

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

Contributors

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CROYDON

CRO 42
1940

To the Chairman and Members of the Public Health Committee.

Ladies and Gentlemen,

I have the honour to present my thirteenth Annual Report being the forty-first of the series, dealing with work of the Public Health Department. My report as School Medical Officer to the Education Committee is incorporated.

As last year, my report has been much curtailed because of the necessity to economise. The usual full statistical details have been compiled and they will be filed in order to secure continuity of the records.

From August until the end of the year Croydon experienced a series of air-raids which caused considerable material damage and loss of life; they did not however, dislocate the work of the department except for a short period when the maternity wards at Mayday Hospital were badly damaged and had to be evacuated for a time for repairs. Arrangements were made for the patients and also for expectant mothers who had booked beds to be accommodated in two large private Nursing Homes which very efficiently came to our help. In all Mayday Hospital has received damage on three separate occasions, and one block additional to the Maternity Block has been out of action from October until the end of the year, reducing its capacity by 96 beds.

The vital statistics for the year 1940 showed a birth rate of 15.4 per 1000 of the estimated population, an increase of 1.4 per 1000 over 1939; and a death rate of 15.6 per 1000 also an increase of 4.6 per 1000 over 1939; owing to the outward flow of population from Croydon after the air-raids commenced, the vital statistics have been based upon a population of 199,800 as against the peace time computation of 233,115, this figure is only approximate. Maternal mortality remained low at 1.65 per 1000 total live and still births, and the Infantile Mortality of 39 was only 1 per 1000 live births higher than that in 1939, which in its turn was the lowest rate yet recorded for the Borough.

The incidence of notifiable infectious diseases remained low, and the Borough Hospital had another slack year. There was, however, an increase in deaths from diseases of the Respiratory System, including Tuberculosis, and a considerable increase in deaths specifically ascribed to Pneumonia. There was a slight increase in Cancer deaths. On the whole, therefore, the year has not shown, so far as statistics go, any noticeable decline in the health of the Croydon population, but it should be recollected that the vital statistics of an annual report such as this deal only with deaths, or the incidence of recognisable disease. The incidence of ill health cannot, with the materials available, be gauged with any accuracy; deductions can be made to a limited extent from death rates. The causes of death during 1940 reflect the severity of the winter, and possibly the practise of sleeping in air-raid shelters under artificial and not always healthy conditions, in the increase of deaths from respiratory diseases. The increase in skin diseases, notably Scabies is also due in all probability to shelter life. The effects of chronic undernutrition do not show themselves rapidly but rather by a slow undermining of the constitutional resistance to disease. This was very clearly illustrated by the pandemic of influenza in 1919. Consequently it would be premature and unwise to make any dogmatic statement that the health of the Community shows no deterioration due to war conditions. Whatever the bald figures of statistics reveal it must be conceded that the artificial and unsettled conditions inseparable from a war time economy must have some detrimental effect. It is the duty of the Public Health Department to endeavour to keep the unfavourable results as low as possible, and by action and advice, to help the people to overcome the environmental and nutritional difficulties by which they are beset.

Some slight rearrangement has been made in the section of the report as contrasted with 1939, but otherwise the sections remain the same. Comments upon statistics have been cut down drastically and for tables which are self-explanatory, have been omitted altogether.

As in 1939, the Civil Defence Casualty Services have not been included in my report as, although the Medical Officer of Health is responsible for their organisation and administration, they can hardly be described as Public Health Services. The onset of air-raids showed however that the Casualty Services were ready and efficient, and the members thereof responded whole heartedly and without thought of self, to the calls for assistance which occurred almost nightly from September until the end of the year.

In conclusion I express my thanks to the Chairman and Members of the Public Health, Education and Mental Deficiency Committees for their help and encouragement during a somewhat hazardous year. To my staff, professional and lay, for their continued loyalty and adherence to duty I also wish to convey my sincere thanks and, additionally, I desire to bring this to the notice of the Members of the Committees concerned.

I am,

Yours faithfully,

OSCAR M. HOLDEN.
Medical Officer of Health.

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Visiting Radiologist, Mayday Hospital.

David Low Greis, M.R.C.S., L.R.C.S., L.R.C.P., D.M.R.E., (on active service)
P.W.Hamond, M.D., (locum)

Visiting Anaesthetist, Mayday Hospital.

Ruth E. Mansfield, M.R.C.S., L.R.C.P., D.A.

District Public Assistance Medical Officers. -

Henry Fleming Hamilton, M.B., Ch.B., F.R.C.S.

Alan Pride, M.D.

Panel of Medical Practitioners appointed for Addiscombe, Central, East, South Norwood, Woodside, Thornton Heath, Waddon and South Wards.

Public Vaccinators.

William Vaudrey Breddon, M.B., Ch.B., L.S.A.

Walter Hugh Montgomery Smith, M.R.C.S., L.R.C.P.

George Donal McGrath, M.B., B.Ch., B.A.O.,

Thomas Dunlop Miller, M.D., B.Sc.,

Gilbert Cherrington Wellish, M.B., Ch.M., F.R.C.S.

Valentine Wilkinson, M.B., L.R.C.P.

Dental Staff. -

Senior Dental Surgeon, P.G.Oliver, L.D.S.

Assistant Dental Surgeons: J.K.R.Bryce, L.D.S., W.A.Sowden Hills, L.D.S.

Miss S.M.V.Hathorn, L.D.S., C.P.Urbani, L.D.S., S.W.Berlow, L.D.S. (Locum)

Dental Surgeon: Mayday Hospital: E.H.Laurence, L.D.S. (part-time)

* on active service

Inspectors.

R.J.Jackson, M.R.S.I., A.M.I.S.E., M.S.I.A., Chief Sanitary Inspector.

G.Grieve, A.M.I.S.E., M.S.I.A., Acting Deputy Chief Inspector.

19 District Sanitary Inspectors.

In addition there are 4 disinfectors, and 5 assistants to the Sanitary Inspectors.

Health Visiting Staff. -

A.M.D. Allford (Superintendent)

24 District Health Visitors; 2 Special Visitors; 1 Tuberculosis Nurse;

3 Almoners and 5 Dental Attendants.

Also 2 whole-time Masseuses and Remedial Gymnasts.

Municipal Midwives.

Noreh A. Rigby. (Superintendent)

10 District Municipal Midwives.

Clerical Staff.

B.W.Cummins (Chief Clerk)

35 full-time Clerks (including members on active service.)

Veterinary Inspector (Part-time.)

Peter R.A.Thrale, O.B.E., M.R.C.V.S. (to 1.6.1940)

Analyst (Part-time)

Edward Hinks, B.Sc. F.I.C., F.C.S.

Vaccination Officer. -

Gerald H. Huggins. Cert R.S.I.

Mayday Hospital, Croydon Borough Hospital, Croydon Borough Sanatorium, Coombe Cliff Convalescent Home and St. Mary's Maternity Hospital.

Nursing and Domestic Staffs.

Pathological Laboratory.

4 Laboratory Assistants.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

The staff of the Public Health Department on the 31st December, 1940, was as follows:-

Medical Staff:-

(a) Whole - time; -

Oscar M. Holden, M.D., D.P.H., Medical Officer of Health, School Medical Officer, and Medical Officer under the Mental Deficiency Acts, etc.
John T.R. Lewis, M.D., D.P.H., Deputy Medical Officer of Health, Deputy School Medical Officer, and Medical Officer under the Mental Deficiency Acts. B.Sc.
J.C. McMillan, M.B., Ch.B., B.A.O.,/D.P.H., Assistant Medical Officer of Health for Tuberculosis.
Rufus C. Thomas, M.R.C.S., L.R.C.P., F.R.C.S. (Ed.), M.C.O.G., Assistant Medical Officer of Health for Obstetrics.
E.H. Harte, M.B., Ch.B., D.P.H., Assistant Medical Officer of Health and Assistant School Medical Officer.
Gordon M. Hobbin, M.B., Ch.B., Assistant Medical Officer of Health Air Raid Precautions.
Iris A. Jenkin-Lloyd, M.R.C.S., L.R.C.P., D.P.H., Assistant Medical Officer of Health and Assistant School Medical Officer.
Rosa Morrison, M.B., D.P.H., Assistant Medical Officer of Health and Assistant School Medical Officer.
Ellen Mackenzie Hegarty, M.B., Ch.B., D.P.H., Assistant Medical Officer of Health and Assistant School Medical Officer.
J. Todesco, M.D., M.R.C.S., L.R.C.P., D.P.H., Resident Medical Superintendent, Borough (Fever) Hospital.
R.C. Poyser, M.R.C.S., L.R.C.P., Resident Medical Superintendent, Croydon Borough Sanatorium.

(b) Part - time:-

H.W. Southgate, M.B., B.S., B.Sc., Pathologist.
J.S. Bookless, B.A., M.B., F.R.C.S., -Ophthalmic Surgeon (School Medical Service)
Rota of 4 local medical practitioners for surgical treatment of tonsils and adenoids.

MAYDAY HOSPITAL.

Charles Frederick Swinton, M.D., F.R.C.S., (Ed.) Ch.M.
John Joseph Walsh, M.D., F.R.C.S., (Eng.) Deputy Medical Superintendent.
John Ewart Edson, M.D., M.R.C.P., Assistant Medical Officer. (on active service)
Arthur B. Higginson, M.B., Ch.B., Assistant Medical Officer for Obstetrics. (left 16.7.1940.)
Ralph Spencer M.B., Ch.B., B.Sc., Junior Resident Assistant Medical Officer. (left 15.6.1940.)
Eric Joseph Pamblyn M.B., B.S., F.R.C.S., Assistant Medical Officer. (commenced 17.6.1940.)
Elizabeth Bryce Hill, M.B., Ch.B., Assistant Medical Officer.
Hugh Francis, M.R.C.S., L.R.C.P., D.M.R., (Lond.) (commenced 10.12.1940)
Catherine F. O'Connor, M.R.C.S., L.R.C.P., Assistant Bacteriologist and Pathologist (Part-time)

Consultants to the Public Health Department.

Thomas Warwick Preston, M.D., M.R.C.P., Physician.
Ernest Marshall Cowell, D.S.O., M.D., F.R.C.S., Surgeon.
Alan Herapath Todd, M.S., F.R.C.S., Orthopaedic Surgeon.
John Smead Bookless, B.A., M.B., F.R.C.S., Ophthalmic Surgeon.
Archer Ryland, F.R.C.S., Ear, Nose and Throat Surgeon.
H.W. Southgate, M.B., B.S., B.Sc., Pathologist.
Thomas Percy Rees, D.Sc., M.D., M.R.C.P., D.P.M., Psychiatrist.

SUMMARY OF VITAL STATISTICS FOR 1940

Area, 12,617 acres.

Population (Census 1931) 233,115. Population (estimated middle of 1940) 199,800.

Number of Inhabited Houses (1931 Census) 56,429. Overcrowding Census (1936), 65,550.

Rateable Value (1st April 1939) £2,513,606.

Product of a Penny Rate (1939 - 1940) £9,556.

Rate in the £. 11/4d.

Gross expenditure on Health Services
(administered by Medical Officer
of Health)

249,600

Income on Health Services (excluding
transfers)

53,248

Net expenditure on Health Services

£196,352

Expressed as a Penny Rate, 20.55d. pence in the pound.

Live Births -	M.	F.	Total
Legitimate	1,457	1,450	2,907
Illegitimate	91	72	163
			3,070

The Registrar General has submitted a separate figure of 2949 for the purpose of calculating Infant and Maternal Mortality rates. Birth-rate per 1,000 of the estimated resident population, 15.4.

Still Births 85. Rate per 1,000 total (live and still) births, 30.5. (for the purpose of Infant and Maternal Mortality rates the Registrar General submits a total of 82 still births).

Birth rate per 1,000 (live and still births) 15.4.

Deaths 3118. Death rate per 1,000 of the estimated resident population 15.6.

Deaths from diseases and accidents of pregnancy and childbirth:
From sepsis 2; other causes 3.

Maternal mortality: 1.65 per 1,000 total live and still births, (abortions)
0.99 " " " " " (excluding

Death-rate of Infants under one year of age (116 deaths, 2949 births)

All Infants per 1,000 live births 39

Legitimate Infants (107 deaths) per 1,000 live births 36

Illegitimate Infants (9 deaths) per 1,000 live births 57

Deaths from Influenza ...	49	Deaths from Diphtheria (all	4
" " Whooping Cough		ages)	
" " (all ages)	2	Pneumonia	206
" " Diarrhoea (under		Cancer	443
2 years of age)	11		

	Rate per 1,000 Population
Deaths from diseases of Cardiac and Circulatory System (including Cerebral Haemorrhage)	4.31
Deaths from diseases of the Respiratory System (including Tuberculosis)	2.45

Deaths from diseases of Renal System	0.32
Deaths from diseases of Digestive System	0.74
Deaths from Suicide and Accidents	0.41
Deaths from Old Age	1.00

Marriages

The number of marriages solemnised was 2,792 compared with 2,674 in 1939; 2,319 in 1938; 2,210 in 1937; 2,198 in 1936; 2,152 in 1935; and 2,125 in 1934. The marriage rate was 14.6 per 1,000 of the population; 1514 were solemnised in Established Churches, 566 in other places of worship; 911 in the Register Office and 1 performed under Jewish ritual.

Births.

The births registered were 2,907 legitimate and 163 illegitimate. The birth rate consequently was 15.4. For England and Wales and in the Great Towns the rate was 14.6 and 16.0.

The illegitimate births in Croydon were 5.3 of the total as in 1939, compared with 4.9 in 1938, 4.6 in 1937, 5.5 in 1936, and 4.4 in 1935.

The live male births numbered 1,548, the female 1,522, being a proportion of 1,017 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 (27.0), Waddon (19.1) and Whitohorse Manor (17.1)

Those with the lowest were: Norbury (5.7), Central (8.6) and Upper Norwood (10.1)

Deaths

The deaths numbered 3,118 compared with 2,557 in 1939. For 1940 the death rate was 15.6. For 1939 it was 11.0. The death rate for England and Wales was 14.3 and for the Great Towns 15.8. For London the death rate was 17.8.

There were 91 inquests held by Coroners in respect of Croydon residents during 1940 and 249 findings by Coroners after post mortem examination without inquest.

