	1	—	—	—	—	—	2	158
Class T.B. Plus—													
Group I ...	7	3	3	2	4	—	—	1	—	—	—	—	138
Group II ...	42	26	6	7	20	11	4	3	3	2	9	3	177
Group III ...	15	4	1	—	2	—	6	1	5	3	1	—	183
Observation Non T.B.	2	1	—	—	—	—	—	—	—	—	—	—	—
	87	57	30	29	27	12	10	5	8	5	10	5	—

In-patients on 1st Jan., 1944		Admitted during year 1944		Discharged during year including deaths		In on 1st Jan. 1945.		Died during year 1944	
M	F	M	F	M	F	M	F	M	F
43	39	101	63	104	64	40	38	8	5

Number of Patients January 1st, 1944	...	...	82
Admitted, 1944	...	...	164
Discharged, 1944	...	...	155
Died, 1944	...	...	13
Remaining January 1st, 1945	...	...	78
No. of X-Ray Screenings	...	...	2,229
No. of X-Ray Films taken	...	...	457
No. of Refills given	...	...	2,041
No. of Gas Replacements	...	...	13
No. of A.P. Cases commenced	...	...	27
No. of Sputum Tests	...	...	838
No. of Pneumoperitoneum	...	...	41

Artificial Pneumothorax cases discharged but still under treatment: 17 males, 7 females (see above), making total discharges: Males 104, females 64. These Artificial Pneumothorax cases only refer to cases discharged in 1944. Those discharged in 1943 and still having refills have not been included.

There were 5 Observation cases sent in—2 males and 3 females. Of the 2 males 2 were not tubercular, and of the 3 females 1 was not tubercular. Therefore, there were 3 Observation cases in non-tuberculars, which are shown above. The 2 that were tubercular are in with the Tubercular cases and are not shown as Observation.

Dental Report.

Routine dental inspection and treatment for patients in the above institution is carried out as early as their general condition permits attendance at the surgery. In the acute stage attention is confined to those whose dental condition causes discomfort, or when treatment has been specially recommended by the Resident Medical Superintendent.

Those returning to their homes in Croydon before being rendered dentally fit can, if desired, attend Lodge Road Clinic at a later date for the necessary work to be completed.

Treatment sessions were 27 compared with 33 last year. There was some fall in output through patients absenting themselves from the Sanatorium during the fly-bomb period, but many of these were afterwards referred from the Chest Clinic and thus had the necessary work completed at Lodge Road.

Review of Work Done.

	<i>Males.</i>	<i>Females.</i>	Total.	
			1944	1943
Number Examined	37	44	81	111
Referred Treatment	31	42	73	93
Treated	31	42	73	82
Attendances	101	125	226	298
Extractions	60	57	117	146
Fillings	15	55	70	99
Dressings	2	7	9	16
Scalings	10	24	34	33
Root Treatments	—	—	—	—
Denture Dressings	24	6	30	34
Dentures Fitted	5	2	7	9
Dentures Repaired	2	1	3	1
Mandibular Injections	4	6	10	22

Number of Treatment Sessions : 27.

MATERNITY AND CHILD WELFARE.

Notification of Births.

Notifications were received from—

	Live Births.	Still Births.	Total.
Midwives	2,872	63	2,935
Doctors, Parents and Others...	614	28	642
	3,486	91	3,577

Maternal Mortality.

There were 5 deaths directly due to pregnancy, compared with 2 in 1943. The maternal mortality rate was 1.36 per 1,000 births, compared with 0.53 in 1943.

The deaths directly due to pregnancy were caused by—

- (1) Shock : accidental ante-partum hæmorrhage.
- (2) Retained placenta : incomplete spontaneous abortion.
- (3) Uræmia : toxæmia of pregnancy.
- (4) Eclampsia (post-partum).
- (5) Circulatory failure : post-partum shock.

Puerperal Pyrexia.

Forty-eight cases of Puerperal Pyrexia were notified. This is a rate of 13.0 per 1,000 births (live and still births).

Accommodation for Confinement.

The following table gives information concerning the accommodation utilized for confinements :—

	Number.	Percentage.
In Private Houses	1,084	30.30
In Public Institutions	1,756	49.09
Registered Maternity Homes ...	737	20.60
	3,577	

Still Births.

During 1944, 97 still births were registered in respect of Croydon. Of these 48 were male babies and 49 female; 6 males and 5 females were illegitimate. The proportion of still births to living children was as 1 to 37. The still birth rate was 2.6 per cent. of the total births. The still birth rate, on the same basis as for Infant Mortality, was 26.4 per 1,000 births.

Ophthalmia Neonatorum.

Three cases were notified during 1944.

The following table gives the notifications in Croydon during the past ten years :—

	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944
No of Cases ...	13	20	21	20	15	14	17	19	10	3
Rate per 1,000 Births ...	3.9	6.2	6.4	6.0	4.5	4.7	7.0	5.5	2.7	0.8

Results of Treatment.

Notified.	Cases treated.		Vision Unimpaired.	Vision Impaired	Died.	Removed	Remaining under Treatment
	At home.	In hospital					
3	3	—	2	—	—	1	—

Infant Mortality.

The Infantile Mortality rate was 44 per 1,000 live births registered.

For the past 5 years the number of infant deaths have been 1940—116, 1941—90, 1942—137, 1943—137, and 1944—156. 125 deaths of infants occurred in Institutions, including Registered Nursing Homes.

Among the 156 deaths, 95 occurred in boy babies and 61 in girls. Of the births, 1,849 were males and 1,734 females. The infantile mortality rate for the two sexes was, therefore Boys—51, Girls—35.

The rate of infant mortality amongst legitimate children was 40 per 1,000 births. The rate in illegitimate children was 87 per 1,000 births.

DEATHS UNDER ONE YEAR, ARRANGED IN DAYS, WEEKS AND MONTHS.

CAUSES OF DEATH.	1st day.	2nd day.	3rd day.	4th day.	5th day.	6th day.	7th day.	1st-2nd wk.	2nd-3rd wk.	3rd-4th wk.	Under 1 mth.	1-2 mths.	2-3 mths.	3-4 mths.	4-5 mths.	5-6 mths.	6-7 mths.	7-8 mths.	8-9 mths.	9-10 mths.	10-11 mths.	11-12 mths.	TOTAL.
All Causes Certified	28	9	2	1	2	2	2	24	19	5	94	15	11	10	4	7	1	5	3	4	2	—	156
Chicken Pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	2	—	1	—	—	5
Diphtheria and Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Other Tuberculous Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Meningitis (not Tuberculous)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Convulsions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1
Laryngitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	—	—	—	—	—	—	1	1	—	1	1	—	—	—	—	—	—	—	—	3
Pneumonia (all forms)	—	—	—	—	—	—	—	5	2	—	7	4	2	3	1	2	—	1	—	2	2	—	24
Diarrhoea and Enteritis	—	—	—	—	—	—	—	2	3	1	6	1	3	—	2	1	—	1	1	—	—	—	15
Gastritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	4	4	—	—	—	2	—	1	—	1	12	5	1	1	1	—	—	—	—	—	—	—	20
Premature Birth	15	5	2	—	1	—	1	11	11	—	46	3	1	—	—	—	—	—	—	—	—	—	50
Atrophy, Atelectasis, Debility and Marasmus	8	—	—	—	—	—	1	3	—	—	12	—	1	1	—	1	—	—	—	—	—	—	15
Injury at Birth	1	—	—	—	—	—	—	2	1	—	4	—	—	—	—	—	—	—	—	—	—	—	4
Other Causes	—	—	—	1	1	—	—	—	2	2	6	2	2	2	—	2	—	—	2	1	—	—	17
Totals	28	9	2	1	2	2	2	24	19	5	94	15	11	10	4	7	1	5	3	4	2	—	156

The following table gives the cause of death during the first month of life :—

(1) Complications of Labour—				
Trauma at Birth	...	...	...	4
				— 4
(2) Foetal States—				
Congenital Heart Malformation	...	...	...	5
Other Congenital Deformities	...	...	...	7
Atelectasis, etc.	...	...	...	12
Hæmorrhagic Disease of Newborn	...	...	...	3
				—27
(3) Prematurity	...	...	...	46
				—46
(4) Post-Natal Causes	...	...	...	17
				—17
				—
				94
				—

	Percentage Deaths per Total Infantile Deaths.		Deaths per 1,000 Births.	
	1943	1944	1943	1944
Premature Births	28.5	32.1	10.6	14.0
Respiratory Diseases (Pneumonia and Bronchitis.)	20.4	17.3	7.6	7.5
*Infectious Diseases (including Tuberculosis)	0.7	4.5	0.3	2.0
Atelectasis, Debility and Marasmus	9.5	9.6	3.5	4.2
†Diseases of Digestion	12.4	10.3	4.7	4.5
Injury at Birth and Congenital	12.4	15.4	4.7	6.7

*These deaths were due to Tuberculosis 2 and Whooping Cough 5.

†These deaths were due to Diarrhoea 15 and Intestinal Obstruction 1.

MIDWIFERY SERVICE.

Midwives Acts, 1902 to 1936.

Seventy-eight midwives notified the Local Supervising Authority of their intention to practice within the Borough during 1944. Twenty-four ceased practising in the Borough; so that fifty-four remained on the Register at the end of the year. All these were trained and held the certificate of the Central Midwives Board.

Confinements Attended by Midwives (including Municipal Midwives).

Cases attended by Midwives alone ... 2,897 81% of total

Cases attended by Midwives when a
doctor was also engaged ... 383

Cases attended by Midwives when a
doctor was also summoned ... 297

Total ... 3,577

The Rules of the Central Midwives Board lay down that the Local Supervising Authority must be informed within 36 hours by a midwife if she has summoned medical help during pregnancy; in a confinement or within 14 days afterwards. The following table gives details of the reasons for sending for medical aid :

FOR COMPLICATIONS DURING PREGNANCY.

Abortion 4	Other causes 14
Albuminuria 7	
	—25

FOR COMPLICATIONS DURING LABOUR.

Breech 4	Transverse Lie 1
Face 1	Undiagnosed 9
	—15

Delayed Labour.

Uterine Inertia 4	Prolonged 18
Delayed 21	Other 5
	—48

Haemorrhage.

Ante-Partum 2	Post-Partum 2
	—4

Other Causes.

Adherent and Retained Placenta ... 4	Illness of Mother 6
	Torn Perineum 103
	—113

FOR COMPLICATIONS DURING PUERPERIUM.

Pyrexia 10	Pain in Breasts 4
Pain in Legs 18	Other causes 1
	—33

FOR COMPLICATIONS IN REGARD TO THE BABY.

Inflammation of Eyes ... 32	Still Birth 1
Feebleness 12	Other causes 10
Premature Birth 4	
	—59

297

In accordance with Rule 33 of the Central Midwives Board, the following reasons for the discontinuance of breastfeeding were received:—

Illness of Mother	...	...	15
Insufficient Milk	...	...	54
Other Causes	...	...	15
			—
Total	...		84
			—

Inspection of Midwives.

Dr. Jenkin Lloyd, the Inspector of Midwives, interviewed 11 midwives at the Town Hall. Fourteen visits were paid by her to the homes of midwives.

Doctors' Accounts under Section 14 (1) of the Midwives Act, 1918.

248 accounts were received from doctors for services rendered under the provisions of this Section. This compares with 329 in 1943, 373 in 1942, 245 in 1941, 321 in 1940, and 424 in 1939. The total amount of the accounts was £385 10s. 0d. £272 5s. 8d. was ultimately recovered from the patients. In 1943 the amount paid to doctors was £671 1s. 0d. and in 1942 £461 16s. 6d.

Nursing Homes.

	Maternity Homes.	Other Nursing Homes.	Combined Maternity and other Nursing Homes.	Total.
No. of Homes on Register on 31/12/43	6	15	14	35
No. of Applications for Registration during 1944	1	3	—	4
No. of Homes Registered during 1944	1	3	—	4
No. of Homes on Register on 31/12/44	9	23	5	37
No. of Beds available ...	60	326	(a) Mat. Beds 29 (b) Other Beds 56	471

WARTIME NURSERIES.
Attendances at War-time Nurseries, 1944.

