

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

Contributors

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County Borough of Croydon.



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND

SCHOOL MEDICAL OFFICER

For the Year 1942

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

CROYDON:

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COUNTY BOROUGH OF CROYDON.

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For the Year 1942.

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

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

LADIES AND GENTLEMEN,

I have the honour to present my Fifteenth Annual Report, being the forty-third of the series dealing with the work of the Public Health Department and School Medical Services and including the report on Mayday Hospital.

The report retains the abbreviated form followed last year necessitated by the circumstances of war.

The Birth-rate for the year was 18.3 per 1,000, an increase of 4.0 per 1,000 over 1941.

The Death-rate was 12.32, a further decrease of 1.43 per 1,000 of the population.

The Infantile Mortality rate was 39 per 1,000 live births; this was 2 per 1,000 higher than 1941.

These rates can be stated to be very satisfactory, especially when the fact that this country had been at war for 3 years is remembered. The restrictions and rationing of foodstuffs does not appear to have had any detrimental effect upon the rate of death.

The incidence of notifiable Infectious Diseases remained low with the exception of Measles, which was much the same as 1941, and Scarlet Fever, which showed a considerable increase.

Immunization against Diphtheria has proceeded steadily, and the number of children now immunised is estimated at approximately 70 per cent. of the total child population. Diphtheria incidence has remained remarkably low, and only 3 deaths from this formerly dreaded disease occurred in the Borough throughout the year.

Full statistics are given of patients treated in Mayday Hospital because this information is of value to other similar hospitals. The year, as shown by the statistics, has been a busy one, with a welcome expansion in all directions in its functions as a general hospital. The hospital is classified under the Emergency Hospitals Scheme as a Number One General Hospital, and arrangements have been made to have 250 beds always ready for emergency and another 250 to be available within 48 hours.

The major cause of death remained the same as in recent years, namely, diseases of the Heart and Circulatory system; the figure rose from 5.1 per 1,000 of the population to 5.25. Since 1939 this figure has risen steadily each year. Deaths from diseases of the Digestive System remained at practically the same level as in 1941.

There has been a continued incidence of skin affections, particularly noticeable in the case of Scabies and Impetigo. Influenza incidence has remained at a low level.

Considered as a whole, the vital statistics show that Croydon's health has been well maintained during 1942.

Some increase in the number of cases of Pulmonary Tuberculosis notified is manifest, and this increase has been greatest among women. This is not a surprising finding, though it naturally calls for constant vigilance. The increased employment of women in factories, the black-out, and the restricted consumption of fats probably all play a part in rendering susceptible persons less able to overcome chance infection.

The Maternity and Child Welfare Services have functioned very fully throughout the year, and the commencement of War-time Nurseries has opened up a new branch of activity which is proving of value in the care and training of the pre-school child. Attendances at Infant Welfare Centres have returned to their pre-war dimensions, though it is possible that some of the increases noted are due to the issue of vitamins through the Centres by the Ministry of Food.

iii.

Venereal Diseases show an increase, an unfortunate concomitant of war conditions. Some small addition towards combating these conditions has been brought about by Regulation 33B, but only a few cases have come to light by this means. All who have been brought forward have submitted themselves to treatment.

The Housing position remains much as was stated in the introductory letter to my report for 1941. Lack of materials and labour and the war-time restrictions upon building are contributing towards a steady deterioration, more especially in "border line" properties. There is also some evidence that overcrowding is increasing. Considerable leeway will have to be made up when the time comes when building is again permitted. The Sanitary Inspectors' staff has been depleted owing to call-ups for service in H.M. Forces, but the work has continued on the same lines as were followed in 1941.

During the year the Public Health Offices moved from the Town Hall into the old offices of the Croydon Gas Company, and the Chest Clinic, formerly at 13, Katharine Street, was also accommodated in the new premises. This arrangement is a great advantage, simplifying and making more effective the administration of the Department.

In conclusion, I express my thanks to you, ladies and gentlemen, for the help and encouragement you have given my staff and myself, and I wish to bring to your notice the competent way in which the members of the professional, technical and clerical staff of the Department in all its branches have carried out their duties.

I am,

Yours faithfully,

OSCAR M. HOLDEN,

Medical Officer of Health.

PUBLIC HEALTH COMMITTEE.

NOVEMBER, 1941-1942.

The Worshipful The Mayor	Councillor A. V. Dammarell.
(Alderman A. H. HARDING, J.P.)	Councillor Miss M. H. Glazier.
Councillor G. Lewin, J.P. (<i>Chairman</i>)	Councillor A. Goodbun.
Councillor H. Regan (<i>Vice-Chairman</i>)	Councillor W. H. Gough.
Alderman E. E. L. Arkell, J.P.	Councillor Mrs. E. M. Regan.
Alderman Mrs. B. J. Roberts.	Councillor D. G. Stewart.
Alderman Mrs. M. Squire, J.P.	Councillor J. T. Twitchett.
Councillor L. A. Aston.	Councillor G. H. Ward.
Councillor E. E. Constable.	G. G. Genge, Esq., M.D.
Councillor Mrs. V. L. Child.	J. H. Thompson, Esq., M.B., B.Ch.

SUMMARY OF VITAL STATISTICS FOR 1942.

Area, 12,617 acres.

Population (Census 1931), 233,115. Population (estimated middle of 1942), 195,600.

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

Rateable Value (1st April, 1942), £2,519,314.

Product of a Penny Rate (1941—1942), £9,387.

Rate in the £: 12/8d.

Gross expenditure on Health Services (administered by Medical Officer of Health)	£254,085
--	----------

Income on Health Services (excluding transfers)	61,238
---	--------

Net expenditure on Health Services	£192,847
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Expressed as a Penny Rate, 17.92 pence in the pound.

Live Births	M.	F.	Total
Legitimate	1,680	1,529	3,209
Illegitimate	147	115	262
			3,471

Birth-rate per 1,000 of the estimated resident population, 17.7.

Still Births 108. Rate per 1,000 total (live and still) births, 30.18.

Birth-rate per 1,000 (live and still births), 18.3.

Deaths, 2409 (Registrar-General's figures). Death-rate per 1,000 of the estimated resident population, 12.32.

Deaths from diseases and accidents of pregnancy and child-birth, 12; from sepsis, 3; other causes, 9.

Maternal mortality 3.35 per 1,000 total live and still births.

Death-rate of Infants under one year of age (136 deaths, 3,471 births)—

All Infants per 1,000 live births	...	...	...	39
Legitimate Infants (124 deaths) per 1,000 live births	...	...	...	39
Illegitimate Infants (12 deaths) per 1,000 live births	...	...	...	46
Deaths from Influenza	...	...	...	19
„ „ Whooping Cough (all ages)	...	...	...	3
„ „ Diarrhoea (under 2 years of age)..	...	...	...	15
„ „ Diphtheria (all ages)	...	...	...	3
„ „ Pneumonia	...	...	...	113
„ „ Cancer	...	...	...	409

Rate per
1,000
Population.

Deaths from diseases of Cardiac and Circulatory System (including Cerebral Hæmorrhage)	...	...	...	5.25
„ „ diseases of the Respiratory System (including Tuberculosis)	...	...	...	1.86
„ „ diseases of Renal System	...	...	...	0.29
„ „ diseases of Digestive System	...	...	...	0.57
„ „ Suicide and Accidents	...	...	...	0.43
„ „ Old Age (local statistics)	...	...	...	0.97
„ „ War Operations (local statistics)..	...	...	...	0.03

Marriages.

The number of marriages solemnised was 2,042, compared with 2,187 in 1941, 2,792 in 1940, 2,674 in 1939, 2,319 in 1938, and 2,210 in 1937. The marriage rate was 10.4 per 1,000 of the population; 1,120 were solemnised in Established Churches, 308 in other places of worship, 612 in the Register Office, and 2 performed under Jewish ritual.

Births.

The births registered were 3,209 legitimate and 262 illegitimate. The birth-rate consequently was 17.7. For England and Wales and in the Great Towns the rates were 15.8 and 17.3.

The illegitimate births in Croydon were 7.5 of the total, compared with 6.3 in 1941; 5.3 in 1940 and 1939; 4.9 in 1938; 4.6 in 1937; and 5.5 in 1936.

The live male births numbered 1,827, the female 1,644, being a proportion of 1,111 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 27.7, Waddon 22.5, and South Norwood 20.2. Those with the lowest were Central 9.6 and Norbury 9.8.

Deaths.

The deaths numbered 2,409 compared with 2,538 in 1941. For 1942 the death-rate was 12.3; for 1941 it was 13.7. The death-rate for England and Wales was 11.6, and for the Great Towns 13.3. For London the death-rate was 13.9.

There were 156 inquests held by Coroners in respect of Croydon residents during 1942 and 138 findings by Coroners after post-mortem examination without inquest.

Wards with the highest death-rates were Central 15.3 and Bensham Manor 14.6. Lowest: Addington 8.9 and Waddon 9.0.

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

	Sex	All Ages	0—	1—	5—	15—	45—	65—
All Causes	M	1191	77	18	13	90	333	660
	F	1218	59	13	9	125	247	765
Whooping Cough	M	—	—	—	—	—	—	—
	F	3	2	1	—	—	—	—
Diphtheria	M	3	—	1	2	—	—	—
	F	—	—	—	—	—	—	—
Cerebro Spinal Fever	M	2	1	1	—	—	—	—
	F	4	—	4	—	—	—	—
Scarlet Fever	M	1	—	—	—	—	—	1
	F	—	—	—	—	—	—	—
Influenza	M	12	—	—	—	2	3	7
	F	7	—	—	—	—	1	6
Polioomyelitis & Polioencephalitis	M	—	—	—	—	—	—	—
	F	1	—	—	1	—	—	—
Tuberculosis (respiratory)	M	59	—	—	—	31	24	4
	F	38	—	—	—	31	7	—
Tuberculosis (other forms)	M	9	3	1	1	2	—	2
	F	10	1	—	2	6	1	—
Syphilitic diseases	M	10	—	—	—	—	5	5
	F	3	—	—	—	—	1	2
Cancer	M	208	—	1	—	9	80	118
	F	201	—	—	—	13	94	94
Diabetes	M	7	—	—	1	1	1	4
	F	14	—	—	—	2	3	9
Intra cranial vascular lesions	M	84	—	—	—	—	20	64
	F	134	—	—	—	2	29	103
Heart diseases	M	348	—	—	—	6	74	268
	F	393	—	—	—	10	46	337
Other circulatory diseases	M	31	—	—	—	—	7	24
	F	36	2	—	—	3	6	25
Bronchitis	M	66	1	—	—	4	19	42
	F	65	1	—	—	4	3	57
Pneumonia (all forms)	M	59	14	5	—	6	13	21
	F	54	11	3	2	2	13	23
Other respiratory diseases	M	12	—	1	—	1	6	4
	F	10	1	1	—	—	3	5
Ulcer of stomach or duodenum	M	30	—	—	—	2	18	10
	F	3	—	—	—	1	1	1
Diarrhoea (under 2 years)	M	8	7	1	—	—	—	—
	F	7	7	—	—	—	—	—
Appendicitis	M	5	—	—	1	4	—	—
	F	1	—	—	—	1	—	—
Other digestive diseases	M	26	1	—	2	1	12	10
	F	32	2	—	—	8	3	19
Nephritis	M	27	1	—	—	1	13	12
	F	30	—	—	—	4	12	14
Puerperal sepsis	F	3	—	—	—	3	—	—
Other maternal causes	F	9	—	—	—	9	—	—
Congenital debility, malformations, premature birth, etc.	M	48	47	1	—	—	—	—
	F	34	31	—	1	—	2	—
Suicide	M	15	—	—	—	5	8	2
	F	9	—	—	—	1	3	5
Road traffic accidents	M	9	—	1	—	2	3	3
	F	6	—	1	1	2	1	1
Other violent causes	M	25	1	3	1	3	6	11
	F	21	—	—	—	7	2	12
All other causes	M	87	1	2	5	10	21	48
	F	90	1	3	2	16	16	52
TOTALS		2409	136	31	22	215	580	1425

Comparisons with 1941.

In the zymotic diseases group there were decreases in the number of deaths caused by Whooping Cough and Measles. There were no deaths in the Typhoid group, compared with one in 1941. Deaths from Diphtheria numbered 3, compared with 4 in 1941.

The deaths from Pulmonary Tuberculosis increased by 7; those from Cancer by 39; and those from Heart by 2. There was a decrease of 55 in the Pneumonia deaths and of 1 in those caused by Bronchitis.

Deaths from Suicide and other violence show a decrease of 141, and road traffic accidents remained the same as 1941.

The total number of deaths was 2,409, as compared with 2,538 in 1941.

The percentage of deaths under 1 year of age to the total deaths was 5.6 per cent.; deaths under 15 years, 7.8 per cent.; deaths under 65 years, 40.85 per cent.; and deaths over 65 years, 59.15 per cent. The corresponding figures for 1941 were 3.5 per cent., 6.7 per cent., 42.2 per cent., and 57.8 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	2,330,267,208
Metropolitan Water Board in bulk	336,693,000
	<hr/>
	2,666,960,208 galls.

The same arrangements regarding samples as were commenced in 1938 continued in 1941.

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 the Clinics have continued throughout the year, and the Tonsils and Adenoids Clinic at the Croydon General Hospital, which closed in August, 1940, was re-opened on 18th August, 1941. The Throat Clinic at Croydon General Hospital was transferred to Mayday Hospital on 3rd November, 1941.

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

Cause of Death.	1937 Total Deaths	1938 Total Deaths	1939 Total Deaths	1940 Total Deaths	1941 Total Deaths	1942 Total Deaths	Death Rate
Enteric Fever	35	12	2	—	1	—	—
Malaria	—	—	—	—	1	—	—
Small Pox	—	—	—	—	—	—	—
Measles	5	8	—	—	5	—	—
Scarlet Fever	3	3	—	—	—	1	0.005
Whooping Cough	5	3	3	2	6	3	0.015
Diphtheria and Croup	15	16	16	4	4	3	0.015
Influenza (including Influenzal pneumonia)	71	21	48	49	36	19	0.097
Dysentery	—	1	1	—	2	2	0.010
Erysipelas... ..	3	3	2	2	—	1	0.005
Cerebro-Spinal Fever	3	5	2	16	8	6	0.031
Pulmonary Tuberculosis	140	117	89	128	90	97	0.496
Tuberculous Meningitis... ..	15	20	18	21	19	19	0.097
Other Tuberculous Diseases							
Cancer, Malignant Disease	432	387	419	443	376	409	2.091
Rheumatic Fever	11	6	2	8	2	3	0.015
Meningitis... ..	4	5	3	5	3	9	0.046
Organic Heart Disease	770	777	782	682	672	741	3.788
Bronchitis, Acute and Chronic	50	49	47	130	80	131	0.670
Pneumonia	179	130	151	206	194	113	0.578
Other Diseases of the Respiratory Organs	12	25	13	21	30	22	0.112
Diarrhoea & Enteritis	45	29	23	18	13	15	0.077
Appendicitis	23	15	15	15	10	6	0.031
Cirrhosis of Liver	9	8	12	1	10	5	0.026
Alcoholism	1	1	1	2	1	—	—
Nephritis & Bright's Disease	84	72	63	63	60	57	0.291
*Puerperal Fever	1	1	2	2	3	3	0.838
*Other diseases and accidents of pregnancy and parturition	11	2	2	3	5	9	2.515
Congenital debility, malformation and Premature Birth	105	64	71	53	34	82	0.419
Violent Deaths (excluding suicide)	102	78	77	61	74	61	0.312
Suicide	30	43	28	20	20	24	0.123
Other Defined Diseases... ..	634	595	662	1152	778	568	2.904
Diseases III-Defined or Unknown	2	—	3	11	2	—	—
TOTAL	2800	2496	2557	3118	2539	2409	—

* Calculated per 1,000 live and still births.

1942 showed a decrease in the general death rate and an increase in the birth rate.

WARDS.	Estimated Population.	Births.	Deaths.	Birth Rate.	Death Rate.	Deaths under 5 years 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 ...	12939	142	174	11.0	13.4	63	—	0.15	1.85	0.62	0.08	4.48	0.62	2.16	— 32
Norbury ...	12988	127	168	9.8	12.9	47	—	0.15	1.15	0.31	—	5.16	0.54	2.39	— 41
West Thornton ...	15845	201	164	12.7	10.4	45	—	0.06	1.14	0.69	0.13	3.22	0.25	1.89	+ 37
Bensham Manor	12941	203	189	15.7	14.6	44	—	0.08	1.31	0.15	0.08	5.41	0.77	2.78	+ 14
Thornton Heath ...	14585	245	180	16.8	12.3	33	—	0.07	2.19	0.41	0.14	4.80	0.55	1.78	+ 65
South Norwood ...	14255	297	174	20.8	12.2	27	—	0.28	1.26	0.42	0.07	3.79	0.49	1.33	+123
Woodside ...	12990	194	145	14.9	11.2	41	—	0.08	1.08	0.31	—	3.46	0.62	2.31	+ 49
East ...	13028	241	153	18.5	11.7	32	—	0.08	1.07	0.46	0.08	3.99	0.69	1.77	+ 88
Addiscombe ...	13179	242	188	18.4	14.3	33	0.08	—	1.90	0.61	0.08	5.16	0.30	1.59	+ 54
Whitehorse Manor	13513	201	165	14.9	12.2	75	—	—	1.04	0.81	0.30	4.22	0.67	1.85	+ 36
Broad Green ...	13914	219	165	15.7	11.9	69	0.07	0.07	1.94	0.50	0.07	3.38	0.58	2.37	+ 54
Central ...	9815	94	150	9.6	15.3	85	—	0.10	1.12	0.61	0.10	4.99	0.41	4.08	— 56
Waddon ...	14784	333	133	22.5	9.0	42	—	—	1.08	0.61	0.07	3.18	0.47	1.35	+200
South ...	12200	182	170	14.9	13.9	33	—	0.08	2.46	0.90	0.08	4.84	0.25	2.46	+ 12
Addington ...	8624	239	77	27.7	8.9	21	—	—	0.70	0.81	—	3.25	0.23	1.51	+162
The Borough ...	195600	*3471	*2398	17.7	12.3	39	—	0.08	1.44	0.54	0.09	4.18	0.50	2.07	+765

* These are the corrected totals.

MAYDAY HOSPITAL.

ACCOMMODATION.

Wards.			Normal or Basic Rating.	Emergency Bed Rating.	
1	...	...	32	...	8 (Converted into Casualty Reception Ward).
2	...	...	32	...	40
3	...	...	32	...	40
4	...	...	32	...	40
5	...	...	32	...	40
6	...	...	28	...	34
7	...	...	32	...	8 (Converted into Casualty Reception Ward).
8	...	...	32	...	37
9	...	...	32	...	40
10	...	...	32	...	39
11	...	...	32	...	40
12	...	...	32	...	40
13	...	...	23	...	35
14	...	...	23	...	35
15	...	...	23	...	35
16	...	...	23	...	28
C.W.1	...	24 cots	} Beds not returned to E.M.S. except under heading Re- served beds--17.17. Adult beds.		
C.W.2	...	24 cots			
C.W.3	...	Emergency Theatre.			
Maternity Block	44	} This is exclusive of 1st stage labour and labour beds and infants' cots.			
Maternity Isolation	4				

TABLE I.

1.—Total number of admissions (including infants born in hospital)	6,828
2.—Number of women confined in hospital	1,008
3.—Number of live births	976
4.—Number of still births	47
5.—Number of deaths among the newly-born (<i>i.e.</i> , under 4 weeks of age)	43
6.—Number of deaths among children under one year (including those given under 5)	72
7.—Number of maternal deaths among women admitted to hospital for confinement	2
8.—Total number of deaths	708
9.—Total number of discharges (including infants born in hospital)	6,061
10.—Duration of stay of patients included in 8 and 9 above:—	
(<i>a</i>) Under four weeks	5,434
(<i>b</i>) Four weeks and under thirteen weeks	1,192
(<i>c</i>) Thirteen weeks or more	164
11.—Number of beds occupied (excluding cots in maternity wards):—	
(<i>a</i>) Average during the year	389
(<i>b</i>) Highest 438, on 13-4-42.	
(<i>c</i>) Lowest 321, on 24-12-42.	
12.—Number of surgical operations under general anæsthetic (excluding dental operations)	2,361
13.—Number of abdominal sections	463

TABLE II.

Classification of In-Patients who were discharged from or who died in the Institution during the year ended 31st December, 1942.

Disease Groups.	Children (under 16)		Men and Women.	
	Dis- charged.	Died.	Dis- charged.	Died.
A.—Acute infectious disease	21	1	4	—
B.—Influenza	1	—	3	1
C.—Tuberculosis : Pulmonary	1	—	70	31
Non-Pulmonary	4	5	27	4
D.—Malignant Disease	—	2	129	133
E.—Rheumatism :—				
(1) Acute rheumatism (rheumatic fever) to- gether with sub-acute rheumatism and chorea	3	—	6	—
(2) Non-articular manifestations of so called " rheumatism " (muscular rheumatism, fibro- sitis, lumbago, and sciatica)	—	—	—	—
(3) Chronic Arthritis	1	—	26	—
F.—Venereal Disease	1	—	8	2
G.—Puerperal Pyrexia	—	—	5	—
Puerperal Fever	—	—	—	—
H.—Other diseases and accidents connected with pregnancy and childbirth	—	—	410	2
I.—Mental diseases	8	1	217	1
J.—Senile decay	—	—	45	19
K.—Accidental injury and violence	44	—	239	24
<i>In respect of cases not included above.</i>				
L.—Diseases of the Nervous System and Sense Organs	12	1	97	74
M.—Disease of the Respiratory System	84	16	197	47
N. " " Circulatory System	7	3	176	199
O. " " Digestive System	125	13	519	29
P. " " Genito Urinary System... ..	23	1	125	35
Q. " " Skin	66	1	99	2
R.—Other diseases.	806	5	391	20
S.—Mothers and infants discharged from Maternity Wards and not included in above figures :—				
Mothers	—	—	1015	2
Infants	939	34	—	—
T.—Any persons not falling under any of the above headings	45	—	62	—
TOTALS	2191	83	3870	625

NUMBER OF X-RAY FILMS TAKEN.

Spine ...	...	...	...	...	...	...	...	...	268
Bones ...	...	...	...	...	...	...	...	...	1,198
Pelvis...	...	...	...	...	...	...	...	...	44
Chest ...	...	...	...	...	...	...	...	...	1,985
Barium Meals	...	...	...	...	...	...	...	...	647
Barium Enemata	...	...	...	...	...	...	...	...	69
Renal ...	...	...	...	...	...	...	...	...	250
Gall-Bladder	...	...	...	...	...	...	...	...	123
Teeth ...	...	...	...	...	...	...	...	...	406
Abdominal ? FB	...	...	...	...	...	...	...	...	27
Maternity Cases	...	...	...	...	...	...	...	...	568
Skull ...	...	...	...	...	...	...	...	...	324
									<hr/> 5,909 <hr/>

Total number of Cases X-rayed ... 3,380

DIAGNOSTIC.

	1941.	1942.
Oesophagus with Barium	7	9
Barium Meals	140	166
Barium Enemata	36	33
Gall-Bladder (Plain)	20	17
Cholecystograms	31	25
Renal Tracts (Plain)	29	31
Pyelograms	30	43
Abdomen for F.B.'s, etc.	10	13
Maternity Cases	155	295
Hysterographies	4	6
Lungs (Mayday Hospital)	362	463
(Sick Staff)	7	10
(Staff on Appointment)	91	102
(T.B. Dispensary)	763	1,038
(Others)	—	11
Lungs after Lipiodol	8	9
Heart and Aorta	5	14
Skulls	81	74
Accessory Nasal Sinuses	31	25
Vertebral Column	90	96
Ribs	22	31
Pelvis	41	30
Long Bones	155	168
Short Bones	124	92
Joints	281	440
Teeth and Jaws	141	147
	<hr/> 2,664 <hr/>	<hr/> 3,388 <hr/>
EXAMINATIONS BY PORTABLE SET	129	126

X-RAY.