Wards with the highest death rates were: Central (18.5), and Woodside (18.2); lowest in Addington (11.6), Waddon (12.6), Norbury (12.7), and West Thornton (12.8)

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

	Sex	All Ages	0-	1-	5-	15-	45-	65
All Causes	M	1550	70	25	21	227	470	737
	F	1582	46	16	28	179	384	929
Whooping Cough	M	-	-	-	-	-	-	-
	F	2	1	1	-	-	-	-
Diphtheria	M	1	-	-	1	-	-	-
	F	3	-	-	3	-	-	-
Influenza	M	24	1	-	-	4	12	7
	F	18	-	-	-	3	6	9
Cerebro Spinal Fever	M	9	1	5	1	1	1	-
	F	7	1	2	1	2	1	-
Poliomyelitis and)	M	1	-	-	-	-	1	-
Polioencephalitis)	F	-	-	-	-	-	-	-
Acute Infective)	M	1	-	-	-	-	1	-
Encephalitis)	F	1	-	-	-	1	-	-
Tuberculosis)	M	89	-	-	-	54	28	7
(Respiratory))	F	39	-	-	2	26	8	3
Other Tuberculous)	M	10	1	3	-	3	2	1
diseases)	F	8	-	1	1	4	1	1
Syphilis	M	9	-	-	-	-	6	3
	F	6	-	-	-	2	3	1
Cancer	M	207	-	-	1	15	73	118
	F	229	-	-	1	15	98	115
Diabetes	M	15	-	-	-	3	7	5
	F	13	-	-	-	2	4	7
Cerebral)	M	94	-	-	-	-	27	67
Haemorrhage etc.)	F	161	-	-	-	-	38	123
Heart Disease	M	343	-	-	-	20	76	247
	F	412	-	-	1	7	57	347
Other circulatory)	M	47	-	-	-	1	10	36
diseases)	F	74	-	-	-	-	8	66
Bronchitis	M	129	3	-	-	5	54	67
	F	73	1	-	-	4	10	58
Pneumonia (all forms)	M	75	17	6	-	4	24	24
	F	80	9	3	-	2	15	51
Other respiratory)	M	15	-	-	-	4	6	5
diseases)	F	23	-	-	-	1	10	12
Ulcer of Stomach)	M	33	-	-	-	2	20	11
or duodenum)	F	10	-	-	-	1	3	6
Diarrhoea (under 2 yrs)	M	6	5	1	-	-	-	-
	F	4	4	-	-	-	-	-
Appendicitis	M	10	1	-	1	3	3	2
	F	6	-	-	1	2	3	-
Other digestive)	M	25	2	-	-	1	8	14
diseases)	F	29	-	-	-	7	6	16
Nephritis	M	28	-	-	-	2	10	16
	F	41	-	-	-	2	22	17
Puerperal sepsis	F	1	-	-	-	1	-	-
Other puerperal								
causes	F	4	-	-	-	4	-	-
Cong. Debility, Malfor-	M	42	36	-	3	2	-	1
mations, prem.birth.etc.	F	25	22	-	1	2	-	-
-	-	-	-	-	-	-	-	-

REGISTRAR GENERAL'S TABLE OF DEATHS ACCORDING TO CAUSE AGE AND SEX(CONT)

		All Sex ages	0-	1-	5-	15-	45-	65-
Suicide	M	9	-	-	-	3	4	2
	F	12	-	-	-	5	7	-
Road Traffic Accidents	M	19	-	-	1	4	6	8
	F	4	-	-	1	-	1	2
Other violence	M	203	2	8	12	82	68	31
	F	204	5	8	11	65	56	59
Other defined)	M	106	1	2	1	14	23	65
diseases)	F	93	3	1	5	21	27	36

Comparisons with 1939

There was a fall in the deaths from the Zymotic diseases excluding Typhoid Fever and Diphtheria. In 1940 there were no deaths from Measles or Scarlet Fever. Whooping Cough caused 2 deaths and Diphtheria 4 deaths. The deaths from Pulmonary Tuberculosis increased by 39 in 1940. The number of deaths attributed to Cancer totalled 436, compared with 419 in 1939. Deaths from Heart Disease decreased by 27. Pneumonia deaths showed an increase of 4 and those due to Bronchitis an increase of 155. Deaths from Suicide and Violence increased from 105 to 451.

The percentage of deaths under 1 year of age to the total deaths was 3.7%. Deaths under 15 years 6.6%; deaths under 65 years 46.8%, deaths over 65 years 53.2%. The corresponding figures for 1939 were 5.1%, 10.0%, 42.6% and 57.4%.

- - - - -

The above total differs slightly - by 14 - from the total recorded by this department, as the period covered by the Registrar General refers to the weekly returns from the Registry of Deaths.

The Department records are calculated from the 1st January to 31st December.

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

Cause of Death	1935 Total Deaths	1936 Total Deaths	1937 Total Deaths	1938 Total Deaths	1939 Total Deaths	1940 Total Deaths	Death Rate
Enteric Fever	-	4	35	12	2	-	-
Malaria	-	-	-	-	-	-	-
Small Pox	-	-	-	-	-	-	-
Measles	-	21	5	8	-	-	-
Scarlet Fever	-	2	3	3	-	-	-
Whooping Cough	2	15	5	3	3	2	0.010
Diphtheria and Croup	12	8	15	16	16	4	0.020
Influenza (including Influenzal pneumonia)	25	39	71	21	48	49	0.245
Dysentery	-	-	-	1	1	-	-
Erysipelas	2	6	3	3	2	2	0.010
Cerebro-Spinal Fever	3	-	3	5	2	16	0.080
Pulmonary Tuberculosis	148	132	140	117	89	128	0.641
Tuberculous Meningitis	9)	19	15	20	18	6)	0.105
Other Tuberculous Disease	14)				15)		
Cancer, Malignant Disease	321	428	432	387	419	443	2.217
Rheumatic Fever	9	6	11	6	2	8	0.040
Meningitis	14	4	4	5	3	5	0.025
Organic Heart Disease	780	749	770	777	782	682	3.413
Bronchitis, Acute and Chronic)	45	44	50	49	47	130	0.650
Pneumonia	120	185	179	150	151	206	1.031
Other Diseases of the Respiratory Organs)	29	23	12	25	13	21	0.105
Diarrhoea & Enteritis	29	31	45	29	23	18	0.090
Appendicitis	48	18	23	15	15	15	0.075
Cirrhosis of Liver	2	8	9	8	12	1	0.005
Alcoholism	2	-	1	1	1	2	0.010
Nephritis & Bright's) Disease)	66	89	84	72	63	63	0.315
*Puerperal Fever	7	5	1	1	2	2	0.660
*Other diseases & accidents of pregnancy & parturition)	1	7	11	2	2	3	0.990
Congenital Debility, Mal- formation & Premature Birth)	87	63	105	64	71	53	0.265
Violent deaths (excluding suicide)	85	85	102	78	77	61	0.305
Suicide	26	29	30	43	28	20	0.100
Other Defined Diseases	567	570	634	595	662	2152	5.766
Diseases Ill-defined or Unknown)	-	-	2	-	3	11	0.055
TOTAL	2,453	2,590	2,800	2,496	2,557	3,118	

* Calculated per 1,000 live and still births.

1940 showed a large increase in the general death rate
and an increase in the birth rate.

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 obtains water supplies from the Metropolitan Water Board.

The amount of water consumed during the year was

Corporation's Wells	2,187,844,000
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Metropolitan Water Board in bulk	506,508,000
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	2,694,352,000
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The same arrangements regarding samples as were commenced in 1938 continued in 1940.

LABORATORY, AMBULANCE, NURSING FACILITIES, HOSPITALS, ETC.

There have been no changes in the Laboratory, Ambulance and Nursing Facilities in the home since my report, in 1939. Nor are there any changes to record in the Hospital beds available other than that the 40 beds at Cheam Sanatorium taken over by the Emergency Hospital Service in 1939 were released for their original use.

All the Clinics have continued throughout the year, and the Tonsils and Adenoids Clinic at the Croydon General Hospital, which was discontinued on the outbreak of war, reopened in November 1939: it was closed again in August 1940.

WARDS	Estimated Population	Births	Deaths	Birth Rate	Death Rate	Deaths under 1 year per 1,000 births.	Death Rate from six Zymotic Diseases (excluding Diarrhoea)	Death Rate from Diarrhoea	Death Rate from Bronchitis and Pneumonia	Death Rate from Pulmonary Tuberculosis	Death Rate from Non-Pulmonary Tuberculosis	Death Rate from Heart and Circulation Diseases	Death Rate from Nervous Diseases	Death Rate from Cancer	Natural increase or decrease of population.
Upper Norwood	13,697	139	231	10.1	16.9	50	-	0.15	1.46	0.73	0.22	4.89	0.22	1.75	- 92
Norbury	13,257	76	168	5.7	12.7	53	-	-	1.28	0.45	-	3.02	0.53	2.11	- 92
West Thornton	15,968	194	204	12.2	12.8	46	-	-	1.44	0.38	0.13	3.69	0.69	2.57	- 16
Bensham Manor	13,699	187	238	13.7	17.4	48	-	0.29	2.48	0.44	-	6.57	0.51	2.34	- 51
Thornton Heath	14,778	216	220	14.6	14.9	42	0.07	0.07	1.69	0.95	0.20	4.47	0.61	1.76	- 4
South Norwood	14,467	211	223	14.6	15.4	38	-	0.07	1.66	0.28	0.14	4.49	0.62	2.63	- 12
Woodside	13,274	174	241	13.1	18.2	40	0.08	0.08	2.18	0.63	0.06	5.35	0.60	1.81	- 67
East	13,310	158	207	11.9	15.6	13	-	0.08	1.20	0.53	0.06	4.66	0.68	3.08	- 49
Addiscombe	13,452	201	220	14.9	16.4	45	-	-	1.78	0.74	-	5.20	0.74	2.08	- 19
Whitehorse Manor	13,768	235	251	17.1	18.2	43	-	0.29	2.11	0.65	0.07	6.32	0.87	2.47	- 16
Broad Green	14,144	198	218	14.0	15.4	45	0.07	0.21	1.91	0.85	0.07	3.96	0.99	2.19	- 20
Central	10,279	88	190	8.6	18.5	57	0.10	-	1.65	0.78	0.29	7.00	0.78	2.43	- 102
Waddon	14,968	286	188	19.1	12.6	17	-	-	0.87	1.00	0.07	4.21	0.53	1.47	+ 98
South	12,528	148	216	11.8	17.2	74	0.16	-	2.24	0.56	0.24	5.35	0.72	2.55	- 68
Addington	8,211	222	95	27.0	11.6	54	-	0.12	1.10	0.37	-	2.80	0.24	2.07	+ 127
The Borough	199,800	3070	3118	15.4	15.6	39	0.03	0.09	1.69	0.75	0.11	4.31	0.65	2.22	- 377
		*	*												

* these are the corrected totals.

MAYDAY HOSPITAL

1. Total number of admissions (including infants born in hospital)	5114
2. Number of women confined in hospital	818
3. Number of live births	787
4. Number of still births	42
5. Number of deaths among the newly-born (i.e. under 4 weeks of age)	21
6. Number of deaths among children under one year (including those given under 5)	44
7. Number of Maternal deaths among women admitted to Hospital for confinement)	2
8. Total number of deaths	675
9. Total number of discharges including infants born in hospital.	4814
10. Duration of stay of patients included in 8 and 9 above:-	
(a) Under four weeks	4244
(b) Four weeks and under thirteen weeks	1062
(c) Thirteen weeks or more	183
11. Number of beds occupied (excluding cots in maternity wards)	
(a) Average during the year	331
(b) Highest 495 on 13.3.40	
(c) Lowest 244 on 16.12.40.	
12. Number of surgical operations under general anaesthetic (excluding dental operations)	873
13. Number of abdominal sections.	433

Number of X-Ray Films Taken

Spine.	260
Bones.	1129
Pelvis.	44
Chest.	1572
Barium Meals;	554
Barium Enemeta;	30
Renal.	208
Gall-bladder.	92
Teeth.	229
Abdominal F.B.	46
Maternity cases.	513
Skull.	382
	<hr/>
	5,059
	<hr/>

Total Number of Cases X-rayed - 2,666

DIAGNOSTIC

	<u>1939.</u>	<u>1940.</u>
Oesophagus with Barium.	4	3
Barium Meals.	78	140
Barium Enemeta.	16	16
Gall-Bladders (Plain).	9	7
Cholecystograms.	23	16
Renal Tracts (Plain).	26	24
Pyelograms.	27	28

	1939	1940
Abdomen for F.B.'s etc. etc.	21	10
Maternity cases.	274	164
Hystero-graphies.	-	5
Lungs Mayday Hospital.	420	383
Sick Staff.	18	8
Staff on appointment.	86	71
T.B. Dispensary.	729	730
Others.	2	27
Lungs after Lipiodol.	9	7
Heart and Aorta.	4	2
Skulls.	107	98
Accessory Nasal Sinuses.	20	16
Vertebral column.	65	76
Ribs.	32	41
Pelvis.	23	29
Long Bones.	229	250
Short Bones.	56	59
Joints.	232	472
Teeth and jaws.	153	82

2666.

2764

Examinations by portable set

130
204

	1939.	1940
Men's Wards.	581	731
Women's Wards.	588	579
Children's Wards.	165	80
Maternity & Gynaecological Wards.	60	124
Staff.	146	108
Total "In-Patients".	1,540	1,622

T.B. Dispensary (Men)	325	404
(Women)	344	299
(Children)	165	27
Under 16)		
Croydon Borough Hospital.	4	3
Ante-Natal Clinic.	225	125
St. Mary's Hospital.	17	10
Queen's Road Homes.	17	32
Dental Clinic	130	77
Others.	4	67

Total "Out-Patients"

1,126

1,044

Total

2,666
2,666

Screen Examinations.

890
266

MASSAGE

Exercises.
Radiant Heat.
Electrical.
Diathermy.
Ultra Violet Light.
Was.
Infra Red.

1940
6,715
1,429
2,316
554
255
531
36
553
12,389

Total number of patients treated.

377

Mental Patients dealt with during the Year.

	<u>Male</u>	<u>Female</u>
Admitted.	128	200
Certified and sent to Warlingham Park Hospital.	20	27
As Voluntary patients to Warlingham Park Hospital.	39	37
Discharged not certified.	49	76

THERAPY DEPARTMENT.

Condition for which treatment was given	No. of Patients	No. of Applica- tions.	Cured.	Re- liev- ed	Died	Trans- ferred to other treat- Hosp.	Still under treat- ment.
Carcinoma of Cervix.	3	17				1	2
" " Uterus.	3	22	1		1		1
" " Breast.	1	12					1
" " Larynx.	1	11				1	2
Sarcoma of Hip.	1	12					1
" " Lympho.	1	12			1		
Fibroid Uterus.	2	12					2
Sterilization.	13	85	5				1
Mitral Stenosis	1	8					
	26	181	6		2	2	8
Corresponding Totals for 1939.	31	405	4	9	7	1	10

Classification of In-patients who were discharged from or who died in the Institution during the year ended 31st December, 1940.

Disease Groups.	Children Under 16 yrs. of age.		Men and Women.	
	Discharged.	Died.	Discharged.	Died.
A. Acute infectious disease	13	1	10	1
B. Influenza.	-	-	51	-
C. Tuberculosis:				
Pulmonary	3	-	66	49
Non-Pulmonary	7	5	9	9
D. Malignant Disease.	-	-	81	112
E. Rheumatism:				
(1)	2	-	7	-
(2)	-	-	2	-
(3)	-	-	25	-
F. Venereal Disease.	-	-	5	-
G. Puerperal pyrexia (including cases classified)	-	-	3	-
Puerperal fever.	-	-	-	-
H. Other diseases and accidents connected with pregnancy and childbirth.	-	-	414	1
I. Mental diseases.	8	-	238	2
J. Senile Decay.	-	-	52	34
K. Accidental injury and violence.	43	1	287	24
<u>In respect of cases not included above.</u>				
L. Diseases of the Nervous System and Sense Organs.	21	6	105	275
M. Disease of the Respiratory System.	74	13	179	54
N. " " " Circulatory "	3	1	132	155
O. " " " Digestive "	98	5	445	46
P. " " " Genito-Urinary"	20	-	92	35
Q. " " " Skin.	41	-	90	4
R. Other diseases	204	8	242	14
S. Mothers and infants discharged from Maternity Wards and not included in above figures.				
Mothers:	-	-	853	2
Infants:	806	18	-	-
T. Any persons not falling under any of the above headings.	33	-	50	-
TOTALS.	1376	58	3438	617

Specimens Examined in the Pathological Laboratory during
the Year.