		Cold- harbour House.	White- horse Road.	Mayday Road.	Tennison Road.	Morland Road.	Bramley Hill.	Ritchie Road.	New Addington.	Euston Road.
Date opened	... ..	23/2/42	1/6/42	1/6/42	1/6/42	8/3/43	27/10/43	23/11/43	28/3/44	15/5/44
Number on books at end of year	...	88	41	49	47	43	53	45	34	43
Attendances : under 2	... ..	4351	2979	4023	3167	3532	4091	2987	793	1396
over 2	... ..	12225	5355	6238	7926	6513	5662	4283	2369	3116
TOTAL	...	16576	8334	10261	11093	10045	9753	7270	3162	4512
Number of days opened	... ..	304	298	302	304	304	305	266	226	192
Average daily attendance	... ..	55	* 28	34	36	33	32	* 27	14	24

* Extensive War Damage.

MATERNITY AND CHILD WELFARE CONSULTATIONS.

There are 18 Maternity and Child Welfare Centres, 16 of which are conducted by the Croydon Mothers' and Infants' Welfare Association and 2 by the local authority. A total of 23 sessions per week are held and at these a doctor and one, or, if necessary, two health visitors, on the staff of the Health Department attend.

During 1944, 2,663 new cases under 1 year of age and 449 over 1 year of age attended for the first time; the total of attendances of infants and young children from 0—5 years decreased from 85,869 in 1943 to 56,884 in 1944. Consultations with doctors decreased from 22,935 to 17,034. 45 expectant mothers were seen, a decrease of 12 on 1943, and a total of 209 visits to the Centres was paid by them. The total of all visits to the Centres was 57,093, a decrease of 29,149 compared with 1943.

The highest average attendance of mothers and babies at each session was recorded at St. Stephen's (72.5), South Croydon (69.1), St. John's (63.8), Norbury (60.1), Municipal (57.5), Boston Road (57.5).

Dental Treatment.

Maternity and Child Welfare Patients.

Expectant and nursing mothers and children below school age are referred by Medical Officers attending Ante-Natal Clinics and Infant Welfare Centres. Since the inauguration of the Municipal Midwives Service, applications for dental treatment have also been received in increasing numbers from this source.

Expectant Mothers.

New cases examined during the year numbered 602 compared with 570 last year, and represented 93 per cent. of the total number of mothers seen for the first time. Of the above, 85 per cent. presented themselves during the first six months of gestation; the remaining 15 per cent. seen during the later stages of pregnancy, included some who had either failed earlier appointments or "declined" dental treatment when this was previously advised in the Ante Natal Clinic.

Nursing Mothers.

Owing to the greater number receiving their treatment antenatally, the proportion of mothers first inspected during the nursing period continues to decline.

New cases referred were 44 compared with 55 last year. Those seen during the first six months after their confinement constituted 79 per cent. of the total number referred; the remainder with infants between seven and twelve months received mostly emergency treatment.

In addition to the above a large amount of treatment was also completed for those referred before their confinements in the previous year.

Treatment.

Including those continuing treatment from the previous year, the total of expectant and nursing mothers treated was 778 compared with 733 in 1943.

As before, a substantial amount of treatment has been of a conservative nature; there has also been a rise in the number of dentures inserted.

One less satisfactory feature noted is that of those referred from the medical side approximately 20 per cent. fail to present themselves for dental examination when required to do so. Attempts at following up such cases have been singularly unsuccessful, and though a small minority attend at a later date when toothache intervenes, there is, apparently, still a substantial section of expectant mothers receiving medical attention who, through ignorance or prejudice, fail to avail themselves of existing dental facilities.

The Pre-School Child.

The total of the above children referred from Welfare Centres and other sources was 299. This figure is slightly less than that of the previous year, which was below that recorded in normal times. One probable cause is that wartime employment undertaken by mothers tends to restrict treatment for this class of patient.

Whilst, as might be expected from the number of interruptions experienced, treatment figures were generally slightly lower than in the previous year, the number of fillings inserted shows, curiously enough, a definite increase on 1943. Full details are to be found in the ensuing Table.

The following summary shows particulars of the work accomplished :—

	Expectant Mothers.	Nursing Mothers'	Total.	Young Children.
New Cases Examined	602	44	646	247
Re-treated	124	8	132	52
Total	726	52	778	299
Attendances	2446	164	2610	548
Fillings	724	25	749	448
Extractions	1832	67	1889	264
" Gas " Cases	253	11	264	87
Local Anaesthesia	456	7	463	125
Scalings and Gum Treatment ...	293	7	300	5
Dressings	508	26	534	20
Denture Dressings	1382	145	1527	—
Silver Nitrate	—	—	—	264
Treatments Completed	275	16	291	147

Number of Sessions (treatment) 445

Dentures Fitted : Full 180

Partial 102

Total 282

Dentures repaired 20

The Centres at which patients were examined, or from which they were referred, are given in the following list :—

Ante-Natal 553	The Retreat 4	Waddon 2
Post-Natal 1	South Croydon 4	Shirley 10
Municipal Midwives 146	St. Albans 8	Boston Road 18
Municipal 27	Woodside 8	St. Stephen's 6
East Croydon 23	Norbury (St. Paul's) 5	Holy Trinity 11
Upper Norwood 9	Bensham Manor .. 4	Addington 5
West Croydon 8	St. Oswald's 10	War-time Nurseries 26
South Norwood 11	St. Andrew's 7	By Dental Officers 122

Total : 1,028

The amount received for attendance fees was £62 13s. 0d., as against £79 14s. 0d. in 1943.

The Work of the Health Visitors.—Maternity and Child Welfare Only.

Visits Re :—	Adalian	Ashe	Bird	Buttfield <i>Left 27-9-44</i>	Catlow	Cross	Devaney	Early	Ernest	Hinton	Hobday	Lewis	Oakley	Overington	Ponting	Richardson	Southgate	Tonerl	Wakefield	Walker	Warman	Webb	Wilson	Wybrew	Total
Infants under 1 year.																									
First visits ...	93	78	185	129	191	80	158	115	181	159	197	103	146	179	150	149	165	278	110	214	177	143	165	179	3724
Re-visits ...	71	234	828	589	450	167	955	630	296	993	1171	859	455	932	322	504	209	246	198	558	590	487	414	663	12851
Children 1-2 years.																									
First visits ...	10	1	13	4	2	1	3	—	6	4	11	9	13	2	1	1	4	6	2	10	5	2	3	6	119
Re-visits ...	52	150	501	354	299	204	475	346	111	616	760	494	337	641	216	308	211	122	213	628	216	341	363	395	8353
Children 2-5 years.																									
First visits ...	9	2	8	11	—	5	7	—	3	1	—	6	11	3	1	2	7	1	—	15	7	5	14	12	130
Re-visits ...	137	263	516	705	251	158	419	455	184	554	1201	582	355	552	519	401	341	83	317	892	660	468	716	645	11374
Expectant Mothers.																									
First visits ...	64	57	90	92	58	56	62	47	75	51	73	50	64	38	55	108	118	121	65	84	116	61	122	81	1808
Re-visits ...	2	14	7	4	12	22	—	53	6	—	50	1	—	4	2	11	24	1	3	14	—	3	45	8	286
Still Births ...	—	—	2	—	1	—	—	—	—	—	—	—	3	—	1	—	—	2	4	3	1	1	1	3	25
Deaths under 1 year	1	5	2	5	2	3	2	1	7	—	3	1	1	—	4	—	8	5	1	4	2	1	6	4	68
Miscellaneous visits	35	4	49	5	12	73	33	66	131	3	7	3	4	20	2	19	522	78	16	11	4	41	165	8	1311
Ineffective visits ...	350	218	289	588	493	447	423	265	473	636	399	547	572	325	517	344	395	278	364	793	381	756	700	541	11095
Totals—1944	824	1025	2490	2486	1771	1216	2537	2009	1473	3017	3872	2655	1961	2697	1790	1847	2006	1223	1292	3224	2159	2309	2716	2544	51144
1943	761	837	1073	2336	1913	818	1991	1841	1049	2060	3514	1625	1922	1990	850	1225	1150	1097	900	2319	1130	1056	1985	1771	38771

Attendances at Infant Centres—1944.

	Municipal.	Boston Road.	St. Andrew's.	South Croydon.	Shirley.	Woodside.	Lr. Addiscombe Road.	South Norwood	Westow Street.	St. Alban's.	St. John's	St. Oswald's.	West Croydon.	Norbury.	Waddon.	Selhurst.	Addington.	St. Stephen's	Total 1944.	Total 1943.
New cases under 1 year ...	332	133	126	166	140	134	276	195	65	150	114	174	69	116	117	95	118	143	2663	3142
No. of re-attendances ...	3368	1493	1469	2256	1135	1429	2777	2590	945	2281	1663	2448	882	1463	1403	1369	1436	2222	32629	51588
New cases over 1 year ...	58	18	22	32	25	17	52	33	18	28	36	17	21	14	24	18	1	15	449	755
No. of re-attendances ...	1997	1174	1027	931	698	919	1717	1206	916	1364	1227	1452	900	1347	755	1232	961	1320	21143	30384
Attendances of children 0-5	5755	2818	2644	3385	1998	2499	4822	4024	1944	3823	3040	4091	1872	2940	2299	2714	2516	3700	56884	85869
Consultations with Doctor	2052	877	798	956	502	710	1563	1487	523	1289	991	1223	735	668	845	967	774	1074	17034	22935
No. of Sessions ...	100	49	48	49	37	49	89	82	48	78	48	87	49	49	49	49	72	51	1083	1148
EXPECTANT MOTHERS :																				
No. of new cases ...	4	—	—	—	—	—	—	12	—	2	13	—	1	1	11	1	—	—	45	57
No. of re-attendances ...	—	—	—	1	—	—	3	9	—	12	7	—	28	2	70	32	—	—	164	316
Total attendances of Expectant Mothers ...	4	—	—	1	—	—	3	21	—	14	20	—	29	3	81	33	—	—	209	373
Total attendances...	5759	2818	2644	3386	1998	2499	4825	4045	1944	3837	3060	4091	1901	2943	2380	2747	2516	3700	57093	86242
Average attendance per Session... 1944	57.5	57.5	55.1	69.1	54.0	51.0	54.2	49.3	40.5	49.1	63.8	47.0	38.8	60.1	48.6	56.1	34.9	72.5	†52.7	
1943	85.2	77.6	85.8	91.5	67.3	92.3	76.1	62.2	71.6	74.0	85.9	83.4	52.4	82.7	54.7	80.0	39.8	115.8		†74.8

†Total average attendance each week at all Centres.

Convalescence Committee of the Croydon Mothers' and Infants' Welfare Association.

This Committee undertakes the arrangements for convalescence in cases of mothers and children referred for that purpose by the medical officers at the various Infant Welfare Clinics. I am indebted to the Convalescence Secretary for the data given below :—

Convalescent Homes.

Total number of children under 5 sent to Convalescent homes	...	...	...	...	...	...	14
Total number of weeks	...	...	...	...	...	...	154
Cost	...	...	...	...	...	£117 7s. 5d.	
Numbers of mothers sent for convalescence							None
Number of children under 5 sent with their mothers to cottages	...	...	...	...	...	...	One

Home Helps.

From 1st January to December 21st, 412 mothers applied for Home Helps, and 373 were supplied. The corresponding figures for 1943 were 431 mothers applied, and 381 were supplied. £567 19s. 2d. was collected in payment for their services. At the end of the year there were the names of 14 full-time and 4 casual Home Helps on the register.

Babies' Help Report.

I am indebted to Mrs. Philpott for the following particulars :—

In January, 1944, 3 mothers and babies were receiving help. In December 11 were on the books. 24 have been helped during the year. We are again grateful to the Health Visitors for their help in the distribution of grants.

Croydon Association of Moral Welfare.