	1941.	1942.
Men's Wards	625	677
Women's Wards	467	688
Children's Wards	57	92
Maternity and Gynaecological Wards ...	77	92
Staff	131	151
TOTAL "IN-PATIENTS" ...	1,357	1,700
T.B. Dispensary (Men)	395	501
(Women)	336	492
(Children under 16) ...	32	45
Croydon Borough Hospital	1	3
Ante-Natal Clinic	118	240
St. Mary's Hospital	5	3
Queen's Road Homes	16	20
Dental Clinic	108	121
Others	56	255
TOTAL "OUT-PATIENTS" ...	1,067	1,680
TOTAL ...	2,424	3,380
"Screen Examinations"	397	729

MASSAGE.

Massage	7,583
Exercises	2,109
Radiant Heat	3,233
Electrical	791
Infra-red	1,041
Ultra Violet Light	1,119
	15,876
Total number of patients treated	471

MENTAL PATIENTS DEALT WITH DURING THE YEAR.

	Male.	Female.
Admitted	101	126
Certified and sent to Warlingham Park Hospital	5	26
As Voluntary Patients to Warlingham Park Hospital	54	53
Discharged not certified	46	36

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

	<i>Positive.</i>	<i>Negative.</i>	
Swabs for Diphtheria	—	1,200	
Sputa for T.B.	171	387	
Pus for T.B.	—	3	
Pus for Gonococci	—	—	
Urine for T.B.	1	17	
Faeces for T.B.	2	1	
Urine for Coli Typhoid Group... ..	1	—	
Faeces „ „ „	7	162	
Blood—Widals	—	11	
Hairs for ringworm	1	3	
Blood cultures	7	27	
Faeces for occult blood	57	127	
			2,185
Urine for routine examination			1,073
Pus for organisms			113
Blood urea estimations			217
Blood sugar estimations			90
Cerebro spinal fluids			80
Urea Conc. Tests			8
Urea clearance tests			141
Fractional test meals			78
Pleural fluids			50
Blood counts			455
Blood groups			215
Haemoglobin estimations			952
Compatibility tests			1
Faecal fat estimations			2
Van den Bergh re-action			5
Vaccines			2
Blood sedimentation rates			109
Glucose tolerance tests			6
Blood coagulation and bleeding time			3
Other examinations—unclassified			343
			<hr/>
Total number of Examinations			6,128
			<hr/>
Number of Specimens sent to Croydon General Hospital			477
			<hr/>

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

Outside Cases	199
Hospital Cases	74

NUMBER OF POST MORTEMS NOT ORDERED BY THE CORONER 101

THERAPY DEPARTMENT.

Condition for which Treatment was given.	No. of Patients.	No. of Applications.	Cured.	Re-lieved.	Died.	Trans-ferred to other Hosps.	Still under Treat-ment.
Carcinoma of Breast ...	27	404	—	19	7	1	—
Cervix ...	10	110	—	9	1	—	—
Uterus ...	2	18	—	2	—	—	—
Ovaries ...	7	96	—	7	—	—	—
Menorrhagia ...	1	12	1	—	—	—	—
Fibroid Uterus ...	1	—	—	—	1	—	—
Ovarian Cyst ...	2	24	—	2	—	—	—
Sterilization ...	9	82	3	5	—	—	1
Carcinoma of Prostate	1	12	—	1	—	—	—
Bladder	1	12	—	—	—	—	1
Larynx ...	1	12	—	1	—	—	—
Clavicle	1	8	—	—	1	—	—
Liver ...	1	6	—	1	—	—	—
Testicle	6	54	—	5	1	—	—
Scrotum	1	12	—	—	1	—	—
neck ...	1	12	—	—	1	—	—
sub. max. gland	1	12	—	—	1	—	—
Parotid tumour ...	1	6	—	—	1	—	—
Lymphatic Leukaemia	1	12	—	1	—	—	—
Hodgkins Disease ...	1	16	—	1	—	—	—
Sarcoma foot ...	2	29	—	1	1	—	—
Epithelioma lip ...	2	36	—	2	—	—	—
Fibroma of leg ...	1	12	—	1	—	—	—
Rodent ulcer ...	1	2	—	1	—	—	—
Leucoplakia labia ...	1	6	—	—	—	—	1
Osteo arthritis... ...	2	26	—	—	1	—	1
Swelling rt. shoulder...	1	2	—	—	1	—	—
TOTAL ...	86	1033	4	59	18	1	4
Corresponding totals for 1941 ...	41	495	2	5	5	1	28

TABLE III

Diagnoses in Cases Treated				MEDICAL.				SURGICAL.				TOTAL
				Cured	Re- lieved	Unre- lieved	Died	Cured	Re- lieved	Unre- lieved	Died	
ALIMENTARY.												
Appendicitis	...	...	—	—	—	—	145	24	—	3	172
Gastric ulcer	...	...	13	15	1	5	5	4	—	3	46
Duodenal ulcer	...	...	8	12	5	1	5	4	—	5	40
Dyspepsia	...	...	5	1	—	—	—	—	—	—	6
Cholelithiasis	...	...	—	—	—	—	2	—	—	1	3
Colitis	...	...	—	8	2	—	—	—	—	—	10
Intestinal obstruction	...		—	—	—	—	3	13	1	6	23	
Constipation...	...	...	26	31	1	—	—	—	—	—	58
Hernia	...	...	—	—	—	—	51	36	6	2	95
Haemorrhoids	...	...	—	3	—	—	4	3	—	—	10
Cholecystitis...	...	...	4	10	—	—	9	4	—	—	27
Gastro enteritis	...	...	29	5	1	8	—	—	—	—	43
Gastritis	...	...	8	10	—	—	—	—	—	—	18
Alveolar Abscess	...	...	1	2	—	—	—	—	—	—	3
Intestinal colic	...	...	4	7	—	—	—	—	—	—	11
Catarrhal jaundice	...		8	2	—	—	—	—	—	—	10	
Prolapse of Rectum	...		—	3	1	—	—	—	—	—	4	
Pyloric stenosis	...	...	3	1	—	1	—	1	—	—	6
Fistula in Ano.	...	...	—	—	1	—	1	—	—	—	2
Swallowed F.B.	...	...	2	—	1	—	—	—	—	—	3
Diarrhoea	...	...	4	2	2	—	—	—	—	—	8
Peptic Ulcer	...	...	1	2	—	—	—	—	—	—	3
Appendicular Colic	...		—	4	1	—	1	1	—	—	7	
Tapeworm	...	...	2	—	—	—	—	—	—	—	2
Peritonitis	...	...	—	—	—	2	3	—	—	1	6
Stomatitis	...	...	1	—	—	—	—	—	—	—	1
Adhesions	...	...	—	2	1	—	1	1	—	—	5
Pelvic Abscess	...	...	—	—	—	—	1	1	—	—	2

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Parenchymatosus Glossitis...	1	—	—	—	—	—	—	—	1
Collapse	4	2	1	—	—	—	—	—	7
Pyloric Ulcer	—	4	—	—	—	—	—	—	4
Peritonsillar Abscess ...	—	—	—	—	1	1	1	—	3
Appendicular Abscess ...	—	—	—	—	1	6	—	—	7
Perianal Abscess	—	—	—	—	1	—	—	—	1
Abdominal Abscess	—	—	—	—	1	1	—	—	2
Gastroptosis	—	1	—	—	—	—	—	—	1
Pancreatitis	—	—	—	3	—	—	—	—	3
Hepatic Abscess	—	—	1	—	—	1	—	—	2
Ascites	—	3	—	—	—	—	—	—	3
Pyloric Spasm	2	1	—	—	—	—	—	—	3
Ileitis	1	1	—	—	—	—	—	—	2
Diverticulitis	—	5	2	—	1	1	—	—	9
Gallstone Colic	—	1	—	—	—	—	—	—	1
Hepatitis	1	—	—	—	—	—	—	—	1
Polyposis Intestine	—	—	—	—	1	—	—	—	1
Haematemesis of unknown origin	1	1	—	—	—	—	—	—	2
Duodenal ileus	—	—	1	—	—	—	—	—	1
Vincent's Angina	6	—	—	—	—	—	—	—	6
Coeliac disease	—	1	—	—	—	—	—	—	1
Volvulus small intestine ...	—	—	—	1	—	—	—	—	1
BONES, AND JOINTS.									686
Arthritis	2	19	2	—	—	—	—	—	23
Paget's Disease	—	—	—	1	—	—	—	—	1
Fibrositis	4	3	1	—	—	—	—	—	8
Coccydynia	—	1	—	—	—	—	—	—	1
Bursitis	1	2	—	—	—	—	—	—	3
Sacro iliac strain	—	2	1	—	—	—	—	—	3
Lumbago	1	1	—	—	—	—	—	—	2
Synovitis	3	2	—	—	—	—	—	—	5

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Osteo-myelitis	2	5	1	2	—	—	—	—	10
Osteo-arthritis	—	8	2	—	—	—	—	—	10
Coxitis	1	—	—	—	—	—	—	—	1
Functional Disability ...	—	1	—	—	—	—	—	—	1
Rheumatism	3	5	1	—	—	—	—	—	9
Splastic Diplegia	—	1	—	—	—	—	—	—	1
Osteitis	—	1	—	—	—	—	—	—	1
Effusion into Joint... ..	1	2	—	—	—	—	—	—	3
Bow Legs	—	—	1	—	—	—	—	—	1
Talipes Equino varus ...	—	3	—	—	—	—	—	—	3
Charcot's Joint	—	1	—	—	—	—	—	—	1
CARCINOMA.									87
Breast	—	—	—	—	1	15	7	16	39
Ovary	—	—	—	—	2	1	—	4	7
Stomach	—	—	—	—	—	3	5	22	30
Rectum	—	—	—	—	—	2	4	12	18
Cervix	—	—	—	—	—	8	—	4	12
Uterus	—	—	—	—	—	3	2	2	7
Prostate	—	—	—	—	—	1	3	3	7
Tongue and Mouth ...	—	—	—	—	—	1	3	2	6
Colon	—	—	—	—	—	4	3	17	24
Larynx	—	—	—	—	—	—	3	4	7
Oesophagus	—	—	—	—	—	—	—	5	5
Gall-Bladder	—	—	—	—	—	2	1	—	3
Lung	—	—	—	—	—	1	1	3	5
Bronchus	—	—	—	—	—	—	2	7	9
Pancreas	—	—	—	—	—	1	2	3	6
Epithelioma	—	—	—	—	—	2	3	4	9
Peritonic	—	—	—	—	—	—	1	—	1
Urinary bladder	—	—	—	—	—	1	1	3	5
Cervix uteri	—	—	—	—	—	3	6	4	13

Diagnoses in Cases Treated				MEDICAL.				SURGICAL.				TOTAL
				Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Kidney	...	...	...	—	—	—	—	—	—	—	1	1
Sarcoma	...	...	...	—	—	—	—	—	3	4	5	12
Penis	...	...	...	—	—	—	—	—	—	1	2	3
Lip	...	...	...	—	—	—	—	—	1	1	—	2
Liver	...	...	...	—	—	—	—	—	—	1	1	2
Malignant Tumour, frontal lobe.	...	...	...	—	—	—	—	—	—	—	1	1
Vagina	...	...	...	—	—	—	—	—	—	1	—	1
Intestine	...	...	...	—	—	—	—	—	—	—	1	1
Ventriculi	...	...	...	—	—	—	—	—	—	2	—	2
Testis	...	...	...	—	—	—	—	—	2	—	1	3
Thyroid	...	...	...	—	—	—	—	—	1	—	1	2
Glands	...	...	...	—	—	—	—	—	3	2	2	7
Tonsil	...	...	...	—	—	—	—	—	—	1	—	1
Pelvi rectal junction	...	...	...	—	—	—	—	—	1	1	1	3
Pylorus	...	...	...	—	—	—	—	—	2	—	—	2
Femur	...	...	...	—	—	—	—	—	—	1	—	1
Neck	...	...	...	—	—	—	—	—	1	—	—	1
Scrotum	...	...	...	—	—	—	—	—	—	—	1	1
Vulva	...	...	...	—	—	—	—	—	—	—	2	2
Ileo-caecal junction	...	...	...	—	—	—	—	—	1	1	—	2
Caecum	...	...	...	—	—	—	—	—	—	—	1	1
												264
CIRCULATORY (Blood).												
Anaemia	...	...	...	1	3	—	—	—	—	—	—	4
Hyperpiesia	...	...	...	2	28	2	2	—	—	—	—	34
Septicaemia	...	...	...	—	—	—	2	—	—	—	—	2
Pernicious anaemia	...	...	...	3	9	—	4	—	—	—	—	16
Epistaxis	...	...	...	4	1	—	—	—	—	—	—	5
Thrombosis	...	...	...	1	3	—	8	—	—	—	—	12
Phlebitis	...	...	...	—	1	—	—	—	—	—	—	1

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL.
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Varicose veins	—	3	1	—	—	—	—	—	4
Gangrene	—	3	1	3	—	—	—	—	7
Leukaemia	—	3	1	2	—	—	—	—	6
Malaria	—	1	—	—	—	—	—	—	1
Haemolytic anaemia ...	—	—	—	1	—	—	—	—	1
Ischaemia	—	—	1	—	—	—	—	—	1
									94
CIRCULATORY (Heart)									
Myocardial Degen : ...	—	23	2	122	—	—	—	—	147
Arterio sclerosis	—	11	3	5	—	—	—	—	19
Endocarditis	—	1	—	2	—	—	—	—	3
Myocarditis	—	2	—	2	—	—	—	—	4
Carditis	2	5	—	—	—	—	—	—	7
Auricular fibrillation ...	—	13	—	8	—	—	—	—	21
Mitral stenosis	1	9	1	3	—	—	—	—	14
Mitral Regurgitation ...	—	1	—	—	—	—	—	—	1
Congestive heart failure ...	1	13	2	16	—	—	—	—	32
Heart failure	—	6	3	17	—	—	—	—	26
Congenital heart disease ...	—	2	—	2	—	—	—	—	4
Tachycardia	1	2	1	—	—	—	—	—	4
Angina	2	2	—	1	—	—	—	—	5
Banti's disease	—	—	—	1	—	—	—	—	1
Heart block	—	—	1	1	—	—	—	—	2
Bradycardia	—	1	—	—	—	—	—	—	1
									291
CONSTITUTIONAL.									
Diabetes Mellitus	2	17	—	9	—	—	—	—	28
Debility	2	6	—	—	—	—	—	—	8
Nutritional disorder ...	7	2	—	—	—	—	—	—	9
Marasmus	3	2	—	2	—	—	—	—	7

[illegible]

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
GENITO URINARY.									
Nephritis	9	3	—	9	—	—	—	—	21
Urethral stricture	—	7	—	—	—	—	—	—	7
Pyelitis	6	17	—	—	—	—	—	—	23
Enlarged prostate	—	1	1	2	11	20	1	5	41
Pyelonephritis	—	—	—	—	—	—	—	4	4
Perineal Hypospadias	—	1	1	—	—	—	—	—	2
Perinephric abscess	—	—	—	—	1	—	—	—	1
Cystitis	7	6	2	1	—	—	—	—	16
Papilloma of bladder	—	4	2	—	—	1	—	1	8
Uraemia	—	—	—	12	—	—	—	—	12
Renal colic	2	4	—	—	—	—	—	—	6
Oxaluria	1	—	—	—	—	—	—	—	1
Visical calculus	—	—	1	—	—	2	—	—	3
Pyonephrosis	—	—	—	—	—	2	—	—	2
Hypernephroma of kidney	—	—	—	—	—	—	—	2	2
Hypernephrosis	—	—	—	—	2	2	—	—	4
Epididymo-orchitis	—	—	—	—	—	1	—	—	1
Seminoma rt. testis.	—	—	—	—	—	1	—	—	1
Circumcision	—	—	—	—	7	1	—	—	8
Undescended testis.	—	—	1	—	—	1	—	—	2
Haematuria	2	—	—	—	—	—	—	—	2
Urethral fistula.	—	1	—	—	—	1	1	—	3
Retention.	1	7	1	—	—	4	—	—	13
Suprapubic fistula.	—	—	—	—	—	1	—	—	1
Incontinence.	—	1	—	—	—	—	—	—	1
									185
GYNAECOLOGICAL.									
Abortion	—	—	—	—	178	39	5	2	224
Fibrosis Uteri	—	—	—	—	47	6	6	—	59

[illegible]

[illegible]

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re- lieved	Unre- lieved	Died	Cured	Re- lieved	Unre- lieved	Died	
MENTAL.									
Uncertified	2	31	109	—	—	—	—	—	142
Certified	—	—	31	—	—	—	—	—	31
M.D.	—	5	11	—	—	—	—	—	16
Epilepsy	2	12	8	1	—	—	—	—	23
Mongolism	—	—	—	1	—	—	—	—	1
Senile Dementia	—	3	1	—	—	—	—	—	4
Loss of memory	1	2	—	—	—	—	—	—	3
Hysteria	1	2	2	—	—	—	—	—	5
Imbecile	—	—	1	—	—	—	—	—	1
Congenital idiot	—	—	1	—	—	—	—	—	1
									227
NERVOUS AND SENSORY.									
Cerebral haemorrhage ...	—	4	—	31	—	—	—	—	35
Meningitis	7	—	—	3	—	—	—	—	10
Chorea	3	1	—	—	—	—	—	—	4
Habit vomiting	—	1	—	—	—	—	—	—	1
Hemiplegia	2	5	4	3	—	—	—	—	14
Sciatica	—	3	1	—	—	—	—	—	4
Neurasthenia	—	4	1	—	—	—	—	—	5
Neurosis	1	8	3	—	—	—	—	—	12
Cerebral thrombosis ...	1	22	1	29	—	—	—	—	53
Disseminated sclerosis ...	—	3	3	1	—	—	—	—	7
Neuralgia	2	—	—	—	—	—	—	—	2
Neuritis	1	—	2	—	—	—	—	—	3
Convulsions	1	—	—	—	—	—	—	—	1
Cerebral tumour	—	—	1	2	—	—	—	—	3
Tabes dorsalis	—	2	—	—	—	—	—	—	2
Parkinsons disease ...	—	—	—	2	—	—	—	—	2
Cerebral arterio sclerosis ...	—	3	—	1	—	—	—	—	4

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re- lieved	Unre- lieved	Died	Cured	Re- lieved	Unre- lieved	Died	
Paraplegia	—	1	1	—	—	—	—	—	2
Subarachnoid haemorrhage	2	—	—	3	—	—	—	—	5
Paralysis	—	2	—	—	—	—	—	—	2
Hydrocephalus	1	—	1	—	—	—	—	—	2
Migraine	—	3	1	—	—	—	—	—	4
Muscular dystrophy ...	—	—	1	—	—	—	—	—	1
Poliomyelitis	—	2	—	—	—	—	—	—	2
Encephalitis	1	—	—	—	—	—	—	—	1
Headache	1	2	—	—	—	—	—	—	3
									184
RESPIRATORY.									
Bronchitis	39	45	9	4	—	—	—	—	97
Pneumonia	91	24	1	48	—	—	—	—	164
Pleural effusion	—	3	—	—	—	—	—	—	3
Bronchiectasis	2	7	—	2	—	—	—	—	11
Atelectasis	—	—	—	2	—	—	—	—	2
Pleurisy	6	3	—	—	—	—	—	—	9
Emphysema	—	2	1	—	—	—	—	—	3
Asthma	7	22	1	—	—	—	—	—	30
Empyema	3	3	—	—	—	—	—	—	6
Pulmonary abscess ...	2	2	3	1	—	—	—	—	8
Pulmonary congestion ...	—	1	—	3	—	—	—	—	4
Asphyxia	—	—	—	1	—	—	—	—	1
Fibrosis of lungs	—	2	—	—	—	—	—	—	2
Tumour of lung	—	—	1	—	—	—	—	—	1
Pulmonary embolism ...	—	—	—	2	—	—	—	—	2
Pulmonary infarct	1	—	—	—	—	—	—	—	1
									344
SENILITY									
	1	27	17	19	—	—	—	—	64

Diagnoses in Cases Treated	MEDICAL.				SURGI CAL.				TOTAL
	Cured	Re- lieved	Unre- lieved	Died	Cured	Re- lieved	Unre- lieved	Died	
SKIN.									
Boils, abscess and carbuncles	—	—	—	—	26	12	—	—	38
Burns and scalds	—	—	—	—	6	6	1	1	14
Eczema	9	3	1	—	—	—	—	—	13
Impetigo	17	7	—	—	—	—	—	—	24
Scabies	27	2	—	—	—	—	—	—	29
Dermatitis	3	4	—	—	—	—	—	—	7
Scurvy	1	—	—	—	—	—	—	—	1
Septic spots	2	2	—	—	—	—	—	—	4
Plantar Verrucae	—	1	—	—	—	—	—	—	1
Erythema nodosum	1	—	—	—	—	—	—	—	1
Fibroma	—	—	—	—	—	1	—	—	1
Cellulitis	—	—	—	—	8	1	—	—	9
Papilloma	—	—	—	—	—	1	—	—	1
Sinusitis	—	1	—	—	—	—	—	—	1
Ulceration	—	—	—	—	8	6	—	—	14
Herpes	4	—	—	—	—	—	—	—	4
Urticaria	2	—	—	—	—	—	—	—	2
Erysipelas	1	—	—	—	—	—	—	—	1
Purpura	1	—	—	2	—	—	—	—	3
Infected corn	—	1	—	—	—	—	—	—	1
									169
PULMONARY TUBERCULOSIS	—	42	29	31	—	—	—	—	102
NON-PULMONARY TUBERCULOSIS.									
Spine	1	1	2	1	—	—	—	—	5
Meninges	—	—	—	5	—	—	—	—	5
Elbow	—	—	1	—	—	—	—	—	1
Knee	—	—	1	—	—	—	—	—	1
Hip	1	—	—	—	—	—	—	—	1

Diagnoses in Cases Treated				MEDICAL.				SURGICAL.				TOTAL
				Cured	Re-lieved	Unre-lieved	Died	Cured	Re-lieved	Unre-lieved	Died	
Glands	...	...	...	—	6	—	—	—	—	—	—	6
Shoulder	...	...	...	—	—	1	—	—	—	—	—	1
Kidney	...	...	...	—	4	3	—	—	—	—	—	7
Peritonitis	...	...	...	—	1	—	2	—	—	—	—	3
Foot	...	...	...	2	2	2	—	—	—	—	—	6
Bowel	...	...	...	—	1	1	—	—	—	—	—	2
Abdominal	...	...	...	—	—	1	—	—	—	—	—	1
Miliary	...	...	...	—	—	—	1	—	—	—	—	1
												40
VENEREAL.												
Gonorrhoea	...	...	...	—	1	1	—	—	—	—	—	2
Syphilis	...	...	...	—	4	3	2	—	—	—	—	9
												11
VIOLENCE.												
Fractured limbs	...	...	...	—	—	—	—	11	79	9	19	118
Fractured spine	...	...	...	—	—	—	—	—	4	—	—	4
Fractured malleolus	...	...	...	—	—	—	—	1	3	—	—	4
Fractured skull	...	...	...	—	—	—	—	1	3	—	1	5
Fractured ribs	...	...	...	—	—	—	—	7	5	—	1	13
Fractured clavicle	...	...	...	—	—	—	—	—	1	—	—	1
Fractured pelvis	...	...	...	—	—	—	—	4	2	—	—	6
Fractured sacrum	...	...	...	—	—	—	—	—	—	1	—	1
Fractured nasal bones	...	...	...	—	—	—	—	1	—	—	—	1
Minor injuries	...	...	...	—	—	—	—	11	7	1	—	19
Contusions and abrasions	...	...	...	—	—	—	—	18	19	—	—	37
Sprain	...	...	...	—	—	—	—	5	2	—	—	7
Abdominal injury	...	...	...	—	—	—	—	1	1	—	1	3
Dislocation	...	...	...	—	—	—	—	2	8	2	—	12
Concussion	...	...	...	—	—	—	—	12	17	—	—	29
Lacerations, wounds, etc.	...	...	...	—	—	—	—	9	16	1	1	27

Diagnoses in Cases Treated	MEDICAL.				SURGICAL.				TOTAL
	Cured	Re- lieved	Unre- lieved	Died	Cured	Re- lieved	Unre- lieved	Died	
Removal of plaster ...	—	—	—	—	10	7	—	—	17
Shock	—	—	—	—	—	1	—	1	2
Bruises	—	—	—	—	—	1	—	—	1
									307
MISCELLANEOUS.									
Poisoning	25	3	—	2	—	—	—	—	30
Alcoholism	3	2	—	—	—	—	—	—	5
Dental caries	3	1	—	—	—	—	—	—	4
B.B.A.	20	—	—	—	—	—	—	—	20
N.A.D.	63	—	—	—	—	—	—	—	63
With Mother	26	—	—	—	—	—	—	—	26
Hare lip	1	1	3	—	—	—	—	—	5
Teething	1	1	—	—	—	—	—	—	2
Prematurity	—	—	—	1	—	—	—	—	1
Post operative haem. ...	4	2	—	—	—	—	—	—	6
Diabetic coma	1	—	—	1	—	—	—	—	2
Long vulva	1	—	—	—	—	—	—	—	1
Tight heel tendons... ..	—	—	—	—	—	1	—	—	1
Stings	1	—	—	—	—	—	—	—	1
Webbed fingers	—	—	—	—	—	1	—	—	1
P.U.O.	3	2	3	—	—	—	—	—	8
Foreign body	—	—	1	—	—	—	—	—	1
									177

TOTAL NUMBER OF PATIENTS DISCHARGED FROM MAYDAY HOSPITAL
YEAR ENDED 31ST DECEMBER, 1942.