	<u>Positive.</u>	<u>Negative.</u>
Swabs for Diphtheria.	-	225
Sputa for T.B.	271	492
Pus for T.B.	6	7
Pus for Gonococci.	1	6
Urine for T.B.	7	28
Faeces for T.B.	1	1
Urine for Coli-Typhoid Group.	-	3
Faeces for Coli-Typhoid Group.	14	139
Blood - Widal's.	18	35
Hairs for ringworm.	1	2
Blood cultures.	12	31
Faeces for occult blood.	127	143
		1,570
Urine for routine examination.		952
Pus for organisms.		135
Blood urea estimations.		141
Blood sugar estimations.		45
Cerebro spinal fluids.		135
Urea Conc. tests.		234
Urea Clearance Tests.		211
Fractional test meals.		53
Pleural fluids.		42
Blood counts.		498
Blood Groups.		90
Haemoglobin estimations.		257
Compatibility tests.		2
Faecal fat estimations.		6
Van den Bergh re-action.		16
Vaccines.		2
Blood sedimentation rates.		63
Glucose tolerance tests.		1
Blood coagulation and bleeding time.		7
Other examinations - unclassified.		219
		4,680

No. of specimens sent to Croydon General Hospital. 220

Number of Post Mortems Ordered by the Coroner and Performed
at Mayday Hospital during the Year:

Outside Cases:	235
Hospital Cases:	56.

Number of Post Mortems not ordered by the Coroner: 117.

Diagnoses	Medical				Surgical.				Total.
	Cured	Relieved	Unrelieved	Died	Cured	Relieved	Unrelieved	Died	
<u>ALIMENTARY</u>									
Appendicitis					126	10	1	2	139
Gastric Ulcer.	11	26	4	5	6	3	-	5	60
Duodenal ulcer.	9	18	3	6	4	4	-	5	49
Anastomatic ulcer	-	1	-	-	-	1	-	-	2
Dyspepsia.	5	2	-	-	-	-	-	-	7
Cholelithiasis					4				4
Colitis.	2	1	-	2					5
Intestinal obstr:					1	2		3	6
Constipation.	17	22	4						43
Hernia					46	21	5	6	78
Ischio Rectal Abscess					2	3			5
Haemorrhoids		3	1		3	1	1		9
Cholecystitis	7	12	2		6	1		2	30
Gastro enteritid	33	4	1	4					42
Gastritis	18	12	1						31
Alveolar Abscess.	1	1			3				5
Intestinal colic	3	3							6
Catarrhal jaundice	2	2							4
Pyloric Stenosis	3	1			1			1	6
Fistula in Ano.					2	2			4
Swallowed Fb..	1	1							2
Peptic ulcer	2	5							7
Appendicular colic.	1	3							4
Peritonitis.		1	1					5	7
Stomatitis.	4				1				5
Adhesions.							1		1
Jaundice.				1					1
Collapse.	3	3		1					7
Appendicular abscess	1				3	5			9
Abdominal abscess.					1				1
Oesophageal Varix.	-	1							1
Imperforated anus.			1						1
Duodenal Ileus.		2							2
Pyorrhoea	1	1							2
Pelvic abscess						1			1
Perinal abscess.					1	1			2
Pancreatitis.								1	1
Pyloric ulcer.		1						1	2
Pyloric obstruction		1						1	2
Subphrenic abscess						1			1

594

BONES AND JOINTS

Arthritis.	1	20	1						22
Pagets Disease.		1							1
Fibrositis.	1	3							4
Rheumatism.	6	4	1						11
Bursitis.	1				2	1			4
Synovitis.	1	1	1						3
Osteo Myelitis.					1	5		2	8
Osteo Arthritis		4	1						5
Hallux Valgus.	1					1			2
Coxa Vara					1				1
Diaphysitis.					1	1			2

63

Diagnosis	Medical				Surgical				Total
	Cured	Rel- ieved	Unrel- ieved	Died	Cured	Rel- ieved	Unrel- ieved	Died	
<u>CARCINOMA.</u>									
Breast.					3		3	6	12
Stomach.					2		5	20	27
Rectum.					3		3	4	10
Cervix Uteri.					2		6	3	11
Sarcoma - skull								1	1
- brain								1	1
- rt. Pubic bone.								1	1
Ovary.					1		1	4	6
Prostate.					5		2	5	12
Tongue & Mouth.							1	1	2
Andis							4	1	5
Larynx.							2	1	3
Cheek.							1	1	2
Colon.					3	2	10	20	35
Gall bladder.					1	1	4	4	10
Lung.							2	8	10
Bronchus.						1		3	4
Liver.								3	3
Pancreas.							2	4	6
Calcum.							1		1
Pylorus.								1	1
Parotid.							1		1
Maxillary Antrum.								2	2
Rodent ulcer.						1			1
Vulva.						1		1	2
Kidney.								4	4
Pharynx.								1	1
Oesophagus.						1		2	3
Epithelioma.							1	1	2
Nose.							1		1
Salivary Gland.								1	1
									193
<u>CIRCULATORY - BLOOD</u>									
Anaemia.	5	8	2	2					17
Hyperpiesia.		9	2						11
Septicaemia.	1			1					2
Pernicious Anaemia.		5	1	3					9
Epistaxis.	4	3							7
Thrombosis.	1	1	1						3
Phlebitis.	4		1	1					6
Leukaemia.			1	2					3
Gangrene	1	1	1	2					5
Purpura.	1								1
Varicose Veins		1							1
									65
<u>CIRCULATORY - HEART</u>									
Myocardial degen:	1	13	4	8					102
Arteria Sclerosis		7	4	4					15
Aortic Incompetence		3	1	2					6
Aortic Stenosis.		1							1
Endocarditis.		3		3					6
Myocarditis.		5	2	8					15
Carditis.		2	1						3
Auricular Fib:		10		7					17
Mitral Stenosis.		2	3	4					9
Congenital heart dis.				1					1
Congestive heart failure.	1	2		15					18
									193

Medical.Surgical.

<u>Diagnoses.</u>	Cured	Rel- ieved	Unrel- ieved	Died.	Cured	Rel- ieved	Unrel- ieved	Died.	Total.
<u>Circulatory - Heart. Continued.</u>									193.
Aortic Regurgitation	2.								2.
Heart failure	5	3	11						19
Rheumatic heart	1								1
Fatty degeneration of heart			2						2
Aneurysm			1						1
Mitral Regurgitation	1								1
Pericarditis	1								1
Coronary thrombosis	1	2	3						6
									226.
<u>Constitutional.</u>									
Diabetes Mellitus		6	3	9					17
Debility	1	5	2						8
Nutritional disorder	6	1							7
Marasmus	7	2	2						11
Malnutrition	1	2							3
Rickets		1							1
Diabetic Coma			1						1
Diabetes Insipidus		1							1
									49.
<u>Eyes.</u>									
Conjunctivitis	1								1
Glaucoma		1							1
Enucleation of eye	1								1
Dacryocystitis		1							1
									4.
<u>Ear, Nose & Throat.</u>									
Enlarged T's & A's.	11	2	1		135	13	1		183
Labryneuthitis	2	2							4
Otitis Media					22	2			24
Mastoiditis	3				3				6
Pharyngitis					2		1	1	4
Catarrh	5								5
Laryngitis	1								1
Laryngeal obst.							1		1
Rhinitis	1								1
Aural Polypus		1							1
Cavernous sinus Thrombosis.				1					1
									211.
<u>Genito-Urinary.</u>									
Nephritis		5		4		1	1	2	13
Pyelitis	15	10							25
Urethral Stricture						2			2
Enlarged prostate		6	1	7	5	7		3	29
Pyelonephritis				6	1				7
Hydrocele					2	1	1		4
Cystitis	4	3			1	1	2		11
Papilloma of bladder					1	1	1		3
Uraemia				9				1	10
Urinary Calculus		1				1			2
Hyponephroma of Kidney				1	1				2
Circumcision					15	2			17
Extravasation of urine					1			1	2
									127.

Medical

Surgical.

<u>Diagnoses.</u>	<u>Medical</u>				<u>Surgical.</u>				<u>Total</u>
	<u>Rel-</u> <u>Cured</u>	<u>Unrel-</u> <u>ieved</u>	<u>Unrel-</u> <u>ieved</u>	<u>Died.</u>	<u>Rel-</u> <u>Cured</u>	<u>Unrel-</u> <u>ieved</u>	<u>Unrel-</u> <u>ieved</u>	<u>Died.</u>	
<u>Gynaecological - continued.</u>									354
Vaginal polypus					1				1
Vulva l abscess					1				1
Prociditis					2		1		3
Vaginal discharge							1		1
Menopausal syndrome							1		1
Vesicular mole					1				1
Plastic op: for vagina					1				1
Trachelorrhaphy					1				1
									364.
<u>Infectious.</u>									
Influenza 21	1								22
Puerperal pyrexia 3									3
Dysentery 2		3							5
Polio-Myelitis	1		1	1					2
Scarlet Fever			1						1
Whooping Cough			2						2
Paratyphoid			7						7
Typhoid fever			1						1
Cerebro spinal fever 1				1					2
									45.
<u>Maternity.</u>									
Deliveries.					853			2	855
Live Births.					806			18	824
Delivered before admission					3				3
For Version					8	2	4		14
Pyelitis of Pregnancy					3	4			7
Albuminuria of "					1	5			6
False Labour pains					1		7		8
A.P.H.					1	4			5
R.B.P.						26	1		27
Vomiting of pregnancy					9	4			13
Toxaemia of "						29	1		30
A.N. observation					12	27	10		49
A. N. rest						20			20
Anaemia of pregnancy						2			2
General Contracted Pelvis						1			1
Termination of pregnancy					4	1			5
									1,869
<u>Mental.</u>									
Uncertified 2	96	45							143
Certified		47							47
Epilepsy 2	23	3							28
M.D.		4							4
Mongolism		1							1
G.P.I.		1	2						3
Hysteria 1	3	1							5
Senile Dementia	11	2		2					15
Loss of memory 1	1								2
									248.

	Medical				Surgical				
		Rel-	Unrel-			Rel-	Unrel-		
Diagnoses..	Cured	ieved	ieved	Died.	Cured	ieved	ieved	Died.	Total
<u>Nervous & Sensory.</u>									
Cerebral Haem:	1	7	1	46					56
Meningitis	2		19	8					29
Chorea	3	3							6
Sciatica	1	1							2
Hemiplegia		8	2	2					12
Nourasthenia		8	3						11
Neurosis	4	6	2						12
Cerebral thrombosis	2	13	3	14					32
Cerebral tumour				1					1
Neuralgia		1							1
Nouritis	1	1	1						3
Convulsions	2	4							6
Cerebral arterio-sclerosis		6	4						10
Cerebral Hemiparesis		1							1
Cerebra l Oedema				1					1
Paraplegia		1							1
Cerebrella tumour				1					1
Athetosis			1						1
Cerebral abscess				3					3
Subarrachnoid haem:				3					3
Hydrocephalus				1					1
Pleurodynia	1								1
Cerebral embolus		1							1
Paralysis		3	1						4
Effort Syndrome	1								1
Von Rechinhausen's Dis.		1							1
Forticollis		1							1
Spina Bifida				1					1
Disseminated Sclerosis		1	3						4
Parkinsons disease			1						1
									207.
<u>Respiratory.</u>									
Bronchitis	55	58	7	4					124
Pneumonia	85	9	2	60					156
Pleural Effusion	1	1	1						3
Bronchiectasis		1							1
Ateleclasis				1					1
Pleurisy	9	3	2						14
Asthema	2	11	1						14
Empyema	1								1
Asphyxia				1					1
Pulmonary abscess	1			1					2
Influenzal Pneumonia	1								1
Emphysema		1							1
Embolus			1						1
									320.
<u>Senility.</u>									
		38	14	34					86.

Diagnoses.	Medical				Surgical				Total
	Cured	Rel- ieved	Unrel- ieved	Died	Cured	Rel- ieved	Unrel- ieved	Died	
<u>Skin.</u>									
Boils, abscesses & Carbuncles.					30 11	8 10		1	38 22
Burns & scalds									11
Eczema	2	9							8
Impetigo	6	2							13
Scabies	12	1							7
Dermatitis	1	4	2						2
Erythema Nodosum	2								1
Cheilopompholyx	1								16
Cellulitis	9	5		2					7
Ulceration.		2	4			1			1
Sinusitis								1	1
Adenoma					1 1				2
Polydactylism			1		1				2
Herpes		2							1
Pemphigus		1							1
Septic spots	1								1
Purpura	1								1
Erysipelas	1								1
									135
<u>Pulmonary T.B.</u>		34	35	49					118
<u>Non-Pulmonary T.B.</u>									
Spine						2	3		5
Meninges.							1	5	6
Glands.						3	1	1	5
Hip.						2	2		4
Kidney								2	2
Miliary								2	2
Abdomen							1		1
Pancreatitis								1	1
Generalised								1	1
T.B. Peritonitis								1	1
Peritonitis							1		1
Perirectal abscess								1	1
									30
<u>Venereal</u>									
Gonorrhoea	1	1							2
Syphilis		2	1						3
									5
<u>Violence</u>									
Fractured limbs.					34	96	9	19	158
spine.					2	1			3
malleolus					1	1			2
skull					3	2		3	8
ribs.					4	5		1	10
Minor injuries.					10	5			15
Contusions & abrasions					11	17			28
Sprains.					3	3			6
Abdominal injury					1				1
									231

Diagnoses	Medical				Surgical				Total
	Cured	Rel-	Unrel-	Died	Cured	Rel-	Unrel-	Died	
Violence - continued									231
Dislocation.					2	5			7
Concussion					30	15			45
Lacerations, wounds etc.					21	15		1	37
Removal of plaster					13	10			23
Infected wound.						1			1
Oedema of brain.								1	1
Fract. pelvis.					2	1			3
" nasal bone					1				1
Shock	3	2							5
Muscular strain.					1				1
									355
Miscellaneous.									
Poisoning	10	3		1					14
Alcoholism.	2	2							4
N.A.D.	51								51
With mother			31						31
P.U.O.	1	1	1						3
Hare lip & cleft									
palate.	1	1	1						3
Teething.	2	2							4
Post op: haem:	3								3
Prematurity	1			1					2
Congenital organic									
pain.		1							1
Congenital Artesia									
Anal canal			1						1
Vaccination reaction		1							1
Hereditary Dyschondroplasia			1						1
Icterus Neonatorum				1					1
Haemagroma	1								1
Malingering.			1						1
Hydrocephalus				1					1
									123

Total number of Patients Discharged from Mayday Hospital,
Year Ended 31st December, 1940.

Cured. 3,096

Relieved. 1,260

Unrelieved. 458

Died. 675

5,489

Operations performed at Mayday Hospital during 1940.

Abdominal.

Appendicectomy.	137
Appendix abscess drained.	5
Suture of Perforated duodenal ulcer.	8
For perforated duodenal ulcer.	2
Sigmoidoscopy.	3
Herniotomy.	70
Cholecystectomy.	21
Laparotomy.	36
Gastroenterostomy.	2
Cholecyst-gastrostomy.	1
Colostomy.	7
For Pyloric Stenosis .	3
Caecostomy.	2
Intussusception.	1
For intestinal obstruction.	6
For gastric ulcer.	12
Resection of colon.	5
Gastro jejunostomy.	2
For anal fistula.	8
Ligature of haemorrhoids.	8
Removal of anal tag.	3
For duodenal ulcer.	1
Drainage of abdo.wall abscess.	1
Torsion of omentum.	1
Spelectomy.	1
Repair of peptic ulcer.	1

345

Bones and Joints.