This Association has a Home for Girls at 34, Morland Road, and a Hostel at 24, Morland Road. As the Council now makes a yearly financial grant of £100 towards its conduction, it is periodically inspected by the Council's officers.

PUBLIC HEALTH ACT, 1936. PART VII.

Child Life Protection.

This part of the Act deals with Foster Mothers and Foster Children.

The Tables below give figures for 1944.

FOSTER CHILDREN.

No. as at Dec. 31st 1943	Notice of Reception of Children during the year	Notice of removal to—				Children Adopted	Died	Children reaching age of 9	No. as at Dec. 31st 1944
		Parent	Another area with Foster Parent	Another Foster Mother	Public Institu- tion				
144	126	76	51	14	13	17	3	9	87

FOSTER MOTHERS.

No. as at December 31st 1943	Applications for Authorisation during the year.	Removals during the year		Authorisation cancelled for other reasons	No. as at December 31st 1944
		With Child	Without child		
150	31	11	40	69	61

The Health Visitors paid 972 visits to foster-mothers for the purpose of supervision.

THE OBSTETRIC SERVICE.

The Obstetric Service has been described in my Report for 1938. The following are the statistics for 1944.

Taking the Registrar-General's figures for maternal mortality (deaths directly due to pregnancy, but excluding abortion, the rate for England and Wales for 1944 was 1.53 per 1,000 births. In Croydon the rate was 1.08. In "booked" cases treated by the Obstetric Service the rate for 1944 was 0.63 per 1,000 Hospital deliveries; nil per 1,000 home deliveries, and 0.39 per 1,000 over all deliveries.

The total rate for the Service, 0.39 per 1,000, is the lowest ever recorded. The only death in booked cases was an abortion.

Of the cases treated to a conclusion at the Post-Natal Clinic during 1944, 96.7 per cent. were classified as "Health Unimpaired." This signifies that anatomically and functionally their condition was the same as before their pregnancies. The corresponding figure for 1943 was 88.9.

The number of cases delivered of viable babies in Mayday Hospital, with a nominal 68 beds, was 1,098. The number delivered at St. Mary's Maternity Hospital, with 30 beds, was 490. The number of cases delivered by the Domiciliary Branch of the Service (Municipal Midwives) was 991. Including 32 cases admitted after delivery, the total number of deliveries dealt with by the Obstetric Service was 2,579. The total number of infants born was 2,604.

In April, 1943, Monteagle Nursing Home was equipped and opened as an annexe to Mayday and St. Mary's Hospitals, providing 20 additional lying-in beds and 2 nurseries. These beds are included in the Mayday Hospital beds named above. 368 mothers and babies were transferred from Mayday Hospital, and 27 mothers and babies from St. Mary's Hospital in the first half of 1944 to finish their nursing after about the 7th day. This has made possible the considerable increase in the number of deliveries in Mayday Hospital, and, to a lesser extent, in St. Mary's Hospital, in 1944, as compared with previous years. The Home was closed for the last half of 1944, owing to enemy action.

General Statistics, 1944.

No. of live births allocated to the Borough of Croydon	...	3,583
„ still „ „ „ „	...	97
No. of maternal deaths (directly due to pregnancy)	...	—
No. of cases of notified Puerperal Pyrexia	... ..	48
No. of expectant mothers who attended the Borough Ante-Natal Clinics	... ..	3,783
No. of cases delivered in Mayday Hospital as Booked cases (exclusive of abortions)	... ..	1,030
No. of cases delivered in Mayday Hospital as Emergency cases (exclusive of abortions)	... ..	68
Total cases delivered in Mayday Hospital	... ..	1,098
No. of cases delivered in St. Mary's Maternity Hospital as Booked cases	... ..	490
No. of cases delivered in St. Mary's Maternity Hospital as Emergency cases	... ..	—
Total cases delivered in St. Mary's Maternity Hospital	—	490
No. of cases delivered by Municipal midwives	... ..	991
Total	...	2,579

No. of cases admitted to the Puerperal Infection Unit, Borough Hospital and Mayday Hospital Isolation Wards, including 22 from Mayday Hospital and 7 from St. Mary's Maternity Hospital	36
No. of Maternal deaths in Booked cases from Borough Ante-Natal Clinics	1 (an abortion)
No. of Maternal deaths in Emergency cases at Mayday Hospital	6 (including 3 criminal abortions)
No. of Maternal deaths in cases admitted as Puerperal Sepsis <i>per se</i>	0
Total Maternal deaths in beds of the Obstetric Service	7 (including 4 abortions, 3 of which were criminal)

The total number of patients treated by the Obstetric Service was :—

(a) In Mayday Hospital	1,731
(b) In St. Mary's Maternity Hospital	490
(c) In the Borough Hospital Puerperal Infection Unit and Mayday Hospital Isolation Wards, excluding 15 from (a) and 7 from (b)	7
(d) At the Ante Natal Clinics and delivered outside the above Hospitals (including Municipal Midwives' cases)	1,416
(e) At the Post-Natal Clinics, excluding those included in (a), (b), (c) and (d)	1,370
(f) At the Ante-Natal Clinics and undelivered on December 31st, 1944	939
	5,953

ANTE-NATAL SUPERVISION.

	1943	1944
No. of Sessions at Ante-Natal Clinics held	565	551
No. of individuals who attended	4,100	3,783
No. of previous year's cases continuing attendance	778	982
No. of new cases	3,322	2,824
No. of cases undelivered on 31st December	982	939
Total attendances made	22,273	21,141
Average attendances per session	39	39
No. of cases delivered in hospital as Booked cases	1,737	1,584
No. of cases delivered by Municipal Midwives.	1,072	991
No. of cases delivered at other places under the care of private doctors or midwives	138	425

No. of patients found not to be pregnant	29	...	25
No. of patients referred to hospital for Ante-Natal treatment	489	...	267

The conditions for which these were admitted can be ascertained by reference to the "Booked" columns of the Numerical Summary of Cases. 8 Ante-Natal Clinics per week are now held at Lodge Road for cases booked for Hospital delivery and 4 Clinics per week for home delivery. A Post-Natal Clinic for cases delivered at home has also been instituted.

During 1944 the Obstetric Service dealt with 2,604 out of the total births allocated to the Borough.

Major Ante-Natal Conditions treated at the Ante-Natal Clinic.

BREECH PRESENTATION.

Breech presentation diagnosed	211
Spontaneous version	16
External version successful	146
External version not successful	49
Allowed to go to term as Breech	49
Not recognised as Breech before labour	0

DENTAL TREATMENT.

No. of cases referred to Borough Dental Surgeons ...	700
No. of cases referred to Private Dental Surgeons ...	91
No. of cases refusing dental treatment	42
No. of cases seen too late for necessary dental treatment	46

TUBERCULOSIS.

Referred from Tuberculosis Officer because of pregnancy	8
Referred to Tuberculosis Officer for opinion on lung condition	17

VENEREAL DISEASE.

Gonorrhoea ... Total cases	2
Transferred to Borough V.D. Clinic ...	2
Syphilis ... Total cases	7
Transferred to Borough V.D. Clinic ...	7
Non-Venereal	5

Independent Midwives Cases.

These cases may be summarised as follows:—

Total number of midwives' cases during 1944 ...	425
Number of cases sent for one consultation only	90
Number of cases supervised entirely	335

SPECIAL INVESTIGATIONS.

Special investigations were carried out on ante-natal patients attending the Clinics and on patients in St. Mary's Maternity Hospital and Mayday Hospital Maternity Wards.

Pathological Investigations.

Blood for Wasserman	142
Blood for Kahn Reaction	117
Blood for Gonococcus Fixation Test	117
Blood for Grouping	181
Blood for Culture	8
Blood for Urea Content	46
Blood for Cell Count, etc.	80
Catheter Urine for Routine Examination	452
Urine for Aschheim-Zondek Test	40
Urine for Urea Concentration Test	124
Lochia for Culture	92
Sputum for Examination	12
Pus for Identification of Organism	38
Urethral Smears for Gonococci, etc.	8
Cervical Smears for Gonococci, etc.	9
Conjunctival Smears	28
Histological Sections	263
Throat Swabs for Organisms	96
Faeces for Occult Blood, etc.	15
Blood for Hb. Estimation	616
Various	16
Blood Compatibility Tests	130

X-Ray Examinations (Mayday Hospital X-Ray Department).

343 cases were referred from Mayday Hospital, St. Mary's Maternity Hospital, and Ante-Natal Clinics. Reasons for reference were :—

Breech for Attitude, etc.	67
For Presentation, Attitude, etc.	65
Twins	72
Foetal Death	6
Foetal Parts	6
Disproportion	91
Foetal Abnormalities	25
Pelvic Abnormality	5
Various	6

IN-PATIENT TREATMENT.

A.—Patients “Booked” in the Ante-Natal Department :—

	Mayday Hospital.	St. Mary's Maternity Hospital.	Total.
(1) Delivered in hospital after 28th week ...	998	490	1,488
(2) Delivered in hospital before 28th week..	67	—	67
(3) Admitted after delivery	25	—	25
(4) Discharged undelivered after ante-natal treatment and not subsequently delivered in hospital	1	2	3
(5) Died undelivered	1	—	1
(6) Ectopic Pregnancy	—	—	—
	<u>1,092</u>	<u>492</u>	<u>1,584</u>

B.—“Emergency” patients sent into Hospital with some complications by outside doctors or midwives. No “Emergency” cases were admitted into St. Mary's Maternity Hospital :—

	Mayday Hospital.
(1) Before Labour :	
(a) Discharged undelivered	14
(b) Delivered in hospital after 28th week...	68
(c) Delivered in hospital before 28th week	128
(d) Died undelivered	—
(2) After Delivery	7
(3) Ectopic Pregnancy	4
	<u>221</u>

A Numerical Summary of cases admitted for treatment, delivered in Hospital, or admitted after delivery.

Some cases appear in more than one category in the summary.

	Mayday Hospital Booked.	Mayday Hospital Emergency	St. Mary's Maternity Hospital Booked.	Total.
1. Conditions chiefly Ante Natal.				
Albuminuria	90	11	23	124
Eclampsia	—	2	—	2
Persistent vomiting of pregnancy ...	6	1	—	7
Chronic cervitis	—	—	—	—
Acute pyelitis	13	5	2	20
Malnutrition, debility, simple anaemia, etc.	28	—	10	38
Retroverted gravid uterus	2	—	—	2
2. Intercurrent Diseases.				
Chronic nephritis	—	—	—	—
Pulmonary Tuberculosis	8	—	—	8
Venereal disease	14	—	—	14
Cardiac disease	20	1	2	23
3. Conditions chiefly Natal.				
Presentations at Delivery :—				
Anterior positions of the vertex ...	951	50	452	1453
Posterior positions of the vertex ...	37	7	23	67
Breech	34	5	15	54
Shoulder	—	1	1	2
Face and brow	—	—	—	—
Complex	—	—	1	1
Caesarean section	45	2	—	47
Twins and Triplets	17	—	8	25
Accidental haemorrhage	10	9	3	22
Placenta praevia	19	2	2	23
Hydramnios	10	—	1	11
Prolapse of cord	3	—	—	3
Retained placenta	7	1	5	13
Post-Partum haemorrhage	44	1	10	55
B.B.A.	25	7	—	32
Lacerated perineum	351	17	186	554
Obstructed labour	—	—	—	—
Premature labour	72	5	19	96
Abortion	98	144	—	242
Ectopic pregnancy	—	4	—	4
Abdominal Hysterotomy	—	2	—	2
Forceps delivery	51	6	32	89
4. Conditions chiefly Post Natal, excluding re-admissions from Post Natal Clinic.				
Breast abscess	6	1	—	7
Notified pyrexia or fever	20	2	7	29

In addition 7 cases of Puerperal Pyrexia *per se* were admitted to the Puerperal Infection Unit of the Borough Hospital.

Blood Transfusion (93 Obstetrical and 50 Gynaecological cases).

For every case, stored blood from the Blood Transfusion Depot, Sutton, was used.