Cured	4,106	(including mothers and children)
Relieved	1,462	
Unrelieved	493	
Died	708	(including 2 mothers and 34 children)
	<u>6,769</u>	

OPERATIONS PERFORMED AT MAYDAY HOSPITAL DURING 1942

ABDOMINAL.

Appendicectomy	166
Appendix abscess drained	10
Sigmoidoscopy	20
Herniotomy	88
Cholecystectomy	13
Laparotomy	46
Gastro-enterostomy	4
Cholecyst-gastrostomy	1
Colostomy	16
For Pyloric Stenosis	3
Caecostomy	2
Perforated gastric ulcer	14
Gastro jejunosomy	4
Ligature of haemorrhoids	1
Haemorrhoidectomy	5
Perforated duodenal ulcer	1
For duodenal ulcer	1
Tyrrell-Grey op.	1
Excision of papilloma abdo. wall	1
Gastrosomy	37
Splenectomy	1
Rectal examination	2
	<hr/>
	437
	<hr/>

BONES AND JOINTS.

For osteo-myelitis	3
Amputation of limbs	14
Wiring of bones	18
Removal of pin	5
Resection of rib	6
Application of plaster	47
Reduction of joints	11
Manipulation of limbs	22
Osteotomy	3
Removal of Sequestrum	4
Division of webbed phalanges	1
Coccygectomy	1
	<hr/>
	135
	<hr/>

EAR, NOSE AND THROAT.

Mastoidectomy	19
Tonsillectomy	734
Adenoidectomy	7
Myringotomy	4
Oesophagoscopy	2
Bronchoscopy	2
Orchidectomy	2
	<hr/>
	770
	<hr/>

GENITO URINARY.

Cystoscopy	...	...	...	...	...	...	...	56
Circumcision	...	...	...	...	...	...	...	11
Nephrectomy	...	...	...	...	...	...	...	8
Prostatectomy	...	...	...	...	...	...	...	20
Supra pubic cystotomy	...	...	...	...	...	...	...	36
For extravasation of urine	...	...	...	...	...	...	...	1
Urethral dilatation	...	...	...	...	...	...	...	15
Urethral caruncle	...	...	...	...	...	...	...	3
Excision of papilloma of bladder	...	...	...	...	...	...	...	1
Insertion of Pilcher's bag	...	...	...	...	...	...	...	1
Insertion of Catheter	...	...	...	...	...	...	...	2
Fulguration of bladder	...	...	...	...	...	...	...	5
Insertion of Depezar catheter	...	...	...	...	...	...	...	5
								<hr/> 164

GYNAECOLOGICAL.

Examination under Anaesthetic	...	...	...	...	...	...	...	80
Total hysterectomy	...	...	...	...	...	...	...	10
Sub-total hysterectomy	...	...	...	...	...	...	...	45
Salpino oophorectomy	...	...	...	...	...	...	...	6
Dilatation and Curetage	...	...	...	...	...	...	...	102
Removal of ovarian cyst	...	...	...	...	...	...	...	5
Salpingectomy	...	...	...	...	...	...	...	6
Induction of abortion	...	...	...	...	...	...	...	1
Ovariectomy	...	...	...	...	...	...	...	3
Incision of Bartholins abscess	...	...	...	...	...	...	...	3
Incision of Bartholins cyst	...	...	...	...	...	...	...	4
Insertion of pessary	...	...	...	...	...	...	...	5
Removal of pessary	...	...	...	...	...	...	...	1
Colpo-perineorrhaphy	...	...	...	...	...	...	...	13
Cauterization of Cervix	...	...	...	...	...	...	...	3
Baldy Webster Operation	...	...	...	...	...	...	...	12
Fothergills Operation	...	...	...	...	...	...	...	4
Insertion of Laminaria Tents	...	...	...	...	...	...	...	1
Removal of Laminaria Tents	...	...	...	...	...	...	...	2
Urethral and Cervical Smears Taken	...	...	...	...	...	...	...	5
Cervical Polypi	...	...	...	...	...	...	...	7
Amputation of Cervix	...	...	...	...	...	...	...	3
Colpotomy	...	...	...	...	...	...	...	3
Biopsy of Cervix	...	...	...	...	...	...	...	4
Removal of Gauze Packing from Uterus	...	...	...	...	...	...	...	6
Removal of Broad Ligament Cyst	...	...	...	...	...	...	...	1
Suture of Laceration of Vaginal Wall	...	...	...	...	...	...	...	1
Urethrotomy	...	...	...	...	...	...	...	1
Intra Uterine Lipiodol	...	...	...	...	...	...	...	6
Repair of Pelvic Floor	...	...	...	...	...	...	...	1
Suture of Perineum	...	...	...	...	...	...	...	3

OBSTETRICAL.

Caesarean Section	...	...	...	...	...	...	42
Evacuation of Uterus and Glycerine Pack	...	...	...	...	...	...	149
For Ectopic Gestation	...	...	...	...	...	...	2
Induction of Labour	...	...	...	...	...	...	46
Rupture of Membranes	...	...	...	...	...	...	53
Removal of Falopian Tube	...	...	...	...	...	...	1
							<hr/> 293 <hr/>

MISCELLANEOUS.

Blood Transfusion	...	...	...	...	...	...	26
Incisions (Abscess, etc.)	...	...	...	...	...	...	90
Cleansing of Burns, etc.	...	...	...	...	...	...	10
Amputation of Breast	...	...	...	...	...	...	4
Suture of Wounds	...	...	...	...	...	...	17
Skin Graft	...	...	...	...	...	...	1
Excision of Wounds	...	...	...	...	...	...	1
Lumbar Puncture	...	...	...	...	...	...	55
Aspiration of Chest	...	...	...	...	...	...	37
" " Abdomen Wall	...	...	...	...	...	...	2
" " Gall Bladder	...	...	...	...	...	...	1
" " Knee	...	...	...	...	...	...	3
" " Abscess	...	...	...	...	...	...	5
Removal of Nail	...	...	...	...	...	...	6
Removal of Foreign Body	...	...	...	...	...	...	16
Paracentesis	...	...	...	...	...	...	25
Suture of Tendon	...	...	...	...	...	...	4
For Hare Lip	...	...	...	...	...	...	1
For Cleft Palate	...	...	...	...	...	...	3
Extraction of Teeth	...	...	...	...	...	...	20
Thyroidectomy	...	...	...	...	...	...	1
Injection of Varicose Veins	...	...	...	...	...	...	3
Ligature of Varicose Veins	...	...	...	...	...	...	3
Thoracotomy	...	...	...	...	...	...	5
Removal of Glands	...	...	...	...	...	...	7
Diathermy to Anal Lupoid Tissue	...	...	...	...	...	...	1
Venesection	...	...	...	...	...	...	7
Tissue for Biopsy	...	...	...	...	...	...	2
							<hr/> 356 <hr/>

Number of patients who had teeth extracted ... 166

PUBLIC ASSISTANCE.

(a) Domiciliary Relief.

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

1st January, 1942	...	1,832 persons	...	1,016 cases
1st July, 1942	...	1,771	„	984 „
1st January, 1943	...	1,794	„	958 „

Expenditure on Out-relief during the 12 months ended 30th September, 1942, to Croydon cases resident in the Borough :—

Half-year ended 31st March, 1942	...	£30,679 19s. 10d.
Half-year ended 30th September, 1942	£30,125	5s. 6d.

(b) Institutional Relief.

Number of Croydon persons relieved in the Mayday Hospital on 1st January, 1943, and in the Queen's Road Homes on the same date :—

Mayday Hospital	...	...	15
Queen's Road Homes	...	...	542

(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 district.

<i>Particulars for Year ended 31.3.43.</i>	<i>All Districts.</i>
(1) Average number of separate patients attended during each quarter ...	1,388
(2) Attendances at patients' homes ...	10,085
(3) Attendances on patients at the surgery ...	12,555
(4) Total number of prescriptions written ...	22,900
(5) Estimated cost of drugs, dressings and dispensing ...	£1,036 17s. 11d.
(6) Estimated amount of per capita payment to doctors in respect of patients actually attended (calculated quarterly) ...	4s. 3.87d.
(7) Estimated average payment per service point ...	1.77d.

TABLE I.
CASES OF NOTIFIED INFECTIOUS DISEASE, 1942.

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—5.	6—15.	16—25.	26—45.	46—65.																				66 and up.
Small Pox ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ...	48	1	11	12	15	8	—	1	4	—	1	1	2	3	2	9	7	7	3	—	3	3	3	46	3	18	30
Typhus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	28	—	—	—	2	6	14	6	1	3	3	7	3	2	—	2	1	—	2	2	—	2	—	10	—	10	18
Scarlet Fever ...	496	—	208	243	29	14	1	1	21	12	75	36	38	39	38	23	32	22	41	12	32	56	19	457	2	258	238
Enteric & Paratyphoid ...	3	—	—	—	2	1	—	—	—	—	1	—	—	—	1	—	—	1	—	—	—	—	—	2	—	1	2
Puerperal Pyrexia ...	78	—	—	—	29	49	—	—	1	1	43	—	2	3	4	—	6	8	1	2	4	4	—	23	—	—	78
Cerebro-Spinal Meningitis	15	1	7	4	—	2	1	—	1	2	2	1	—	—	1	—	—	3	—	1	2	—	2	14	5	6	9
Ophthalmia Neonatorum	19	19	—	—	—	—	—	—	1	—	4	1	2	—	—	—	1	5	2	—	1	1	1	5	—	14	5
Poliomyelitis and	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Polisenecephalitis ...	3	—	1	1	1	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	1	—	—	2	1	—	3
Encephalitis Lethargica ...	1	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Dysentery ...	10	1	3	4	—	2	—	—	—	—	—	—	—	—	1	2	—	1	1	—	4	1	—	8	—	5	5
Malaria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Primary and Acute	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Influenzal Pneumonia	67	1	4	5	6	22	20	9	2	2	3	2	8	1	4	12	7	3	5	2	4	7	5	3	5	35	32
Measles ...	1596	52	843	665	17	17	—	2	43	60	99	67	113	100	117	48	159	102	183	40	174	106	185	24	—	775	821
Whooping Cough ...	474	52	310	98	5	8	1	—	18	48	41	43	57	31	19	40	38	22	36	15	18	12	36	34	5	231	243

Notified Disease.	Incidence Rate per 1,000 population.		Housing Conditions.			Case occurring in Institutions in the Borough.	Total cases notified (1942).
	1941	1942	1-3 rooms	4-5 rooms	Over 5 rooms		
Small Pox	—	—	—	—	—	—	—
Diphtheria	0.34	0.25	7	24	8	9	48
Erysipelas	0.20	0.14	1	19	6	2	28
Scarlet Fever	0.98	2.54	57	371	59	9	496
Enteric Fever (Inc. Paratyphoid) ...	0.05	0.05	—	2	—	1	3
Puerperal Pyrexia	0.28	0.40	*	*	*	63	78
Cerebro-spinal Meningitis	0.17	0.08	—	8	6	1	15
Ophthalmia Neonatorum	0.09	0.10	*	*	*	7	19
Poliomyelitis and Polioencephalitis ...	0.02	0.02	—	2	1	—	3
Encephalitis Lethargica	0.01	—	1	—	—	—	1
Acute Primary or Acute Influenzal Pneumonia	0.30	0.34	5	43	19	—	67
Dysentery	0.03	0.01	—	7	1	2	10

* Not obtained.

The 1931 Census showed that houses of 1—3 rooms formed 4.7 per cent. of the total number of houses in Croydon; those of 4—5 rooms 51.4 per cent., and those with over 5 rooms 43.9 per cent.

Comments on the Incidence and Prevalence of Infectious Disease.

Scarlet Fever was more prevalent than in 1941.

The incidence rate of Diphtheria was 0.25, compared with 0.34 in 1941.

No cases of Small Pox occurred during the year.

• There were 78 cases of Puerperal Pyrexia; 28 occurred in the age-group 16—25 years and 49 in the age-group 26—45 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 1942.

835 patients were admitted and discharged which, together with patients in at the commencement of 1942 (29), gives a total of 864 dealt with. Fourteen died, giving a case mortality for the Hospital of 1.6 per cent. as against 4.8 per cent. in 1941.

Penge Urban District Council and the Royal Air Force (Biggin Hill Station) have an arrangement with the Corporation to send their cases to the Hospital. During the year 32 cases were so admitted and these cases are included in the table.

The Hospital is a recognised training school for nurses. During the year one probationer passed the final examination of the General Nursing Council.

Owing to the greatly increased number of Scarlet Fever cases admitted in the second six months of the year, two additional wards were opened for them.

Three operations for the removal of tonsils and adenoids were performed.

The repairs to Ward B, which was badly damaged during the air raids of 1941, are almost completed.

TABLE V.

Complaint for which admitted.	Patients remaining in Hospital on 1st January, 1942			Patients admitted and discharged in 1942			Patients admitted during 1942 and re- maining in Hospital on 1st January, 1943			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	14	14	—	379	376	3	120	120	—	499	496	3	0.6	29.5
Diphtheria	6	6	—	82	80	2	18	18	—	100	98	2	0.2	28.6
Enteric Fever	—	—	—	2	2	—	1	1	—	3	3	—	—	51
Para-Typhoid Fever	—	—	—	2	2	—	—	—	—	2	2	—	—	7
Puerperal Pyrexia	—	—	—	22	22	—	—	—	—	22	22	—	—	13
Puerperal Fever	1	1	—	5	5	—	—	—	—	5	5	—	—	30
Erysipelas... ..	1	—	1	11	10	1	—	—	—	11	10	1	9.0	11
Measles	—	—	—	26	26	—	—	—	—	26	26	—	—	13.2
Rubella	—	—	—	1	1	—	—	—	—	1	1	—	—	8
C.S.M.	1	1	—	20	16	4	1	1	—	21	17	4	19	16
Whooping Cough	4	4	—	34	30	4	—	—	—	34	30	4	11.7	39
Chicken Pox	—	—	—	7	7	—	—	—	—	7	7	—	—	15.3
Mumps	—	—	—	13	13	—	—	—	—	13	13	—	—	16.6
Tonsilitis	—	—	—	1	1	—	—	—	—	1	1	—	—	7
Poliomyelitis	—	—	—	2	2	—	—	—	—	2	2	—	—	33
Dysentery	—	—	—	7	7	—	1	1	—	8	8	—	—	12.4
Pemphigus	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Vincent's Angina	1	1	—	2	2	—	—	—	—	2	2	—	—	14
Ophthalmia	—	—	—	5	5	—	—	—	—	5	5	—	—	5
Tuberculosis	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Dermatitis	—	—	—	5	5	—	—	—	—	5	5	—	—	16
Simple Laryngitis	—	—	—	1	1	—	—	—	—	1	1	—	—	5
Gastro Enteritis	—	—	—	2	2	—	—	—	—	2	2	—	—	10
Jaundice	—	—	—	1	1	—	—	—	—	1	1	—	—	18
Encephalitis	—	—	—	1	1	—	—	—	—	1	1	—	—	19
Venereal Disease... ..	—	—	—	17	17	—	1	1	—	18	18	—	—	15
No Disease	—	—	—	45	45	—	—	—	—	45	45	—	—	—
TOTALS	29	28	1	693	679	14	142	142	—	835	821	14	—	—

SCARLET FEVER.

The total number of Scarlet Fever cases admitted during the year was 499, an increase of 330 on 1941. The type of disease admitted during the year was of moderate severity.

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

TABLE B.

	Serum Cases.	Non-Serum Cases.	Total.
Total Cases ...	106	393	499
Albuminuria	—	1	1
Adenitis	2	13	15
Otorrhoea	5	16	21
Rhinorrhoea	7	15	22
Relapse	—	2	2
Rheumatism	1	—	1
Oedema of Lung	1	—	1
Quinsy	—	1	1
Nephritis	—	3	3

The average stay in hospital of serum cases was 29 days and of non-serum cases 29.5 days.

Three deaths occurred amongst the Scarlet Fever cases, two being complicated by broncho-pneumonia and one by oedema of the lungs.

The number of complications amongst the 393 non-serum cases was 51, whereas the complications amongst the serum cases was 16.

There was a marked increase of the disease from September to January, after which the disease declined.

M.B.693 was again found useful in clearing up persistent otorrhœa, and M.B.760 when the otorrhœa was due to a staphylococcal infection.

Ages and Sexes Admitted.

Scarlet Fever.

TABLE C.

Age.	Male.	Female.	Totals.
0—1	—	—	—
1—2	14	9	23
2—3	22	17	39
3—4	24	17	41
4—5	38	32	70
5—10	129	115	244
10—15	13	22	35
15—20	8	6	14
20—30	12	13	25
30 or over	5	3	8
Total 1942	265	234	499
Total 1941	73	96	169

DIPHTHERIA.

100 cases were admitted with a diagnosis of Diphtheria, a decrease of 15 cases on 1941. Of these 22 were found not to be cases of Diphtheria and 23 were cases of positive swabs without clinical symptoms, leaving 55 cases of true clinical Diphtheria.

There were 2 deaths, a mortality of 3.6 per cent.

Analysis of the 55 cases—

Faucial diphtheria	...	...	...	45
Nasal diphtheria	...	...	...	5
Laryngeal diphtheria	...	...	...	1
Faucial and nasal diphtheria	...	...	...	4
				—
Total	...	...	...	55
				—

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

Rhinorrhœa	...	...	...	...	4
Albuminuria	...	...	...	...	2
Heart failure	...	...	...	...	4
Adenitis	...	...	...	...	4
Paralysis—Palatal	...	...	...	...	3
Eyes	...	...	...	...	2
Diaphragm	...	...	...	...	1

The case with diaphragmatic paralysis following on heart failure and palatal paralysis was nursed in a Booth Respirator for three days and recovered completely.

Ages and Sexes Admitted.

Diphtheria.
TABLE D.

Age.	Males.	Females.	Totals.
0—1	1	—	1
1—2	3	1	4
2—3	6	1	7
3—4	5	1	6
4—5	4	8	12
5—10	15	5	20
10—15	4	4	8
15—20	3	14	17
20—30	2	15	17
30 & over	4	4	8
Total 1942	47	53	100
Total 1941	56	59	115

Typhoid and Para-Typhoid Cases.

During the year 5 cases of Typhoid and Para-typhoid Fever were admitted, but in only 3 cases was the diagnosis confirmed. No deaths occurred.

Of the three cases admitted as Typhoid one was really a case of Uterine Cancer, and one of the 2 cases admitted as Para-typhoid B. was really a case of Influenza.

Puerperal Fever.

During the year there were 5 cases of Puerperal Fever and 22 of Puerperal Pyrexia. No deaths occurred amongst the cases.

Under the Puerperal Pyrexia heading are included 18 cases suffering from Venereal Disease and sent here for isolation.

Of the Puerperal Fever cases

1 was complicated by bilateral salpingitis.

1 was complicated by thrombo-phlebitis of both legs.

Erysipelas.

There were 11 cases of Erysipelas admitted, a decrease of four cases on 1941.

One death occurred amongst them, due to heart disease.

Measles.

There were 26 cases of Measles admitted, and no deaths occurred amongst them. In 2 of the cases the diagnosis was not confirmed, 1 being a case of Dermatitis and the other a case of Chicken Pox.

Whooping Cough.

There were 34 cases of Whooping Cough admitted and 1 death occurred amongst these, being complicated by Broncho-Pneumonia. There was a decrease of 28 cases on 1941.

Cerebro-Spinal Meningitis.

There were 21 cases of Cerebro-Spinal Meningitis, and of these only in 12 cases was the diagnosis confirmed.

- 4 were cases of influenza,
- 1 was a case of sunstroke,
- 1 was a case of tonsillitis,
- 1 was a cellulitis of eye,
- 1 was a case of constipation.

There were 4 deaths amongst them.

The disease was of average severity, but in the cases admitted early the response to treatment was good.

Of the four fatal cases, one drifted on to the chronic stage with a marked general wasting; two were admitted late in the disease; and one had a severe patubrial rash on admission.

The treatment consisted in lumbar puncture on admission and giving of sulphapyridine in doses of 2 grms. repeated in four hours' time, then 1 gm. was given four-hourly. This was continued for 4 to 5 days.

In the case of children half the adult dose was given, whilst in those cases that were sick after giving the drug, the soluble form in doses of 2.5 cc. was given by intra-muscular injection. In addition, three cases were given meningococcus anti-toxin in 20-30 cc. doses.

The response to this treatment was very good, the temperature falling within 24 hours to normal and the patients becoming more rational and quieter.

No ill-effects were observed from giving sulphapyridine except for some cyanosis and repeated vomiting in those cases who could not tolerate the M.B.693 given by mouth.

Ophthalmia Neonatorum.

Five cases were admitted, but they proved to be cases of simple ophthalmia.

Anterior Poliomyelitis.

Two cases of this disease were admitted, but in only one case was the diagnosis confirmed. The other was a case of transient hemiplegia in a child with severe whooping cough.

Dysentery.

Eight cases were admitted, and of these three were of the Sonne type and one was due to Morgan I. infection.

Mumps.

Thirteen cases of the disease were admitted, but in three cases the diagnosis was not confirmed.

Encephalitis Lethargica.

The one case admitted as Encephalitis Lethargica proved to be Neurasthenia.

Out of Borough Cases.

TABLE E.

Disease.	Males.	Females.	Total.	Deaths.
Scarlet Fever ...	11	13	24	—
Diphtheria ...	1	4	5	—
Measles ...	1	—	1	—
C.S.M. ...	1	—	1	—
No Disease ...	1	—	1	—
Total ...	15	17	32	—

Croydon Borough Hospital Laboratory Report.**DIPHTHERIA.**

New Cases Swabbed on Admission.	Swabs taken during Convalescence.	Total.	Total.
+	+	Negatives.	Swabs Examined.
67	67	2,467	2,601

ENTERIC (Dreyer's Agglutination Test).

B. Typhosum.	B. Para-Typhosum A. B. Para-Typhosum B.	Total.
+	—	Examined.
2	4	6

SPECIMENS OF FAECES EXAMINED FOR ENTERIC AND DYSENTERY GROUPS.

B. Typhosum.	Sonne Dysentery.	Total.	Total.
+	+	Negative.	Examined.
3	2	18	23

CEREBRO-SPINAL FLUIDS EXAMINED FOR ORGANISMS.

Fluids found to contain Meningococci.	Total Examined and found Sterile.	Examined. Total
7	13	20

MISCELLANEOUS EXAMINATIONS.

- 12 Swabs from throats : Vincents Angina present.
- 7 Specimens of Sputum examined for presence of T.B. : all negative.
- 8 Eye Swabs examined for Gonococci : 2 positive, 6 negative.
- 30 Specimens of Urines for routine examinations.
- 12 Lochia Swabs examined for organisms.
- 3 Specimens of Blood for culture : 2 sterile, 1 hæmolytic streptococcus longus grown.
- 1 Fluid from Chest found to be sterile.
- 10 Vaginal Swabs examined for presence of Gonococci : 1 positive, 9 negative.
- 2 Swabs from Skin : staphylococcus aureas grown.

CULTURE MEDIA PREPARED.

Löffler's Blood Serum	: 230 doz. tubes.
Agar Agar	... 4,500 cc.
Peptone Water	... 2,500 cc.
Litmus Milk	... 1,000 cc.
Endo's Media	... 2,500 cc.
McConkey's Media	... 750 cc.