For Osteo-myelitis.	3
Amputation of limbs.	9
Wiring of bones.	25
Removal of pin.	3
Resection of rib.	2
Application of plaster.	37
Reduction of joints.	7
Manipulation of limbs.	6
Removal of fibroma of left leg.	1
Removal of internal cartilage.	3
Bone graft.	3
For Bilateral Hallux Valgus.	1
Osteotomy.	2
Internal Meniscotomy.	1

105.

Ear, Nose and Throat.

Mastoidectomy.	12
Tonsillectomy.	117
For nasal polypi.	1
Myringotomy.	5

135

Genito-Urinary.

Cystoscopy.	38
Circumcision.	18
For Hydrocele.	3
Nephrectomy.	4
Prostatectomy.	18
Cystostomy.	23
For Extravasation of urine.	1
For urethral Stricture.	3
For urethral fistula.	1
Orchidectomy.	1
Drainage of pyo-nephrosis.	1
Excision of papilloma of bladder.	2
Drainage of subphrenic abscess.	1
Cathecterisation.	1
Removal of gauze plugging from gall bladder site.	1
	<hr/> 116

Gynaecological.

Examination under Anaesthetic.	70
Total Hysterectomy.	3
Subtotal Hysterectomy.	16
Salpingo-oophorectomy.	2
Dilation and Curetage.	72
Removal of ovarian cyst.	8
Salpingectomy.	6
Incision of breast abscess.	10
Incision of vulval abscess.	3
Ovariectomy.	2
Incision of Bartholin's abscess.	2
Incision of Bartholin's cyst.	2
Incision of Peri-renal abscess.	1
Insertion of pessary.	4
Colpo-perineorrhaphy.	18
Dilatation of cervix.	2
Cauterization of cervix.	16
Repair of cervix.	2
Baldy-Webster operation.	8
Modified Pothergill's operation.	4
Insertion of Laminaria tents.	6
Removal of uterine pack.	1
Speculum & Cervical smears taken.	3
Intra-uterine injection.	2
Cauterisation of urethral caruncle.	1
For sterilization.	1
Cervical polypi.	1
Incision & repair vaginal band of tissue.	1
Insufflation of fallopian tubes.	3
	<hr/> 270

Obstetrical

Caesarean Section.	35
Evacuation of Uterus & Glycerine pack.	131
For Ectopic Gestation.	2
Induction of labour.	11
For retained products.	2
Hysterotomy.	2
Repair of 3rd degree tear.	3
Ruptured perineum.	1
	<hr/>
	188.

Miscellaneous.

Excision of glands.	2
Hemithyroidectomy.	2
Blood transfusion.	9
Incisions, abscesses, etc.	71
Cleansing burns etc.	5
Amputation of breast.	1
Suture of wounds.	13
Thiersch skin graft.	4
Excision of wounds.	5
Lumbar puncture.	73
Aspiration.	36
Removal of nail. (toe)	6
Parentesis.	14
Exploration of left lobe cerebellum.	1
Exploration of chest.	1
Venesection.	2
Suture of tendon.	2
Suture of conjunctiva of l. eye.	1
Excision of subcutaneous haemangioma of arm.	1
Enucleation of eye.	1
Needling of hip.	2
Needling of chest.	5
For hare lip,	3
A.P. refall.	14
	<hr/>
	305.

Number of patients who had teeth extracted. 151.

POOR LAW RELIEF

(a) Domiciliary Relief

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

1st January, 1940	...	4194 persons;	2421 cases
1st July, 1940	...	4095 "	2448 "
1st January, 1941	...	1900 "	1065 "

Expenditure on Outrelief during the 12 months ended 30th September, 1940 to Croydon cases resident in the Borough.

Half-year ended 31st March, 1940	...	£55,952.
Half-year ended 30th September, 1940	...	£48,684.

(b) Institutional Relief.

Number of Croydon poor persons relieved in the Mayday Hospital on 30th December, 1940 and in the Queen's Road Homes on the same date -

Mayday Hospital	28
Queen's Road Homes	575

(c) Medical Relief

During the year the Panel Medical Service Scheme continued in operation.

Particulars for year ended 31.3.41.	No.2. Dist.	No.3 Dist.	No.4 Dist.	No.5 Dist.	No.6 Dist.	No.7 Dist.
1. Average number of separate patients attended during each quarter.	176	178	190	138	273	29
2. Attendances at patients' homes	2465	1503	1143	1035	1993	267
3. Attendances on patients at the surgery	619	786	885	452	681	222
4. Total number of prescriptions written	2765	3807	3393	1972	3644	551
5. Estimated cost of drugs, dressings & dispensing	£119	£164	£146	£95	£157	£23
6. Estimated amount of per capita payment to doctors in respect of patients actually attended	3/7.6d	3/10.1d	3/3.3d	4/1.09d	3/8.9d	3/4.3d
7. Estimated average payment per service point	1.18d	1.44d	1.36d	2.15d	2.21d	1.46d

CASES OF NOTIFIED INFECTIOUS DISEASE, 1940

Notifiable disease.	Cases notified in the whole district								Total cases notified in each Ward														Total cases removed to Borough Hospital and diagnosis confirmed.	Total Deaths in respect of the Borough.	Sex Distribution																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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	At all ages	Under 1 yr.	1 - 5	6 - 15	16 - 25	26 - 45	46 - 65	66 and up	Upper Norwood	Norbury	West Thornton	Lewisham Manor	Thornton Heath	South Norwood	Woodside	East	Addiscombe	Whitehorse Mnr.	Broad Green	Central	Waddon	South					Addington																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Small Pox

= Influenzal Pneumonia only.

/ Not accommodated at Borough Hospital.

Notified Disease.	Incidence Rate per 1,000 population		Housing Conditions			Case occurring in Institutions in the Borough	Total Cases notified
	1940	1939	1-3 rooms	4-5 rooms	Over 5 rooms		
Small Pox... ..	-	-	-	-	-	-	-
Diphtheria... ..	0.34	0.81	8	36	11	13	68
Erysipelas... ..	0.26	0.20	5	27	9	4	45
Scarlet Fever	0.79	1.03	10	124	18	5	137
Enteric Fever (inc. Paratyphoid)	0.10	0.02	-	10	7	2	19
Puerperal Pyrexia. ...	0.22	0.16	-	5	-	39	44
Cerebro-Spinal Meningitis	0.21	0.01	-	15	5	20	41
Ophthalmia Neonatorum...	0.07	0.06	-	8	2	4	14
Polio-myelitis and Polio-encephalitis... ..	0.01	0.01	-	2	-	-	2
Encephalitic lethargica.	-	-	-	-	-	-	-
Acute Primary or Acute Post-natal Pneumonia...	0.25	0.25	3	30	15	2	50
Gastroenteric	0.04	0.02	-	-	3	5	8

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

Comments on the Incidence and Prevalence of Infectious Disease

Scarlet Fever was less prevalent than in 1939; the largest incidence has been in Woodside, South Norwood, Whitehorse Manor and Upper Norwood Wards.

The incidence rate of Diphtheria was 0.34 compared with 0.81 in 1939.

No cases of smallpox occurred during the year.

There were 44 cases of Puerperal Pyrexia; 18 occurred in the age group 16-25 years and 18 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 the cases treated at the Hospital during 1940. 525 patients were admitted and discharged, which, together with the patients in at the commencement of 1940 (26) gives a total of 531 cases dealt with. 26 died giving a case mortality for the Hospital of 4.6% as against 3.3% in 1939.

During 1940 a total of 18 cases were admitted from Penge and these are included in the Table. The Hospital is recognised training school for nurses. During the year 2 probationers passed the preliminary examination and 3 the final examination.

During the year 3 cases were operated upon for tonsils and adenoids.

TABLE A.

Complaint for which admitted.	Patients remaining in Hospital 1.1.40.			Patients admitted & discharged in 1940.			Patients admitted in 1940 & remaining in hospital 1.1.40.			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	9	9	-	128	128	-	19	19	-	147	147	-		33
Diphtheria	11	11	-	107	100	7	4	4	-	111	104	7	6.3	33
Enteric Fever	-	-	-	4	4	-	-	-	-	4	4	-		39
Para-Typhoid Fever.	-	-	-	13	13	-	1	1	-	14	14	-		32
Puerperal Pyrexia	-	-	-	6	6	-	-	-	-	6	6	-		14
Puerperal Fever	-	-	-	-	-	-	-	-	-	-	-	-		-
Erysipelas	1	1	-	17	14	3	-	-	-	17	14	3	1.8	11.4
Measles	-	-	-	9	8	1	3	3	-	12	11	1	1.3	12
Rubella	-	-	-	82	82	-	-	-	-	82	82	-		10.6
C.S.M.	-	-	-	63	51	12	1	1	-	64	52	12	18.7	19.4
Whooping Cough	-	-	-	4	4	-	-	-	-	4	4	-		26
Chicken Pox	4	4	-	5	4	1	-	-	-	5	4	1	20	17.2
Ophthalmia	-	-	-	3	3	-	-	-	-	3	3	-		9
Mumps	-	-	-	2	2	-	-	-	-	2	2	-		15
Tonsillitis	-	-	-	1	1	-	-	-	-	1	1	-		9
Anterior Poliomyelitis	-	-	-	1	1	-	-	-	-	1	1	-		41
Dysentery	1	1	-	6	5	1	1	1	-	7	6	1	14.2	18
Scabies	-	-	-	2	1	1	-	-	-	2	1	1	50	7
Otorrhoea	-	-	-	-	-	-	-	-	-	-	-	-		-
Cellulitis of leg	-	-	-	-	-	-	-	-	-	-	-	-		-
Tuberculosis	-	-	-	9	9	-	-	-	-	9	9	-		36
Vincent's Angina	-	-	-	1	1	-	-	-	-	1	1	-		13
Pleurisy	-	-	-	-	-	-	1	1	-	1	1	-		103
Diarrhoea	-	-	-	-	-	-	-	-	-	-	-	-		-
No Disease	-	-	-	11	11	-	1	1	-	12	12	-		-
TOTALS	26	26	-	474	448	26	31	31	-	505	479	26		

The average number of days of each patient in Hospital for all classes of patients was 33.4 days compared with 24.5 days in 1939.

SCARLET FEVER.

The total number of Scarlet Fever cases admitted during the year was 147 a decrease of 123 on 1939. 138 cases were admitted from the Borough and 9 from Pease. 4 cases sent in as Scarlet Fever were not suffering from the disease, leaving a total of 143 true cases.

	Serum Cases	Non-Serum Cases	Total
Total cases	48	95	143
Adenitis	3	8	11
Otorrhoea	1	5	6
Rhinorrhoea	3	2	5
Rheumatism	-	1	1
Relapses	1	1	2
Secondary Sore Throat	-	2	2

No deaths occurred amongst the scarlet fever cases.

AGES & SEXES ADMITTED.

	M.	F.	Total.
1 - 2	6	-	6
2 - 3	4	3	7
3 - 4	8	3	11
4 - 5	10	8	18
5 - 10	23	28	51
10 - 15	8	9	17
15 - 20	7	5	12
20 - 30	6	8	14
30 & over	7	4	11
	79	60	147

DIPHTHERIA.

111 cases were admitted with a diagnosis of Diphtheria, a decrease of 204 cases on 1939. Of these 14 were found not to be cases of Diphtheria and 35 were cases of positive swabs without clinical symptoms, leaving 62 cases of true clinical diphtheria. There were 7 deaths, a mortality of 11.3%.

Analysis of 62 cases:-

Faucial diphtheria	54
Nasal diphtheria	6
Laryngeal diphtheria	1
Faucial and nasal diphtheria	1
Total	62

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

Rhinorrhoea	6
Otorrhoea	2
Adenitis	5
Heart failure	8
Albuminuria	1
Secondary sore throat	2
Pericarditis	1
Paralysis - Palatal	5
Eyes	5

AGES & SEXES ADMITTED.

	M	F	Total
0 - 1	1	-	1
1 - 2	4	7	11
2 - 3	3	3	6
3 - 4	6	3	9
4 - 5	3	4	7
5 - 10	15	8	23
10 - 15	2	8	10
15 - 20	-	17	17
20 - 30	4	11	15
30 & over	6	6	12
	44	67	111

The type of Diphtheria cases admitted during the first four months of the year was severe and marked by toxemia.

Most of the fatal cases were admitted late, usually on the fourth day or later of disease.

The number of admissions after September was again very small - only 16 cases for the period September to end of December 1940, these including cases of positive swabs.

TYPHOID AND PARA TYPHOID FEVER.

During the year 18 cases of typhoid fever or para typhoid fever were admitted and in all cases the diagnosis was confirmed. No deaths occurred amongst the cases.

PUERPERAL PYREXIA.

During the year 6 cases of puerperal pyrexia were admitted. No cases of puerperal fever were admitted.

ERYSIPELAS

There were 17 cases of Erysipelas admitted, 2 more than in 1939. Three deaths occurred amongst them, one being complicated by heart disease, the others by senility and general septicæmia.

WHOOPING COUGH.

There were 4 cases of whooping cough, a fall of 25 cases on 1939. No deaths occurred.

CEREBRO SPINAL MENINGITIS.

Sixty-three cases of this disease were admitted but in 21 cases the diagnosis was not confirmed.

OPHTHALMIC NEONATORUM.

Three cases were admitted but they were all cases of simple Ophthalmia.

INFANTILE PARALYSIS (POLIO MYELITIS). There was only one case admitted.

DYSENTERY.

Seven cases were admitted of the Sonne type. One case of acute gastro-enteritis died.

PEMPHIGUS.

Two cases admitted as Pemphigus were really cases of septic dermatitis and of icterus; the latter case proved fatal.

MUMPS.

Seven cases were admitted as mumps, one of them was a case of alveolar abscess.

MEASLES.

Twelve cases were admitted, the diagnosis being confirmed in nine cases.

TUBERCULOSIS.

Nine cases of pulmonary tuberculosis were admitted temporarily and subsequently transferred to the Borough Sanatorium.

Out of Borough Cases.

Disease	Males	Females	Total	Deaths
Scarlet Fever	4	5	9	-
Diphtheria	2	3	5	1
Cerebro Spinal Men.	1	2	3	1
Rubella	-	1	1	-

Borough Hospital Laboratory. Diphtheria.

Cases swabbed on admission	Cases swabbed during convalescence	Negatives	Total
Positive 70	Positive 170	1684	1924

Faeces, Enteric and Dysentery Groups.

B. Typhosus Positive	B. Para Typhosus B. Positive	Dysentery Positive Sonne	Negatives Total	Total Examined
2	10	1	53	66

Widals: Dreyers Agglutination Tests.

B. Typhosus Positive	B. Para Typhosus B. Positive	Total Negative	Total Examined
4	7	2	13

Cerebro Spinal Fluids (for presence of meningococci)

Positive	Negative	Total
30	14	44

Miscellaneous Examinations.