There were no deaths.

Infants.

	Mayday Hospital Booked.	Mayday Hospital Emergency	St. Mary's Maternity Hospital Booked.	Total	Per Cent.
No. of infants in Hospital on 1st Jan., 1944	50	2	18	70	—
Total No. of live births, still births and infants admitted with Mother (B.B.A.) ...	1047	68	498	1613	—
No. of infants in Hospital on 31st Dec., 1944	35	—	16	51	—
Alive on discharge from Hospital	984	52	477	1513	93.9
Stillborn	27	8	14	49	3.0
Died (born alive, but died in Hospital)	36	8	5	49	3.0

Infant Feeding and Weight on Discharge from Hospital.

In both hospitals normal infants were breast-fed every four hours omitting the early morning feed.

Of 1,036 infants discharged from Mayday Hospital, 682 were up to or over birth weight (66 per cent.).

Of 477 infants discharged from St. Mary's Maternity Hospital, 307 were up to or over birth weight (64 per cent.).

Twins and Triplets.

There were 25 cases of Twins and no Triplets. There was no maternal death.

	Mayday Hospital. Booked.	Mayday Hospital. Emergency.	St. Mary's Maternity Hospital. Booked.	Total.
No. of cases	17	—	8	25
No. of infants discharged alive	24	—	13	37
No. of still-births and infant deaths	10	—	3	13
Foetal and Infant Mortality ...	29.4%	—	18.7%	26%

POST NATAL AND GYNAECOLOGICAL CLINIC.

Number of Sessions held	130
„ „ Individuals presented	1,723
„ „ Subsequent attendances	1,086
Total attendances	2,809
Average attendance per session	21
Number of Post-Natal cases	1,439
Number of Gynaecological cases	1,370

END RESULTS.

1,091 cases were treated on their termination (other than death) during the year, and the results were classed as follows:—

	Mayday	St. Mary's	M.M.	Total.	%
Health unimpaired	571	275	190	1,036	96.7
Health slightly impaired	21	11	23	55	3.3
Health seriously impaired... ..	0	0	—	0	0.
Totals, treated to conclusion	592	286	213	1,091	

Maternal Mortality (Obstetric Service).

Seven deaths occurred of mothers dealt with by the Service, one † in a “Booked” case and 6 emergencies.*

The maternal mortality of “Booked” cases, *i.e.*, cases under the continued supervision of the Service, is 0.65 per 1,000 hospital deliveries, and 0.39 per 1,000 total deliveries, including the Municipal Midwives “Booked” cases.

Puerperal Infection.

Thirty-six cases were treated in isolation for puerperal infection, 7 of them in the Borough Hospital and 29 in Mayday Hospital. There was no death.

Sources of the Cases.

	Cases.	Deaths.
From Mayday Hospital:—		
“Booked” Cases	20	—
“Emergency” Cases	2	—
From St. Mary's Maternity Hospital	7	—
From other Hospitals	—	—
From private doctors, deliveries in Nursing Homes	—	—
From private doctors, deliveries at home	—	—

* Including 3 criminal abortions.

† An abortion.

The Assistant Medical Officer of Health for Obstetrics was called in by medical practitioners to see 85 obstetrical and 178 gynæcological patients who could not afford to pay a private consultant.

In addition, he was asked by the Medical Superintendent of Mayday Hospital to give an opinion on the obstetric and gynæcological aspects of 45 cases in the medical and surgical wards of the Hospital.

MENTAL DEFICIENCY.

Number of known Mentally Defective Patients in the Borough :—

1.—Statutory Cases.

Aged 0—5 years	...	...	...	40
Aged 5—16 years	...	...	...	170
Over 16 years	...	...	...	390
Total...				600

2.—Education Cases.

Aged 7—16 years	...	...	...	128
Combined Total				728

Compared with 1943, the Statutory cases show an increase of 32 and the Educational cases an increase of 14.

Three of the cases under Statutory supervision have died—two in hospital and 1 at home. 3 institution patients have died in hospital.

The Statutory cases are distributed as follows :—

In Certified Institutions	...	...	...	191
In Approved Homes	...	...	...	5
On leave from Institutions	...	...	...	3
Under Statutory supervision at home	...	...	...	279
Under Guardianship	...	...	...	66
In Mental Hospitals	...	...	...	7
Observation Cases	...	...	...	54
				605

The Education cases were distributed as follows :—

In Certified Residential Schools	3
In Certified Day Schools	101
In Private Schools	—
Awaiting vacancies at St. Christopher's	24
	128

During the year the Certifying Medical Officers made examinations and paid visits to the number of 120 to Statutory cases. The Mental Deficiency Visitors paid 1,060 visits to Statutory cases and 1,006 to Education cases, 2,066 visits in all, a decrease of 229 on 1943 figures.

During 1944, thirty-one Statutory cases were dealt with as follows :—

Sent to Certified Institutions	12
Placed under Guardianship	11
Sent to Croydon Mental Hospital	—
Varying Orders :	
(a) Change of Guardian	2
(b) From one Institution to another... ..	3
(c) From Guardianship to Institution	—
(d) Orders closed	3

Eighty-seven Orders were renewed during the year, 10 of which were Guardianship.

Guardianship Cases.

There were 66 cases under Statutory Guardianships, 42 of these under the care of relatives, and 24 with Guardians who are not relatives. 9 males and 3 females are at work.

480 visits have been paid to Guardianship cases during the year.

There are 3 cases on leave from Institutions (2 boys and 1 girl).

Clinic for Mentally Defective, Backward and Abnormal Children.

107 children were examined during 1944. The classifications arrived at, together with recommendations made, are summarised under :—

(1) Certified as Mentally Defective :

Recommendations.

(a) Recommended for Special Day School ...	43
(b) Recommended for Residential School	5
(c) Recommended for Occupational Centre ...	3

(2) Found to be dull and backward :

(a) Referred to a special class	25
(b) Further trial in ordinary class	1
(c) Re-test in one year	25
(d) To attend St. Giles because of physical defect	1
(e) To attend St. Luke's	1
(f) Referred for Medical Treatment	—

(3) Referred to Child Guidance Clinic 3

107

Mental Tests at St. Christopher's	19
--	----

ORTHOPAEDIC DEPARTMENT.

The arrangements are the same as in 1943.

Summary of Cases Attending the Orthopaedic Clinic.

Jan. 1st, 1944.			New Cases, 1944.			Cases Discharged, 1944.			Cases on books, Dec. 31st, 1944.		
M.C.W.	S.M.S.	Tuberc.	M.C.W.	S.M.S.	Tuberc.	M.C.W.	S.M.S.	Tuberc.	M.C.W.	S.M.S.	Tuberc.
136	196	86	76	127	13	73	142	13	139	181	86
418			216			228			406		

Cases Seen by the Orthopædic Surgeon.

Defects.	School.		M.C.W.		Tuberculosis.		Total.	
	Cases.	Attend- ances.	Cases.	Attend- ances.	Cases.	Attend- ances.	Cases.	Attend- ances.
Infantile Paralysis ...	10	22	1	4	—	—	11	26
Curvature or Postural Defects ...	26	40	—	—	—	—	26	40
Pes Cavus ...	7	9	—	—	—	—	7	9
Pes Planus ...	89	167	14	24	—	—	103	191
Genu Valgum ...	46	58	73	134	—	—	119	192
Talipes ...	9	20	10	21	—	—	19	41
Obstetrical Paralysis ...	1	1	1	2	—	—	2	3
Joint Diseases... ..	4	6	—	—	39_A 4_S 2_M	84_A 5_S 7_M	49	102
Injuries ...	6	13	1	1				
Rickets ...	1	1	3	5	—	—	4	6
Wry Neck ...	1	4	4	10	—	—	5	14
Spastic Paraplegia ...	8	12	6	9	—	—	14	21
Congenital dislocation of the Hip ...	10	22	—	—	—	—	10	22
Other deformities ...	46	59	30	39	—	—	76	98
	264	434	143	249	45	96	452	779

A—Adults; s—School Child; M—Pre-School.

Summarised the Table shows 264 school children attended and made 434 attendances; 143 babies made 249 attendances; and 45 tuberculosis cases made 96 attendances; a total of 452 cases, making 779 attendances.

The following Table shows the number of cases referred direct from the Orthopaedic Clinic for Massage, Swedish Remedial and Electrical Treatment, and also X-Ray examinations at the Croydon General Hospital :—

Defects.	School Cases.			M.C.W. Cases.			Tuberculosis Cases.			Total.		
	Cases	No. of Treatments	X-Rays	Cases	No. of Treatments	X-Rays	Cases	No. of Treatments	X-Rays	Cases	No. of Treatments	X-Rays
Infantile Paralysis ...	2	27	—	—	—	—	—	—	—	2	27	—
Curvature or postural defect	4	16	1	—	—	—	—	—	—	4	16	1
Pes cavus ...	—	—	—	—	—	—	—	—	—	—	—	—
Pes planus ...	2	18	—	—	—	—	—	—	—	2	18	—
Genu Valgum ...	1	—	1	—	—	—	—	—	—	1	—	1
Talipes ...	—	—	—	2	49	—	—	—	—	2	49	—
Joint Disease ...	1	—	1	—	—	—	16	1	21	17	1	22
Injuries ...	3	3	5	1	—	1	—	—	—	4	3	6
Rickets ...	—	—	—	—	—	—	—	—	—	—	—	—
Wry Neck ...	1	5	—	3	13	1	—	—	—	4	18	1
Spastic Paraplegia ...	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Dislocation of the Hip.	5	4	4	—	—	—	—	—	—	5	4	4
Other Deformities ...	8	—	8	2	1	1	—	—	—	10	1	9
	27	73	20	8	63	3	16	1	21	51	137	44

Cases sent to Residential Institutions.

Name of Institution.	School Cases.			M. & C.W. Cases			Tuberculosis Cases.			Total.			
	No. in on 1st Jan., 1944	Admitted	Discharged.	No. in on 1st Jan., 1944	Admitted.	Discharged.	No. in on 1st Jan., 1944	Admitted.	Discharged.	No. in on 1st Jan., 1944	Admitted.	Discharged.	No. in on 1st Jan., 1944
Horton	—	—	—	—	—	—	1A	—	1A	1	—	1	—
Pyrford	—	1	—	—	—	—	2s	2s	1s	2	3	1	4
Croydon Gen. Hosp.	—	4	4	—	2	2	1A	1A	2A	1	7	8	—
Heritage Craft Schls.	1	—	—	—	—	—	{ 1s 1M	1s	—	3	1	—	4
Pinner	—	—	—	1	—	—	—	—	—	1	—	—	1
E. M. S. Hosp. ...	—	—	—	—	—	—	—	2A	1A	—	2	1	1
Royal Sea-bathing Hosp.	—	—	—	—	—	—	1A	—	1A	1	—	1	—
Shaftesbury Homes...	1	—	—	—	—	—	—	—	—	1	—	—	1
Queen Mary's Hosp.	—	—	—	—	—	—	1s	—	—	1	—	—	1
Royal Nat. Orth. Hosp	—	—	—	—	—	—	1A	1A	2A	1	1	2	—
Mayday Hosp. ...	2	2	4	—	4	2	1A	{ 7A 1s	{ 4A 1s	3	14	11	6
Redhill Hosp. ...	—	—	—	—	—	—	—	1A	—	—	1	—	1
	4	7	8	1	6	4	10	16	13	15	29	25	19

*Conditions for which Patients were admitted to Hospitals
with the Results of Treatment.*

Condition.	In on 1st Jan. 1944	Ad- mitted or trans- ferred.	Discharged.			I.S.Q.	Died.	In on 1st Jan. 1945
			Ar- rested.	Quies- cent.	Im- proved.			
Infantile Paralysis ...	1	1	—	—	1	—	—	1
Tubercular Joint Disease	10	16	3	1	5	4	—	13
Hemiplegia ...	—	—	—	—	—	—	—	—
Genu Valgum ...	—	4	—	—	2	—	—	2
Pes Planus ...	—	2	—	—	2	—	—	—
Talipes ...	—	—	—	—	—	—	—	—
Rickets ...	—	—	—	—	—	—	—	—
Other Deformities ...	—	4	—	—	4	—	—	—
Spastic Paraplegia ...	—	1	—	—	1	—	—	—
Scoliosis ...	2	—	—	—	2	—	—	—
Osteomyelitis ...	—	—	—	—	—	—	—	—
Congenital Disease of Hip	2	1	—	—	—	—	—	3
	15	29	3	1	17	4	—	19

The percentage of arrested cases was 12 per cent.; quiescent cases was 4 per cent.; and 68 per cent. were improved.