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	—	—	—	—	1	3	—
Para-typhoid B. ...	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	2	—
Puerperal Fever ...	—	—	—	—	—	—	—	—	—	3	—	1	—	—	1	—	5	—
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	8	—	3	—	1	—	—	12	—
Erysipelas ...	—	—	—	—	—	—	—	—	1	—	—	2	2	1	2	3	11	1
Measles ...	1	1	1	2	7	3	4	2	2	—	2	—	—	1	—	—	26	—
Rubella ...	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1	—
C.S.M. ...	—	—	—	3	2	4	4	1	2	—	3	1	—	—	1	—	21	4
Whooping Cough ...	3	5	3	7	8	5	2	1	—	—	—	—	—	—	—	—	34	4
Chicken Pox ...	—	—	—	—	1	—	4	—	1	—	—	1	—	—	—	—	7	—
Ophthalmia ...	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	5	—
Mumps ...	—	—	—	—	2	1	—	1	4	2	2	1	—	—	—	—	13	—
Anterior Poliomyelitis ...	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	2	—
Encephalitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—
Laryngitis ...	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—
Dysentery ...	1	—	—	—	—	2	2	1	1	—	—	—	1	—	—	—	8	—
Vincent's angina ...	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	2	—
Tonsillitis ...	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—
Dermatitis ...	3	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—	5	—
Jaundice ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—
Venereal Disease ...	—	—	—	—	—	—	—	—	—	—	8	7	—	3	—	—	18	—
Gastric Enteritis ...	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—
No Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	45	—
TOTALS ...	13	8	5	12	20	16	17	7	14	18	16	16	4	6	4	5	226	9

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 ...	47	991	...	...	...	...	...	...	10	1204	7	221	3	102	67	2518
Virulence tests for Diphtheria ...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	2	...
Sputum for Tub. Bac. ...	53	478	...	...	...	...	558	702	...	...	...	...	18	69	629	1249
Pus for Tub. Bac. ...	...	5	1	6	...	1	...	...	...	...	...	10	...	...	1	22
Pus for Gonococci ...	...	3	2	...	2	4	...	...	...	...	3	32	...	...	7	39
Pus for other organisms ...	...	6	...	6	...	1	...	...	...	...	...	13	...	...	...	26
Blood for Typhoid Groups ...	1	7	...	...	...	...	...	...	...	...	...	1	1	...	2	8
Blood for Wassermann ...	1	9	9	153	...	3	...	...	...	...	...	2	...	...	10	167
Material for Spirochaetes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faeces for Typhoid Group... ..	...	5	...	...	...	...	...	...	...	...	...	...	...	...	...	5
Hair for Ringworm ...	...	...	...	...	...	...	...	...	4	2	3	...	...	...	7	2
Examination of Urine ...	3	...	...	...	...	...	...	...	...	...	9	...	...	...	12	...
Examination of Pleural Fluid ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Examination of C.S. Fluid ...	...	...	28	...	1	...	...	...	...	...	...	...	...	...	29	...
Other Examinations ...	215	...	475	...	6	...	...	...	360	...	69	...	33	...	1158	...

Examinations Done Under the National Health Insurance Act.

<i>Nature of Examination.</i>	<i>Nature of Examination.</i>
Pus for Gonococci ... 8 (2 pos.)	Urine for Chemical Exam. ... 11
Pus for other organisms 12	Urine for Microscopical Exam.... 11
Pus for Tub. Bac. ... 9	Urine for Tub. Bac. ... 11
Blood for Wasserman . 10 (3 pos.)	Urine for Cultural Exam. ... 11
Complete Blood Counts 24	Other Examinations ... 14

Bacteriological Examination of Milk.

<i>Number of Samples submitted for Counts</i> ...	484
Number under 10,000 per cc ...	100
Number over 10,000 but under 50,000 per cc ...	131
Over 50,000 but under 100,000 per cc ...	66
Over 100,000 but under 500,000 per cc ...	97
Over 500,000 but under 1,000,000 per cc	17
Over 1,000,000 per cc ...	73

Tubercle Bacilli—

Number of samples of milk submitted ...	484
Number found positive by inoculation test ...	0
The number of milk examinations increased by	137
Number of samples still under investigation for T.B. ...	0

Milk Samples.

484 milk samples submitted to the Methylene Blue Test, of which 116 failed to satisfy. Of these 95 were further investigated and 32 of them were found satisfactory to the Bacillus Coli test.

IMMUNISATION AGAINST DIPHTHERIA.

During 1942 the routine of the Diphtheria Immunisation Clinics remained unchanged; that is to say, alum precipitated toxoid was the prophylactic used, and Schick testing both before and after treatment was, except for a few cases, dispensed with. This meant only two visits compared with four or five of former years.

New cases came from the following sources :—

School cases ...	2,660
Infant Welfare cases ...	2,176
Others under 5 years ...	675

The ensuing tables give some further details :—

Total number of sessions held	...	...	144
Highest attendance at any one session	...	...	176
Lowest attendance at any one session	...	...	16
Average attendance per session	...	...	71

Summary of Attendances and Treatment, 1942.

Year.	Total attended for treatment.	New cases attended.	No. of sessions held.	Av. attend per session.	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	—	36	389	—	185	—	—	185
1935	1431	1151	97	58	634	76	781	766	98.8	781
1936	2285	1661	145	61	1215	78	1264	1254	99.2	1264
1937	1894	1286	122	58	1017	86	1222	1215	99.5	1222
1938	2049	1541	115	56	1208	69	1152	1140	98.9	1152
1939	1488	1020	61	63	593	76	678	671	98.9	1201
1940	508	428	33	28	—	—	—	—	—	419
1941	6639	6639	206	61	—	—	—	—	—	5833
1942	6581	6133	144	81	—	—	—	—	—	5511

Summary of Attendances and Treatment,

Under Treatment 1.1.42	Total new Cases, 1942.	1942 Cases Completed Treatment.	Received A.P.T.	Under Treatment 31.12.42	Defaulted.
490	6133	5511	6581	1297	180

Origin and Source of Cases attending.

Year.	School		Inf. Welfare C.		Others under 5 yrs.	
	Total	Per cent.	Total.	Per cent.	Total.	Per cent.
1934	339	67	—	—	170	33
1935	944	66.6	265	18.7	208	14.7
1936	1620	74.8	310	14.3	237	10.9
1937	928	72.2	155	12.0	203	15.8
1938	1179	76.5	130	8.4	232	15.1
1939	704	69.0	225	22.0	91	9.0
1940	216	50.0	98	23.0	114	27.0
1941	4477	67.4	1239	18.7	923	13.9
1942	2660	48.3	2176	39.5	675	12.2

Immunisation in Residential Schools and Homes.

Owing to the evacuation of Residential Schools and Homes, no immunisation was conducted in the Institutions in 1942.

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...	1379	710	5	385	37	18	95	65	64	—
West Sub-District ...	1725	818	10	605	57	19	12	103	101	—
North Sub-District...	687	306	9	241	23	8	12	34	54	—
	3791	1834	24	1231	117	45	119	202	219	—

During the year 2,070 Forms Q were personally delivered to parents, and 75 Forms K. Form Q is the Form drawing attention to the requirements of the Vaccination Acts and Form K refers to cases in default.

857 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, 1942 :—

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 ...	253	26	279	7
No. 2 Area ...	222	23	245	5
No. 3 Area ...	114	12	126	6
No. 4 Area ...	89	11	100	4
No. 5 Area ...	233	10	243	4
Addington (New) :—				
Dr. Spurring ...	31	11	42	— Now joined H.M. Forces.
Dr. Kanaar ...	50	7	57	— Now joined H.M. Forces.
Queen's Road Homes ...	—	—	—	—
Mayday Hospital ...	—	—	—	—
Children's Homes ...	—	—	—	—
Shirley Residential Schools	—	—	—	—
	992	100	1092	26

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.

	1933.	1934.	1935.	1936.	1937.	1938.	1939.	1940.	1941	1942.
New male patients ...	242	297	287	300	395	416	316	187	448	*661a
New female patients	214	232	213	188	184	257	191	202	258	300a
Attendances, male patients ...	4578	5858	5548	7525	8610	7318	4258	2996	3033	3932a
Attendances, female patients	2677	3962	5977	5226	5405	5365	3150	1772	1508	1585a

a Includes 270 new cases and 1437 total attendances by patients from outside areas.

* Including Service Cases.

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

There were 79 new patients, who made a total of 1,088 attendances.

Pathological Examinations at London Hospitals for Croydon Patients.

516 Examinations were made for various Clinics and 723 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. ...	—	—	9	—	2	—	8	—	19
St. Thomas's ...	—	—	51	—	56	—	81	—	188
South Lon. Hos. for Women	1	—	23	13	9	2	17	14	79
Royal Free ...	—	—	10	—	2	—	10	—	22
King's College ...	—	—	46	—	18	—	4	—	68
Whitechapel Clinic, L.C.C....	—	—	2	—	2	—	2	—	6
Westminster Hospital ...	—	—	—	—	—	—	—	—	—
Guy's Hospital ...	—	—	72	363	20	165	22	165	807
Mothers ...	—	—	16	—	14	—	19	—	49
Seamen's ...	—	—	—	—	—	1	—	—	1
Total ...	1	—	229	376	123	168	163	179	1239

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.	—	1	1	10	—
St. Thomas's	—	4	22	342	—
Guy's	—	4	9	153	—
King's College	2	2	11	347	2
Royal Free	1	1	4	27	37
S. Lond. Hosp. for Women ...	—	2	9	104	—
Whitechapel Clinic, L.C.C. ...	—	—	—	4	—
Westminster	—	—	1	4	—
Mothers	3	1	1	96	103
Seamens	—	—	—	1	—
Total	6	15	58	1088	142

TABLE V.

Return relating to all persons who were treated at the Treatment Centre at Croydon General Hospital during the year ended the 31st December, 1942.

	Syphilis		Soft Chancre		Gonorrhoea		Non-venereal or un- diagnosed condition		TOTALS		
	M	F	M	F	M	F	M	F	M	F	Ttls.
1. Number of cases on 1st January under treatment or observation	(58) 58	72	—	—	(130) 12	8	(13) —	13	271	93	364
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	—	4	—	—	4	2	—	—	4	6	10
3. Number of cases dealt with for the first time during the year under report (exclusive of cases under Item 4) suffering from :—											
Syphilis, primary	4	1	—	—	—	—	—	—	4	1	5
„ secondary	4	7	—	—	—	—	—	—	4	7	11
„ latent in 1st year of infection	—	7	—	—	—	—	—	—	—	7	7
„ all later stages	7	5	—	—	—	—	—	—	7	5	12
„ congenital	1	7	—	—	—	—	—	—	1	7	8
Soft Chancre	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection	—	—	—	—	55	75	—	—	55	75	130
„ later	—	—	—	—	2	—	—	—	2	—	2
Non-venereal conditions	—	—	—	—	—	—	77	198	77	198	275
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	(109) 8	14	—	—	(402) —	2	(74) —	4	(511) 82	20	(511) 102
TOTALS OF ITEMS 1, 2, 3 AND 4	249	117	—	—	605	87	164	215	1018	419	1437
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	6	12	—	—	(55) 44	50	(74) 87	214	(129) 137	276	(129) 413
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	—	—	—	—	—	—	—	—	—	—	—
„ all later stages	2	4	—	—	—	—	—	—	2	4	6
„ congenital	—	—	—	—	—	—	—	—	—	—	—
Soft Chancre	—	—	—	—	—	—	—	—	—	—	—
Gonorrhoea, 1st year of infection	—	—	—	—	—	—	—	—	—	—	—
„ later	—	—	—	—	—	—	—	—	—	—	—
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure	6	8	—	—	18	2	—	—	24	10	34
8. Number of cases transferred to other Centres or to institutions, or to care of private practitioners	(127) 12	17	—	—	(422) —	8	—	—	(549) 12	25	(549) 37
9. Number of cases remaining under treatment or observation on 31st December	(37) 59	76	—	—	(55) 11	27	3	1	(92) 73	104	(92) 177
TOTALS OF ITEMS 5, 6, 7, 8 AND 9 (These totals should agree with those of Items 1, 2, 3 and 4)	249	117	—	—	605	87	164	215	1018	419	1437

	Syphilis		Soft Chancre		Gonorr- hoea		Non- venereal or un- diagnosed condition		TOTALS		
	M	F	M	F	M	F	M	F	M	F	Ttls.
10. Number of attendances :—											
(a) for individual attention of the medical officer(s)	(1489) 635	939	—	—	(1164) 332	289	(74) 166	349	(2727) 1133	1577	(2727) 2710
(b) for intermediate treatment, e.g., irrig- tion, dressing	—	—	—	—	72	6	—	2	72	8	80
TOTAL ATTENDANCES	2124	939	—	—	1568	295	240	351	3932	1585	5517
11. In-patients :—											
(a) Total number of persons admitted for treatment during the year	1	—	—	—	—	—	—	—	1	—	1
(b) Aggregate number of "in-patient days" of treatment given	32	—	—	—	—	—	—	—	32	—	32
	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	—	—	—	—	—	6	1		7
13. Pathological Work :—	Microscopical.						Others for diagnosis of Venereal Disease				
Number of specimens examined at, and by the medical officer of, the Treatment Centre ...	for Syphilis			for Gonorrhoea							
	—			—			—				

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	Forces	Total
A. Number of cases from each area included under the following headings in Item 3 :—						
Syphilis	20	20	2	1	—	43
Soft Chancre	—	—	—	—	—	—
Gonorrhoea	40	82	5	5	—	132
Non-venereal and undiagnosed conditions ...	120	145	4	6	—	275
TOTAL	180	247	11	12	—	450
B. Total number of attendances of all patients residing in each area	1353	1268	94	75	2727	5517

CANCER.

Deaths from Cancer numbered 405 as compared with 377 in 1941; 443 in 1940; 414 in 1939; 380 in 1938; 421 in 1937; 421 in 1936; 321 in 1935; 371 in 1934; and 374 in 1933.

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

1933—1.56 (374)	...	1938—1.56 (380)
1934—1.54 (371)	...	1939—1.78 (414)
1935—1.33 (321)	...	1940—2.22 (443)
1936—1.75 (421)	...	1941—2.04 (377)
1937—1.74 (421)	...	1942—2.07 (405)

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	3	4	81836	0.049
25 and under 35 years ...	1	2	3	29134	0.103
35 and under 45 years ...	8	8	16	31722	0.504
45 and under 65 years ...	74	94	168	38845	4.325
65 years and over	115	99	214	14063	15.217
	199	206	405	195600	2.071

Sites of Fatal Cancer.

Site.	Male.	Female.	Total.	Percentage of Total.
Brain	1	1	2	0.494
Skin	4	2	6	1.481
Tongue and Mouth	6	—	6	1.481
Tonsil	2	—	2	0.494
Oesophagus	9	4	13	3.209
Stomach	40	24	64	15.802
Liver	7	3	10	2.469
Bowel	28	34	62	15.308
Rectum	16	16	32	7.901
Bladder	8	4	12	2.963
Prostate	16	—	16	3.950
Larynx	4	4	8	1.975
Uterus	—	24	24	5.926
Breast	—	44	44	10.864
Ovary	—	13	13	3.210
Pancreas	15	3	18	4.444
Peritoneum	2	—	2	0.494
Gall Bladder and Duct	1	3	4	0.988
Mediastinum	1	1	2	0.494
Bones	5	7	12	2.963
Lungs	21	11	32	7.901
Kidneys	3	1	4	0.988
Eye	—	1	1	0.247
Paratoid Glands	2	—	2	0.494
Thyroid Gland	2	1	3	0.741
Lymphatic Glands	2	—	2	0.494
Genital Organs	4	4	8	1.976
Not defined	—	1	1	0.247
	199	206	405	

Comments on Foregoing Table.

The organs most often attacked in descending order of incidence are : In the males—the Bowels and Rectum (22.1 per cent.), the Stomach (20.1 per cent.), the Lungs (10.6 per cent.), and the Prostate (8.0 per cent.); in females—the Bowels and Rectum (24.3 per cent.), the Breast (21.4 per cent.), the Stomach and the Uterus (both 11.6 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.

Notification of Tuberculosis.

One hundred and ninety-eight cases of Pulmonary Tuberculosis and 39 cases of Non-pulmonary Tuberculosis were notified on Form A (primary notifications); of these 102 males and 96 females were pulmonary cases; 16 males and 23 females non-pulmonary. In addition, 73 pulmonary cases and 13 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 1942 by notification or otherwise was 323, as compared with 286 in 1941.

271 of these were cases of Pulmonary Tuberculosis, 140 in males and 131 in females. There were 16 more cases of Pulmonary Tuberculosis in males and 35 more in females than in 1941.

There were 21 cases of Non-pulmonary Tuberculosis among children under 15 years as compared with 29 in 1941. The number of cases in adults was 31, compared with 37 in 1941.

Of the cases notified in 1942, 14 males and 13 females died from the Pulmonary form of the disease during the year, equal to 13.6 per cent. of those notified, and 4 males and 4 females from the Non-pulmonary form.

The incidence rate of Tuberculosis of all forms was 1.65 per 1,000 of the population; for Pulmonary Tuberculosis 1.39, and for Non-pulmonary 0.27 per 1,000 population. The notification rate was 1.21 per 1,000. In 1941 the corresponding figures were 1.55, 1.19, 0.36 and 1.15 per 1,000.

Public Health (Tuberculosis) Regulations, 1930.

Summary of notifications during the period from 1st January, 1942, to 31st December, 1942 :—

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	1	12	13	24	18	10	18	4	102	111
Females ...	—	—	—	—	20	24	24	12	10	3	3	96	101
Non-Pulmonary—													
Males ...	2	2	1	—	2	—	5	3	—	1	—	16	18
Females ...	—	3	3	2	4	5	1	3	—	2	—	23	24

Supplemental Return.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the period from 1st January, 1942, to 31st December, 1942, 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	2	5	10	9	6	2	3	38
Females ...	—	—	—	—	2	13	9	7	1	3	—	35
Non-pulmonary Males ...	1	1	2	—	1	1	—	—	1	—	—	7
Females ...	—	2	2	—	1	—	1	—	—	—	—	6

Notification Register.

Number of cases of Tuberculosis remaining on the Notification Register on 31st December, 1942 :—

PULMONARY.			NON-PULMONARY.			Total Cases.
Males.	Females.	Total.	Males.	Females.	Total.	
571	514	1085	113	129	242	1327

CLASSIFICATION OF NEW PATIENTS.

Pulmonary Tuberculosis.

During 1942, 159 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) ...	54 or 33.9%
T.B. plus 1 (early cases, sputum positive) ...	16 or 10.1%
T.B. plus 2 (intermediate cases, sputum positive)	63 or 39.6%
T.B. plus 3 (advanced cases, sputum positive)	26 or 16.4%
	<hr/>
	159 100.0%
	<hr/>

This is 19 more than in 1941.

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

In 1942 the death-rate from all forms of Tuberculosis was 0.63 per 1,000 population.

The rate for Pulmonary Tuberculosis was 0.54 and the rate for Non-Pulmonary Tuberculosis 0.09. Similar figures for 1941 were 0.59, 0.49 and 0.10.

Pulmonary Tuberculosis.

In 1942 there were more deaths from Pulmonary Tuberculosis than in 1941, but the increase was only in men, the female deaths showing no appreciable change. The greatest increase occurred in the 25—45 years age groups. Most deaths in men occurred after the 25th year, whereas in women most deaths occurred in the earlier age groups, *i.e.*, up to the 45th year.

There was an increase of 20 per cent. in the number of new cases in 1942, compared with 1941, the increase being about three times greater in women than in men. In women the highest incidence was in the age groups 20—25 years. In men the highest incidence was in the 25—35 years groups.

Non-Pulmonary Tuberculosis.

The diagnosis of the new cases entered in the Notification Register during 1942 were as follows :—

	Male.	Female.
Meninges	5	3
Spine	1	2
Spine and hip	1	—
Hip	2	—
Shoulder	2	—
Knee	1	—
Elbow	1	—
Foot	2	3
Sterno-clavicle	—	1
Peritoneum	1	2
Abdomen	—	2
Kidney	1	3
Skin	—	1
Ileo-caecal	—	1
Sacro-iliac... ..	—	1
Genito-urinary	1	—
Miliary	1	1
Glands	4	9
Totals	23	29

Deaths from Non-Pulmonary Tuberculosis.

During 1942, 17 deaths were certified to be due to Non-Pulmonary Tuberculosis, compared with 19 in 1941, 21 in 1940, 12 in 1939, 18 in 1938, and 15 in 1937.

The deaths were due to :—

	Males.	Females.	Total.
Tuberculous Meningitis... ..	3	6	9
„ „ and Right Apical Pneumonia	1	—	1
Tuberculous Hip disease	1	1	2
Tuberculous Peritonitis	1	1	2
Tuberculous Kidney	—	1	1
Tuberculous disease of the Spine	1	—	1
Miliary tuberculosis	1	—	1
Totals	8	9	17

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

During the year 317 cases of suspected Tuberculosis were referred by private medical practitioners; 51 were diagnosed as suffering from Tuberculosis and were subsequently notified. In addition, 49 children were referred by the School Medical Service, and 25 cases from the Maternity and Child Welfare section of the Public Health Department. 71.3 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 75.9 per cent. in 1941.

The number of reports sent in by Insurance medical practitioners on their domiciliary cases (Form G.P.36) was 137.

Examination of Sputum.

The results of examinations made in 1942 are as follows:—

	For Clinic.	For General Practi- tioners.	Totals.
Positive (<i>i.e.</i> , tubercle bacilli present)... ..	572	76	648
Negative (<i>i.e.</i> , tubercle bacilli absent)... ..	713	530	1243
Totals	1285	606	1891

For each 100 new cases and contacts examined at the Clinic, 138 specimens of sputum were examined.

X-Ray Work.

1,064 X-Ray examinations were made during the year, an increase of 271 over 1941. This is equivalent to 114 for every 100 new cases and contacts seen, and compares with a rate of 101.7 in 1941. In addition, a certain number of cases who have already been examined at various hospitals are referred to the Clinic.

During the year the X-Ray examinations were carried out at Mayday Hospital.

Extra Nourishment.

Provision of special nourishment in the form of milk was granted to 91 selected cases for varying periods during the year, and 44 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 1942.

Institutions.	In Institutions on 1.1.42			Admitted During 1942			Discharged During 1942			Died During 1942.			Remaining in on 31.12.42.		
	Adults.			Adults.			Adults.			Adults.			Adults.		
	M	F	Ch.	M	F	Ch.	M	F	Ch.	M	F	Ch.	M	F	Ch.
Respiratory.															
Croydon Borough Sanatorium ...	44	22	—	79	78	—	78	54	—	3	6	—	42	40	—
Brompton Hospital and Sanatorium...	—	2	—	5	8	—	2	8	—	1	—	—	2	2	—
Childrens' Sanatorium, Harpenden ...	—	—	1	—	—	2	—	—	3	—	—	—	—	—	—
Burrow Hill Sanatorium ...	—	—	—	2	—	—	1	—	—	—	—	—	1	—	—
Berks and Bucks Joint Sanatorium ...	—	1	1	—	—	—	—	1	—	—	—	—	—	—	1
Horton Hospital ...	5	4	—	5	9	—	6	9	—	4	4	—	—	—	—
Grosvenor Sanatorium ...	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—
Preston Hall ...	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—
East Sussex County Sanatorium ...	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
St. Barnabas Home ...	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
Groundslow Sanatorium ...	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—
R. Nat. Hosp. for Consumption, Ventnor	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—
Mayday Hospital ...	8	1	1	47	51	—	28	32	—	16	12	1	11	8	—
	57	30	3	142	148	2	117	105	3	24	22	1	58	51	1

Residential Treatment for Non-Pulmonary Tuberculosis.
Summary of Patients who have received Institutional Treatment during 1942.