- 3 Blood specimens for culture (sterile)
- 2 swabs for skin vesicles (Staphylococcus aureus cultivated)
- 2 specimen pus for organisms (1 specimen meningococcus grown; 1 sterile)
- 2 specimen sputums (1 B. Typhosus cultivated; 1 for TB negative)
- 2 specimen urines (examined for organisms: both sterile)
- 7 eye swabs (cultivated for organisms; 3-Staphylococcus aureus present; 5 sterile)
- 2 Vaginal swabs (examined for organisms: 1 Haemolytic streptococcus Longus present).

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	1			4	
Para-typhoid						1	2	1	2	5			1			2	14	3
Puerperal Pyrexia									3								6	
Erysipelas								1	2		1	2	3		3	5	17	3
Measles			-	3	-	5	-	2	1	1							12	1
Rubella						1	5	2	24	23	10	9	8				82	
C.S.M.	4	2	1	2	7	5	2	9	11	1	7	5	2	-	2	4	64	12
Whooping Cough	1	1			1	1											4	
Chicken pox		1			1				2			1					5	1
Ophthalmia	2	1															3	
Mumps									1			1					2	
Tonsillitis								1									1	
Anterior Poliomyelitis				1													1	
Dysentery Sonne			1		1	3	1				1						7	1
Pemphigus	1	1															2	1
Cellulitis of leg																		
Tuberculosis									4		3		1			1	9	
Vincent's Angina									1								1	
Pleurisy																1	1	
No Disease																	12	
	8	6	2	6	10	16	11	15	42	41	18	25	4	15	5	13	247	19

BACTERIOLOGICAL EXAMINATIONS

I am indebted to the Borough Pathologist, Dr. H. W. Southgate, for the figures given in the appended tables:
At the Laboratory, Groydon General Hospital.

	For private practitioners		Mayday Hosp.		For Borough Hospital		For Tub. Dispensary.		For School Medical		Other Instns. of Corpora-tion.		Other Institu-tions		Total	
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.
Swabs for Diph-theria	39	673	-	-	-	6	-	8	40	1273	3	209	22	925	104	3094
Virulence tests for Diphtheria	1	-	-	-	7	-	-	-	3	-	-	-	-	-	11	-
Sputum for Tub. Bac.	54	436	-	-	-	-	381	772	-	-	-	-	7	40	442	1198
Pus for Tub. Bac.	-	7	2	5	-	-	-	-	-	-	-	12	-	-	2	24
Pus for Gonococci	-	4	-	-	-	-	-	-	-	-	3	49	-	-	3	53
Pus for other organisms	-	16	-	-	-	1	-	-	-	-	-	76	-	12	-	105
Blood for Typhoid Groups	9	8	-	-	-	-	-	-	-	-	4	9	-	1	13	18
Blood for Wassermann	-	3	9	117	-	1	-	-	-	-	-	1	-	-	9	122
Material for Spirochaetes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Faeces for Typhoid Group	3	15	-	-	-	-	-	-	-	-	1	18	-	-	4	33
Hair for Ringworm	-	-	-	-	-	-	-	-	1	7	-	-	-	-	1	7
Examination of Urine	4	-	3	-	-	-	-	-	-	-	12	-	-	-	19	-
Examination of Pleural Fluid	1	-	4	-	-	-	-	-	-	-	1	-	-	-	6	-
Examination of C.S. Fluid	1	-	7	-	-	-	-	-	-	-	-	-	-	-	8	-
Other Examinations	25	-	236	-	3	-	-	-	16	-	153	-	9	-	442	-

Examinations Done Under National Health Insurance Act.

Nature of Examination		Nature of Examination	
Pus for Gonococci ...	15 (4 pos.)	Urine for Chemical Exam ...	2
Pus for other organisms	6	Urine for Microscopical Exam.	2
Pus for Tubercle B. ..	4 (1 pos.)	Urine for Tubercle B. ...	2
Blood for Wassermann..	3 (1 pos.)	Urine for Cultural Exam ...	2
Complete Blood Counts	10	Other Examinations ...	8

Bacteriological Examination of Milk.

Number of Samples submitted for Counts ...	389
Number under 10,000 per cc ..	136
Number over 10,000 but under 50,000 per cc..	141
Over 50,000 but under 100,000 per cc...	43
Over 100,000 but under 500,000 per cc..	32
Over 500,000 but under 1,000,000 per cc	6
Over 1,000,000 per cc... ..	31

Tubercle Bacilli -

Number of samples of milk submitted ...	388
Number found positive by inoculation test	1
The number of milk examinations decreased by {	78 for Fact. 77 for T.B.

Milk Samples

389 milk samples submitted to the Methylene Blue Test, of which 55 failed to satisfy. Of these 14 were further investigated and found satisfactory to the Bacillus Coli test.

IMMUNISATION AGAINST DIPHTHERIA

During 1940 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.

The abnormal conditions existing through the year meant a drop in the number of attendances. Thus, the evacuation and temporary closure of the schools and in the latter half of the year, the air attacks, resulted in the inability or disinclination of parents to venture far from their homes. The consequence was that during a part of the time it became necessary to cut down the sessions to one per month.

Now cases came from the following source

School cases	216
Infant Welfare cases	98
Others under 5 years	114

The ensuing tables give some further details.

Total number of sessions held	33
Highest attendance at any one session	65
Lowest " " " " "	7
Average attendance per session	28

Table 1.
SUMMARY OF WORK OF CLINIC SINCE ITS START

Year	Total attended for treatment	Now cases attended	No. of sessions held	Aver. attend. per session.	No. given primary Schick	% Pos. on Prim-ary Schick	No. given post-erior Schick	No. Neg. on Post. Schick.	& Neg. on Post. Schick	No. Completed treatment.
1934	509	509	-	36	389	-	185	-	-	135
1935	1431	1151	97	58	634	76	781	766	99.8	761
1936	2283	1661	145	61	1215	78	1264	1254	99.2	1234
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	1498	1020	61	65	593	76	678	671	98.9	1201
1940	508	428	33	28	-	-	-	-	-	419

Table 11.
SUMMARY OF ATTENDANCE AND TREATMENT 1940.

Under Treatment 1.1.40.	Received A.P.T.	Defaulted.	Total now cases 1940.
87	80	7	428

1940 cases completed treatment.	Received A.P.T.	Under treatment 31.12.40.	Defaulted.
339	339	89	13

TABLE 111
ORIGIN AND SOURCE OF CASES ATTENDING.

Year	School		Inf. Welfare C.		Others under 5 years.	
	Total	%	Total	%	Total	%
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	12.6	203	15.8
1938	1179	76.5	130	8.4	232	15.1
1939	704	69	225	22.0	91	9.0
1940	216	50	98	23.	114	27.

Immunisation in Residential Schools and Homes.

Owing to the evacuation of Residential Schools and Homes, no immunisation was conducted in the Institutions in 1940.

VACCINATION ACTS

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

Registration Sub-Districts in V.O. District.	Births Re- stered.	Vaccin- ated.	Insuscep- tible.	Statutory Declara- tions.	Died Un- vaccina- ted.	P.V.O.	Trans- ferred to other V.O.	Not traced Re-stered.	I 2 Dr- fault.	Overage when Re- stered.
South Sub-District	1292	452	11	469	45	12	71	209	21	2
West "	1469	396	10	683	40	19	6	293	22	-
North "	610	209	3	266	15	6	5	85	21	-
	3371	1057	24	1418	100	37	82	587	64	2

During the year 2,114 Forms Q were delivered personally to parents, and
175 Forms K and 125 Forms K "Final Notices." 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 showing the Numbers 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 1940

Name of Public Assist- ance Institution or Vaccination District.	Numbers of successful primary Vaccinations of persons.			No successful re- vaccinations, i.e., successful vaccin- ations of persons who had been successfully vac- cinated at some previous time.
	Under 1 year of age	1 year and upwards	Total.	
Graydon No. 1 Area ...	148	5	153	4
No. 2 Area ...	148	18	166	1
No. 3 Area ...	66	5	71	2
No. 4 Area ...	94	10	104	1
No. 5 Area ...	243	9	252	3
Addington ...	75	20	95	1
Queen's Road Homes	1	-	1	-
Mayday Road Hospital	-	-	-	-
Children's Homes ...	-	-	-	-
Shirley Schools ...	-	-	-	-
	775	67	842	12

VENERAL 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.

	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
New male patients	263	235	242	297	287	300	395	416	316	187 (a)
New female patients	205	241	214	232	213	188	184	257	191	202 (a)
Attendances, Male patients	4923	4691	4578	5858	5548	7525	8610	7318	4258	2996 (a)
Attendances, Female Patients	3271	2724	2677	3962	5977	5226	5405	5365	3150	1772 (a)

(a) Includes 121 new cases and 1784 total attendances by patients from outside areas.

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

There were 96 new patients, who made a total of 1032 attendances.

Pathological Examinations at London Hospitals for Croydon Patients.

482 Examinations were made for various Clinics and 2136 examinations of material submitted by medical practitioners.

Bacteriological Examinations carried out at London Hospitals for Croydon Patients.

Hospital	Detection of Spirochetes		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.	
St. Thomas's	-	-	78	4	54	2	86	4	226
South London Hospital for Women	5	-	32	3	20	1	12	-	73
Foyal Free	-	-	40	-	2	-	6	-	48
King's College	1	-	25	-	11	-	8	-	45
Whitechapel Clinic, L.C.C.	-	-	5	-	5	-	5	-	15
Guy's Hospital	6	-	17	744	27	531	37	847	2209
TOTAL	12	-	197	751	119	534	154	851	2618

Croydon Cases attending London Hospitals.

Hospital	Cases seen for the first time		Condi- tions other than venereal	Total No. of Attend- ances.	Aggre- gate No. of In- Patient Days.
	Syphilis	Gonorr- hoea			
St. Thomas's	-	2	27	246	-
Guy's	3	3	9	225	-
Royal Free	1	1	1	50	-
South London Hospital for Women	2	3	10	145	-
Whitechapel Clinic (L.C.C.)	-	-	1	15	-
Seamen's	-	-	1	1	-
King's College	1	2	29	350	25
Total	7	11	78	1032	25

Return relating to all persons who were treated at the Treatment Centre at Croydon during the Year ended the 31st December, 1940

	Syphilis		Soft Chancre		Gonorrhoea		Non-venereal or undiagnosed conditions.		Totals		
	M	F	M	F	M	F	M	F	M	F	Totals
1. Number of cases on 1st January under treatment or observation	75	67	-	-	28	3	9	6	112	76	188
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	-	-	9	-	-	-	13	4	17
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	7	4	-	-	-	-	-	-	7	4	11
" , secondary	1	5	-	-	-	-	-	-	1	5	6
" , latent in 1st yr. of infection	-	3	-	-	-	-	-	-	-	3	3
" , all later stages	10	11	-	-	-	-	-	-	10	11	21
" , Congenital	2	5	-	-	-	-	-	-	2	5	7
Soft Chancre	-	-	-	-	-	-	-	-	-	-	-
Gonorrhoea, 1st year of infection	-	-	-	-	80	12	-	-	80	12	92
" , later	-	-	-	-	7	6	-	-	7	6	13
Non venereal conditions	-	-	-	-	-	-	80	156	80	156	236
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.	10	11	-	-	12	1	-	-	22	12	34
TOTALS OF ITEMS 1, 2, 3 and 4 -	109	110	-	-	136	22	89	162	334	294	628

	Syphilis		Soft Chancre		Gonorrhoea		Non-venereal or undiagnosed conditions		Totals		
	M	F	M	F	M	F	M	F	M	F	Totals
5. Number of cases discharged after completion of treatment and final tests of cure or after diagnosis as non-venereal	15	18	-	-	71	9	84	154	170	181	351
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from:-											
Syphilis, primary	2	4	-	-	-	-	-	-	2	4	6
" , secondary	-	2	-	-	-	-	-	-	-	2	2
" , latent in first year of infection	2	3	-	-	-	-	-	-	2	3	5
" , all later stages	5	6	-	-	-	-	-	-	5	6	11
" , Congenital	3	3	-	-	-	-	-	-	3	3	6
Soft Chancre	-	-	-	-	-	-	-	-	-	-	-
Gonorrhoea 1st year of infection	-	-	-	-	27	2	-	-	27	2	29
" later	-	-	-	-	4	-	-	-	4	-	4
7. Number of cases which ceased to attend after completion of treatment but before final tests of cure.	11	8	-	-	13	2	-	-	24	10	34
8. Number of cases transferred to other Centres or to institutions, or to care of private practitioners.	17	8	-	-	5	-	-	-	22	8	30
9. Number of cases remaining under treatment or observation on 31st December.	54	58	-	-	16	9	5	8	75	75	150
TOTALS OF ITEMS 5,6,7,8 and 9	109	110	-	-	136	22	89	162	334	294	628

	Syphilis		Soft Chancre		Gonorrhoea		Non venereal or undiagnosed conditions		Totals		
	M	F	M	F	M	F	M	F	M	F	Totals
10. Number of attendances											
(a) for individual attention of the medical officer(s)	1256	1056	-	-	442	77	407	354	2105	1487	3592
(b) for intermediate treatment, e.g. irrigation dressing	-	-	-	-	616	45	275	240	891	285	1176
TOTAL ATTENDANCES	1256	1056	-	-	1058	122	682	594	2996	1772	4768
11. In Patients:-											
(a) Total number of persons admitted for treatment during the year	5	2	-	-	-	-	-	-	5	2	7
(b) Aggregate number of 'in-patient' days of treatment given	79	17	-	-	-	-	-	-	79	17	96
	Under 1 Yr.	1 & under 5 yrs.	5 & under 15 yrs.	15 yrs. & 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	2	6	3		7
13. Pathological Work:- Number of specimens examined at, and by the Medical Officer of, the Treatment Centre.	Microscopical								Others for diagnosis of Venereal Disease		
	for Syphilis				for Gonorrhoea						

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	<u>Croydon</u>	<u>Surrey</u>	<u>Kent</u>	<u>London</u>	<u>Total</u>
A. Number of cases from each area included under the following headings in item 3:-					
Syphilis	53	17	3	3	76
Soft Chancre	-	-	-	-	-
Gonorrhoea	77	30	3	5	115
Non-venereal and undiagnosed conditions	182	48	8	4	242
TOTAL	312	95	14	12	433
B. Total number of attendances of all patients residing in each area.	2435	860	112	812	4219

The Croydon Branch of the British Social Hygiene Council which receives a grant of £50 annually from the Borough Council towards its expenses carried out a programme which had been adapted to war-time conditions. I am indebted to the Hon. Secretary, Mrs. A. Moat for the following report, namely:-

The year under review has presented many obstacles to the work of the Branch, mainly owing to the inability to draw audiences owing to the black-out and to the mobile nature of the troops in and around Croydon. These obstacles are now disappearing, and we confidently hope that the larger attendances at the lectures now held will continue and thus enable us to reach a more encouraging proportion of the community.

During the year we have lost from the Committee (through evacuation) several valuable members, including the Chairman, Miss Alice M. Jackson, M.A., whose interest in all branches of our work was most keen, and our Hon. Secretary, Mrs. Massey. These posts have been filled, pro tem, by Mrs. A. Moat. The Committee has been strengthened by the addition of Mr. H. S. Clayton, M.A., Dr. A. C. West, and Councillor Miss Glazier.

Croydon was selected as one of fifteen boroughs to be represented on the National War Emergency Committee, and Dr. West serves as our elected representative. Dr. Olive Falk and Mrs. A. Moat attended the Annual Meeting in London and reported the proceedings to the Branch.