BLIND PERSONS ACT. 1920.

Close co-operation has been maintained with the Croydon Voluntary Association for the Blind. The blind persons residing in Croydon are visited at regular intervals by the Health Visitors.

I am indebted to the Secretary of the Voluntary Association for the figures below :—

Number of Blind on Register	450
Number of Blind who benefit from instruction in Braille or Moon type (including those who already read)	81
Number of Blind who benefit from part-time instruction	43
Number in remunerative handicrafts—	
(a) Home worker	35
(b) In workshops	9
(c) St. Dunstan's	13
(d) Workers not included in scheme	31
Home Teacher	1

The Health Visitors paid 489 visits to blind persons during the year.

The following Table shows :—

- (a) The number of blind persons registered.
- (b) The ages at which blindness occurred.
- (c) The method of training.
- (d) The occupations of employed blind persons.
- (e) The defective blind.
- (f) The unemployable blind persons in homes, mental hospitals or institutions.

Number of Blind on Register	450
------------------------------------	-----

WELFARE OF THE BLIND—REGISTRATION. As at 31/3/45.

TABLE I.

Age period 0—1			Age period 1—5			Age period 5—16			Age period 16—21			Age period 21—40			Age period 40—50			Age period 50—65			Age period 65—70			Age period 70 and over			(i) Total of all age groups (ii) Age unknown		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
—	—	—	1	—	1	6	3	9	6	3	9	24	21	45	25	23	48	58	63	121	20	18	38	58	119	177	(i) 198 (ii) —	(i) 250 (ii) 2	(i) 448 (ii) 2

AGES AT WHICH BLINDNESS OCCURRED.

Age period 0—1			Age period 1—5			Age period 5—10			Age period 10—20			Age period 20—30			Age period 30—40			Age period 40—50			Age period 50—60			Age period 60—70			Age period 70 and over			Age period Unknown		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
30	19	49	4	6	10	10	9	19	15	10	25	18	11	29	23	19	42	28	26	54	17	41	58	20	42	62	20	49	69	13	20	33

Children of School Age.

Training and Employment.

Normal			Mentally Defective		Physically Defective		Employed						Undergoing Training.						(h)			(i)			(j)			(k)														
							By Blind Organisations			(c)	(d)	(e)	(f)	(g)																												
In Schools for the Blind							(a)			(b)			All others not included in (a) and (b)			Total Employed			Industrial			Secondary			Professional and University			Trained but unemployed			No training but trainable			Unemployable			Total					
Other Schools							Workshops			Home workers																																
							M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.						
Not at School							7	2	9	24	11	35	24	7	31	55	20	75	4	2	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	132	227	359	191	249	440	

OCCUPATIONS OF EMPLOYED BLIND PERSONS.

	Agents, Collectors, &c.	Basket Workers	Bedding (including Divans & Ottomans) and Upholstering			Boot Repairs	Braille Copyists and Proof Readers	Brush Makers	Carpenters and Woodworkers	Chairseaters	Clerks and Typists	Coal Bag Makers	Dealers, Tea Agents, Newsagents, Shopkeepers	Firewood Workers	Gardeners	Hawkers, News-vendors, &c.	Home Teachers	Knitters		Labourers	Massage	Mat Makers	Ministers of Religion	Musicians and Music Teachers	Netting Makers	Porters, Packers, Cleaners	Poultry Farmers	School Teachers	Ships Fender (Penlog) Makers	Telephone Operators	Tuners	Weavers	Miscellaneous	Total
			Mattress Makers	Machinists	Upholsterers													Hand	Machine															
Within Institution for the Blind	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1	—	—	—	1	—	—	3	—	—	—	—	—	9
In approved Home Workers Schemes	—	7	—	—	—	2	—	—	—	2	—	—	—	1	—	—	—	1	9	—	—	2	—	—	—	—	—	—	—	—	11	—	—	35
Others not part-time workers) ...	—	1	—	—	1	—	—	—	—	—	3	—	4	—	—	1	—	—	1	—	1	2	2	1	—	2	—	—	—	3	1	—	8	31
Total	—	9	1	—	1	2	—	—	—	2	3	—	4	1	—	1	1	1	11	—	2	4	2	2	—	2	—	3	—	3	12	—	8	75

PHYSICALLY AND MENTALLY DEFECTIVE.

(a) Mentally Defective.			(b) Physically Defective.			(c) (i) Deaf (ii) Deaf-mute			Combinations of (a) and (b)			Combinations of (a) and (c)			Combinations of (b) and (c)			Combinations of (a), (b), (c)			Total			Homes for the Blind			Mental Hospitals			Poor Law Institutions		
M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
2	5	7	3	4	7	(i) 6 (ii) 2	(i) 2 (ii) 1	8 3	1	—	1	—	2	2	—	—	—	—	—	—	14	14	28	—	2	2	1	2	3	7	20	27

SANITARY CIRCUMSTANCES.

To the Medical Officer of Health.

I beg to submit a report for the year ending the 31st December, 1944, of the work of the Sanitary Inspectors and other officers under my supervision. Reports during the war years have, of necessity, been much curtailed, but I think space can here be found for an appreciation of the efforts of the staff during this most trying year. From the middle of June onwards working conditions in the Borough were abnormal, starting with the 10 weeks of almost incessant day and night attacks from the enemy's "flying bomb," followed by the aftermath of destruction, and the consequent curtailment of building works other than those licensed as most urgent. All this meant extra work in the department and yet the normal essential duties of food inspection and sampling, infectious disease enquiries, disinfection, drainage and other complaints had to receive attention. The text of the report sets out fully the work done.

GEO. GRIEVE,
Acting Chief Sanitary Inspector.

Summary of Inspections made by the Sanitary Inspectors and other Departmental Work.

Total number of houses inspected for housing defects (under Public Health or Housing Acts)	1,320
Number of houses inspected under the Rent Restriction Acts ...	4
Number of houses inspected where zymotic diseases have occurred ...	323
Number of houses inspected under Landlord and Tenant (War Damage) Acts	140
House drains tested with smoke (primary)	429
House drains tested with smoke (on application)	7
Number of smoke tests during repair	105
Inspections of drainage work during repair	3,623
Number of water tests during repair	183
Final tests of drains after repair	215
Final tests of drains when completely relaid	19
Length of new drains tested yards	1,004
Inspection of yards, stables and manure pits	253
" passages	104
" public conveniences	40
" pigstyes	102
" tents, vans and similar structures	25
" theatres, cinemas, halls, etc.	109
" ponds and ditches and static water tanks	71
" schools and school sanitary conveniences	14
" offices	10
" common lodging-houses	2
" verminous premises	106
" premises where offensive trades are conducted	5
" gipsy encampments, camps, fairs, etc.	3
" cesspools	1
" pail closets, privies	8
" gathering grounds of water supply	159

Number of visits under Rats and Mice (Destruction) Act, 1919—	
Private Houses	3,723
Shops	1,260
A.R.P.—Inspections concerning measures for protection against gas contamination	
„ Miscellaneous inspections and reinspections after air raids	146
„ Inspections of posts and centres	274
„ Inspections of war damaged houses	7,040
„ Inspections of war damaged food shops	2,925
Smoke observations	14
Number of visits re Infectious Diseases	1,283
Inspections of Shops (under Shops Acts)	338
Special Early Closing Patrols	1
Sunday Patrols	2
Special Evening Patrols (under Shop Hours Act)	1
Inspections under Fertilisers and Feeding Stuffs Act	2
„ under Pharmacy and Poisons Act	47
„ Dairies	78
„ Farms and cowsheds	53
„ Milkshops	20
„ Premises where food is prepared or sold	3,801
„ Slaughterhouses	103
„ Factories without mechanical power	64
„ Factories with mechanical power	264
„ Workplaces, Public Health Act	80
„ Outworkers' premises	258
Visits to Employers of Outworkers	17
Visits re Young Persons Employment Act	1
Water samples taken	128
Food and Drugs Acts : milk samples taken	248
Food and Drugs Acts : other foods and drugs samples taken	353
Milk Special Designations Orders : samples taken	145
Non-designated Milk : samples taken	88
Reinspections of work on outstanding notices	10,462
Sundry inspections and visits	4,261
Appointments kept with owners, builders, etc.	2,212
Complaints from public investigated (for purposes other than inspection of house)	5,281
Informal notices outstanding 31-12-43	1,224
Informal notices served	2,451
Informal notices complied	3,408
Number of Informal Notices referred for Statutory Orders	921
Informal notices outstanding	729
Statutory notices outstanding 31-12-43	111
Statutory notices served	748
Statutory notices complied	762
Statutory notices outstanding	97
Total number of complaints received at the office	4,018

Nuisances, Infringements of Acts, Byelaws, Regulations or Orders, ascertained by the Sanitary Inspectors during the year 1944 and for which action was taken to enforce compliance :—

(Not including defects found as a result of Air Raid Damage).

(1) NUISANCES AND HOUSING DEFECTS AT HOUSES, etc.

Insufficient means of ventilation :

Defective windows and sashcords	157
Want of windows or ventilators	90

Conditions causing dampness :	
Defective roofs	212
Defective windows	31
Defective walls, etc.	107
Want of efficient damp-proof course	61
Defective gutters and downspouts	146
Other structural defects :	
Defective plaster	162
Cleansing and limewashing required	115
Defective floors and stairs	182
Insufficient ventilation under floor	36
Defective brickwork, cills, lintels, chimneys, etc.	46
Defective stoves and fireplaces and flues	148
Defective drains, sanitary fittings, etc. :	
Defective sinks and waste pipes	158
Defective w.c.'s	130
Defective drainage	145
Stoppages in drains	108
Domestic nuisances :	
Want of cleanliness	23
Dirty w.c. pans	36
Verminous conditions	106
Other nuisances and infringements :	
Offensive accumulations	26
Insufficient accommodation for sub-tenants	28
Defective manure receptacles	3
Dirty or defective sanitary conveniences	9
Smoke nuisances	18
Sundry nuisances or defects	50
Particulars not inserted in Rent Book (Housing Act)	10
" " " (Rent Restriction Act)	6
(2) FACTORIES AND WORKPLACES.	
Want of cleanliness	10
Inadequate ventilation	9
Insufficient drainage of floors	1
Abstract not exhibited	5
Thermometers required	1
Unreasonable temperature	2
Sundry nuisances or defects	5
W.C.'s—Insufficient	4
" Unsuitable or defective	6
" Not separate for sexes	5
" Not lighted	1
(3) INFRINGEMENTS OF CROYDON CORPORATION ACT, 1924.	
Food cupboards defective or required	4
(4) INFRINGEMENTS OF FOOD AND DRUGS ACT, 1938, AND FOOD BYELAWS.	
Cleansing or repair of walls and ceilings	31
Cleansing or repair of floors, utensils, fixtures, etc.	12
Dirty or defective w.c. accommodation	7
Food storage accommodation required	10
Animals kept in food store	2
Refuse bins uncovered	3
Accumulation in food store and yards adjacent	4
Food in uncovered vehicles or baskets	2
Premises not suitable for storage or manufacture of food	5

Want of provision of towels	4
Provision of cloakroom accommodation	3
Want of intervening ventilated space to w.c.	5
Insufficient or defective sink accommodation and water supply	14
Ventilation required in food store	9
Household washing in food store	2
Swill bins defective	5
Food stored in intervening ventilated space of w.c.	2
Impervious floors required to kitchens, etc.	14
(5) INFRINGEMENTS OF PUBLIC HEALTH ACT, PAVING, Etc.	
Defective Yard Paving	6
Want of a sanitary dustbin	455
(6) INFRINGEMENTS OF SHOPS ACT.	
Provision of means of heating	1
Seating accommodation required for females	2
Infringement in hours of employment	7
(7) INSPECTION OF AMUSEMENT HOUSES.	
Defective sanitary fittings	7
W.C. defective and dirty	2
Ventilation of w.c.'s	5
(8) KEEPING OF ANIMALS.	
Nuisances arising from the keeping of animals	3
(9) INSPECTION OF WATERCOURSES, etc.	
Cleansing of watercourses and ponds	7
(10) INFRINGEMENTS OF RAT AND MICE DESTRUCTION ACT.	
Infestations found as follows:—	
<i>Private Houses—</i>	
Inside houses	154
Sheds and outhouses	107
Gardens	108
Defective drainage	19
Fowl houses	82
Air raid shelters	24
Under paving	4
Garages	5
<i>Shops, Business Premises, etc.—</i>	
Factories, Workshops, Offices, etc.	15
Public buildings	16
Food shops	28
Other shops	21
(11) INFRINGEMENTS OF OTHER BYELAWS.	
Noisy animals	5
Noisy radio	1
(12) INFRINGEMENTS OF MILK AND DAIRIES ORDERS, REGULATIONS, Etc.	
Defective paving	2

HOUSING.