Institution.	In Institutions. on 1.1.42.			Admitted During 1942.			Discharged During 1942.			Died During 1942.			Remaining in on 31.12.42		
	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.	Adults.		Ch.
	M.	F.		M.	F.		M.	F.		M.	F.				
Non Respiratory Tuberculosis.															
Royal Sea Bathing Hospital	3	1	—	—	—	—	—	1	—	1	—	—	2	—	—
Heritage Craft School	—	—	1	—	—	1	—	—	—	—	—	—	—	—	2
St. Nicholas' & St. Martins Hosp. Pyrford	1	—	5	1	1	2	—	1	5	—	—	—	2	—	2
Roy. Nat. Orthopaedic Hosp.	1	—	—	1	1	—	2	—	—	—	—	—	—	1	—
Lord Mayor Treloar Cripples Hosp. ...	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1
King George's Sanatorium	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—
St. Peter's Memorial Home	—	—	—	—	2	—	—	1	—	—	—	—	—	1	—
Botley's Park Hospital	1	1	—	—	—	—	1	1	—	—	—	—	—	—	—
Croydon General Hospital	1	—	—	1	1	—	2	1	—	—	—	—	—	—	—
Croydon Boro. Isolation Hospital ...	—	1	—	—	—	—	—	1	—	—	—	—	—	—	—
Mayday Hospital	—	3	—	6	8	2	4	9	1	2	1	—	—	1	1
St. Raphael's Home	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—
Addenbrooke's Hospital	—	—	—	1	—	—	1	—	—	—	—	—	—	—	—
Papworth	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—
	8	6	7	11	14	5	11	16	6	3	1	—	5	3	6

The Immediate Results of Institutional Treatment.

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

Among the Pulmonary cases 33.2 per cent. were classified as early cases, the percentage of early cases receiving treatment in institutions was in women 38.7 per cent., in men 26.3 per cent. 51.1 per cent. of the total cases were intermediate cases, the males showing an excess in this group, 47.5 per cent. females to 55.8 per cent. males, and 15.7 per cent. were definitely advanced. Of the total Pulmonary cases treated in Institutions, 76.4 per cent. were potentially infectious.

135 males, 126 females and 4 children suffering from Pulmonary Tuberculosis were discharged from, or died in, Institutions in connection with the Croydon tuberculosis scheme during 1942.

The Tuberculosis Clinic and Home Visiting.

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

693 new cases were examined during the year. This is equal to 563 for each 100 deaths from the disease. 173 or 141 for each 100 deaths were found to be definitely tuberculous.

The total number of attendances at the Clinic was 5,128. The Tuberculosis Officer paid 73 home visits, and the District Health Visitors 2,513 visits, for Clinic purposes. In addition, the Health Visitors made 317 primary visits for the purpose of the Notification Register.

The Tuberculosis Officer paid 53 visits to Mayday Hospital, in a consultative capacity, and there examined 222 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 636 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 preventative measure. During the year 238 contacts were examined, equal to 193 for each 100 deaths, compared with

227 in 1941, 278 in 1940, 325 in 1939, and 301 in 1938. Of these 11 were considered to be tuberculous. This is equal to a tuberculosis rate per 1,000 contacts of 46.0, compared with 1.65 per 1,000 of the general population.

407 appointments for examination were offered to new contacts during 1941, but only 238 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 870. This is equivalent to 4.4 persons per 1,000 of the population.

During the year 85 Clinic cases died. Of this number 21 or 24.7 per cent. were seen for the first time in 1942.

SUMMARY OF CLINIC STATISTICS FOR 1942.

Number of persons on Clinic Register, January 1st, 1942	...	808
„ notified cases examined for the first time	... ..	44
„ cases sent for an opinion	... ..	498
„ first attendances, including 78 transfers in	... ..	1,009
„ consultations of T.O. with medical practitioners—		
(a) Personal	... ..	28
(b) Other	... ..	518
„ visits paid by T.O. to homes of patients	... ..	73
„ visits paid by T.O. to Cheam Sanatorium	... ..	—
„ visits paid by T.O. to Mayday Hospital	... ..	53
„ patients examined by T.O. at Mayday Hospital	... ..	222
„ visits paid to homes of patients by Health Visitors..	...	2,830
„ visits paid to homes of patients by District Nurses for nursing attention	... ..	636
Attendances of patients at the Clinic—		
Men	... ..	2,123
Women	... ..	2,375
Children	... ..	630
	— Total	5,128
Number of Insured Patients under Domiciliary Treatment at the end of year—		
Pulmonary	... ..	206
Non Pulmonary	... ..	10
	Total	216

Number of reports received from Panel Practitioners (G.P.36)...	137
„ report forms sent to Panel Practitioners (G.P.36) ...	399
„ reports received from Panel Practitioners on Forms G.P.17... ..	2
„ reports received from Panel Practitioners on Forms G.P.35... ..	2
„ X-Rays taken	1,064
„ reports made to Ministry of Pensions by T.O. on general progress of Tuberculous ex-Service Men	71
„ cases referred to Light Treatment	2
„ cases referred to Orthopaedic Clinic	18
„ cases receiving extra nourishment at the end of year	44
„ cases referred by the Ministry of Labour and National Service Medical Boards for examina- tion and report	165

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.

In-patients on 1st Jan., 1942		Admitted during the year		Discharged during the year.		Died during the year.		In on 1st Jan. 1943.	
M	F	M	F	M	F	M	F	M	F
44	22	83	85	81	60	3	6	43	41

Number of Artificial Pneumothorax cases begun ...	30
„ Refills given	1,918
„ X-ray Screenings	2,046
„ Films taken	455
„ Sputum tests	879
„ Gas replacements	10

Immediate Results of Treatment.

Group.	Total number of cases discharged		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 ...	13	20	11	16	—	1	1	1	—	1	1	1	143
Class T.B. Plus—													
Group I ...	11	9	2	6	5	—	1	1	—	—	3	2	186
Group II ...	40	23	5	2	25	12	6	5	—	1	4	3	225
Group III ...	12	7	—	1	2	—	5	2	3	4	2	—	109
Observation Non T.B.	2	1	—	—	—	—	—	—	—	—	—	—	—
	78	60	18	25	32	13	13	9	3	6	10	6	—

At the beginning of 1942 there were 66 patients in Cheam Sanatorium. During the year 168 were admitted and 141 discharged, whilst 9 died, thus leaving 84 patients in at the end of 1942.

There were 4 observation cases sent in : 3 males and 1 female. Of the 3 males, 2 were not tuberculous, and the 1 female was not tubercular. Therefore, there were 3 observation cases in non-tuberculous cases, which are shown above. The case that was tuberculous is in with the tuberculous cases and is not shown as observation.

Artificial pneumothorax cases discharged but still under treatment : 6 males, 6 females (see above), making total discharges : males 84, females 66.

These artificial Pneumothorax cases only refer to cases discharged in 1942, those discharged in 1941 and still having refills have not been included.

Dental Report.

Dental inspection and treatment for patients in the above institution is carried out as early as their general condition permits attendance at the surgery. For those in the acute stage,

however, attention is for the most part confined to those whose dental condition causes discomfort or when treatment has been specially recommended by the Resident Medical Superintendent.

Dental treatment for tuberculosis patients differs from that prescribed for ordinary individuals in that as the former are already definitely ill, any operations performed must be of short duration, so as not to risk any aggravation of the underlying condition. It is worthy of note that while, in cases where the mouth is unusually neglected, the patient is often loath to have anything done, the reaction once treatment is commenced is usually good and little further trouble is experienced.

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

Treatment sessions devoted to this class of work were 33 against 34 in 1941. Treatment figures given below follow very closely on those obtained during the previous year.

Review of Work Done.

	<i>Males.</i>	<i>Females.</i>	<i>Total.</i>	
			1942	1941
Number Examined	59	54	113	111
Referred Treatment	40	37	77	92
Treated	36	35	71	87
Attendances	154	130	284	268
Extractions	109	45	154	138
Fillings	43	75	118	117
Dressings	10	5	15	15
Scalings	13	17	30	43
Root Treatments	—	4	4	4
Denture Dressings	7	5	12	25
Dentures Fitted	1	1	2	7
Dentures Repaired	3	2	5	—
Mandibular Injections	7	6	13	23

No. of Treatment Sessions : 33

Dental Treatment for Patients Referred from the Tuberculosis Dispensary to Lodge Road.

Patients referred from the Tuberculosis Dispensary 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 remaining 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.	
			1942	1941
Referred from Dispensary ...	2	13	15	16
Treatment cases continued from Cheam.	8	5	13	5
Attendances	26	54	80	66
Extractions	6	22	28	39
Fillings	4	12	16	23
Dressings	—	—	—	5
Scalings	1	8	9	6
Denture Dressings	21	28	49	21
Dentures fitted	8	9	17	6

Number of Treatment Sessions : 20

The amount of 9s. 0d. was taken in attendance fees during the year at Lodge Road.

MATERNITY AND CHILD WELFARE.

Notification of Births.

Notifications were received from—

	Live Births.	Still Births.	Total.
Midwives	3,183	90	3,273
Doctors, Parents and Others...	455	22	477
	3,638	112	3,750

Maternal Mortality.

There were 9 deaths directly due to pregnancy, compared with 8 in 1941. The maternal mortality rate was 2.51 per 1,000 births, compared with 3.23 in 1941. In other words, one mother died for every 400 babies born.

The deaths directly due to pregnancy were caused by—

- (1) Ruptured ectopic gestation.
- (2) Pulmonary embolism consequent upon child-birth.
- (3) Coronary embolism : Cæsarean section.
- (4) Post-partum hæmorrhage.
- (5) Coronary air embolism : gas gangrene of uterus : pregnancy full term.
- (6) Toxæmia of pregnancy.
- (7) Puerperal sepsis.
- (8) Intra-cranial hæmorrhage : eclampsia : pregnancy.
P.M.
- (9) Obstetric shock : dystocia and retained placenta.

In addition there were three deaths due to criminal abortion included by the Registrar-General under suicide, etc.

Puerperal Fever and Puerperal Pyrexia.

Seventy-eight cases of Puerperal Pyrexia were notified. This is a rate of 21.8 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	1,344	35.31
In Public Institutions	1,715	45.06
Registered Maternity Homes ...	747	19.63
	<hr/> 3,806 <hr/>	

Still Births.

During 1942, 108 still births were registered in respect of Croydon. Of these 59 were male babies and 49 female; 6 males and 4 females were illegitimate. The proportion of still births

to living children was as 1 to 32. The still birth rate was 3.0 per cent. of the total births. The still birth rate, on the same basis as for Infant Mortality, was 30.2 per 1,000 births.

Ophthalmia Neonatorum.

Nineteen cases were notified during 1942.

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

	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942
No. of Cases ...	10	13	13	20	21	20	15	14	17	19
Rate per 1,000 Births ...	3.2	4.0	3.9	6.2	6.4	6.0	4.5	4.7	7.0	5.5

Results of Treatment.

Notified.	Cases treated.		Vision Unimpaired.	Vision Impaired	Died.	Removed	Remaining under Treatment
	At home.	In hospital					
19	12	7	17	—	—	—	2

Infant Morality.

The Infantile Mortality rate was 39 per 1,000 live births registered.

For the past 5 years the numbers of infant deaths have been 1938—135, 1939—130, 1940—116, 1941—90, 1942—137. 106 deaths of infants occurred in Institutions, including Registered Nursing Homes.

Among the 137 deaths, 72 occurred in boy babies and 65 in girls. Of the births, 1,827 were males and 1,644 females. The infantile mortality rate for the two sexes was, therefore—

Boys—39. Girls—39.

The rate of infant mortality amongst illegitimate children was 46 per 1,000. The rate in legitimate children was 39 per 1,000.

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	41	6	5	2	2	1	11	—	7	3	78	8	8	11	14	8	3	2	2	1	1	1	137
Chicken Pox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	2
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria and Croup	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	—	—	—	—	—	3
Tuberculous Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Abdominal Tuberculosis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	—	—	2
Other Tuberculous Diseases	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Meningitis (not Tuberculous)	—	—	—	—	—	—	1	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	2
Convulsions	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Laryngitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Pneumonia (all forms)	—	—	1	—	1	—	1	1	—	—	3	1	5	8	3	5	1	1	—	—	—	—	27
Diarrhoea and Enteritis	—	—	—	—	—	—	—	—	—	—	—	1	1	2	6	—	1	—	—	1	—	—	12
Gastritis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Syphilis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Congenital Malformations	6	1	—	—	1	1	3	—	—	—	12	3	—	—	—	—	—	—	1	—	—	—	16
Premature Birth	21	1	3	1	—	—	2	—	3	—	31	—	—	—	—	—	—	—	—	—	—	—	31
Atrophy, Atelectasis, Debility and Marasmus	10	2	—	—	—	—	—	—	4	2	18	—	1	—	2	—	—	—	—	—	—	—	21
Injury at Birth	1	1	—	—	—	—	3	—	—	—	5	—	—	—	—	—	—	—	—	—	—	—	5
Other Causes	3	1	1	1	—	—	1	—	—	1	8	3	—	1	—	2	—	1	—	—	—	—	15
Totals	41	6	5	2	2	1	11	—	7	3	78	8	8	11	14	8	3	2	2	1	1	1	137

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

(1) Complications of Labour—				
Trauma at Birth	...	...	...	5
				— 5
(2) Foetal States—				
Congenital Heart Malformation	...			4
Other Congenital Deformities, etc.	...			8
Atelectasis, etc.	...	...	...	18
				—30
(3) Prematurity	...	...	...	31
				—31
(4) Post-Natal Causes	...	...	...	12
				—12
				—
				78
				—

	Percentage Deaths per Total Infantile Deaths.		Deaths per 1,000 Births.	
	1942	1941	1942	1941
Premature Births	22.6	27.7	8.9	10.4
Respiratory Diseases (Pneumonia, Bronchitis, etc.)	20.4	34.4	8.1	12.1
*Infectious Diseases (including Tuberculosis	5.1	5.5	2.3	2.1
Atelectasis, Debility and Marasmus	15.3	4.4	6.0	1.7
†Diseases of Digestion	11.7	5.5	4.6	2.1
Injury at Birth and Congenital	15.3	12.2	6.0	4.6

*Analysed these deaths were due to Cerebro-Spinal Meningitis 1; Whooping Cough 2; and Tuberculosis 5.

†These deaths were due to Diarrhoea 12; Peritonitis 1; Pharyngitis 1; Intestinal Obstruction 1; Perforation of Intestine 1.

MIDWIFERY SERVICE.

Midwives Acts, 1902 to 1936.

Seventy-seven midwives notified the Local Supervising Authority of their intention to practice within the Borough during 1942. Fifteen ceased practising in the Borough; so that sixty-two remained on the Register at the end of the year. All these were trained and held the certificate of the Central Midwives Board.

Midwives are compensated if they lose a case through admission to a hospital or maternity home on the advice of a doctor. The sum of £3 was paid out during the year.

Confinements Attended by Midwives (including Municipal Midwives).

Cases attended by Midwives alone ...	2,904	71.5% of total
Cases attended by Midwives when a doctor was also engaged ...	394	
Cases attended by Midwives when a doctor was also summoned ...	452	
Total ...	3,750	

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 ...	11	Other causes ...	58
Albuminuria ...	10		
			—79
FOR COMPLICATIONS DURING LABOUR.			
Breech ...	9	Undiagnosed ...	5
			—14
<i>Delayed Labour.</i>			
Uterine Inertia ...	5	Prolonged ...	37
Delayed ...	33		
			—75
<i>Haemorrhage.</i>			
Ante-Partum ...	7	Post-Partum ...	11
			—18
<i>Other Causes.</i>			
Adherent Placenta ...	9	Illness of Mother ...	2
Torn Perineum ...	131		
			—142
FOR COMPLICATIONS DURING PUERPERIUM.			
Pyrexia ...	16	Pain in Breasts ...	3
Pain in Legs ...	9	Other causes ...	13
			—41
FOR COMPLICATIONS IN REGARD TO THE BABY.			
Inflammation of Eyes ...	40	Still Birth ...	4
Feebleness ...	13	Other causes ...	31
Premature Birth ...	2		
			—90
			459

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

Illness of Mother ...	11
Insufficient Milk ...	30
Other Causes ...	6
Total ...	47

Inspection of Midwives.

Dr. Jenkin Lloyd, the Inspector of Midwives, interviewed 2 midwives at the Town Hall. 17 visits were paid by her to the homes of midwives.

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

373 accounts were received from doctors for services rendered under the provisions of this Section. This compares with 245 in 1941, 321 in 1940, 424 in 1939, 388 in 1938, and 284 in 1937. The total amount of the accounts was £461 16s. 0d. £241 17s. 2d. was ultimately recovered from the patients. In 1941 the amount paid to doctors was £461 16s. 0d., and in 1940 £528 2s. 0d.

Nursing Homes.

	Maternity Homes.	Other Nursing Homes.	Combined Maternity and other Nursing Homes.	Total.
No. of Homes on Register on 31/12/41	5	19	17	41
No. of Applications for Registration during 1942	1	—	—	1
No. of Homes Registered during 1942	1	—	—	1
No. of Homes on Register on 31/12/42	6	15	17	38
No. of Beds available ...	55	267	(a) Mat. Beds 40 (b) Other Beds 58	(a) 95 (b) 325

WARTIME NURSERIES.

Attendances at War-time Nurseries, 1942.

	Coldharbour House	Whitehorse Road	Mayday Road	Tennison Road
Date opened	23/2/1942	1/6/1942	1/6/1942	1/6/1942
Number on books at end of year	57	43	56	62
Attendances : under 2	2881	466	2256	2948
over 2	5967	3039	3054	2363
Total	8848	3505	5310	5311
Number of days opened...	264	181	181	181
Average daily attendance ...	33	19	29	29

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 nurse on the staff of the Health Department attend.

During 1942, 3,091 new cases under 1 year of age and 1,003 over 1 year of age attended for the first time; the total of attendances of infants and young children from 0--5 years increased from 64,322 in 1941 to 82,453 in 1942. Consultations with doctors increased from 21,319 to 23,208. 49 expectant mothers were seen, an increase of 3 on 1941, and a total of 334 visits to the Centres were paid by them. The total of all visits to the Centres was 82,787, an increase of 18,027 compared with 1941.

The highest average attendance of mothers and babies at each session was recorded at St. Oswald's (100.0), South Croydon (95.7), Woodside (88.8), St. Andrews (84.5), St. Stephen's (84.1), Selhurst (83.5), and Municipal (81.7).

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 inspected during the year numbered 532 compared with 491 last year, and represent 89 per cent. of the total number of mothers referred.

Of the above, 77 per cent. presented themselves during the first six months of pregnancy, while the remaining 23 per cent. were first seen during the later period of gestation.

The demand for treatment in this branch of the dental service continues to increase as more and more cases are referred from Ante-Natal Clinics or by Midwives. Every effort was made to

enable patients to receive their first inspection as soon as possible after their names were submitted, but in spite of extra sessions being allotted for this work, delay was sometimes unavoidable.

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 66 compared with 75 last year. Those seen during the first six months after their confinement constituted 57 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 performed for those referred during the previous year.

Treatment.

With the exception that the fillings inserted were slightly fewer than last year, all principal items of treatment show an appropriate increase on 1941. The number of dentures inserted show a considerable rise, and additional time has been allotted to enable this work to be carried out at the Selhurst Road Clinic. During the year 36 extra sessions were devoted to treatment. Full details will be found in the combined Table.

The Pre-School Child.

Though a considerable amount of treatment was performed for the above, the actual number of new cases inspected was only 212 compared with 253 in 1941. While this further decline is somewhat disappointing, it is possible that owing to the increased number of mothers now on active war work, visits to Welfare Centres paid by children of the 3—5 age groups are far less frequent than in normal times.

Figures for fillings and extractions performed on these small patients show a substantial increase on those recorded in the last report. 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	532	66	598	212
Re-treated	45	9	54	31
Total	577	75	652	243
Attendances	2397	444	2841	644
Fillings	816	55	871	367
Extractions	2158	415	2573	462
" Gas " Cases	309	59	368	142
Local Anaesthesia	536	40	576	128
Scalings and Gum Treatment ...	246	20	266	5
Dressings	425	47	472	204
Denture Dressings	1145	259	1404	—
Treatments Completed	276	40	316	166

Number of Sessions (treatment) 469

Appointments kept 80%

Dentures Fitted : Full 183

Partial 66

Total 249

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

Ante-Natal 640	The Retreat 14	Waddon 11
Municipal	South Croydon 10	Shirley 11
Midwives 232	St. Alban's 15	Boston Road 8
Municipal 36	Woodside 7	St. Stephen's 6
East Croydon 53	Norbury 6	Holy Trinity 7
Upper Norwood 11	St. Paul's 8	Addington 6
West Croydon 5	St. Oswald's 15	Wartime Nursery 7
South Norwood 15	St. Andrew's 5	
Total : 1,128		

The amount received for attendance fees was £75 10s. 0d., as compared with £64 9s. 0d. in 1941.

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

Visits Re :—	Wilson	Ashe	Southgate	Walker	Hobday	Hinton	Wakefield	Overington	Wybrew	Early	Warnan	Oakley	Devaney	Cross	Bird	Webb	Buttfield	Bond	Ernest	Lewis	Carlton	Cox	Tonerl	Total
Infants under 1 year.																								
First visits	131	63	104	221	246	202	63	205	183	121	201	164	215	96	222	128	224	174	176	154	204	182	295	3974
Re-visits	331	233	130	467	817	488	127	681	416	511	340	495	959	205	622	508	694	348	460	623	789	484	253	10981
Children 1-2 years.																								
First visits	4	—	8	8	28	1	1	11	12	—	6	17	25	7	22	8	29	2	4	13	3	12	10	231
Re-visits	209	106	76	481	361	273	96	763	173	340	203	276	517	82	340	300	410	280	151	232	574	334	211	6788
Children 2-5 years.																								
First visits	7	—	16	20	40	1	—	4	10	—	12	30	53	4	21	6	53	1	1	15	6	9	3	312
Re-visits	548	205	266	851	864	359	142	570	589	264	590	355	433	113	239	498	781	231	221	412	456	495	221	9703
Expectant Mothers.																								
First visits	110	50	84	77	45	50	41	83	84	69	124	76	73	57	112	67	104	44	97	68	42	72	144	1773
Re-visits	15	6	7	7	36	—	3	2	1	27	—	—	—	31	—	1	10	—	9	2	20	4	5	186
Still Births	2	2	3	2	5	—	—	6	6	2	—	—	—	5	5	—	1	3	3	3	—	5	—	53
Milk (Mothers and Children's Order)	—	21	2	—	1	4	—	—	—	16	—	—	—	7	—	9	—	—	68	—	—	—	—	128
Deaths under 1 year	2	5	15	6	1	—	2	8	13	5	7	—	3	1	—	—	4	1	9	2	6	3	4	97
Miscellaneous visits	813	359	686	972	745	486	256	850	540	369	416	383	542	123	216	711	877	248	330	274	473	268	240	11177
Ineffective visits	219	131	207	424	542	250	110	281	364	169	225	380	514	339	356	386	548	235	433	312	222	177	432	7256
Totals —1942	2391	1181	1604	3536	3731	2114	841	3464	2391	1893	2124	2176	3334	1070	2155	2622	3735	1567	1962	2110	2795	2045	1818	52659
1941	1801	1131	1179	2190	3502	2158	1017	2911	928	1880	2133	2013	2264	1440	1737	1804	2322	2471	1744	1764	2028	1086	441	42873

Attendances at Infant Centres—1942.

	Municipal.	Boston Road.	St. Andrew's.	South Croydon.	Shirley.	Woodside.	Lr. Addiscombe Road.	South Norwood	Westow Street.	St. Alban's.	St. Paul's.	St. Oswald's.	West Croydon.	Norbury.	Waddon.	Selhurst.	Addington.	St. Stephen's	Total 1942.	Total 1941.
INFANTS :																				
New cases under 1 year ...	391	162	129	184	173	190	329	217	103	235	116	175	67	120	108	100	142	150	3091	2430
No. of re-attendances ...	4760	2233	1878	3044	1734	2480	4390	3569	1601	4259	2178	2871	1388	1953	1807	1874	2294	2591	46904	34627
New cases over 1 year ...	102	48	23	50	45	55	81	74	58	66	53	64	18	32	74	46	60	54	1003	1008
No. of re-attendances ...	2920	913	2025	1501	1114	1628	2551	1795	1654	2776	1306	1997	931	1496	1338	2109	1991	1410	31455	26257
Attendances of children 0-5	8173	3356	4055	4779	3066	4353	7351	5655	3416	7336	3653	5107	2404	3601	3327	4129	4487	4205	82453	64322
Consultations with Doctor	2411	803	1081	1259	516	1035	2161	2250	1098	2223	1080	1260	968	712	1101	1205	1007	1038	23208	21319
No. of Sessions ...	102	51	48	50	48	49	98	99	50	98	48	51	49	50	50	50	98	50	1139	1157
EXPECTANT MOTHERS :																				
No. of new cases ...	3	—	—	—	12	—	—	19	—	1	3	—	—	1	5	—	4	1	49	46
No. of re-attendances ...	1	—	—	6	21	—	—	50	—	—	5	—	38	13	105	46	4	—	289	392
Total attendances of Expectant Mothers ...	4	—	—	6	33	—	—	69	—	1	8	—	38	14	110	46	8	1	338	438
Total attendances...	8177	3356	4055	4785	3099	4353	7351	5724	3416	7337	3661	5107	2442	3615	3437	4175	4491	4206	82787	64760
Average attendance per Session... 1942	81.7	65.8	84.5	95.7	64.6	88.8	75.0	57.8	68.3	74.9	76.3	100.0	49.8	72.3	68.7	83.5	45.9	84.1	†71.6	*
1941	77.6	47.2	71.4	86.0	56.5	63.2	60.8	45.5	42.8	49.2	57.6	58.1	48.4	57.8	54.0	67.7	32.9	44.6		‡56.0

† 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 (with mothers—2)	...	...	...	...	4
Total number of weeks	...	...	...	...	34
Cost	...	...	...	...	£34 19s. 5d.
Number of mothers sent for convalescence	...	...	...	...	6
Number of children under 5 sent with their mothers to cottages	...	...	...	...	2

Home Helps.