Suitable literature has been provided at all lectures, and a distribution of war leaflets for men and women has been made by the Croydon Y.M.C.A. and Y.W.C.A. and at every branch of our public library.

An attempt has been made to introduce our lectures to the trainees at the Croydon Government Centre, and although this was not successful at the time we hope with the help of the authorities to succeed in the near future.

Appended is the list of meetings already held, and at the time of writing we are also arranging four lectures (two in Guildford and two in Croydon) for adolescent pupils under the care of Miss Lister, M.A.

During April and May 1940 nine lectures were given to Auxiliary Fire Service personnel in Croydon by Captain Buckler (2), Dr. Feldman (2), Mr. Fellowes-Farrow (2), Mr. Dawson (2) and Mr. Hawkins (1). 600 copies of each of "Venereal Diseases and their Effects" and "Facts of Sex for Men" were distributed free at the Depots. Aggregate attendance 595.

May 1940. Four lectures fixed for troops in Horniman Hall had to be cancelled owing to the rapid changes in their movements.

December 19th, 1940. Lecture to troops in Horniman Hall on sex problems for men. 150 present.

February 14th, 1941. Lecture to troops in Horniman Hall by Mr. Dawson. 150 present.

Deaths from Cancer numbered 443 as compared with 414 in 1939, 380 in 1938; 421 in 1937; 421 in 1936; 321 in 1935; 371 in 1934; 374 in 1933; 341 in 1932; 339 in 1930; and 330 in 1929:

Death rate per 1,000 of the population for the previous 11 years are as follows:-

1929 - 1.48 (330)	1935 - 1.33 (321)
1930 - 1.52 (339)	1936 - 1.75 (421)
1931 - 1.48 (342)	1937 - 1.74 (421)
1932 - 1.44 (341)	1938 - 1.58 (380)
1933 - 1.56 (374)	1939 - 1.73 (414)
1934 - 1.54 (371)	1940 - 2.22 (443)

Table 1.

Deaths from Cancer occurred at the following ages:-

Age period	Male	Female	Total
Under 25 years	2	1	3
25 and under 35 years	2	6	8
35 and under 45 years	12	8	20
45 and under 65 years	73	99	172
65 years and over	121	119	240
	210	233	443

Sites of fatal Cancer

Table 11.

Site	Male	Female	Total	Percentage of Total.
Skin	6	2	8	1.806
Tongue and Mouth	5	-	5	1.129
Oesophagus	5	1	6	1.354
Stomach	46	31	77	17.381
Liver	7	5	12	2.709
Bowel	17	45	62	13.995
Rectum	26	10	36	8.126
Urinary Bladder	7	4	11	2.483
Prostate	22	-	22	4.966
Larynx	6	-	6	1.354
Uterus	-	33	33	7.449
Breast	-	41	41	9.255
Ovary	-	14	14	3.160
Pancreas	5	8	13	2.935
Gall Bladder and Duct	-	10	10	2.257
Bones	2	2	4	0.903
Lungs	33	14	47	10.605
Kidneys	7	2	9	2.032
Antrum	2	2	4	0.903
Lymphatic Glands	3	-	3	0.677
Pharynx and Fauces	4	-	4	0.903
Genital Organs	2	2	4	0.903
Sub maxillary salivary gland.	1	-	1	0.226
Spine	1	1	2	0.451
Reticulo endothelial sarcomatosis.	-	1	1	0.226
Brain	1	2	3	0.677
Muscle	1	-	1	0.226
Mediastinum	1	2	3	0.677
Generalised sarcomatosis	-	1	1	0.226
	210	233	443	

Comments on Foregoing Table.

The organs most often attacked in descending order of incidence are, in males the Stomach 21.9 ; the Rectum and Bowels 18.6; the Lungs 15.7; in females, the Bowels and Rectum 23.6; the Breast 17.6; the Uterus 14.2; and the Stomach 13.3. (Figures quoted are per-centages).

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 forty-eight cases of pulmonary tuberculosis and forty cases of Non-pulmonary tuberculosis were notified on Form A (primary notifications) of these 87 males and 61 females were pulmonary cases, 21 males and 19 females non-pulmonary. In addition, 61 pulmonary cases and 14 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 1940 by notification or otherwise was 263, as compared with 279 in 1939, 332 in 1938, 338 in 1937 and 311 in 1936.

209 of these were cases of Pulmonary tuberculosis: 112 in males and 97 in females. There were 28 fewer cases of Pulmonary tuberculosis in males, and 16 more in females, than in 1939.

There were 21 cases of non-pulmonary tuberculosis among children under 15 years as compared with 31 in 1939. The number of cases in adults was 33, compared with 27 in 1939.

Of the cases notified in 1940, 21 males and 10 females died from the Pulmonary form of the disease during the year, equal to 20.9% of those notified, and 7 males and 1 female from the Non-pulmonary form.

The incidence rate of Tuberculosis of all forms was 1.31 per 1,000 of the population: for Pulmonary tuberculosis 1.04 and for Non-pulmonary 0.27 per 1,000 population. This rate is low as compared with other large centres of population. The Notification rate was 0.94 per 1,000. In 1939 the corresponding figures were 1.14, 0.91, 0.23 and 0.94 per 1,000.

Public Health (Tuberculosis) Regulations, 1930.

Summary of Notifications during the period from the 1st January 1940 to 31st December 1940:-

Age periods	FORMAL NOTIFICATIONS												Total Notifica- tions on Form A.
	Number of Primary Notifications of New cases of Tuberculosis												
	0 to 1	1 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 up	Total (all ages)	
Pulmonary males	-	-	-	-	14	12	18	17	10	11	5	97	96
" females	-	1	1	1	8	13	14	11	5	3	4	61	79
Non-pulmonary males	1	2	1	2	3	3	3	2	1	1	2	21	22
" females	-	2	2	3	4	3	3	-	1	-	1	19	19

SUPPLEMENTAL RETURN.

new cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the period from the 1st. January, 1940 to the 31st. December 1940, otherwise taken 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.	-	-	-	-	2	2	8	7	3	3	-	25
,, Females.	-	1	-	-	-	6	19	4	-	3	3	36
Non-Pulmonary Males.	-	2	1	-	1	-	1	1	-	1	-	7
,, Females.	-	-	2	3	1	1	-	-	-	-	-	7

Notification Register.

Number of cases of Tuberculosis remaining on the Notification Register on the 31st. December 1940.

PULMONARY.			NON-PULMONARY.			Total Cases.
Males.	Females.	Total.	Males.	Females.	Total.	
527	463	990	104	115	219	1209

CLASSIFICATION OF NEW PATIENTS.

PULMONARY TUBERCULOSIS.

During 1940, 134 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)	53	or	39.5%
T.B. plus 1 (early cases, sputum positive)	7	or	5.2%
T.B. plus 2 (intermediate cases, sputum positive)	43	or	32.1%
T.B. plus 3 (advanced cases, sputum positive)	31	or	23.1%
	134	or	100.0%

This is 36 fewer than in 1939.

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	3	119
1939	-	-	19	44	30	3	96
1940	-	1	18	61	38	10	128

In 1940 the death rate from all forms of Tuberculosis was 0.74 per 1,000 population.

The rate for Pulmonary Tuberculosis was 0.64 and the rate for Non-Pulmonary Tuberculosis 0.1. Similar figures for 1939 were 0.46, 0.41 and 0.05.

PULMONARY TUBERCULOSIS.

In 1940 there were more deaths from Pulmonary Tuberculosis than in 1939, the greatest number occurring in the age group 25-35 years, whereas in 1939 the greatest number occurred in the 35-45 years age group. Apart from the 20-25 and 45-55 age groups, there were more deaths in all other age groups than in 1939.

In females the highest peak was reached in the 25-35 age group. In males the highest peak was also in the 25-35 age group.

The number of new cases of Pulmonary Tuberculosis in 1940 in the age groups, 15 to 35 years, was smaller than in 1939, and, as in 1939, the greatest number occurred in the 25-35 group.

NON-PULMONARY TUBERCULOSIS.

The diagnosis of the new cases entered in the Notification Register during 1940 were as follows:-

	Male.	Female.
Wrist.	-	1
Spine.	4	2
Pubic Bone.	1	-
Hip.	1	3
Foot.	-	1
Peritoneum.	6	3
Glands.	6	9
Kidney.	4	3
Kidney, Bladder and Epididymis.	1	-
Epididymis.	1	-
Fallopian Tubes.	-	1
Meninges.	4	2
Skin of Right Buttock.	-	1
	28	26

DEATHS FROM NON-PULMONARY TUBERCULOSIS.

During 1940, 21 deaths were certified to be due to Non-Pulmonary Tuberculosis, compared with 12 in 1939; 18 in 1938; 15 in 1937; 16 in 1936.

The deaths were due to:-

	Males.	Females.	Total.
Tuberculous Meningitis.	4	2	6
Tb. Meningitis and Miliary Tb.	-	1	1
Miliary and Generalised Tb.	1	1	2
Tb. Kidneys.	2	-	2
Tb. Adenitis.	2	1	3
Tb. Spine.	2	-	2
Tb. Spine and Kidneys.	-	2	2
Tb. Pancreatitis	1	-	1
Tb. Peritonitis.	-	1	1
Tb. Enteritis.	1	-	1
	13	8	21

CO-ORDINATION WITH MEDICAL PRACTITIONERS, AND OTHER BRANCHES OF THE HEALTH DEPT.

During the year 206 cases of suspected Tuberculosis were referred by private medical practitioners; 41 were diagnosed as suffering from Tuberculosis and were subsequently notified. In addition, 16 children were referred by the School Medical Service, and 25 cases from the Maternity and Child Welfare section of the Public Health Department. 87% 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 87% in 1939 83.6% in 1938 87% in 1937, and 78.3% in 1936.

The number of reports sent in by Insurance medical practitioners on their domiciliary cases (Form G.P.36) was 346.

EXAMINATION OF SPUTUM

The results of examinations made in 1940 are as follows:-

	For Clinic.	For General Practitioners.	Totals.
Positive (i.e., tubercle bacilli present)	378	65	443
Negative (i.e., Tubercle bacilli absent)	710	484	1,194
Totals.	1,088	549	1,637

For each 100 new cases and contacts examined at the Clinic, 136 specimens of sputum were examined.

1940 shows a decrease in the number of examinations of sputa made for General Practitioners. It is difficult to understand why this simple test is not always made in any doubtful chest condition.

X-RAY WORK.

694 X-ray examinations were made during the year, a decrease of 35 under 1939. This is equivalent to 86.8 for every 100 new cases and contacts seen, and compares with a rate of 91.1 in 1939, 74.7 in 1938, 68.4 in 1937 and 56.3 in 1936. 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 95 selected cases for varying periods during the year, and 42 cases were in receipt of extra nourishment at the end of the year.

INSTITUTIONAL TREATMENT.

Pulmonary Cases treated in Institutions 1940.

	In at 1st January 1940.			Admitted during 1940			Discharged during 1940			Died during 1940.			In at 31st December 1940.		
	Adults.			Adults.			Adults.			Adults			Adults.		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
Croydon Borough Sanatorium, Cheam.	40	29	-	71	66	-	59	57	-	7	5	-	45	33	-
Mayday Hospital.	16	6	-	57	49	3	29	41	3	34	12	-	9	2	-
Grosvenor.	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Burrow Hill Colony.	1	-	1	-	-	2	1	-	1	-	-	-	-	-	2
Brompton	-	2	-	8	6	-	8	7	-	-	-	-	-	1	-
Papworth.	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Ipswich Borough Sanatorium	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-
Croydon Borough Hospital.	-	-	-	-	10	-	-	9	-	-	-	-	-	1	-
Royal Chest Hospital.	-	-	-	2	-	-	2	-	-	-	-	-	-	-	-
King George's Sanatorium.	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Hill End Hospital.	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Everfield Chest Hospital.	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-
National Children's Sanatorium.	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
	62	38	3	132	131	6	103	115	6	41	17	-	56	37	3

Non-pulmonary cases treated in Institutions - 1940

	In on 1st. Jan.1940.			Admitted during 1940.			Discharged during 1940			Died during 1940.			In on 31st. Dec.1940		
	Adults			Adults			Adults			Adults.			Adults		
	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.	M.	F.	C.
Mayday Hospital	2	-	2	5	5	3	2	4	4	1	-	-	4	1	1
Royal Sea Bething Hospital	2	4	5	-	1	1	1	3	6	-	1	-	1	1	-
St.Peter's Hospital	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
St.Nicholas Hospital	-	-	2	-	-	1	-	-	3	-	-	-	-	-	-
East Convalescent Home.	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
St. Peter's Memorial Home	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
Treloar Cripples' Hosp.	-	-	-	-	-	2	-	-	-	-	-	-	-	-	2
Croydon General Hospital	-	-	-	1	5	2	1	5	2	-	-	-	-	-	-
Fyrford	2	-	3	1	2	4	2	-	2	1	-	-	-	2	5
Heritage Craft Schools	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2
Royal National Orthopaedic Hosp.	-	1	-	-	1	-	-	1	-	-	-	-	-	1	-
St.Vincent's Orthopaedic Hosp.	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-
Atkinson-Marley Conv. Hosp.	1	-	-	1	-	-	1	-	-	-	-	-	1	-	-
Tolland Lodge Conv. Home	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
	7	7	15	9	15	13	8	16	7	2	1	-	6	5	11

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 30.4% were classified as early cases; the percentage of early cases receiving treatment in institutions was in women 15.7% in men, 14.7%; 44.5% of the total cases were intermediate cases, the males showing an excess in this group - 24.4% males to 19.5% females - and 25% were definitely advanced. Of the total Pulmonary cases treated in Institutions 73.9% were potentially infectious.

98 Males, 85 females and 1 child suffering from Pulmonary tuberculosis were discharged from, or died in, Institutions in connection with the Croydon tuberculosis scheme during 1940.

The Tuberculosis Clinic and Home Visiting.

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

521 new cases were examined during the year; this is equal to 349 for each 100 deaths from the disease. 159, or 107 for each 100 deaths were found to be definitely tuberculous.

The total number of attendances at the Clinic was 4,637. The Tuberculosis Officer paid 111 home visits, and the District Health Visitors 2,470 visits for Clinic purposes. In addition, the Health Visitors made 273 primary visits for the purpose of the Notification Register.

The Tuberculosis Officer paid 50 visits to Mayday Hospital, in a consultative capacity, and there examined 221 patients.

Patients requiring home nursing or surgical dressings are attended to by nurses from the Croydon Nursing Service, by arrangement with that organisation, and 1,012 such visits were made during the year. Their assistance is a valuable adjunct in the care of domiciliary cases.

Contact examination.

The contacts of definite cases are urged to attend the Clinic for examination (and subsequent supervision). This is an important preventive measure. During the year 278 contacts were examined, equal to 186 for each 100 deaths, compared with 325 in 1939, or 301 per 100 deaths. Of these 5 were considered to be tuberculous. This is equal to a tuberculo-sig-rate per 1,000 contacts of 18.0 compared with 1.31 per 1,000 of the general population. Included in the 5 contacts found to be tuberculous are 2 who had been under observation from previous years.

516 appointments for examination were offered to new contacts during 1940 but only 278 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 759. This is equivalent to 3.8 persons per 1,000 of the population.

During the year 119 Clinic cases died; of this number 29 or 24.3% were seen for the first time in 1940.

SUMMARY OF CLINIC STATISTICS FOR 1940.