Individual Unfit Houses.

During the year action under the Housing Acts was confined to the repair of houses. The accepted standard of repair was lower than that of pre-war years owing to shortage of labour and materials. In spite of the concentration of the labour on war damage repair, it was possible to have some made available to comply with our restricted requirements and the result, on the whole, has been satisfactory, as the under-mentioned tables will show.

I.—Inspection of dwelling houses during the year :—

(1) (a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts) ...	1,320
(b) Number of inspections made for the purpose ...	1,320
(2) (a) Number of dwelling houses included under the sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ...	—
(b) Number of inspections made for the purpose ...	—
(3) Number of houses found to be in a state so dangerous and injurious to health as to be unfit for human habitation ...	—
(4) Number of dwelling houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation ...	1,320

II.—Remedy of defects throughout the year without service of Formal Notices :—

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers ...	1,120
---	-------

III.—Action under Statutory Powers during the year :—

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

(1) Number of dwelling houses in respect of which notices were served requiring repairs ...	251
(2) Number of dwelling houses which were rendered fit after service of formal notices—	
(a) By owners ...	178
(b) By local authority in default of owners ...	10

B.—Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	497
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By owners ...	332
(b) By local authority in default of owners ...	131

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

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

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

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

Rent Restriction Acts.

A number of applications were received for certificates as to the condition of repair of the houses concerned. In 3 instances where the Acts applied certificates were granted.

Landlord and Tenant (War Damage) Amendment Act, 1941.

This Act gives the owner or occupier of a house which has received damage from enemy action, the right to apply to the local authority for a certificate of fitness following repair. The standard of repair necessary to merit a certificate is to be such as will render the house reasonably suitable for housing purposes. I am the officer appointed to issue such certificates and during the year 140 applications were made and 62 certificates were granted.

HOUSES LET IN LODGINGS.

There are 12 houses registered and during the year they all suffered seriously from damage by enemy action. Repairs are being executed.

Municipal Lodging House.

This is situated at Pitlake and is available for use by "nightly lodgers." It has 104 cubicle beds, three of which are reserved for staff. The charge is 1s. per night or 6s. per week. Cooking facilities are provided. Hot baths may be taken any time after 7 a.m. Clothes may be washed and dried in the wash-house provided. The number of nightly lettings during the year was 72 and the number accommodated during the year 26,650. The receipts and expenditure for the past 10 years has been as follows :—

		Receipts.					Expenditure.		
		£	s.	d.			£	s.	d.
1935	.....	1,488	11	5	.....		1,420	14	9
1936	.....	1,446	0	2	.....		1,381	19	2
1937	.....	1,378	14	8	.....		1,348	7	2
1938	.....	1,253	2	0	.....		1,580	6	5
1939	.....	1,284	3	4	.....		1,269	0	4
1940	.....	1,178	11	10	.....		1,059	10	0
1941	.....	1,048	0	0	.....		1,271	0	0
1942	.....	1,033	0	0	.....		1,321	0	0
1943	.....	1,039	0	0	.....		1,480	0	0
1944	.....	1,119	0	0	.....		1,785	0	0

War Damaged Houses.

The Sanitary Inspectors visited these to ascertain the damage to sanitary arrangements and water supply. Some 7,000 such visits were made and the defects found received early attention by the War Damage Repairs Department.

Houses—Sanitary Certificates.

House drains and sanitary fittings are tested and examined on request, at a fee. During the year 7 such requests were made.

FACTORIES ACT, 1937.

During the year the under-mentioned inspections have been made and defects were found as set out:—

FACTORIES.

Inspection.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories :—			
With Mechanical Power	264	30	—
Without Mechanical Power	64	19	—
Outworkers and Employers of outworkers	275	—	—
Total	603	49	—

Defects Found.

Particulars.	Number of Defects.		Referred to H.M. Inspector.	Prosecutions.
	Found.	Remedied.		
Want of Cleanliness	10	10	—	—
Inadequate Ventilation	9	9	—	—
Ineffective Drainage of Floors ...	1	1	—	—
Sanitary Conveniences.				
Insufficient	4	4	—	—
Unsuitable or Defective ...	6	6	—	—
Not Separate for Sexes ...	5	5	—	—
No Lighting	1	1	—	—
Total	36	36	—	—

Home Work.

Lists of home workers or outworkers as they are termed are sent in twice yearly, and this year contained the names of 339 workers residing in the Borough. 258 visits were paid to outworkers and 17 visits were paid to premises of employers of outworkers to examine lists.

Nature of Employment of Outworkers on the Register, 31st December, 1944.

Nature of Work.	Number Employed.	Outwork in Infected Premises.	Outwork in Unsatisfactory Premises.	Remarks.
Making, Cleaning, Altering and Repairing, Wearing Apparel	361	—	—	—
Upholstery Work	2	—	—	—
Lace Goods	2	—	—	—
Other Classes of Work	2	—	—	—
Total	367	—	—	—

Inspection of Offices—Public Health Act.

During 1944, 10 inspections were made and defects found included lack of sanitary accommodation and lack of ventilation. These were remedied by informal action.

Inspection of Schools.

These are inspected with particular reference to sanitary accommodation including washing facilities. During the year 14 inspections were made and defects found were referred to the Education Officer.

SHOPS, Etc., ACTS.

The Shops Acts, 1912-1936, contain provisions for dealing with the hours of work, closing hours and health and comfort of those employed. Hours of work and closing hours have during the War years given little cause for complaint. The health and comfort of those employed is safeguarded in the matter of shop ventilation, warming, washing facilities, facilities for taking meals and suitable and sufficient sanitary accommodation, and action has been taken in the cases where these fell short of requirements. The Young Persons Employment Act, 1938, regulates the hours of employment of persons under the age of 18 years, not controlled by the Shops Acts. 339 inspections were made and a number of infringements were found as set out.

PUBLIC HEALTH ACTS.

Drainage Work.

During the year there was no lessening of work in this branch of the department's duties. The "flying bomb," whilst it had a severe surface blast effect, did not pierce, as did the high explosive, and in consequence underground drainage was not so badly affected as in high explosive incidents. Sanitary fittings above ground level did however suffer considerably over a wide area. Some 3,600 visits of inspection were made to underground drains in course of repair. With the stringent building works licensing and the labour difficulties it has become essential to serve Statutory Orders in all cases of drainage defects. Of these Orders a large proportion have to be done in default of the owners. This has been possible by employing specialist labour set aside for this purpose. 497 Statutory Orders have been served to comply with drainage defects during the year.

KEEPING OF ANIMALS.

There has been during the war a large increase in the number of pig and poultry keepers. Byelaws were relaxed by Government Order, but this did not relieve the keepers of providing against nuisance. Little complaint of nuisance has arisen but there has been an increase in rat infestations particularly at poul-

try keepers' premises. This could be reduced by raising sheds at least 9in. off the ground and the removal of unconsumed food and water in the evening. We have byelaws in force to control the nuisance from dogs fouling footpaths and the nuisance of the noisy animal—both byelaws difficult to apply and yet both unnecessary if only people would carry into "the peace" the neighbourliness they showed during the War.

OFFENSIVE TRADES.

There are but few registered and during the year there has been no cause for complaint.

WATERCOURSES, PONDS AND DITCHES, Etc.

71 inspections were made and pollutions were found in 7 cases. Observation is also kept on static water tanks for evidence of nuisance or mosquito breeding.

SMOKE OBSERVATIONS.

During the year 14 observations were made of factory chimneys for the purpose of detecting offences. In those cases where nuisance occurred appropriate action was taken to remedy the condition. To-day there is little choice left to the factory owner regarding the fuel he uses and this creates a difficult problem in smoke abatement.

AMUSEMENT HOUSES.

109 inspections were made of Theatres, Music Halls, Cinemas, Dance Halls, and premises where stage plays are given. A report is submitted annually to the Licensing Authorities on the sanitary condition of these premises. Notices are issued to remedy any unsatisfactory conditions.

DISINFECTION.

The Borough Disinfecting Station is situated at Factory Lane. Two steam disinfectors are in use and are supplied with steam from the Electricity Works. The Station was badly damaged during the year by enemy action but the steam disinfectors were usable and work was continued with little break.

The following articles were disinfected at the Disinfecting Station during the year :—

By steam	...	...	...	65,756	articles
„	Formalin	Gas	...	3,095	„
„	„	Spray	...	7,106	„
Total				75,957	„

In addition 128 articles were destroyed on request.

Disinfection of bedding and upholstered articles is carried out for traders, who deliver them to and collect them from the Station. For this service a charge is made. During 1944, 2,580 articles were disinfected, the receipts amounting to £67 2s. 6d.

Disinfection of the under-mentioned articles from such premises as A.R.P., report centres; casualty services; engineers' services; fire service, etc., have been carried out :—

Mattresses	...	458	Trousers	...	89
Blankets	...	4,170	Coats	...	2
Sheets	...	10	Caps	...	35
Bolsters	...	3	Overalls	...	20
Pillows	...	439	Bunks	...	26
Pillow Slips	...	5	Cushions	...	7
Blouses	...	67	Other articles..	...	15

Disinfection was carried out after infectious or contagious disease at the following premises : —

667 rooms at 547 houses, hospital wards, clinics, and creches.
26 A.R.P. Shelters.

2,865 Library and other books were disinfected.

CLEANSING OF VERMINOUS, Etc., PERSONS.

A Cleansing Station consisting of a reception room, four bath rooms and a discharge room, is attached to the Disinfecting Station, and is used for dealing with verminous, etc., conditions in adults and children. A woman attendant deals with school children and women. During the year 11 adults and 129 children were cleansed of verminous conditions and 361 adults and 598 children were treated for Scabies.

DISINFESTATION OF PREMISES.

The Department does little in the way of treatment of premises infested with vermin, the practice being to make owners or occupiers responsible for disinfestation. Advice is given on methods to be employed and at times Hydrogen Cyanide is applied by specialist firms to infested premises. The use of this gas is controlled by stringent regulations and the compliance with these regulations is observed by a Sanitary Inspector. The number of premises disinfested by owners or occupiers during the year was 108.

RAG FLOCK ACTS, 1911 and 1928.

3 samples were taken during the year from bedding manufacturers in the Borough. These samples were submitted for analysis and the results were as follows:—

No. 1 Dyed Red Jute ...	Soluble Chlorine	10 parts per 100,000
No. 2 Black Linsey ...	„ „	6 „ „ 100,000
No. 3 Utility Flock (Red) „	„ „	11 „ „ 100,000

The 3 samples conformed to the standard of cleanliness prescribed under the Rag Flock Regulations, 1912. The legal maximum of chlorine allowed is 30 parts per 100,000.