From 1st January to December 31st, 348 mothers applied for Home Helps, and 279 were supplied. £402 was collected in payment for their services. At the end of the year there were 12 names of Home Helps on the register.

Babies' Help Report.

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

"In January, 1942, three mothers and babies were receiving help. In December five were on the books. During the year 13 have been helped. One baby died of pneumonia; all others made good progress."

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 1942.

FOSTER CHILDREN.

No. as at Dec. 31st 1941	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 1942
		Parent	Another area with Foster Parent	Another Foster Mother	Public Institution				
137	162	103	11	13	14	11	1	4	142

The number of foster-children showed an increase of 5 during the year.

FOSTER MOTHERS.

No. as at December 31st 1941	Applications for Authorisation during the year.	Removals during the year		Authorisation cancelled for other reasons	No. as at December 31st 1942
		With Child	Without child		
125	73	3	5	39	151

The number of foster-mothers increased by 26 during the year.

The Health Visitors paid 1,223 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 1942.

Taking the Registrar-General's figures for maternal mortality (deaths directly due to pregnancy, but excluding abortion) the rate for England and Wales for 1942 was 2.01 per 1,000 births. In Croydon the rate was 3.35. In "booked" cases treated by the Obstetric Service the rate for 1942 was 1.32 per 1,000 Hospital deliveries; 1.73 per 1,000 home deliveries, and 1.47 per 1,000 over all deliveries.

Of the cases treated to a conclusion at the Post-Natal Clinic during 1942, 80.8 per cent. were classified at "Health Unimpaired." This signifies that anatomically and functionally their condition was the same as before their pregnancies. The corresponding figure for 1941 was 92.7.

The number of cases delivered of viable babies in Mayday Hospital, with a nominal 48 beds, was 999. The number delivered at St. Mary's Maternity Hospital, with 30 beds, was 561.

General Statistics, 1942.

No. of live births allocated to the Borough of Croydon	...	3,471
" still "	...	108
No. of maternal deaths (directly due to pregnancy)	...	8
No. of cases of notified Puerperal Pyrexia	...	54

No. of expectant mothers who attended the Borough Ante-Natal Clinics	...	3,722
No. of cases delivered in Mayday Hospital as Booked cases	...	948
No. of cases delivered in Mayday Hospital as Emergency cases	...	232

Total cases delivered in Mayday Hospital	...	1,180
No. of cases delivered in St. Mary's Maternity Hospital as Booked cases	...	561
No. of cases delivered in St. Mary's Maternity Hospital as Emergency cases	...	—

Total cases delivered in St. Mary's Maternity Hospital	561
No. of cases delivered by Municipal midwives...	1,153

Total ... 2,894

No. of cases admitted to the Puerperal Infection Unit, Borough Hospital and Mayday Hospital Isolation Wards, including 48 from Mayday Hospital and 6 from St. Mary's Maternity Hospital	...	72
No. of Maternal deaths in Booked cases from Borough Ante-Natal Clinics	...	4
No. of Maternal deaths in Emergency cases at Mayday Hospital	...	1*
No. of Maternal deaths in cases admitted as Puerperal Sepsis <i>per se</i>	...	0
Total Maternal deaths in beds of the Obstetric Service	...	5*

(*Exclusive of Abortion)

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

(a) In Mayday Hospital	...	1,718
(b) In St. Mary's Maternity Hospital	...	561
(c) In the Borough Hospital Puerperal Infection Unit and Mayday Hospital Isolation Wards, excluding 28 from (a) and 6 from (b)	...	18
(d) At the Ante Natal Clinics and delivered outside the above Hospitals (including Municipal Midwives' cases)	...	1,336
(e) At the Post-Natal Clinics, excluding those included in (a), (b), (c) and (d)	...	507
(f) At the Ante-Natal Clinics and undelivered on December 31st, 1942	...	778
		<hr/> 4,918 <hr/>

ANTE-NATAL SUPERVISION.

	1940.	1941.	1942.
No. of Sessions at Ante-Natal Clinics held ...	411	471	572
No. of individuals who attended ...	3,257	3,402	4,305
No. of previous year's cases continuing attendance ...	574	574	620
No. of new cases ...	2,642	2,828	3,685
No. of cases undelivered on 31st December ...	574	620	1,260
Total attendances made ...	15,249	16,169	21,540
Average attendances per session ...	37	34	38
No. of cases delivered in hospital as Booked cases ...	1,277	1,199	1,509
No. of cases delivered by Municipal Midwives.	939	730	1,153
No. of cases delivered at other places under the care of private doctors or midwives	200	171	183
No. of patients found not to be pregnant ...	19	18	24
No. of patients referred to hospital for Ante-Natal treatment ...	509	480	462

The conditions for which these were admitted can be ascertained by reference to the "Booked" columns of the Numerical Summary of Cases. 7 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 1942 the Obstetric Service dealt with 2,744 out of the total births allocated to the Borough.

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

BREECH PRESENTATION.

Breech presentation diagnosed ...	209
Spontaneous version ...	10
External version successful ...	131
External version not successful ...	68
Allowed to go to term as Breech ...	68
Not recognised as Breech before labour ...	4

DENTAL TREATMENT.

No. of cases referred to Borough Dental Surgeons ...	872
No. of cases referred to Private Dental Surgeons ...	83
No. of cases refusing dental treatment ...	52
No. of cases seen too late for necessary dental treatment	48

TUBERCULOSIS.

Referred from Tuberculosis Officer because of pregnancy	7
Referred to Tuberculosis Officer for opinion on lung condition ...	8

VENEREAL DISEASE.

Gonorrhoea ... Total cases ...	5
Transferred to Borough V.D. Clinic ...	5
Syphilis ... Total cases ...	9
Transferred to Borough V.D. Clinic ...	9

These cases are delivered in Mayday Hospital Isolation Wards, and transferred to the Borough V.D. Clinic on discharge.

Midwives Cases.

These cases may be summarised as follows :—

Total number of midwives' cases during 1942 ...	183
Number of cases sent for one consultation only	79
Number of cases supervised entirely	104

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	128
Blood for Kahn Reaction	102
Blood for Gonococcus Fixation Test	102
Blood for Grouping	138
Blood for Culture	9
Blood for Urea Content	28
Blood for Widal's, etc.	2
Blood for Cell Count, etc.	94
Catheter Urine for Routine Examination	485
Urine for Aschheim-Zondek Test	57
Urine for Urea Concentration Test	135
Lochia for Culture	53
Sputum for Examination	7
Pus for Identification of Organism	15
Urethral Smears for Gonococci, etc.	25
Cervical Smears for Gonococci, etc.	52
Conjunctival Smears	47
Histological Sections	323
Van den Burgh	3
Throat Swabs for Organisms	169
Faeces for Occult Blood, etc.	1
Blood for Icterus Index	2
Blood for Hb Estimation	673
Various	6

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

238 cases were referred from Ante-Natal Clinics. Reasons for reference were :—

Breech for Attitude, etc.	52
For Presentation, Attitude, etc.	70
Twins	57
Foetal Death	8
Foetal Parts	16
Disproportion	12
Foetal Abnormalities	12
Abnormal Presentations	11

51 cases were referred from the Maternity and Gynæcological Wards at Mayday and St. Mary's Hospitals. Reasons for reference were :—

For Presentation	...	...	...	...	...	...	15
Twins and Triplets	...	...	...	...	...	...	8
For Foetal Death	...	...	...	...	...	...	7
For Foetal Parts	...	...	...	...	...	...	6
Breech— Extended Legs	...	...	...	...	...	...	3
Disproportion	...	...	...	...	...	...	9
Hydrocephalus	...	...	...	...	...	...	1
Anencephaly	...	...	...	...	...	...	1
Dermoid Cyst	...	...	...	...	...	...	1

IN-PATIENT TREATMENT.

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

	<i>St. Mary's</i>			
	<i>Mayday</i>	<i>Maternity</i>		
	<i>Hospital.</i>	<i>Hospital.</i>	<i>Total.</i>	
(1) Delivered in hospital after 28th week ...	937	...	561	1,498
(2) Delivered in hospital before 28th week..	9	...	—	9
(3) Admitted after delivery ...	23	...	—	23
(4) Discharged undelivered after ante-natal treatment and not subsequently delivered in hospital ...	—	...	—	—
(5) Died undelivered ...	—	...	—	—
(6) Ectopic Pregnancy ...	—	...	—	—
	<hr/> 969	...	<hr/> 561	<hr/> 1,530

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 :—

	<i>Mayday</i>
	<i>Hospital.</i>
(1) Before Labour :	
(a) Discharged undelivered ...	42
(b) Delivered in hospital after 28th week...	62
(c) Delivered in hospital before 28th week	43
(d) Died undelivered ...	—
(2) After Delivery ...	13
(3) Ectopic Pregnancy ...	5
	<hr/> 165

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	121	14	61	196
Eclampsia	3	—	1	4
Persistent vomiting of pregnancy ...	4	7	—	11
Chronic cervitis	3	—	—	3
Acute pyelitis	16	11	8	35
Malnutrition, debility, simple anaemia, etc.	25	—	12	37
Breech presentation for version... ..	—	—	—	—
Retroverted gravid uterus	1	—	—	1
2. Intercurrent Diseases.				
Chronic nephritis	2	—	—	2
Pulmonary Tuberculosis	7	—	—	7
Venereal disease	14	—	—	14
Cardiac disease	26	—	3	29
Exophthalmic goitre	1	—	—	1
3. Conditions chiefly Natal.				
Presentations at Delivery :—				
Anterior positions of the vertex ...	857	53	503	1413
Posterior positions of the vertex ...	18	2	34	54
Breech	53	7	19	79
Shoulder	—	—	2	2
Face and brow	6	1	1	8
Complex	1	—	1	2
Caesarean section	36	6	1	43
Twins and Triplets	18	1	5	24
Accidental haemorrhage	8	3	4	15
Placenta praevia	14	7	—	21
Hydramnios	10	—	8	18
Prolapse of cord	4	—	—	4
Retained placenta	10	4	9	23
Post-Partum haemorrhage	39	24	25	88
B.B.A.	23	13	—	36
Lacerated perineum	428	30	254	712
Obstructed labour	2	—	2	4
Premature labour	121	24	36	181
Abortion	9	138	—	147
Ectopic pregnancy	—	5	—	5
Abdominal Hysterotomy	3	—	—	3
Forceps delivery	57	3	47	107
4. Conditions chiefly Post Natal, excluding re-admissions from Post Natal Clinic.				
Breast abscess	12	—	—	12
Notified pyrexia or fever	35	13	6	54

In addition 18 cases of Puerperal Pyrexia *per se* were admitted to the Puerperal Infection Unit of the Borough Hospital.

Blood Transfusion (55 Obstetrical and 21 Gynaecological cases).

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

One Domiciliary Obstetrical case died.

Infants.

	Mayday Hospital Booked.	Mayday Hospital Emergency	St. Mary's Maternity Hospital Booked.	Total	Per Cent.
No. of infants in Hospital on 1st Jan., 1942	41	—	27	68	—
Total No. of live births, still births and infants admitted with Mother (B.B.A.) ...	975	76	566	1617	—
No. of infants in Hospital on 31st Dec., 1942	44	5	17	66	—
Alive on discharge from Hospital	912	54	541	1507	93.0
Stillborn	35	12	17	67	4.2
Died (born alive, but died in Hospital)	28	10	8	46	2.8

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 954 infants discharged from Mayday Hospital, 624 were up to or over birth weight (65 per cent.)

Of 541 infants discharged from St. Mary's Maternity Hospital, 427 were up to or over birth weight (79 per cent.)

Twins and Triplets.

There were 23 cases of Twins and one of Triplets. There was no maternal death.

	Mayday Hospital. Booked.	Mayday Hospital. Emergency.	St. Mary's Maternity Hospital. Booked.	Total.
No. of cases	17	2	5	24
No. of infants discharged alive	28	3	10	41
No. of still-births and infant deaths	6	2	0	8
Foetal and Infant Mortality...	17.6%	40%	0	16%

POST NATAL AND GYNAECOLOGICAL CLINIC.

Number of Sessions held	156
„ Individuals presented	1,854
„ Subsequent attendances	1,044
Total attendances	2,568
Average attendance per session	16
Number of Post-Natal cases	1,292
Number of Gynaecological cases	562

END RESULTS.

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

	Mayday.	St. Mary's.	Total.	%
Health unimpaired	470	313	783	86.1
Health slightly impaired	80	42	122	13.4
Health seriously impaired... ..	2	2	4	0.5
Totals, treated to conclusion	552	357	909	

Maternal Mortality (Obstetric Service).

Five deaths occurred of mothers dealt with by the Service, four in "Booked" cases, and one in "Emergency" cases.

The maternal mortality of "Booked" cases, *i.e.*, cases under the continued supervision of the Service, is 1.32 per 1,000 hospital deliveries, and 1.47 per 1,000 total deliveries, including the Municipal Midwives "Booked" cases.

Puerperal Infection.

Seventy-two cases were treated in isolation for puerperal infection, 30 of them in the Borough Hospital and 42 in Mayday Hospital. There were no deaths.

Sources of the Cases.

	Cases.	Deaths.
From Mayday Hospital:—		
"Booked" Cases	35	—
"Emergency" Cases	13	—
From St. Mary's Maternity Hospital	6	—
From other Hospitals	—	—
From private doctors, deliveries in Nursing Homes	6	—
From private doctors, deliveries at home	12	—

The Assistant Medical Officer of Health for Obstetrics was called in by medical practitioners to see 59 obstetrical and 120 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 50 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	...	...	...	...	19
Aged 5—16 years	...	...	...	...	140
Over 16 years	...	...	...	...	390

Total ... 549

2.—Education Cases.

Aged 7—16 years	75
-----------------	-----	-----	-----	-----	----

Combined Total ... 624

Compared with 1941, the Statutory cases show an increase of 19 and the Educational cases a decrease of 45.

Three of the cases under Statutory supervision have died. Two died in an institution, 1 under supervision.

The Statutory cases are distributed as follows :—

In Certified Institutions	...	...	...	219
In Approved Homes	...	...	...	3
On leave from Institutions	...	...	...	7
Under Statutory supervision at home	...	...	...	217
Under Guardianship	...	...	...	66
In Mental Hospitals	...	...	...	10
Observation Cases	...	...	...	27

549

The Education cases were distributed as follows :—

In Certified Residential Schools	...	6
In Certified Day Schools	... ..	69
In Private Schools	... ..	—
Awaiting vacancies at St. Christopher's...		—
		75
		—

During the year the Certifying Medical Officers made examinations and paid visits to the number of 102 to Statutory cases. The Mental Deficiency Visitors paid 1,832 visits to Statutory cases and 946 to Education cases, 2,778 visits in all, an increase of 100 on 1941 figures.

During 1942, twenty-eight Statutory cases were dealt with as follows :—

Sent to Certified Institutions	... ..	7
Placed under Guardianship	... ..	2
Sent to Croydon Mental Hospital	... ..	—
Varying Orders :		
(a) Change of Guardian	... ..	6
(b) From one Institution to another	... ..	7
(c) From Guardianship to Institution..		3
(d) Orders closed	... ..	3

Fifty-four Orders were renewed during the year, 14 of which were Guardianship.

Guardianship Cases.

There are 66 cases under Statutory Guardianship, 44 of these under the care of relatives, and 10 with Guardians who are not relatives. 9 males and 3 females are at work.

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

There are 7 cases on leave from Institutions (2 boys and 5 girls).

Clinic for Mentally Defective, Backward and Abnormal Children.

57 children were examined during 1942. The classifications arrived at, together with recommendations made, are summarised under :—

- (1) Certified as Mentally Defective :
Recommendations.

(a) Recommended for Special Day School	...	14
(b) Referred to Occupation Centre or Institution	13	—27

- (2) Found to be dull and backward :

(a) Referred to a special class	...	...	16
(b) Further trial in ordinary class	...	...	10
(c) To attend St. Giles because of physical defect	2	—28	

(3) Referred to Child Guidance Clinic	...	...	2
			— 2
			—
			57
			—

ORTHOPAEDIC DEPARTMENT.

The arrangements are the same as in 1941.

Summary of Cases Attending the Orthopaedic Clinic.

Jan. 1st, 1942.			New Cases, 1942.			Cases Discharged, 1942.			Cases on books, Dec. 31st, 1942.		
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.
132	164	73	119	158	22	94	158	14	157	164	81
369†			299			266			402		

† 106 Evacuated.

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 ...	18	47	3	9	—	—	21	56
Curvature or Postural Defects	34	78	—	—	—	—	34	78
Pes Cavus	5	8	—	—	—	—	5	8
Pes Planus	102	286	27	74	—	—	129	360
Genu Valgum	28	48	79	219	—	—	107	267
Talipes	23	47	18	47	—	—	41	94
Obstetrical Paralysis ...	3	4	3	10	—	—	6	14
Joint Diseases... ..	14	34	2	3	{ 48A 10s 1M	{ 124A 21s 1M	75	183
Injuries	3	7	4	10				
Rickets	1	1	7	13	—	—	8	14
Wry Neck	6	7	1	1	—	—	7	8
Spastic Paraplegia ...	17	24	7	14	—	—	24	38
Congenital dislocation of the Hip	4	9	6	20	—	—	10	29
Other deformities ...	54	83	46	71	—	—	100	154
	312	683	203	491	59	146	574	1320

Summarised, the Table shows 312 school children attended and made 683 attendances. 203 babies made 491 attendances, and 59 Tuberculosis cases made 146 attendances; a total of 574 cases, making 1,320 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 ...	4	21	2	—	—	—	—	—	—	4	21	2
Curvature or postural ...	18	236	2	—	—	—	—	—	—	18	236	2
Pes cavus ...	1	7	—	—	—	—	—	—	—	1	7	—
Pes planus ...	5	46	—	—	—	—	—	—	—	5	46	—
Genu Valgum ...	1	—	1	—	—	—	—	—	—	1	—	1
Talipes ...	2	32	—	3	37	—	—	—	—	5	69	—
Bone and Joint Disease ...	9	7	8	2	—	2	38	66	47	49	73	57
Injuries ...	1	—	1	1	—	1	—	—	—	2	—	2
Rickets ...	—	—	—	—	—	—	—	—	—	—	—	—
Wry Neck ...	—	—	—	—	—	—	—	—	—	—	—	—
Spastic Paraplegia ...	1	8	—	—	—	—	—	—	—	1	8	—
Congenital Dislocation of the Hip.	3	—	3	4	7	9	—	—	—	7	7	12
Other Deformities ...	7	—	7	5	1	4	—	—	—	12	1	11
	52	357	24	15	45	16	38	66	47	105	408	87

Cases sent to Residential Institutions.

Name of Institution.	School Cases.			M. & C.W. Cases			Tuberculosis Cases.			Total.			
	No. in on 1st Jan., 1942	Admitted	Discharged.	No. in on 1st Jan., 1942	Admitted.	Discharged.	No. in on 1st Jan., 1942	Admitted.	Discharged.	No. in on 1st Jan. 1942	Admitted.	Discharged.	No. in on 1st Jan., 1943
Pyrford	1	—	1	—	—	—	5s 3A	1s —	5s 1A	9	1	7	3
Croydon Gen. Hosp.	—	6	6	—	3	2	—	—	—	—	9	8	1
Heritage Craft Schls.	1	—	—	—	—	—	1s (	— 1M	— —	2	1	—	3
Pinner	—	—	—	1	—	1	—	—	—	1	—	1	—
Lord Mayor Treloar Hosp.	—	—	—	—	—	—	1M	—	—	1	—	—	1
Royal Sea-bathing Hosp.	—	—	—	—	—	—	3A	—	1A	3	—	1	2
Birchington	—	—	—	—	—	—	—	—	—	—	—	—	—
Queen Mary's Hosp.	1	—	1	—	—	—	2s	—	1s	3	—	2	1
Royal Nat. Orth. Hosp	—	—	—	—	—	—	—	3A	2A	—	3	2	1
Mayday Hosp. ...	—	3	3	—	4	4	— (3A	1M 10A	1M 12A	3	18	20	1
	3	9	11	1	7	7	18	16	23	22	32	41	13

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

Condition.	In on 1st Jan. 1942	Admitted or transferred.	Discharged.			I.S.Q.	Died.	In on 1st Jan. 1943
			Ar-rested.	Quies-cent.	Im-proved.			
Infantile Paralysis ...	—	—	—	—	—	—	—	—
Tubercular Joint Disease	18	16	5	4	5	6	3	11
Congenital Hip Disease	1	2	—	—	3	—	—	—
Hemiplghia	—	1	—	—	1	—	—	—
Genu Valgum	—	1	—	—	1	—	—	—
Pes Planus	—	2	—	—	2	—	—	—
Talipes	1	6	—	—	6	—	—	1
Rickets	—	1	—	—	1	—	—	—
Other Deformities ...	—	2	—	—	1	1	—	—
Spastic Paraplegia ...	—	—	—	—	—	—	—	—
Scoliosis	—	—	—	—	—	—	—	—
Osteomyelitis	2	1	—	2	—	—	—	1
	22	32	5	6	20	7	3	13

The percentage of arrested cases was 12 per cent.; quiescent cases 14.6 per cent.; and 48.8 per cent. were "improved."

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TABLE I

AGES AT WHICH BLINDNESS OCCURRED.

Children of School Age.

Training and Employment.

OCCUPATIONS OF EMPLOYED BLIND PERSONS

(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.
1	4	5	3	4	7	(i) 6 (ii) 1	(i) 2 (ii) 1	8 2	1	—	1	—	1	1	—	—	—	—	—	—	11	11	22	—	1	1	1	3	4	4	13	17

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, and any circumstances in their reports justifying further investigation are followed up.

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

Number of Blind on Register	429
Number of Blind who benefit from instruction in Braille or Moon type (including those who already read)	90
Number of Blind who benefit from part-time instruction	48
Number in remunerative handicrafts—	
(a) Home worker	38
(b) In workshops	10
(c) St. Dunstan's	6
(d) Workers not included in scheme	20
Home Teacher	1

The Health Visitors paid 467 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.

SANITARY CIRCUMSTANCES.

To the Medical Officer of Health.

I beg to submit in accordance with the Sanitary Officers' Order, 1922, a report for the year ending 31st December, 1942, of the work carried out by the Sanitary Inspectors and other officers under my supervision.