No. of persons on Clinic Register, January 1st 1940.	840
" Notified cases examined for the 1st time	61
" Cases sent for an opinion.	388
" First attendances, including 51 transfers in	850
" Consultations of T.O. with medical practitioners $\frac{3}{2}$	
(a) Personal.	24
(b) Other.	471
" Visits paid by T.O. to homes of patients	111
" Visits paid by T.O. to Cheam Sanatorium	1
" Visits paid by T.O. to Mayday Hospital.	50
" Patients examined by T.O. at Mayday Hospital	221
" Visits paid to homes of patients by Health Visitors.	2,743
" Visits paid to homes of patients by District Nurses.	1,012

Attendances of patients at the Clinic -

Men	2,011
Women	2,154
Children	472
Total.	4,637

No. of Insured patients under Domiciliary Treatment at end of year:-

Pulmonary	190
Non-Pulmonary.	12
Total.	202

No. of reports received from Panel Practitioners (G.P.36)	346
" Reports forms sent to Panel Practitioners (G.P.36)	701
" Reports received from Panel Practitioners on Forms G.P.17.	2
" Reports received from Panel Practitioners on Forms G.P.35	1
" X-rays taken	694
" Reports made to Ministry of Pensions by T.O. on general progress of Tuberculosis Discharged Ex-Service men	22
" cases referred to Light Treatment	3
" Cases referred to Orthopaedic Clinic	15
" Cases receiving extra nourishment at end of year	42
" Special examinations for National Service Medical Boards .	162

PULMONARY TUBERCULOSIS

Showing the Condition at the end of 1940 of cases discharged from Sanatoria during the years indicated

	1936	1937	1938	1939	1940	Totals
	T.B. T.B. + -	T.B. T.B. + -	T.B. T.B. + -	T.B. T.B. + -	T.B. T.B. + -	T.B. T.B. + -
Dead	5 32 = 55.1% 46.2%	1 35 = 39.3% 29%	1 19 = 25.3% 20.2%	2 20 = 20.6% 16.2%	- 6 = 10% 6.4%	9 112 = 29.6% 22.7%
Working or Fit for Work	17 18 = 31% 43.7%	29 38 = 42.7% 54%	20 44 = 58.6% 64.6%	36 44 = 45.3% 58.8%	30 26 = 43.3% 59.5%	132 170 = 44.8% 56.6%
Not able to Work	- 8 = 13.7% 10%	5 16 = 17.9% 16.9%	3 12 = 16% 15.1%	1 33 = 34% 25%	4 28 = 46.6% 34%	13 97 = 25.5% 20.6%
Left District	19 19	8 30	19 18	11 23	2 15	59 105
Totals	41 77	43 119	43 93	50 120	36 75	213 484

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. 1940		Admitted during the year		Discharged during the year		Died during the year		In on 1st Jan. 1941	
M	F	M	F	M	F	M	F	M	F
41	29	71	79	59	69	7	5	46	34

Number of Artificial Pneumothorax cases begun	25
" of Refills given	1,736
" of X-ray Screenings	1,805
" of Films taken	344
" of Sputum tests	807
" of Gas Replacements	5

IMMEDIATE RESULTS OF TREATMENT

Group	Total number of cases discharged 1940		Qui- escent		Im- proved		No Material Improve- ment		Died in the Sana- torium		Average duration of stay in days	Discharged before completion of treatment	
	M	F	M	F	M	F	M	F	M	F		M	F
Class T.B. Minus	15	18	12	17	1	-	-	-	-	-	131	2	1
Class T.B. Plus:													
Group I	6	4	4	12	2	-	-	-	-	-	213	-	2
Group II	29	20	11	5	10	9	2	2	3	-	190	3	4
Group III	9	13	-	-	2	2	3	5	4	5	171	-	1
Observation -													
Non-tuberculous	1	2	-	-	-	-	-	-	-	-	-	-	-
	60	57	27	24	15	11	5	7	7	5	-	5	8

At the beginning of 1940 there were 70 patients in Cheam Sanatorium. During the year 150 were admitted and 128 discharged, whilst 12 died, thus leaving 80 patients in at the end of 1940.

There were 8 observation cases sent in: 4 males and 4 females. Of the 4 males 1 was not tuberculous, and of the 4 females 2 were not tuberculous: therefore there were three observation cases in non-tuberculous cases which are shown above. The 5 that were tuberculous are in with the tuberculous cases and are not shown as observation.

Artificial pneumothorax cases discharged but still under treatment, 6 males, 17 females (see above), making total discharges: Males 66, females 74.

These Artificial Pneumothorax cases only refer to cases discharged in 1940: those discharged in 1939 and still having refills have not been included.

DENTAL TREATMENT FOR TUBERCULOSIS CASES REFERRED TO DENTAL CLINIC.

SUMMARY OF WORK DONE.

	<u>Males.</u>	<u>Females.</u>	<u>Total</u>	<u>Total</u> <u>1939</u>
Referred from Dispensary.	9	18	27	32
Treatment cases continued from Cheam	2	2	4	9
Attendances.	58	59	117	159
Extractions.	31	22	53	117
Fillings.	3	25	28	30
Dressings.	-	2	2	12
Scalings.	-	14	14	15
Root Treatments.	-	-	-	-
Denture Dressings.	32	19	51	54
Dentures Fitted.	12	7	19	16
"Gas Cases (on the recommendation of Tuberculosis Officer).	-	1	1	4

No. of Sessions Treatment: 21

The amount of 16s. was taken in attendance fees during the year at Lodge Rd.

DENTAL TREATMENT CARRIED OUT AT CHEAM SANATORIUM.

REVIEW OF WORK DONE.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>	<u>Total.</u> <u>1939</u>
Number examined.	59	41	100	103
Referred Treatment.	44	39	83	91
Treated.	44	39	83	85
Attendances.	226	141	367	324
Extractions	74	66	140	102
Fillings.	102	79	181	146
Dressings.	10	17	27	8
Scalings.	31	24	55	48
Root Treatments.	-	4	4	-
Denture Dressings.	26	-	26	36
Dentures Fitted.	5	-	5	11
Mandibular Injections.	14	16	30	24

No. of Sessions Treatment: 41.

MATERNITY AND CHILD WELFARE.

Notification of Births.

Notifications were received from:-

	Live Births	Still Births.	Total
Midwives	2245	44	2289
Doctors, Parents & others	755	37	792
	<u>3000</u>	<u>81</u>	<u>3081</u>

Maternal Mortality.

There were 5 deaths directly due to pregnancy, compared with 4 in 1939. The maternal mortality rate was 1.65 per 1,000 births, compared with 1.16 in 1939. In other words one mother died for every 737 live babies born.

The deaths directly due to pregnancy were caused by:-

- (a) Eclampsia.
- (b) Operation of removal of placenta for incomplete abortion, performed under gas, oxygen and ether.
Septicaemia welchii due to natural abortion.
- (c) Ante-partum haemorrhage: toxæmia of pregnancy.
- (d) Cardiac failure: ileus: Caesarean section for malpresentation, persistent transverse lie.
- (e) Criminal abortion.

Puerperal Fever and Puerperal Pyrexia.

Forty four cases of Puerperal Pyrexia were notified. This is a rate of 14.5 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.	1214	39.40
In Public Institutions	1439	46.71
Registered Maternity Homes	428	13.89

Still Births.

During 1940, 85 still births were registered in respect of Croydon. Of these 40 were male babies and 45 female; 6 males and 2 females were illegitimate. The proportion of still births to living children was as 1 to 36. The still birth rate was 2.8 per cent of the total births.

The still birth rate, on the same basis as for Infant Mortality, was 27.1 per 1,000 births.

Ophthalmia Neonatorum.

Fourteen cases were notified during 1940.

The following table gives the notifications in Croydon during the past eleven years:-

	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
No. of cases	19	14	21	10	13	13	20	21	20	15	14
Rate per 1,000 births.	5.4	5.6	6.3	3.2	4.0	3.9	6.2	6.4	6.0	4.5	4.7

Results of Treatment

Cases treated			Vision Unimpaired	Vision Impaired	Died	Removed	Remaining under treatment etc.
Notified	At home	In Hospital.					
14	7	7	11	-	-	1	-

Infant Mortality.

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

For the past 5 years the numbers of infant deaths have been 1936, 134; 1937, 195; 1938, 135; 1939, 130; 1940, 116; 77 deaths of infants occurred in Institutions, including Registered Nursing Homes.

Among the 116 deaths, 70 occurred in boy babies and 46 girls. Of the births, 1481 were males and 1468 females. The infantile mortality rate for the two sexes was, therefore:-
Boys, 47; girls, 31.

The rate of infant mortality amongst illegitimate children was 57 per 1,000. The rate in legitimate children was 36 per 1000.

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 month	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 (uncertified)	19	7	6	2	2	3	3	6	3	5	56	4	9	7	11	12	4	5	4	1	3	-	116
Chicken Pox	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scarlet Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1
Diphtheria & Group	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tuberculous Meningitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Abdominal Tuberculosis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Convulsions	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Laryngitis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..	2
Pneumonia (all forms)	..	1	..	1	..	..	..	..	2	4	1	3	4	4	4	2	2	1	..	..	..	..	25
Diarrhoea and Enteritis	..	..	..	..	..	..	..	..	..	..	..	1	1	3	2	1	..	1	1	..	..	..	9
Gastritis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Syphilis	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rickets	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Malformations	2	..	2	1	..	..	..	1	1	1	8	1	..	..	2	..	1	1	..	..	..	..	13
Premature Birth	10	4	2	..	..	..	2	2	1	1	22	..	1	..	..	..	..	..	..	..	..	..	23
Atrophy, Atelectasis, Debility and Icterus	3	2	..	..	..	..	1	..	..	..	6	..	2	..	3	..	..	..	..	..	..	..	11
Injury at Birth	3	..	1	..	1	..	..	1	1	..	7	..	..	..	..	..	..	..	..	..	..	..	7
Other causes	1	..	1	..	1	3	2	..	1	9	1	2	1	1	..	5	..	2	1	..	2	..	23

The rate of infantile mortality for England and Wales was 55, and for the 126 large towns, 61. For Croydon the rate was 39. An analysis of the above table shows that 16.4 per cent occurred on the first day of life, and 48.3 per cent before the completion of the first month.

The following table gives the causes of death during the first month of life:-

I. COMPLICATIONS OF LABOUR				
Trauma at Birth	...	...	...	<u>7</u> 7
II. FETAL STATES.				
Congenital Heart Malformation	...			4
Other Congenital Deformities	...			4
Atelectasis etc.	...	...	...	<u>6</u> 14
III. PREMATUREITY	...	...	...	<u>22</u> 22
IV. POST-NATAL CAUSES	...	...	...	<u>13</u> 13
				<u>56</u>

	Percentage Deaths per Total Infantile Deaths		Deaths per 1,000 Births	
	1940	1939	1940	1939
Premature Births	19.8	23.1	7.8	9.0
Respiratory Diseases (Pneumonia and Bronchitis)	23.3	15.4	9.2	6.0
*Infectious Diseases (inc. Tuberculosis)	3.4	1.5	1.4	0.6
Atelectasis, Debility and Marasmus.	9.5	16.2	3.7	6.6
†Diseases of Digestion.	10.3	17.7	4.1	6.9
Injury at Birth and Congenital.	17.2	16.2	6.8	6.3

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

† Analysed these deaths were due to Diarrhoea 9; Pyloric Stenosis 1; Intestinal obstruction 1 and Peritonitis 1.

MIDWIFERY SERVICE

Midwives Acts, 1902 to 1936.

Seventy six midwives notified the Local Supervising Authority of their intention to practise within the Borough during 1940. Fourteen 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 £12.12.0d., was paid out during the year.

Confinements attended by Midwives (including Municipal Midwives)

Cases attended by midwives alone	1908	61.9% of total.
Cases attended by midwives when a doctor was also engaged	792	
Cases attended by midwives when a doctor was also summoned	381	
	<hr/>	
TOTAL	3081	

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	10	Other causes	7
Albuminuria	11		28

FOR COMPLICATIONS DURING LABOUR

Breech	8	Occipito-Posterior	2
Head	2	Transverse	1
		Undiagnosed	2 15
Delayed Labour			
Uterine Inertia	4	Prolonged	19
Delayed	8		31
Haemorrhage			
Ante Partum	18	"Haemorrhage" or	
Post Partum	6	"bleeding"	3
			27
Other Causes -			
Adherent Placenta	1	Illness of Mother	23
Retained Placenta	3		164
Torn Perineum	137		

FOR COMPLICATIONS DURING PUERPERIUM

Pyrexia	7	Pain in Breasts	3
Pain in legs	8	Other causes	7
Toxaemia	1		26

FOR COMPLICATIONS IN REGARD TO THE BABY

Inflammation of Eyes	39	Convulsions	1
Still birth	2	Deformities	8
Feebleness	7	Other causes	38
Premature Birth	4		99

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

Illness of Mother	3	Other causes	5	
Insufficient Milk	8			
		Total	<u>16</u> 666	delete 666

Inspection of Midwives.

Dr. Jenkin Lloyd, the Inspector of Midwives, interviewed 14 midwives at the Town Hall. 36 visits were paid by her to the homes of midwives.

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

321 accounts were received from doctors for services rendered under the provisions of this Section. This compares with 424 in 1939, 388 in 1938, 284 in 1937, 268 in 1936, and 243 in 1935. The total amount of the accounts was £528 2s. 0d. £170 7s. 5d. was ultimately recovered from the patients. In 1939 the amount paid to doctors was £533 4s. 0d. and in 1938 £501 0s. 6d.

NURSING HOMES.

	Maternity Homes	Other Nursing Homes	Combined Maternity and other Nursing Homes	Total
No. of Homes on Register on 31.12.39.	13	25	8	46
No. of Applications for Registration during 1940	-	2	1	3
No. of Homes Registered during 1940	-	2	1	3
No. of Homes on Register on 31.12.40	9	28	7	44
No. of Beds available	69	338	(a) Mat. beds; (a) 118 49; (b) Other (b) 386 beds: 49.	

THE OBSTETRIC SERVICE

The Obstetric Service has been described in my report for 1938. The following are the statistics for 1940.

Since August, 1939 there has been a whole time resident for the Obstetric and Gynaecological Departments in Mayday Hospital. There is also a whole time resident in St. Mary's Hospital.

Taking the Registrar General's figures for maternal mortality (deaths directly due to pregnancy but excluding abortion) the rate for England and Wales for 1940 is 2.16 per 1,000 births. In Croydon the rate was 0.99. In Booked cases treated by the Obstetric Service the rate for 1940 was 0.78 per 1,000 Hospital deliveries; nil per 1,000 home deliveries and 0.45 per 1,000 over all deliveries.

Of the cases treated to a conclusion at the Post Natal Clinic during 1940, 94.7 per cent were classified as "Health Unimpaired". This signifies that anatomically and functionally their condition was the same as before their pregnancies. The corresponding figure for 1939 was 97.4.

The number of cases delivered of viable babies in Mayday Hospital with a nominal 48 beds, was 816. The number delivered at St. Mary's Maternity Hospital, with 30 beds, was 489.