PHARMACY AND POISONS ACT, 1933.

The Act consolidates the Poisons and Pharmacy Acts since 1852. The object is to regulate the sale of certain poisonous substances and the Act contains important provisions.

During the year the number of applications granted for entry of names on the list of persons entitled to sell poisons under Part II of the Act was 11. In addition, 211 applications were made for the retention of names on the list for a further period of twelve months. No infringements of the Act were found.

FERTILISERS AND FEEDING STUFFS ACT, 1926.

Inspections of premises where fertilisers and feeding stuffs were sold were carried out during the year and no infringement of the Act was found. One sample of fertiliser was taken during the year and was reported on as genuine.

**RATS AND MICE DESTRUCTION ACT, 1919.
INFESTATION ORDER, 1943.**

During the year 997 complaints were received of rat or mice infestation. The Department had the assistance up to June of a number of temporary ratcatchers, but the advent of the "flying bomb" caused the withdrawal of this labour. Of these 997 complaints the presence of rodents was confirmed in 583 cases and action was taken as under :—

194 dealt with by Sanitary Inspectors advising occupiers.

389 dealt with by Ratcatchers, by trapping and poisoning.

The above action resulted in the estimated destruction of 7,269 rats and mice and the number of infestations cleared was 344.

The number of visits made by the Sanitary Inspectors and Ratcatchers to investigate complaints, advise and follow up was 3,723 to private houses and 1,260 to shops.

Sewers in the town were baited with good results, the total number of rats destroyed therein being 2,274.

**DECONTAMINATION OF CIVILIAN CLOTHING AFFECTED
WITH WAR GASES.**

The Chief Sanitary Inspector is the appointed Officer. Arrangements have been made with six large laundries to deal with affected clothing should the necessity arise. Special plant has been fitted at each of these laundries and the personnel have received training in methods of decontamination and personal protection, by the staff of the department.

FOOD SUPPLY.

The supervision and inspection of the food supplies is carried out by the 12 Sanitary Inspectors who are all qualified in food inspection.

The following table shows the premises in the Borough at which food is known to be sold, manufactured or stored :—

Bakers	...	...	...	...	...	...	101
Butchers	...	...	...	...	...	...	166
Confectioners	...	...	...	...	...	...	329
Fishmongers (including Fish Friers)	...	...	...	...	...	...	50

Fish Friers only	...	...	...	...	...	18
Greengrocers	...	...	...	...	...	209
Grocers	...	...	...	...	...	614
Stalls and Rounds	...	...	...	...	...	141
Catering Establishments (including Hotels, Restaurants, Clubs, Snack Bars, etc)	...	...	...	...	...	726
Miscellaneous (including Chemists, etc.)	...	...	...	...	...	137
						2,491

In addition to the above there are the following premises at which food is prepared for sale :—

Slaughterhouses, Dairies (including Farms) and Milkshops.

The following table gives a summary of the inspections made during the year, not including visits made to slaughterhouses, dairies or milkshops, nor does it include those foodshops visited following damage by enemy action :—

Butchers	...	...	...	970	Greengrocers	...	...	159
Bakers	...	...	...	83	Grocers	...	...	1,265
Confectioners	...	...	...	86	Stalls and Rounds	...	...	253
Fishmongers	...	...	...	116	Catering Establishments	...	...	436
Fried Fish Shops	...	...	...	42	Miscellaneous	...	...	150
								Total : 3,560

General Summary of Meat and other Articles of food found to be unfit and condemned by the Inspectors during 1944—excluding that damaged by enemy action :—

Articles.	Weight in lbs.		
	Diseased.	Unsound.	Total.
Beef	23	1974	1997
Veal	8	680	688
Mutton	8	882	890
Pork	16	1536	1552
Offal	178	533	711
Fish	—	5781	5781
Fruit and Vegetables	—	7435	7435
Canned, bottled and packeted goods ...	—	42341	42341
Other goods	—	13196	13196
	233	74358	74591

The above, apart from the Meat, include:—

Fish: Mackerel, Cod, Pilchards, etc.

Fruit and Vegetables: Potatoes, Dates, Prunes, etc.

Canned, bottled and packeted good: 38,344 cans,
2,987 bottles, packets, etc.

Other goods: Rabbits, Flour, Cereals, Sugar, etc.

Disposal of Condemned Foodstuffs.

The Meat was condemned at the Ministry of Food Depot or at shops supplied therefrom and was disposed of by the Ministry.

A fair proportion of the other foods condemned was dealt with by firms who specialise in converting such into manures, animal feeding stuffs, oils, etc.

MEAT INSPECTION.

This is carried out at the Government Meat Depot from which all meat supplied to Croydon is distributed. One Inspector spends the major portion of his time here. Butcher's shops are visited by the District Sanitary Inspectors to observe the condition of the meat at time of sale.

The Public Abattoir has been closed now for some years, but in order to provide facilities for the slaughter of casualties and those animals licensed by the Ministry of Food to be slaughtered locally, a Private Slaughterhouse has been made available. During 1944 the following animals have been slaughtered at this private slaughterhouse and inspected there:—

Goats.		Pigs.		Total.
56	...	175	...	231

The result of these inspections was as follows :—

Carcases Inspected and Condemned.

	Sheep.	Goats.	Pigs.
Number killed	1	56	175
Number inspected	1	56	175
All Diseases Except Tuberculosis.			
Whole Carcases Condemned ...	—	—	—
Carcases of which some part or organ was condemned ...	—	—	—
Percentage of the number inspected affected with disease other than Tuberculosis ...	—	—	—
Tuberculosis Only.			
Whole Carcases Condemned ...	—	—	—
Carcases of which some part or organ was condemned ...	—	—	2
Percentage of the number inspected affected with Tuberculosis	—	—	1.1

THE "FLYING BOMB" ATTACK AND THE FOOD SUPPLY.

During the period from June 15th to September 2nd, your Sanitary Inspectors made 2,624 visits to food premises for the purpose of ascertaining if any damage had accrued to the stocks of food therein. At 461 premises, varying quantities of food were found to be damaged to such an extent as to render them unfit for human consumption. The aggregate weight of food thus condemned was 23 tons. This was collected and taken to our Central Salvage Depot, which had been established at the Abattoir, Pitlake, for further sorting under the supervision of a Sanitary Inspector. Of these goods, 7½ tons were salvaged for use for processing, animal feeding or technical purposes.

In addition to the above, the entire recoverable stocks amounting to some 7 tons, from 9 food shops, which had been demolished or made unsafe, were removed to our Central Salvage Depot. From these stocks 3½ tons were recovered as fit for food and disposed of to local wholesalers, and 2 tons were salvaged for use for processing, animal feeding or technical purposes.

All the goods condemned and recovered were listed separately. Copies were sent daily to the local Food Executive Officer and the Ministry of Food's Salvage Officer, thus enabling these officials to adjust ration allotments and deal with disposal respectively.

DECONTAMINATION OF FOODS AFFECTED WITH WAR GASES.

The Chief Sanitary Inspector is the appointed officer. He is assisted by 12 Inspectors and 3 Assistants, who have been trained in decontamination measures. In addition, there are 47 trained Food Treatment Volunteers who assist the staff in the event of enemy gas attacks. Four depots have been established and equipped for the treatment of gas-contaminated foodstuffs.

MILK AND DAIRIES (CONSOLIDATION) ACT, 1915. THE MILK AND DAIRIES AMENDMENT ACT, 1922, THE MILK AND DAIRIES ORDERS, 1926, AND THE FOOD AND DRUGS ACT, 1938.

Cowkeepers, Dairymen and Purveyors of Milk.

The following statement shows the number of Cowkeepers, Cowsheds, Dairies and Purveyors of Milk on the register :—

Cowkeepers on register (end of 1944)	5
Cowsheds on register (end of 1944)	5
Average number of cows in sheds (1944)	77
Number of dairies and purveyors of milk on the register (end of 1944)	128

During the year 151 inspections were made of dairies, cowsheds and milkshops.

Milk (Special Designations) Order, 1936.

The following licences were granted during the year under this Order :—

(1) Producers' Licences to use the designation "Tuberculin Tested"	1
(2) Producers' Licences to use the designation "Accredited"	1
(3) Dealers' Licences to use the designation "Tuberculin Tested"—	
(a) Bottling establishments	1
(b) Shops	12

(4) Dealers' Licences to use the designation
"Accredited"—

(a) Bottling establishments	...	—
(b) Shops	... ..	—

(5) Dealers' Licences to use the designation
"Pasteurised"—

(a) Pasteurising establishments	...	2
(b) Shops	... ..	38

(6) Dealers' Supplementary Licences to use the
designation—

(a) Tuberculin Tested	...	5
(b) Accredited	... ..	—
(c) Pasteurised	... ..	6

Inspection of these licenced premises has been carried out during the year to see that the conditions of the licences were observed.

During the year the following samples were examined under the Milk (Special Designations) Order, 1936 :—

Tuberculin-Tested Milk—

Licenced producers supplying milk to licenced local dairymen		24
---	--------	----

Accredited Milk—

Licenced producer supplying milk to a licenced dairyman		12
--	--------	----

Pasteurised Milk—

Samples from licenced dealers		109
-------------------------------	--------	-----

The following tables summarise the result of the bacteriological examinations of Tuberculin Tested, Accredited and Pasteurised samples during the year :—

Tuberculin Tested Milk.

Licences granted under the Milk (Special Designations) Order, 1936.				Present.	Absent.	Present in 1/100 Ml	Absent.	Present.	Absent.	Present.	Absent.	Exceeding a trace.	Not exceeding a trace.	Satisfied.	Not satisfied.
Tubercle bacillus	...	...	...	—	24	—	—	—	—	—	—	—	—	—	—
Bacillus Coli	...	...	...	—	—	7	17	—	—	—	—	—	—	—	—
Blood	...	...	...	—	—	—	—	—	24	—	—	—	—	—	—
Pus	...	...	...	—	—	—	—	—	—	—	24	—	—	—	—
Detritus	...	...	...	—	—	—	—	—	—	—	—	—	24	—	—
Methylene Blue Test	...	...	...	—	—	—	—	—	—	—	—	—	—	23	1
Totals	...	...	...	—	24	7	17	—	24	—	24	—	24	23	1

Accredited Milk.

Licences granted under the Milk (special Designations) Order 1936.				Present.	Absent.	Present in 1/100 M.L.	Absent.	Present.	Absent.	Present.	Absent.	Exceeding a trace.	Not exceeding a trace.	Satisfied.	Not satisfied.
Tubercle bacillus	...	...	...	—	12	—	—	—	—	—	—	—	—	—	—
Bacillus Coli	...	...	...	—	—	2	10	—	—	—	—	—	—	—	—
Blood	...	...	...	—	—	—	—	—	12	—	—	—	—	—	—
Pus	...	...	...	—	—	—	—	—	—	—	12	—	—	—	—
Detritus	...	...	...	—	—	—	—	—	—	—	—	—	12	—	—
Methylene Blue Test	...	...	...	—	—	—	—	—	—	—	—	—	—	11	1
Totals	...	...	...	—	12	2	10	—	12	—	12	—	12	11	1

Pasteurised Milk.

Licences granted under the milk (Specialised Designations) Order, 1936.										
	Present.	Absent.	Over 100,000 per M.l.	Under 100,000 per M.l.	Present.	Absent.	Present.	Absent.	Present.	Absent.
Tubercle bacillus	—	109	—	—	—	—	—	—	—	—
Total number of bacteria...	—	—	13	96	—	—	—	—	—	—
Blood	—	—	—	—	—	109	—	—	—	—
Pus	—	—	—	—	—	—	—	109	—	—
Detritus	—	—	—	—	—	—	—	—	—	109
Totals	—	109	13	96	—	109	—	109	—	109

These 109 Pasteurised Milk samples contained bacteria per millilitre as follows :—

Under 1,000	...	6
1,000—5,000	...	28
5,000—10,000	...	20
10,000—20,000	...	26
20,000—30,000	...	7
30,000—50,000	...	5
50,000—100,000	...	4
Over 100,000	...	13
		109

Under the Regulations, Pasteurised Milk must not contain more than 100,000 bacteria per millilitre.