ROBERT J. JACKSON,
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)	2,043
Number of houses inspected under the Housing (Consolidated Regulations), 1925	—
Number of houses inspected under the Rent Restriction Acts ...	35
Number of houses inspected where zymotic diseases have occurred...	384
House drains tested with smoke (primary)	870
House drains tested with smoke (on application)	35
Number of smoke tests during repair	160
Inspection of drainage work during construction	5,435
Number of water tests during repair	350
Final tests of drains after repair	70
Final tests of drains when completely relaid	20
Length of new drains tested yards	1,510
Inspection of yards, stables and manure pits	1,301
" passages	699
" public conveniences	720
" pigstyes	502
" tents, vans and similar structures	4
" theatres, cinemas, halls, etc.	120
" ponds and ditches and static water tanks	235
" schools and school lavatories	78
" common lodging-houses	31
" houses let in lodgings	3
" premises where offensive trades are conducted	24
" gipsy encampments, camps, fairs, etc.	55
" cesspools	4
" pail closets, privies	6
" gathering grounds	103
Food Control—Visits concerning price lists and orders	1,556
" Visits regarding complaints of shortages	111
" Visits regarding complaints of overcharging	108
" Miscellaneous visits and retail licence applications	3,081
A.R.P.—Inspections concerning measures for protection against gas contamination	1,157
" Miscellaneous inspections and reinspections after air raids	2,695
" Inspections of posts and centres	1,528
" Inspections of damaged houses	759
" Inspections of damaged food shops	85
Smoke observations	119
Number of visits re Infectious Diseases	850
Inspections of Shops (under Shops Acts)	3,640
Special Early Closing Patrols	200

Sunday Patrols	2
Special Evening Patrols (under Shop Hours Act)	8
Inspections under Fertilisers and Feeding Stuffs Act	8
" under Pharmacy and Poisons Act	672
" Dairies	207
" Farms and cowsheds	189
" Milkshops	150
" Premises where food is prepared or sold	8,563
" Slaughterhouses	110
" Factories without mechanical power	470
" Factories with mechanical power	1,410
" Workplaces, Public Health Act	1,090
" Outworkers' premises	210
Visits re Young Persons Employment Act	22
Water samples examined	58
Visits to Employers of Outworkers	35
Reinspections of work in progress	21,722
Sundry inspections and visits	5,002
Appointments kept with owners, builders, etc.	3,100
Complaints from public investigated (for purposes other than inspection of house)	7,560
Examination of building plans	70
Informal notices outstanding 31-12-41	446
Informal notices served	4,996
Informal notices complied	3,911
Number of Informal Notices referred for Statutory Orders	326
Informal notices outstanding	1,203
Statutory notices outstanding 31-12-41	119
Statutory notices served	650
Statutory notices complied	501
Total number of complaints received	2,920
Interviews with callers	3,014
Letters received	4,222
Letters and other intimations, etc., sent (not including notices)	2,031

Nuisances, Infringements of Acts, Byelaws, Regulations or Orders, ascertained by the Sanitary Inspectors during the year 1942 and for which action was taken to enforce compliance :—

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

Insufficient means of ventilation :	
Defective windows and sashcords	140
Want of windows or ventilators	25
Conditions causing dampness :	
Defective roofs	292
Defective walls, etc.	122
Want of proper damp-proof course	12
Defective gutters and downspouts	161
Other structural defects :	
Defective plaster	246
Cleansing and limewashing required	146
Defective floors	105
Insufficient ventilation under floor	9
Defective brickwork, cills, lintels, etc.	53
Defective stoves and fireplaces	126

Defective drains, sanitary fittings, etc.:	
Defective sinks and waste pipes	90
Abolition of drinking water cisterns	5
Defective w.c.'s	350
Defective drainage	344
Stoppage in drains	130
Domestic nuisances:	
Want of cleanliness	16
Dirty w.c. pans	18
Other nuisances and infringements:	
Offensive accumulations	65
Insufficient accommodation for sub-tenants	5
Defective manure receptacles	2
Want of manure receptacles	1
Dirty or defective sanitary conveniences	12
Smoke nuisances	2
Sundry nuisances or defects	196
Limewashing of stables	6
Particulars not inserted in Rent Book (Housing Act) ...	22
" " " (Rent Restriction Act) ...	14
(2) FACTORIES AND WORKPLACES.	
Want of cleanliness	23
Inadequate ventilation	6
Insufficient drainage of floors	1
Abstract not exhibited	7
Thermometers required	11
Unreasonable temperature	4
Sundry nuisances or defects	26
W.C.'s—Insufficient	10
" Unsuitable or defective	68
" Not separate for sexes	5
(3) INFRINGEMENTS OF CROYDON CORPORATION ACT, 1924.	
Food cupboards defective or required	5
Dustbins required	334
Verminous conditions	75
(4) INFRINGEMENTS OF FOOD AND DRUGS ACT, 1938, AND FOOD BYELAWS.	
Cleansing or repair of walls and ceilings	55
Cleansing or repair of floors, utensils, fixtures, etc. ...	21
Dirty or defective w.c. accommodation	28
Food storage accommodation required	5
Animals kept in food store	5
Refuse bins uncovered	4
Accumulation in food store and yards adjacent	51
Food in uncovered vehicles or baskets	1
Premises not suitable for storage or manufacture of food ...	5
Want of provision of towels	5
Provision of cloakroom accommodation	4
Want of intervening ventilated space to w.c.	1
Insufficient or defective sink accommodation and water supply	2
Drain inlet in food store	1
Ventilation required in food store	1
Household washing in food store	1
Swill bins defective	1
Food stored in intervening ventilated space of w.c. ...	1

(5) INFRINGEMENTS OF PUBLIC HEALTH ACT, PAVING, ETC.	
Defective Yard Paving	48
(6) INFRINGEMENTS OF SHOPS ACT.	
Insufficient or defective w.c. accommodation	16
Reasonable temperature required	3
Provision of means of heating	4
Unsuitable or insufficient washing facilities	1
Insufficient accommodation for assistants' meals	5
Seating accommodation required for females	4
Infringement in hours of employment	1
(7) INFRINGEMENTS OF COMMON LODGING BYELAWS	—
(8) INFRINGEMENTS OF HOUSES LET IN LODGINGS BYELAWS.	
Defective windows and sashcords	3
Want of artificial lighting to common staircase	1
Cleansing required	5
Defective w.c. floors	2
Defective w.c. windows	3
(9) INSPECTION OF AMUSEMENT HOUSES.	
Defective sanitary fittings	7
W.C. defective and dirty	6
(10) KEEPING OF ANIMALS.	
Nuisances in connection with the keeping of pigs	22
Nuisances arising from the keeping of other animals	6
(11) INSPECTION OF WATERCOURSES, etc.	
Cleansing of watercourses and ponds	2
(12) INFRINGEMENTS OF PHARMACY AND POISONS, Etc., ACT.	
Article not labelled in accordance with the Act	10
(13) INFRINGEMENTS OF RAT AND MICE DESTRUCTION ACT.	
Infestation of rats on premises where food is prepared or sold	24
Accumulations of refuse, etc., harbouring rats	23
Structural defects allowing ingress of rats into dwelling houses	88
Dilapidated sheds, etc., harbouring rats	34
Rats in business premises	14
Rats in piggeries	2
(14) INFRINGEMENTS OF OTHER BYELAWS.	
Noisy animals	3
(15) INFRINGEMENTS OF MILK AND DAIRIES REGULATIONS, Etc.	
Defective paving	1

Sanitary Certificates.

During 1942 requests were made in connection with 3 houses.

Rent Restriction Acts.

A number of applications were received for certificates as to the condition of repair of the houses concerned. In 15 instances where the Acts applied certificates were granted.

HOUSING.

Individual Unfit Houses.

In the Five-Year Plan it was estimated that some 150 individual unfit houses were subject to be dealt with in the Borough. A revised estimate now brings the total to 247. Up to the end of 1942, 216 houses have been approved for demolition and Demolition Orders had been made; 185 houses had been actually demolished, the tenants being re-housed when they desired, by the Council. 719 persons were displaced. Twenty-three houses have been demolished through informal action, 26 persons being displaced. In addition, 94 Closing Orders have been made and 91 parts of houses closed for human habitation, 236 persons being displaced.

The following tables give particulars as to housing during 1942 under the headings prescribed by the Ministry of Health :—

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) ...	1,093
(b) Number of inspections made for the purpose ...	1,093
(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 ...	—
(4) Number of houses found to be in a state so dangerous and injurious to health as to be unfit for human habitation ...	2
(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 ...	1,093

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 ...	473
---	-----

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	252
(2) Number of dwelling houses which were rendered fit after service of formal notices—	
(a) By owners	114
(b) By local authority in default of owners ...	16

B.—Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	13
(2) Number of dwelling houses in which defects were remedied after service of formal notices :—	
(a) By owners	10
(b) By local authority in default of owners ...	—

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
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	5

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	—

FACTORIES ACT, 1937.

The new Factories Act came into force on July 1st, 1938. This caused considerable alterations of an additional character in regard to the work. The word “workshop” has now been left out, and all places where persons are employed are now factories.

FACTORIES.

Inspection.

Premises.	Number of		
	Inspections.	Written Notices.	Prosecutions.
Factories :—			
With Mechanical Power	1410	55	—
Without Mechanical Power	470	30	—
Other Premises under the Act ...	1090	13	—
Total	2970	98	—

Defects Found.

Particulars.	Number of Defects.		Referred to H.M. Inspector.	Prosecutions.
	Found.	Remedied.		
Want of Cleanliness	5	5	—	—
Ineffective Drainage of Floors ...	1	1	—	—
Sanitary Conveniences.				
Insufficient	8	8	—	—
Unsuitable or Defective ...	17	16	—	—
Not Separate for Sexes ...	10	10	—	—
Total	41	40	—	—

FACTORIES.

Mechanical	990
Non-Mechanical	497
Public Health Workplaces ...	797

OTHER PREMISES UNDER THE ACT.

Employers of Outworkers ...	40
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Bakehouses.

The control of Bakehouses is dealt with under the Factories Act, the Food and Drugs Act and Public Health Acts, Croydon Corporation Act, 1924, and Cleanliness of Food Byelaws. For details of Croydon Corporation Act, see under Food Inspection.

No. of Bakehouses on Register, 31st December, 1942	83
No. of Bakehouses (underground) (included in above)	3
Visits made to Bakehouses during the year	202
Defects found	17
Notices issued and complied with	15

Home Work.

Lists of home workers are sent in twice yearly, and last year contained the names of 154 workers residing within the Borough. 210 visits were paid to outworkers and 35 visits were paid to premises of employers of outworkers to examine lists and for other purposes.

Nature of Employment of Workers on the Register, 31st December, 1941

Nature of Work.	Number Employed.	Outwork in Infected Premises.	Outwork in Unsatisfactory Premises.	Remarks.
Making, Cleaning, Altering and Repairing, Wearing Apparel	134	—	—	—
Upholstery Work	6	—	—	—
Lace Goods	—	—	—	—
Other Classes of Work	4	—	—	—
Total	144	—	—	—

Registered and Licensed Premises in the Borough, 31st December, 1942.

Slaughterhouses (not including Public)	...	...	1
Bakehouses ... ..	...	...	83
Houses Let in Lodgings	...	...	28
Dairies and Milkshops	...	...	207
Cowsheds ... ..	...	...	6
Offensive Trades	...	...	27
Wholesale Dealers in Margarine, etc.	...	...	37
Premises registered under Artificial Cream Act, 1929	...	...	—
Premises registered for Preparation or Manufacture of Potted, Pressed, Pickled or Preserved Meat, Fish or other Food intended for the purpose of sale for human food	...	...	141
Premises registered for Preparation or Sale of Ice Cream	...	...	316*

(*Discontinued
Sept., 1942)

Inspection of Offices—Public Health Act.

During 1942, 136 inspections of offices were carried out. This is a new branch of the work necessitated by the Public Health Act. A number of defects were found, including lack of sanitary accommodation for the sexes, cleansing of sanitary arrangements, redecorations required.

SHOP ACTS.

The Shop Acts, 1934, contains provisions for dealing with health and comfort of persons employed and also regarding ventilation, temperature, sanitary conveniences, washing facilities and the facilities for taking meals in shops.

The Shops (Sunday Trading Restriction) Act, 1936, restricts the sale of certain goods on Sunday, deals with hours which the assistants have to work and introduces new requirements.

The Retail Meat Dealers' Shops (Sunday Closing) Act, 1936, prohibits the sale of meat on Sundays, with certain exceptions.

The Young Persons Employment Act, 1938, regulates the hours of employment of persons under the age of eighteen employed in certain occupations.

All the matters mentioned above are an advance on previous legislation, and have entailed a considerable amount of extra work on the staff in order to see that the requirements were carried out.

1,070 inspections were made and a number of infringements were found as set out.

COMMON LODGING HOUSES.

Municipal Lodging House.

The Municipal Lodging House (built by the Corporation owing to displacement of private common lodging houses due to the improvement scheme) is situated at Pitlake, and contains 101 cubicle beds for nightly letting to lodgers. In addition, there are three cubicles allotted to members of the Municipal Lodging House staff, making a total of 104 cubicles on the premises. The charge per night to lodgers is 1s., the cost of a weekly ticket is 6s. for the seven nights.

The number of men accommodated during the year was 22,877. The number of men lodgers exceeded 62 per night throughout the year. The receipts and expenditure for the last ten years are as follows:—

		Receipts.			Expenditure.		
		£	s.	d.	£	s.	d.
1933	...	1,437	2	6	...	1,544	7 10
1934	...	1,469	16	1	...	1,695	8 9
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

HOUSES LET IN LODGINGS.

There are 28 houses registered under the Byelaws.

3 visits were made for inspection purposes.

2 notices were served for various amendments.

2 notices were complied with.

The following table gives the situation of these premises :—

Road.	Number of Houses Let in Lodgings.
Forster Road	8
Wilford Road	16
Clyde Road	4

Notices were served for the conditions and defects found.

OFFENSIVE TRADES.

Byelaws relating to Offensive Trades were adopted during the latter part of the year 1925.

24 inspections were made of premises where such trades were carried on and notices issued requiring amendments in accordance with the Byelaws.

The following are on the Register :—

Rag and Bone Dealers	24
Gut Scrapers	2
Rabbit Skin Drier	1
	—
	27
	—

RAG FLOCK ACTS, 1911 and 1928.

Four samples were obtained and subjected to analysis, the results being as follows :—

Number 1 contained 6 parts of Chlorine per 100,000

„ 2 „ 12 „ „ „ „
„ 3 „ 18 „ „ „ „
„ 4 „ 22 „ „ „ „

The 4 samples conformed to the standard of cleanliness prescribed under the Rag Flock Regulations, 1912, made under the Rag Flock Act, 1911. The legal maximum of chlorine allowed is 30 parts per 100,000.

SMOKE OBSERVATIONS.

During the year 119 observations were made of factory chimneys for the purpose of detecting offences under the Act. Notices were sent and amendments carried out to stop the nuisance.

AMUSEMENT HOUSES.

120 visits were made to Theatres, Music Halls, Cinemas and premises where stage plays are given. Attention was given to the ventilation of the halls, sanitary conveniences, structure and cleanliness of the dressing rooms.

A report is submitted to the Licencing Authorities annually. Notices were issued for the conditions and defects found.

KEEPING OF ANIMALS.

512 inspections were made in connection with the keeping of animals. There were 64 premises, including institutions, where pigs were known to be kept in the Borough.

74 notices were served to abate nuisances arising from various causes in connection with the keeping of pigs, and 10 notices were served to abate nuisances in connection with the keeping of other animals.

BYE-LAW—NUISANCES FROM DOGS.

In connection with the fouling of footpaths by dogs a number of warnings have been given.

NOISY ANIMALS BYE-LAW.

Action was taken in 3 instances and the nuisance was abated.

SCHOOLS.

78 inspections of schools and school lavatories were made during 1942.

The water supply in all cases is from the mains.

INSPECTION OF WATERCOURSES, Etc.

During the year 235 visits were made to ditches, water-courses, static tanks, etc., in order to see whether there were any infringements of the several Acts, etc.

PHARMACY AND POISONS ACT, 1933.

The Act consolidates the Poisons and Pharmacy Acts from the year 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 the entry of names on the List of Persons entitled to sell Poisons under Part II. of this Act was 14, and application was made and granted for entry into the list of names of 21 deputies. In addition, 216 applications were made for the retention of names on the list for a further period of twelve months.

10 infringements of the Act were found.

FERTILISERS AND FEEDING STUFFS ACT, 1926.

Inspection of premises where fertilisers and feeding stuffs were sold were carried out during the year, and no infringement of the Act was found.

DISINFECTION.

The Borough Disinfecting Station is situated at Factory Lane.

Two steam disinfectors are in use and are supplied with steam from the refuse destructor.

A Cleansing Station, consisting of reception rooms, four baths and discharge room, is attached to the Disinfecting Station and is used for dealing with verminous conditions in children and adults. A woman attendant deals with school children and women.

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

By Steam	...	...	...	84,353 articles
By Formalin Gas	...	...	...	2,474 „
By Formalin Spray	...	...	...	5,978 „
				<hr/>
				92,805 „
				<hr/>

In addition, 143 articles were destroyed on request.

Disinfection after infectious or contagious disease was carried out in :

1,713 rooms at 1,322 houses
59 hospital wards
79 hospital clinic and creche rooms
9 vehicles
1 hut
2,572 library and 538 other books
9 police stations
9 gas masks.

Disinfecting of bedding and other upholstered goods is carried out for traders, who deliver to and collect articles from the station. For this service a charge is made.

During 1942, 9,767 such articles were disinfected, the receipts for this work amounting to £147 16s. 6d.

DISINFESTATION.

In addition to the above services disinfection has been carried out for various services, such as report centres, casualty services, engineers' centres, fire services, etc., as follows :—

Blankets ...	4,944	Bolsters ...	3
Pillows ...	195	Quilts ...	4
Mattresses ...	556	Rugs... ...	1
Cushions ...	13	Other articles	27
Beds	8		

Bedding is treated by steam disinfection and delivered in a second van to the premises.

A number of notifications were received from contractors who have been employed by the Estates Department, etc., to carry out cyanide disinfestation of houses. While the process was being carried out the premises were kept under observation by the Inspector. At the conclusion a certificate is issued by the firm stating that the premises were free from cyanide gas.

DISINFESTATION OF HOUSES (OTHER THAN OF CONTENTS) FOR BED BUGS, Etc.

Houses are disinfected by means of sulphur and spraying with various types of vermicides.

Number of private houses disinfected by owner or tenants 86

CLEANSING OF VERMINOUS PERSONS, Etc.

During the year 28 adults and 138 children were cleansed for verminous conditions, and 686 adults and 1,114 children for scabies.

RATS AND MICE DESTRUCTION.

Wherever rats are found advice is given to the persons concerned, and in the event of no action being taken by the occupier notices are served and followed up. The number of visits made during 1942 was 5,376.

DECONTAMINATION OF CIVILIAN CLOTHING AFFECTED WITH WAR GASES.

The Chief Sanitary Inspector is the appointed officer. Arrangements have been made with six large laundries.

47 laundry workers have been trained in decontamination measures.

DECONTAMINATION OF FOODS AFFECTED WITH WAR GASES.

The Chief Sanitary Inspector is the appointed officer. He is assisted by 13 Inspectors and 3 Assistants, who have been trained in decontamination measures. In addition, there are 49 trained Food Treatment Volunteers who assist the staff in the event of enemy gas attacks. Six depots have been established and equipped for the treatment of gas contaminated foodstuffs.

FOOD SUPPLY.

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

The Public Slaughterhouses are under the control of the Superintendent, who also acts under the supervision of the Chief Sanitary Inspector.

During the year there were 266 animals slaughtered for human consumption.

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

General Shops	...	...	...	...	...	204
Grocers and Provision Shops	...	...	...	...	...	691
Greengrocers and Fruiterers	...	...	...	...	...	607
Confectioners, Bakers and Pie Makers	...	...	...	...	...	714

Ice-cream Shops	356*
Hotel and Restaurant Kitchens and Dining Rooms	429
Butchers	255
Fishmongers (including Fried Fish Shops) ...	154
Other Food Premises*	131
Ham and Beef Shops	65
Sweet Manufacturers	9
	<hr/>
	3,615
	<hr/>

(*Discontinued
Sept., 1942)

In addition to the premises in the above table, there are the following food premises, referred to in other paragraphs of this report—Slaughterhouses and Dairies, Cowsheds and Milkshops, on the registers. Further, there are a large number of stalls and barrows used for food purposes in different areas in the Borough and forming street markets. There are also barrows and other vehicles which are used by hawkers, etc., for the selling of food-stuffs, but it is difficult to estimate the actual number in use, as this varies daily. All these barrows and vehicles, wherever found, are inspected by the Food Inspectors.

FOOD CONTROL—ENFORCEMENT.

The Ministry of Food contribute the sum of £600 per annum for work carried out by the Sanitary Inspectors on their behalf, the Chief Sanitary Inspector being the Chief Food Control Enforcement Officer.

The above was discontinued owing to the shortage of Inspectorial Staff from the 31st March, 1942.

During the three months the Sanitary Inspectors have carried out the undermentioned visits :—

Visits regarding the exhibition of price lists and to advise re Price Control Orders	1,520
Visits regarding complaints of shortages	111
Visits regarding complaints of overcharges, etc. ...	108
Miscellaneous Visits, including visits regarding applications for Retail Licences	3,081
	<hr/>
	4,820
	<hr/>

A number of prosecutions were instituted by the Food Enforcement Sub-Committee.

PUBLIC SLAUGHTERHOUSES, PITLAKE, AND MEAT INSPECTION.

These Slaughterhouses, although the buildings were not originally intended for such, comprise twelve slaughterhouses with lairage attached. In addition, a gut cleaning firm utilises one building on the premises. Of the twelve slaughterhouses, nine with lairage attached were let on agreement to tenant butchers, and the remainder were used for public slaughtering, for which head rate tolls are charged.

The above slaughterhouses were taken over by the Ministry of Food early in 1940, and were closed down at the end of March, 1942, owing to centralisation of slaughtering.

The following animals were slaughtered at the Public Slaughterhouses during 1942 :—

Pitlake.

Cattle.	Calves	Sheep.	Pigs.	Total.
107	13	3	143	266

The whole of the meat and offal is examined before it leaves the premises.

The following meat and offal from the Public Slaughterhouses was condemned and disposed of as salvage by the Ministry of Food during the year 1942 :—

<i>Description.</i>				<i>Causes.</i>
2	beef	forequarters	...	Localised tuberculosis.
1	„	parts	...	„
1	„	offal, complete	...	Tuberculosis.
23	sets	beef lungs	...	Localised tuberculosis.
8	beef	heads	...	„
14	„	beef various offals	...	„
1	„	head	...	Actinomycosis.
1	„	carcase and offal	...	Putrefaction.
2	„	various parts	...	Inflammatory, etc.
16	„	various offals	...	Inflammatory conditions, etc.
1	pig	carcase and offal	...	General tuberculosis.
2	„	heads	...	Localised tuberculosis.
1	„	liver	...	Cirrhosis.
1	„	carcase and offal	...	Moribund.

Total weight : 1,977 lbs.

PRIVATE SLAUGHTERHOUSES AND MEAT INSPECTION.

Control by the Ministry of Food and centralised slaughtering came into force early in 1940, with the result that private slaughterhouses were closed down. After the Public Slaughter-

houses were closed arrangements were made for one of the Private Slaughterhouses to deal with casualties and pigs which were allowed to be slaughtered by the Ministry of Food. These arose from cottagers' pigs, Pig Clubs, etc. During 1942 the following animals were slaughtered at this Private Slaughterhouse :—

Goats.	Pigs.	Total.
68 ...	181 ...	249

Summary of Whole Carcases Condemned with the Reasons for such Condemnation.

Class of Animal.	Tuberculosis	Mould.	Unsound.	Total Carcases.
Cattle 	—	—	1	1
Calves 	—	—	—	—
Sheep 	—	3	—	3
Pigs 	1	—	1	2
Totals 	1	3	2	6

Carcases Inspected and Condemned.

	Cattle.	Calves.	Sheep and Goats.	Pigs.
Number killed 	107	13	71	324
Number inspected 	107	13	71	324
All Diseases Except Tuberculosis.				
Whole Carcases Condemned ...	1	—	—	1
Carcases of which some part or organ was condemned ...	13	—	—	5
Percentage of the number inspected affected with disease other than Tuberculosis ...	13.1	—	—	1.8
Tuberculosis Only.				
Whole Carcases Condemned ...	—	—	—	1
Carcases of which some part or organ was condemned ...	23	—	—	3
Percentage of the number inspected affected with Tuberculosis 	21.5	—	—	1.2

General Food Inspection.

The following table gives a summary of the inspections made during the year (not including visits made to slaughterhouses or dairies, cowsheds and milkshops):—

Butchers	2,629	Confectioners' Premises	774
Fishmongers	242	Markets	1,150
Fried Fish Shops	241	Hawkers' Carts & Barrows	275
Grocers	2,479	Hotel and other Kitchens,	
Greengrocers	982	etc.	781
Poultry & Game Dealers.	102	Ice Cream Manufacturers	
Cooked & Prepared Meat		and Vendors	165
Shops	295	General Shops	318
Bakers' Premises	396	Other premises	162
Total : 10,991.			

GOVERNMENT MEAT DEPOT.

All meat supplied to the traders in Croydon passes through the above Depot. Examination is carried out by an Inspector, who is practically engaged full time on this part of the work.

The following articles of food derived from all sources were found to be unfit for human consumption and disposed of during 1942 :—

48 beef parts and trimmings	Unsound
153 lbs. beef offals (various)	"
7 lbs. veal parts	"
44 lbs. mutton parts	"
3 mutton carcasses	"
64 lbs. mutton offals (various)	"
25 lbs. pigs' offals (various)	"
12 lbs. pork parts	"
5,703 lbs. haddock, cod, etc.	"
1,882 lbs. rabbits	"
6,299 tins, etc., peas, plums, pineapple, etc.	"
1,324 tins sardines, herrings, etc.	"
10,860 tins milk	"
2,320 tins luncheon and sausage meat, etc.	"
19,505 lbs. oats, potatoes, onions, etc.	"
833 lbs. flour, cereals, etc.	"
778 lbs. sausage, bacon, pies, etc.	"
1,450 eggs	"
241 lbs. cheese	"
494 lbs. biscuits	"

Total weight : 57,390½ lbs.

General Summary of Meat and Other Articles Disposed of during the Year, 1942.

Articles.	Weight in lbs.			Remarks.
	Diseased.	Unsound.	Total.	
Beef	536	1810½	2346½	Including 1 carcase.
Veal	—	11	11	—
Mutton	8	186	194	„ 3 carcasses.
Pork	149	148½	297½	„ 2 „
Offal	1188½	227½	1416	„ imported offal.
Fish	—	5703	5703	Mackerel, Cod, etc.
Fruit and Vegetables	—	19505¼	19505¼	Oats, Onions, etc.
Tinned Goods ...	—	25451	25451	20,406 tins, 397 jars, etc.
Sundries	—	4443	4443	Rabbits, Biscuits, etc.
	1881½	57486¼	59367¾	

Disposal of Condemned Foodstuffs.

- | | |
|--|--|
| (1) Government Slaughterhouse,
Pitlake. | } Condemned foodstuff is
dealt with by the
Ministry of Food. |
| (2) Government Meat Depot | |

(3) *General Food Inspection*.—Articles of food which have been damaged through enemy air raids are dealt with through the Salvage Officer, Ministry of Food. Any other condemned foodstuffs which can be safely converted to any other purpose are dealt with by firms specialising in this work.

MILK.

Enquiries show that approximately 18,525 gallons of milk are sold daily in the Borough. Of this amount 96.2 per cent. is bottled, 3.8 per cent. is loose, which is sold wholesale. These figures are interesting in view of the fact that at one time the whole of the milk sold was distributed loose.

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 premises on the register :—

Cowkeepers on register (1941)	...	...	...	6
„ added to the register (1942)	...	...	...	—
„ discontinued	...	...	...	—
			Net	6
Cowsheds on register (1941)	...	...	...	6
„ added to register (1942)	...	...	...	—
„ discontinued	...	...	...	—
			Net	6
Number of cows provided for	...	...	...	143
Average number of cows in sheds (1941)	...	...	...	130
Number of dairies and purveyors of milk on the register (1941)	...	...	...	234
Number of dairies and purveyors of milk added to register (1942)	...	...	...	—
Number of dairies and purveyors of milk discontinued (1942)	...	...	...	17
			Net	207
Grand total of Cowsheds, Dairies and Purveyors of Milk on register 31st December, 1942	...	...	...	213

During the year 552 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 "Accredited"	3
---	-----	-----	-----	-----	---

(2) Dealers' Licences to use the designation
"Tuberculin Tested"—

(a) Bottling establishments	...	—
(b) Shops	... ..	11

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

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

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

(a) Pasteurising establishments	...	2
(b) Shops	... ..	30

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

(a) Tuberculin-Tested	... ..	2
(b) Accredited	... ..	—
(c) Pasteurised	... ..	2

Inspection of these licenced premises has been carried out regularly 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 country producers supplying milk to licenced local dairymen	1
---	--------	---

Accredited Milk—

Licenced local producers supplying milk to a licenced dairyman	62
---	--------	----

Pasteurised Milk—

Samples from licenced dealers	186
-------------------------------	--------	-----

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

Accredited Milk.

Licences granted under the Milk (special Designations) Order 1936.	Present.	Absent.	Present in 1/100 M.I.	Absent.	Present.	Absent.	Present.	Absent.	Exceeding a trace.	Not exceeding a trace.	Satisfied.	Not satisfied.
Tubercle bacillus ...	—	62	—	47	—	—	—	—	—	—	—	—
Bacillus Coli ...	—	—	15	—	—	—	—	—	—	—	—	—
Blood ...	—	—	—	—	—	62	—	—	—	—	—	—
Pus ...	—	—	—	—	—	—	—	62	—	—	—	—
Detritus ...	—	—	—	—	—	—	—	—	—	62	—	—
Methylene Blue Test ...	—	—	—	—	—	—	—	—	—	—	32	30
Totals ...	—	62	15	47	—	62	—	62	—	62	32	30

The following tables summarise the result of the bacteriological examinations of Pasteurised Milk Samples during the year :—

Pasteurised Milk.

Licences granted under the milk (Specialised Designations) Order, 1936.	Present.	Absent.	Over 100,000 per M.I.	Under 100,000 per M.I.	Present.	Absent.	Present.	Absent.	Present.	Absent.
Tubercle bacillus ...	—	186	—	—	—	—	—	—	—	—
Total number of bacteria...	—	—	57	129	—	—	—	—	—	—
Blood ...	—	—	—	—	—	186	—	—	—	—
Pus ...	—	—	—	—	—	—	—	186	—	—
Detritus ...	—	—	—	—	—	—	—	—	—	186
Totals ...	—	186	57	129	—	186	—	186	—	186

These 186 Pasteurised Milk samples contain bacteria per M.l as follows :—

Under 1,000	...	5
1,000—5,000	...	13
5,000—10,000	...	21
10,000—20,000	...	23
20,000—30,000	...	18
30,000—50,000	...	19
50,000—100,000	...	22
Over 100,000	...	65
	...	<hr/> 186 <hr/>

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

PROVISION AS TO MILK SUPPLY.

During the year 103 samples of ordinary milk were procured and submitted to examination for tuberculosis in accordance with the Milk and Dairies (Consolidation) Act, 1915. These samples were taken as follows :—

Samples taken at cowsheds in the Borough	...	16
Samples in course of delivery from country cowsheds to local dairymen and purveyors of milk in the Borough	... ..	8
Samples taken at dairymen's premises in the Borough		16
Samples taken in course of delivery by local dairymen or milk sellers on their rounds in different parts of the Borough	... ..	63
		<hr/> 103 <hr/>

The following table summarises the results of the bacteriological examination of Ordinary Milk samples, taken under the Milk and Dairies (Consolidation) Act, 1915, from 1st January—31st December, 1942 :—

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 ...	—	103	—	—	—	—	—	—	—	—	—	—
Total number of bacteria...	—	—	43	60	—	—	—	—	—	—	—	—
Blood	—	—	—	—	—	103	—	—	—	—	—	—
Pus	—	—	—	—	—	—	—	103	—	—	—	—
Detritus	—	—	—	—	—	—	—	—	—	103	—	—
Methylene Blue Test ...	—	—	—	—	—	—	—	—	—	—	81	22
Totals ...	—	103	43	60	—	103	—	103	—	103	81	22

The 103 samples taken under the Milk and Dairies (Consolidation) Act, 1915, were samples of milk which had been produced in the following areas :—

Areas.	No. obtained.	No. Tuberculosis.
Croydon	13	—
Kent	2	—
Surrey	—	—
Sussex	5	—
*Unclassified	83	—
Totals	103	—

*These samples could not be classified owing to the fact that it was mixed milk of large dairy firms or wholesale purveyors of milk, who obtain their milk from practically all the areas mentioned in the above table.

BACTERIOLOGICAL EXAMINATIONS OF ICE CREAM.

There were no samples taken during 1942.

FOOD AND DRUGS ACT, 1938.

During the year 253 samples of Milk and 520 other samples were taken,

Summary of Samples.

During 1942 samples were obtained and submitted to the Public Analyst as follows :—

Samples of	Total Samples	Genuine.	Not Genuine.	Prosecutions.	Conviction:	Cautions.
Milk	253	240	13	—	—	10
Ale	2	2	—	—	—	—
Arrowroot... ..	2	2	—	—	—	—
Aspirin Tablets	6	6	—	—	—	—
Bacon	1	1	—	—	—	—
Baking Powder	9	8	1	—	—	1
Beans in Tomato Sauce	2	2	—	—	—	—
Beer	3	3	—	—	—	—
Bicarbonate of Soda	4	3	1	—	—	—
Black Pudding	3	3	—	—	—	—
Blancmange Powder	2	2	—	—	—	—
Blancmange Pudding	1	1	—	—	—	—
Boric Acid Ointment	2	2	—	—	—	—
Brawn	8	4	4	—	—	—
Bread	5	5	—	—	—	—
Breakfast Sausage	2	2	—	—	—	—
Bun Flour	3	3	—	—	—	—
Bun and Cake Flour	1	1	—	—	—	—
Butter	2	2	—	—	—	—
Cake Flour	2	2	—	—	—	—
Cake Flour, sweetened	1	1	—	—	—	—
Cake Mixture	3	3	—	—	—	—
Cake Mixture, sweetened	3	3	—	—	—	—
Carrot Soup	1	1	—	—	—	—
Cheese	6	6	—	—	—	—
Chopped Carrots	1	1	—	—	—	—
Cocoa	13	13	—	—	—	—
Cod Liver Oil	2	2	—	—	—	—
Cod Liver Oil Emulsion, with hypophosphites of lime, potash and soda	1	1	—	—	—	—
Coffee	7	7	—	—	—	—
Coffee and Chicory	6	6	—	—	—	—
Coffee Essence	2	2	—	—	—	—
Coffee Essence with Chicory	1	1	—	—	—	—
Coffee with Chicory, sweetened	1	1	—	—	—	—
Coffee and Chicory Extract	1	1	—	—	—	—
Corn Flour	5	5	—	—	—	—
Compound Liquorice Powder	1	1	—	—	—	—
Compound Syrup of Figs	2	2	—	—	—	—
Compound Tincture Rhubarb	2	2	—	—	—	—
Confectionery	11	11	—	—	—	—
Confection of Senna	1	1	—	—	—	—
Cooking Fat	1	1	—	—	—	—
Cream Soda	1	1	—	—	—	—
Cream of Tartar	1	1	—	—	—	—
Custard Powder	15	14	1	—	—	1
Carried forward	402	382	20	—	—	12

Samples of	Total Samples	Genuine	Not Genuine	Prosecu- tions	Convic- tions	Cautions
Brought forward...	402	382	20	—	—	12
Custard Pudding Powder ...	1	—	1	—	—	—
Curry Powder ...	1	1	—	—	—	—
Dessert Powder ...	1	1	—	—	—	—
Dry Ginger Ale ...	1	1	—	—	—	—
Egg Substitute ...	5	5	—	—	—	—
Egg Substitute Powder...	4	4	—	—	—	—
Eggs, Dried ...	3	3	—	—	—	—
Essence of Almonds ...	2	2	—	—	—	—
Essence of Lemon ...	1	1	—	—	—	—
Essence of Vanilla ...	2	2	—	—	—	—
Faggot ...	1	1	—	—	—	—
Fish Cakes ...	2	2	—	—	—	—
Fish Cake Roll ...	2	2	—	—	—	—
Fish Paste ...	14	14	—	—	—	—
Fish Roe, prepared ...	1	1	—	—	—	—
Fish Roll ...	2	2	—	—	—	—
Fish Roll, spiced ...	1	1	—	—	—	—
Flour, Self Raising ...	10	10	—	—	—	—
Flour ...	2	2	—	—	—	—
Gin ...	4	4	—	—	—	—
Ginger Beer ...	3	3	—	—	—	—
Ginger Pudding Mixture ...	1	1	—	—	—	—
" Glusac " ...	1	—	1	1	1	—
Golden Syrup ...	1	1	—	—	—	—
Grape Fruit ...	1	1	—	—	—	—
Grape Fruit Squash ...	1	1	—	—	—	—
Gravy Powder ...	1	1	—	—	—	—
Ground Cinnamon ...	3	3	—	—	—	—
Ground Ginger ...	8	8	—	—	—	—
Ground Nutmeg ...	2	2	—	—	—	—
Ground Rice ...	7	7	—	—	—	—
Ground Rice Pudding ...	1	1	—	—	—	—
Honey ...	3	3	—	—	—	—
Jam ...	8	7	1	—	—	—
Junket, Powder, sweetened ...	1	1	—	—	—	—
Lard ...	3	3	—	—	—	—
Lemexa ...	1	—	1	—	—	1
Lemonade...	9	9	—	—	—	—
Lemonade Powder ...	1	1	—	—	—	—
Lemon Cordial Flavour ...	2	2	—	—	—	—
Lemon Essence ...	1	1	—	—	—	—
Lemon Flavouring ...	2	2	—	—	—	—
Lemon Squash ...	2	2	—	—	—	—
Lemon Substitute Powder ...	1	1	—	—	—	—
Liver Sausage ...	1	1	—	—	—	—
Luncheon Meat ...	2	2	—	—	—	—
Luncheon Meat, Pork ...	2	2	—	—	—	—
Luncheon Sausage ...	10	10	—	—	—	—
Margarine ...	3	—	3	—	—	—
Malt Milk, Egg and Cocoa Mixture ...	1	1	—	—	—	—
Meat Paste ...	14	14	—	—	—	—
„ Pie ...	3	1	2	—	—	2
„ Roll ...	3	3	—	—	—	—
Milk, Dried Machine Skimmed...	2	2	—	—	—	—
Minced Beef ...	1	1	—	—	—	—
Mixed Pickles ...	2	2	—	—	—	—
Mixed Spice ...	8	7	1	—	—	1
Mustard ...	4	1	3	—	—	—
Mustard Mixture ...	6	6	—	—	—	—
Carried forward ...	588	555	33	1	1	16

Samples of	Total Samples.	Genuine	Not Genuine	Prosecu- tions	Convic- tions	Cautions
Brought forward	588	555	33	1	1	16
Mustard Sauce	1	1	—	—	—	—
Oatmeal	2	2	—	—	—	—
Onion Juice	1	—	1	—	—	1
Orange Barley Water	1	1	—	—	—	—
Orange Cordial	1	—	1	—	—	—
Pearl Barley	4	4	—	—	—	—
Pepper, White	1	1	—	—	—	—
Pepper	5	5	—	—	—	—
Pickles	9	9	—	—	—	—
Pies	1	1	—	—	—	—
Prepared Meal	2	2	—	—	—	—
Pork Pie	1	—	1	—	—	1
Prunes	1	1	—	—	—	—
Rice	1	1	—	—	—	—
Rice Custard Pudding Powder	1	1	—	—	—	—
Rice Flakes	1	1	—	—	—	—
Rice Pudding Powder	3	2	1	—	—	1
Ruby Fancy Tawny (non-alcoholic) wine	1	1	—	—	—	—
Rolled Oats	1	1	—	—	—	—
Rum-Ex	1	1	—	—	—	—
Sago	1	1	—	—	—	—
Sausages	29	27	2	—	—	2
Sausage, Liver	2	2	—	—	—	—
Sausages, Preserved	6	5	1	—	—	—
Sausage Meat	11	11	—	—	—	—
Sausage Meat Pie	1	1	—	—	—	—
Sausage Meat Preserved	1	1	—	—	—	—
Semolina	2	2	—	—	—	—
Slippery Elm Food, Unmalted	1	1	—	—	—	—
Soup	14	14	—	—	—	—
Soup Powder	7	7	—	—	—	—
Spice, Mixed	1	1	—	—	—	—
Spice, Pickling	1	1	—	—	—	—
Sponge Mixture	7	7	—	—	—	—
Stewed Beef and Vegetables ...	1	1	—	—	—	—
Sugar	4	4	—	—	—	—
Sweet Ginger Wine Essence ...	1	1	—	—	—	—
Table Jelly	1	1	—	—	—	—
Tapioca	1	1	—	—	—	—x
Tea	4	4	—	—	—	—
Tincture of Iodine	2	2	—	—	—	—
Tinned Carrots	6	6	—	—	—	—
Tinned Beans	1	1	—	—	—	—
Tinned Beans in Gravy	1	1	—	—	—	—
Tinned Beans in Rich Tomato Sauce... ..	2	2	—	—	—	—
Tinned Crayfish	1	1	—	—	—	—
Tinned Peas	6	6	—	—	—	—
Tinned Prepared Meal	2	2	—	—	—	—
Tinned Vegetables	1	1	—	—	—	—
Veal and Ham Pie	2	—	2	—	—	2
Vinegar, Artificial	2	1	1	—	—	1
Vinegar, Malt	11	11	—	—	—	—
Vinegar, Spirit	1	1	—	—	—	—
Vinegar, Wood	1	—	1	—	—	1
Vinegar, Non-brewed	1	1	—	—	—	—
Whisky	4	4	—	—	—	—
Yorkshire Pudding, Pancake and Fritter Mixture	5	5	—	—	—	—
Yorkshire Pudding, etc., Mixture, including Egg	1	—	1	—	—	—
Totals	773	728	45	1	1	25

Result of Analysis of New Milk Samples.

SOLIDS NOT FAT (Legal standard is 8.5%)*

8.15	8.18	8.2	8.3	8.4	8.5*	8.6	8.7	8.8	8.9	9.0	9.9
1	1	1	3	5	9	35	84	72	40	4	1

MILK FAT (Legal standard is 3%)

3.02	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2
1	2	8	21	34	35	45	36	28	21	11	6	2

4.3	4.4	4.55	4.6	5.6
2	1	1	1	1

Total samples of New Milk : 256.

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

Country milk in course of delivery	...	...	8
On milk rounds	...	...	169
"Appeal to cow" samples	...	...	—
At Shops	...	...	67
Taken at Institutions	...	...	12
Taken at Farms	...	...	—
Other samples	...	...	—
			256

AVERAGE COMPOSITION OF NEW MILK SAMPLES.

Solids not fat	...	...	8.74%
Milk fat	...	...	3.63%

Percentage of New Milk samples below legal standard 4.3.

Adulterated Samples.

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

No.	Sample.	Adulteration or Deficiency.	Remarks.
923.	Pork Brawn	This contained boric acid.	It was ascertained that the boric was introduced by means of bacon, in which preservative is now allowed.

<i>No.</i>	<i>Sample.</i>	<i>Adulteration or Deficiency.</i>	<i>Remarks.</i>
1158.	Glusac ...	According to the analysis, 1 oz. of Glusac was equal in sweetening power to 2 $\frac{3}{4}$ lbs. of sugar. The advertisement stated that 1oz was equal in sweetening power to 4lbs. sugar.	Proceedings were instituted in this case and a fine of £5 was imposed on the Makers, with £6 costs and £2 costs awarded to the Vendors.
1033.	Meat Pie ...	Deficient in meat content, therefore misdescribed.	Manufacturer warned.
1316.	Meat	Deficient in meat content, therefore misdescribed.	The Manufacturers have agreed to describe their products as a sausage meat pie in future.
914.	Milk	Slightly deficient in milk solids.	Vendor warned. Further samples taken found genuine.
1066.	Milk	Slightly deficient in milk solids.	Vendor warned. Further samples taken found genuine.
1063.	Milk	Deficient in milk solids.	Vendor warned. Further samples taken found genuine.
1268.	Milk	Deficient in milk solids.	Vendor warned. Further samples taken found genuine.
1269.	Milk	Deficient in milk solids.	Vendor warned. Further samples taken found genuine.
1322.	Milk	Deficient in milk solids.	Vendor warned. Further samples taken found genuine.
1080.	Orange Cordial	Misdescribed as a fruit cordial.	This matter was referred to the Legal Department and new labels were substituted.
1081.	Pork Sausage	Contained sulphur dioxide.	Vendor warned.
1176.	Pork Sausage	Contained boric acid.	Vendor warned to display proper preservative notice.
932.	Pork Sausage (preserved).	Contained boric acid.	Vendor warned regarding declaration of preservative.
1278.	Milk	Slightly deficient in milk solids.	Vendors have been warned and further samples taken found genuine.
1335.	"Lemexa"—the exact equivalent in taste flavour and food value of natural lemon juice.	Not the exact equivalent of natural lemon juice.	This article appeared to be misdescribed and further samples were sought but no purchase was made.

<i>No.</i>	<i>Sample.</i>	<i>Adulteration or Deficiency.</i>	<i>Remarks.</i>
1285.	Bicarbonate of Soda.	This article had the appearance of egg substitute powder.	This was obviously wrongly labelled. Further samples taken were found to be genuine.
1392.	Onion Juice ...	Contained only a small percentage of onion juice.	Further samples of this article were sought but not obtained.
1397.	Brawn ...	Contained boric acid.	Boric acid was found to be permitted in one of the ingredients.
752.	Pork Pie ...	Misdescribed.	This article should have been described as a pork sausage meat pie, and the makers have been asked to do so in future.
972.	Brawn ...	Contained boric acid or borates expressed as boric acid.	This was introduced through American pork, which was an ingredient and in which boric acid is permitted. Vendor warned and further samples taken.
970.	Custard Powder.	Prepared from wheat flour and contained large numbers of living mites.	Vendor warned and article at once withdrawn from sale.
775.	Margarine ...	Contained boric acid or borates expressed as boric acid.	I would point out that the introduction of boric acid into margarine, although under licence from the Ministry of Food, appears to be an infringement of the Preservatives in Food Order, Part 2, Section (4), in which a chemical preservative is prohibited in butter, margarine, and the like.
780.	Margarine ...		
790.	Margarine ...		
796.	Milk ...	$\frac{3}{4}$ p.c. added water.	Further samples taken in course of delivery found genuine. Vendors warned.
797.	Milk ...	2 p.c. added water.	
1144.	Milk ...	1 p.c. deficient in milk solids other than milk fat.	
1111.	Mixed Spice	Contained 30 per cent. wheat flour.	Manufacturers state that recipe is approved by the Ministry of Food and it is made under licence. Sugar was formerly used for binding purposes.
165.	Mustard ...	Deficient in volatile essential oil, only a trace being present.	Vendors state that this is due to lack of brown mustard seed, owing to lack of importations, but that article consists of ground white mustard seed.

<i>No.</i>	<i>Sample.</i>	<i>Adulteration or Deficiency.</i>	<i>Remarks.</i>
265.	Baking Powder.	Deficient in available carbon dioxide.	Vendor warned.
189.	Brawn ...	Contained boric acid.	Introduced through an ingredient in which boric acid is permitted.
124.	Custard Pudding Powder.	Prepared from wheat flour and contained numbers of living mites.	Article at once withdrawn from sale.
134.	Jam ...	Sample contained excessive sulphur dioxide.	Introduced through fruit pulp to which it is added with the approval of the Ministry of Food.
148.	Milk ...	Presence of 2 p.c.—4 p.c. added water confirmed by freezing point determinations.	Further samples taken, also taken in course of delivery from wholesaler and found to be genuine.
202.	Milk ...		
405.	Milk ...		
174.	Mustard ...	Deficient in volatile essential oil, only a trace being present.	Vendors state that this is due to shortage of brown mustard, owing to lack of importations, but that article consists of ground white mustard seed.
175.	Rice Pudding Powder.	Sample contained 30 p.c. wheat flour.	Made under licence and in accordance with a formula approved by the Ministry of Food.
79.	Veal and Ham Pie.	Misdescribed.	Vendor warned and agreed to amend description.
178.	Veal and Ham Pie.	Misdescribed.	Vendor warned and agreed to amend description.
137.	Vinegar, Artificial.	Deficient in acetic acid.	Vendor warned and subsequent samples proved genuine.
179.	Vinegar, Wood.	Deficient in acetic acid.	Vendor warned and subsequent samples proved genuine.
—	Yorkshire Pudding, etc. Mixture, including egg.	Proportion of egg less than one-half that normally used.	Article manufactured in accordance with a formula approved by Ministry of Food.

Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1927.

During the course of inspections of food shops particular attention is paid to the above Regulations regarding the marking of foodstuffs to which the Regulations apply.

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