ORDINARY MILK.

During the year 88 samples of ordinary milk were procured and submitted to examination for tuberculosis and bacterial content. These samples were taken as follows :—

Samples taken at cowsheds in the Borough	31
Samples taken at dairymen's premises in the Borough	27
Samples taken in course of delivery by local dairymen or milk sellers on their rounds in different parts of the Borough	30

88

The following table summarises the results of the bacteriological examination of Ordinary Milk samples, taken from 1st January—31st December, 1944:—

Ordinary Milk.

	Present.	Absent.	Over 100,000 per M.L.	Under 100,000 per M.L.	Present.	Absent.	Present.	Absent.	Exceeding a trace.	Not exceeding a trace.	Satisfied.	Not satisfied.
Tubercle bacillus ...	—	88	—	—	—	—	—	—	—	—	—	—
Total number of bacteria...	—	—	25	63	—	—	—	—	—	—	—	—
Blood ...	—	—	—	—	—	88	—	—	—	—	—	—
Pus ...	—	—	—	—	—	—	—	88	—	—	—	—
Detritus ...	—	—	—	—	—	—	—	—	—	88	—	—
Methylene Blue Test ...	—	—	—	—	—	—	—	—	—	—	72	16
Totals ...	—	88	25	63	—	88	—	88	—	88	72	16

BACTERIOLOGICAL EXAMINATIONS OF ICE CREAM.

There were no samples taken during 1944 as no ice cream was manufactured for sale.

FOOD AND DRUGS ACT, 1938.

During the year, 248 samples of milk and 361 other samples were taken.

Summary of Samples.

During 1944, samples were obtained and submitted to the Public Analyst as follows:—

Samples of	Total Samples.	Genuine.	Not Genuine.	Prosecutions.	Convictions.	Cautions.
Arrowroot...	3	3	—	—	—	—
Aspirin Tablets 5 gr. ...	3	3	—	—	—	—
Bacon ...	7	7	—	—	—	—
Baking Powder ...	6	6	—	—	—	—
Batter Producer ...	1	1	—	—	—	—
Beans in Tomato Sauce ...	5	5	—	—	—	—
Beer ...	8	8	—	—	—	—
"Bev," an essence of Coffee and Chicory ...	1	1	—	—	—	—
Bicarbonate of Soda ...	2	2	—	—	—	—
Blaud's Pills ...	1	1	—	—	—	—
Bread ...	7	7	—	—	—	—
Cake Mixture ...	3	—	3	3	—	—
Cake Mixture, unsweetened ...	1	1	—	—	—	—
Cake Mixture, sweetened ...	2	2	—	—	—	—
Cane Syrup ...	1	1	—	—	—	—
Castor Oil ...	2	2	—	—	—	—
Cheese ...	7	7	—	—	—	—
Chocolate Cup ...	1	1	—	—	—	—
Chocolate Powder, sweetened ...	1	1	—	—	—	—
Cocoa ...	7	7	—	—	—	—
Cod Liver Oil ...	1	1	—	—	—	—
Coffee ...	4	4	—	—	—	—
Coffee and Chicory Essence ...	1	1	—	—	—	—
Coffee Essence with Chicory ...	4	4	—	—	—	—
Coffee and Chicory Extract with preservative ...	1	1	—	—	—	—
Compound Liquorice Powder ...	1	1	—	—	—	—
Compound Syrup of Figs ...	1	1	—	—	—	—
Confectionery ...	5	5	—	—	—	—
Cooking Fat ...	1	1	—	—	—	—
Cordial, Blackcurrant ...	1	1	—	—	—	—
„ Ginger ...	2	2	—	—	—	—
„ Lime Flavour ...	1	1	—	—	—	—
Cornflour ...	1	1	—	—	—	—
Curry Powder ...	10	9	1	1	—	—
Custard Powder ...	4	4	—	—	—	—
Custard Substitute ...	1	1	—	—	—	—
Dried Eggs ...	1	1	—	—	—	—
Drinking Chocolate ...	1	1	—	—	—	—
Eucalyptus Oil ...	1	1	—	—	—	—
Fish Paste ...	4	4	—	—	—	—
Fish Roll ...	1	1	—	—	—	—
Flavouring Essence, Lemon ...	1	1	—	—	—	—
„ „ Orange ...	1	1	—	—	—	—
„ „ Vanilla ...	4	4	—	—	—	—
Flour ...	2	2	—	—	—	—
„ Batter ...	1	1	—	—	—	—
„ Bun ...	2	2	—	—	—	—
Carried Forward ...	127	123	4	4	—	—

Samples of	Total Samples.	Genuine.	Not Genuine.	Prosecu- tions.	Convic- tions.	Cautions.
Brought Forward ...	127	123	4	4	—	—
Flour, Cake ...	9	9	—	—	—	—
„ Plain ...	1	1	—	—	—	—
„ Self-Raising ...	6	6	—	—	—	—
„ Soya ...	4	4	—	—	—	—
Friar's Balsam ...	1	1	—	—	—	—
Gelatine ...	2	2	—	—	—	—
Gelatine, Powdered ...	2	2	—	—	—	—
Gin ...	3	3	—	—	—	—
Ginger Beer ...	2	2	—	—	—	—
Glauber's Salts ...	1	—	1	—	—	—
Golden Raising Powder ...	2	2	—	—	—	—
Grapefruit Squash ...	4	4	—	—	—	—
Gravy Maker ...	1	1	—	—	—	—
Gravy Powder ...	6	6	—	—	—	—
Ground Ginger ...	4	4	—	—	—	—
Halibut Liver Oil Capsules ...	1	1	—	—	—	—
Iodine, Tincture of ...	1	1	—	—	—	—
Jam ...	9	7	2	—	—	—
Junket Powder ...	2	2	—	—	—	—
Lard ...	1	1	—	—	—	—
Lemonade... ..	2	2	—	—	—	—
Lemonade Crystals ...	2	2	—	—	—	—
Lemon Essence ...	2	2	—	—	—	—
Lemon Flavouring ...	1	1	—	—	—	—
Lemon Squash ...	4	4	—	—	—	—
Liquid Paraffin ...	1	1	—	—	—	—
Liver Sausage ...	4	4	—	—	—	—
Luncheon Sausage ...	1	1	—	—	—	—
Malt, Extract of and Halibut Liver Oil ...	1	1	—	—	—	—
Meat Pies ...	1	1	—	—	—	—
Milk ...	248	248	—	—	—	—
Minced Beef ...	1	1	—	—	—	—
Mixed Spice ...	7	7	—	—	—	—
Mustard Mixture ...	3	3	—	—	—	—
Oil of Wintergreen ...	1	1	—	—	—	—
Orangeade ...	2	2	—	—	—	—
Orange Squash ...	1	1	—	—	—	—
Parrish's Food ...	1	1	—	—	—	—
Pearl Barley ...	5	5	—	—	—	—
Pease Pudding ...	1	1	—	—	—	—
Pepper ...	5	5	—	—	—	—
Pickles ...	3	3	—	—	—	—
Pickling Mustard... ..	1	1	—	—	—	—
Pudding Mixture ...	10	10	—	—	—	—
Rennett Tablets ...	1	1	—	—	—	—
Rice ...	3	3	—	—	—	—
Rolled Oats ...	1	1	—	—	—	—
Rum ...	3	3	—	—	—	—
Sauce ...	5	5	—	—	—	—
Sausage Meat ...	4	3	1	1	1	—
Sausages ...	21	21	—	—	—	—
Sausage, Luncheon ...	2	2	—	—	—	—
Scone Mixture ...	3	3	—	—	—	—
Semolina ...	9	9	—	—	—	—
Soup ...	10	10	—	—	—	—
Soup, Kidney ...	2	—	2	—	—	—
„ Meat ...	4	4	—	—	—	—
„ Vegetable ...	1	1	—	—	—	—
Soup Powder ...	3	3	—	—	—	—
Carried forward ...	569	559	10	5	1	—

Samples of	Total Sample s.	Genuine.	Not Genuine.	Prosecu- tions.	Convic- tions.	Cautions.
Brought forward ...	569	559	10	5	1	—
Spice, Mixed	2	2	—	—	—	—
„ Pickling	1	1	—	—	—	—
Sponge Pudding Mixture ...	1	1	—	—	—	—
Stewed Steak (Canned) ...	4	4	—	—	—	—
Stuffing	5	5	—	—	—	—
Sugar	3	3	—	—	—	—
Tea	6	6	—	—	—	—
Vegetable Broth	1	1	—	—	—	—
Vegetables in Gravy	2	2	—	—	—	—
Vinegar, non-brewed	1	1	—	—	—	—
„ Malt	6	6	—	—	—	—
Vinegar, Virgin	2	2	—	—	—	—
Whisky	2	2	—	—	—	—
Yorkshire Pudding Mixture ...	3	2	1	—	—	1
Yorkshire Pudding, Fritter and Pancake Mixture including egg	1	—	1	—	—	—
TOTALS ...	609	597	12	5	1	1

Result of Analysis of New Milk Samples.

SOLIDS NOT FAT (Legal standard is 8.5%)*

8.1	8.2	8.3	8.4	8.5*	8.6	8.7	8.8	8.9	9.0	9.1	9.2
—	—	—	—	6	27	92	78	35	8	2	—

MILK FAT (Legal standard is 3%)

3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
—	—	6	22	31	32	42	47	28	17	7	7	3

4.3	4.4	4.6	4.7
3	2	1	—

Total samples of New Milk : 248.

The samples of Milk for analysis were obtained as follows :—

Country milk in course of delivery	...	...	—
On milk rounds	...	...	152
“Appeal to cow” samples	...	...	—
At Shops	...	...	90
Taken at Institutions	...	...	6
Taken at Farms	...	...	—
Other samples	...	...	—
			248

AVERAGE COMPOSITION OF NEW MILK SAMPLES.

Solids not fat	...	...	...	8.75%
Milk fat	...	...	...	3.63%

Percentage of New Milk samples below legal standard: Nil.

Adulterated Samples.

The following is a detailed statement of the adulterated samples and the action taken :—

No.	Sample.	Adulteration or Deficiency.	Remarks.
1786.	Cake Mixture ...	Contained 110 parts per million by weight of fluorine	Court action. Cases dismissed. Expert evidence conflicting. No standards prescribed.
1795.	Cake Mixture ...	Contained 140 parts per million by weight of fluorine	
2257.	Cake Mixture ...	Contained 100 parts per million by weight of fluorine	
2054.	Curry Powder ..	Contained Lead : 40 parts per million.	Court action. Case dismissed. Warranty pleas successful.
2018.	Yorkshire Pudding Mixture.	Contained compounds of fluorine expressed as fluorine—40 parts per million.	Letter of caution sent to firm on advice of Legal Department.
2089.	Yorkshire Pudding, Fritter and Pancake Mixture, including Egg.	Contained less than 1 per cent. dried egg.	Manufactured in accordance with Ministry of Food recipe.
2380.	Glauber's Salts .	Contained 47.4 p.c. water of crystallisation. Less than B.P. standard.	Sample had been in stock for some time, and the labelling of the packet disclosed that such action would take place over a long period of storage. In the circumstances, no action was possible.
1409.	Jam, Plum ... (Formal)	Deficient in plum fruit.	Error in sampling technique. Further sample satisfactory.
2378.	do. ... (Informal)	do. do. ...	
1434.	Pork Sausage ... Meat.	Deficient in meat content.	Vendors pleaded guilty, but case dismissed under Probation of Offenders Act. Costs granted.
108.	Soup, Kidney ... (Formal)	Deficient in meat solids, according to the Meat Products Canned Soup and Canned Meat (Control and Maximum Prices) Order, 1944.	Referred to Divisional Food Officer, to be taken up with makers. It later transpired that these products had been manufactured before the Order came into force.
2182.	do. ... (Informal)		