GENERAL STATISTICS, 1940

No. of live births allocated to the Borough of Croydon	2949
" " still " " " " " " "	82
No. of maternal deaths (directly due to pregnancy)	3 (exclusive of abortion)
No. of cases notified as Puerperal Pyrexia	44
No. of Expectant Mothers who attended the Borough Ante Natal Clinics	3257
No. of cases delivered in Mayday Hospital as Booked cases	781
No. of cases delivered in Mayday Hospital as emergency cases	176
Total cases delivered in Mayday Hosp:	957
No. of cases delivered in St. Mary's Maternity Hospital as booked cases	489
No. of cases delivered in St. Mary's Maternity Hospital as Emergency cases	-
Total cases delivered in St. Mary's Maternity Hospital	489
No. of cases delivered by Municipal Midwives	939
TOTAL	2385
No. of cases admitted to the Puerperal Infection Unit, Borough Hospital and Mayday Hospital Isolation Wards, including 26 from Mayday Hosp. and 2 from St. Mary's Maternity Hospital.	35
No. of Maternal deaths in Booked cases from Borough Ante Natal Clinics	-
No. of Maternal deaths in Emergency cases at Mayday Hospital	1 (exclusive of abortion)
No. of maternal deaths in cases admitted as Puerperal Sepsis per se	-
Total Maternal deaths in beds of the Obstetric Service.	2 (exclusive of abortion)

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

(a) In Mayday Hospital	1131
(b) In St. Mary's Maternity Hospital	591
(c) In the Borough Hospital Puerperal Infection Unit and Mayday Hospital Isolation Wards, excluding 24 from (a) and 6 from (b)	3
(d) At the Ante Natal Clinics and delivered outside the above Hospitals (including Municipal Midwives cases)	1190
(e) At the Post Natal Clinics, excluding those included in (a), (b), (c) and (d).	463
(f) At the Ante Natal Clinics and undelivered on December 31st, 1940.	574
TOTAL	3942

ANTE NATAL SUPERVISION

	1939	1940
Number of sessions at Ante Natal Clinics held	460	411
Number of individuals who attended	3334	3257
Number of previous year's cases continuing attendance	583	574
Number of new cases	2719	2642
Number of cases undelivered on 31st December	528	574
Total attendances made	16850	15249
Average attendances per session	36	37
Number of cases delivered in hospital as Booked Cases	1265	1277
Number of cases delivered by Municipal Midwives	994	939
Number of cases delivered at other places under the care of private doctors or midwives (about)	200	200
Number of patients found not to be pregnant	24	19
Number of patients referred to hospital for Ante Natal treatment.	602	509

The conditions for which these were admitted can be ascertained by reference to the 'Booked' columns of the Numerical summary of Cases. 6 Ante-natal clinics per week are now held at Lodge Road for cases booked for Hospital delivery and 2 clinics per week for home delivery. A post-natal clinic for cases delivered at home has also been instituted.

During 1940 the Obstetric Service dealt with 2273 out of the total births allocated to the Borough.

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

Breech Presentation.

Breech presentation diagnosed	192
Spontaneous version	15
External version successful	146
External version not successful	28
Allowed to go to term as Breech	12
Not recognised as Breech before Labour	6

Dental Treatment

No. of cases referred to Borough Dental Surgeons	556
No. of cases referred to Private Dental Surgeons	89
No. of cases refusing dental treatment	45
No. of cases seen too late for necessary dental treatment	36

Tuberculosis

Referred from Tuberculosis Officer because of pregnancy.	6
Referred to Tuberculosis Officer for opinion on lung condition	6

Venereal Disease

Gonorrhoea - Total cases	4
Transferred to Borough V.D.Clinic	4
Syphilis - Total cases	4
Transferred to Borough V.D.Clinic	4

These cases are delivered in Mayday Hospital in 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 1940	241
Number of cases sent for one consultation only	72
Number of cases supervised entirely	169

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 Wassermann	97
Blood for Kahn Reaction	48
Blood for Gonococcus Fixation Test	40
Blood for Grouping	64
Blood for Culture	13
Blood for Urea Content	52
Blood for Widal's	2
Blood for Cell Count, etc.	81
Catheter urine for Routine Examination	533
Urine for Aschheim-Zondek Test	60
Urine for Urea Concentration Test	432
Lochia for Culture	24
Sputum for examination	10
Pus for identification of Organism	17
Urethral smears for Gonococci, etc.	20
Cervical smears for Gonococci, etc.	41
Conjunctival smears	43
Histological sections	101
Van den Burgh	5
Throat Swabs for Organisms	83
Faeces for Occult Blood etc.	5
Blood for other estimation	8
Blood for Hb Estimation	201
Pleural Fluid	2
Urine for T.B.	1
Cerebro Spinal Fluid	2
Breast Milk	2
Urine for Methaemoglobin	1

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

184 cases were referred from Ante-natal Clinics and 391 films were used. Reasons for reference were:-

Breech for attitude etc.	26
For presentation, attitude etc.	52
Twins	50
Foetal death	2
" parts	19
Disproportion	21
Others	14

60 cases were referred from the Maternity and Gynaecological Wards at Mayday and St. Mary's Hospitals and 129 films were used. Reasons for reference were:-

For presentation	20
Twins	1
For foetal parts	6
Foetal death	6
Hydramnios	1
Breech? Extended legs	6
Disproportion	6
Hydrocephalus	3
Anencephaly	5
Placenta Praevia	6

IN - PATIENT TREATMENT

A.- Patients "Booked" in the Ante-Natal Department:-

	<u>Mayday Hospital</u>	<u>St. Mary's Maternity Hospital</u>	<u>Total</u>
(1) Delivered in hospital after 28th week	779	489	1268
(2) Delivered in hospital before 28th week	2	-	2
(3) Admitted after delivery	7	-	7
(4) Discharged undelivered after ante-natal treatment and not subsequently delivered in hospital	-	-	-
(5) Died undelivered	1	-	1
(6) Ectopic Pregnancy	-	-	-
	<u>789</u>	<u>489</u>	<u>1278</u>

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

	<u>Mayday Hospital</u>
(1) <u>Before Labour</u>	
(a) Discharged undelivered	11
(b) Delivered in hospital after 28th week.	37
(c) Delivered in hospital before 28th week	137
(d) Died undelivered	-
(2) After Delivery	8
(3) Ectopic Pregnancy	3
	<u>196</u>
Total	<u>196</u>

MUNICIPAL MIDWIVES

Cases Attended (including twins)	827	Maternal deaths...	...	nil
Maternity Cases	112	Medical aid sought	...	234
Live Births	940	Ante-natal visits by		
Still births (3 macerated).	6	midwives	...	6385
		" " clinic attendances		3890
		Post-natal " "	...	552

Further details will be included in the Annual Report of the Obstetrical Service which is prepared as a separate report.

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.
<u>1. Conditions chiefly Ante-Natal.</u>				
Albuminuria	105	12	75	192
Eclampsia	1	2	-	3
Persistent vomiting of pregnancy	10	-	-	10
Chronic cervitis	6	-	-	6
Acute pyelitis	10	2	9	21
Malnutrition, debility, simple anaemia, etc.	30	-	6	36
Breech presentation for version	24	-	9	33
Disproportion	68	2	23	93
Retroverted gravid uterus	-	1	-	1
<u>2. Intercurrent Diseases</u>				
Chronic nephritis	3	-	-	3
Pulmonary Tuberculosis	6	-	-	6
Venereal disease	5	-	-	5
Cardiac disease	10	-	2	12
Exophthalmic goitre	-	-	-	-
<u>3. Conditions chiefly Natal</u>				
<u>Presentations at Delivery -</u>				
Anterior positions of the vertex	712	30	438	1180
Posterior positions of the vertex	28	1	41	70
Breech	39	7	16	62
Shoulder	2	1	-	3
Face and Brow	2	-	1	3
Complex	1	-	-	1
Caesarean section	35	3	3	41
Twins	15	-	5	20
Accidental haemorrhage	10	3	3	16
Placenta praevia	13	4	-	17
Hydramnios	9	1	9	19
Prolapse of cord	3	2	2	7
Retained placenta	4	2	1	7
Post-Partum haemorrhage	23	2	11	36
B.B.A.	7	-	8	15
Lacerated perineum	170	11	187	368
Obstructed labour	4	1	-	5
Premature labour	103	14	32	149
Abortion	8	146	-	154
Ectopic pregnancy		3		3
Abdominal Hysterotomy		2		2

	Mayday Hospital Booked	Mayday Hospital Emergency	St. Mary's Maternity Hospital Booked.	Total
4. <u>Conditions chiefly Post-Natal excluding re-admissions from Post-Natal Clinic.</u>				
Retroversion	19	2	17	38
Delayed involution	36	4	23	63
Breast abscess	5	-	-	5
Notified pyrexia or fever	11	14 *	6	31

In addition 3 cases of Puerperal Pyrexia per se were admitted to the Puerperal Infection Unit of the Borough Hospital.

* including 13 cases of septic abortion

Blood Transfusion. (63 obstetrical and 8 gynaecological cases)

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

One Mayday Hospital "Booked" 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 January, 1940	21	-	20	41	
Total No. of live births, still births and infants admitted with mother (B.B.A)	801	37	494	1332	
No. of infants in Hospital on 31st December, 1940.	21	-	17	38	
Living-alive on discharge from Hospital.	758	24	484	1266	94.83
Stillborn	31	10	9	50	3.74
Died (born alive, but died in Hospital).	12	3	4	19	1.42

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 782 infants discharged from Mayday Hospital, 533 were up to or over birth weight (68 per cent).

Of 484 infants discharged from St. Mary's Maternity Hospital, 329 were up to or over birth weight (68 per cent).

Twins and Triplets

There were 20 cases of Twins and none of Triplets. There was no maternal death.

	<u>Mayday Hospital Booked</u>	<u>Mayday Hospital Emergency</u>	<u>St. Mary's Maternity Hospital Booked.</u>	<u>Total.</u>
No. of cases	15	-	5	20
No. of Infants discharged alive	27	-	8	35
No. of stillbirths and infant deaths	3	-	2	5
Foetal and infant mortality	10%		20%	12.5%

POST NATAL AND GYNAECOLOGICAL CLINIC.

In 1940 68% of the "Booked" cases delivered in the Hospitals attended the Post-Natal Clinic six weeks after their confinements. This is 13% less than in 1939.

Number of Sessions held	101
No. of individuals presented	1303
No. of subsequent attendances	632
Total attendances	1935
Average attendance per session	19
No. of Post-Natal cases	1102
No. of Gynaecological cases	201

END RESULTS.

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

	<u>Mayday</u>	<u>St. Mary's</u>	<u>Total</u>	<u>%</u>
Health Unimpaired	462	327	789	94.7
Health slightly impaired	20	17	37	4.4
Health seriously impaired	4	3	7	0.8
Totals, treated to conclusion	486	347	833	

Maternal Mortality (Obstetric Service)

Two deaths occurred of Mothers dealt with by the service; one a Booked case, the other an emergency case.

The maternal mortality of "Booked" cases, i.e. cases under the continued supervision of the service, is 0.78 per 1,000 Hospital deliveries, and 0.45 per 1,000 total deliveries including the Municipal Midwives booked cases.

Puerperal Infection

Thirty-five cases were treated in isolation for puerperal infection; 6 of them in the Borough Hospital and 29 in Mayday Hospital. There was one death (an abortion).

Sources of the Cases

From Mayday Hospital -

	<u>Cases</u>	<u>Deaths</u>
"Booked" Cases	11)	
"Emergency" Cases	14)	1
From St. Mary's Maternity Hospital	6	-
From other Hospitals	-	-
From private doctors, deliveries)		
in Nursing Homes)	4	-
From private doctors, deliveries)		
at home)		

21 cases followed Labour with no deaths

14 cases followed abortion, with one death.

The 35 cases treated may be classified as follows:-

(1) Patients with infection of the genital tract	29
(a) Infection limited to uterus, vagina and perineum	22
(b) Infection involving pelvic cellular tissues, ovaries, Fallopian tubes, pelvic peritoneum or veins.	3
(c) Infection of the birth canal spread beyond the pelvis (general peritonitis septicaemia, etc)	4
(2) Patients with infective conditions not originating in the genital tract	6

The Assistant Medical Officer of Health for Obstetrics was called in by medical practitioners to see 51 obstetrical and 69 gynaecological 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 gynaecological aspects of 24 cases in the medical and surgical wards of the hospital.

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 1940, 2655 new cases under 1 year of age, and 1104 over a year of age attended for the first time; the total of attendances of infants and young children from 0-5 years decreased from 79,714 in 1939 to 66,609 in 1940. Consultations with doctors decreased from 21,511 to 21,375; 66 expectant mothers were seen, an increase of 15 on 1939, and a total of 394 visits to the Centres were paid by them. The total of all visits to the Centres was 67,003—a decrease of 13,216 compared with 1939.

The highest average attendance of mothers and babies at each session was recorded at South Croydon (83.8), Municipal (73.4), Woodside (69.7) and Boston Road (68.4).

DENTAL TREATMENT - MATERNITY AND CHILD WELFARE PATIENTS.

	Expectant	Nursing	Young Children	Total	
				1940	1939
Number examined	378	84	318	780	935
Referred for Treatment	356	71	285	712	736
Attendances	1588	552	715	2855	3323
Fillings	565	92	262	919	853
Extractions	1600	410	766	2776	3913
"Gas" Cases	249	70	210	529	634
Local Anaesthesia	233	72	20	325	383
Scalings	123	15	1	139	218
Dressings	245	80	75	400	419
Denture Dressings	723	298	--	1021	1209
Gum Treatment	33	3	1	37	37
Silver Nitrate	6	-	121	127	247
Treatments Completed	188	75	247	510	528
Number of Sessions (Treatment) 386½				Inspections at Centres 9	
Dentures Fitted: Full 166, Partial 40				Appointments kept 75%	

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

Ante Natal	367	S. Norwood	66	St. Pauls	15	St. Judes	9
Mun. Midwives	189	The Retreat	6	S. Oswalds	8	Holy Trinity	26
Municipal	49	S. Croydon	18	S. Andrews	30	Addington	15
E. Croydon	38	St. Albans	18	Waddon	34	S. Georges	2
U. Norwood	29	Woodside	26	Shirley	8		
W. Croydon	18	Norbury	6	Boston Rd	19	Total	996

The amount received for attendance fees was £70 15s. 0d. as compared with £75 8s. 6d. in 1939.

ATTENDANCES AT INFANT CENTRES -1940

	Municipal	Boston Rd.	St. Andrews	Sth. Croydon	Shirley	Woodside	Lr. Addiscombe Rd.	Sth. Norwood	Westow St.	St. Albans	St. Pauls	St. Oswald's	West Croydon	Norbury	Waddon	Selhurst	Addington	St. Stephens	Total 1939	Total 1940
1..	446	135	127	155	133	111	283	203	98	177	98	106	78	122	79	91	134	79	2703	2655
2..	5417	1567	1233	2305	1183	1502	2840	2911	1071	2661	1658	1117	1277	1681	1303	1193	1727	651	37615	33297
3..	139	72	48	46	34	54	119	78	69	104	46	29	20	66	16	39	80	45	1047	1104
4..	2863	1713	1397	1762	907	1818	2499	1826	1412	2430	2005	981	1339	1478	1290	1349	2065	419	38349	29553
5..	8865	3427	2805	4268	2257	3485	5741	5018	2650	5372	3807	2233	2714	3347	2683	2672	4006	1194	79714	66609
6..	2598	1007	935	909	724	1020	1999	2005	1191	1820	1186	864	987	877	863	922	1026	442	21511	21375
7..	121	51	51	51	51	50	101	102	51	91	59	51	51	50	48	46	101	29	1038	1155
8..	5	-	-	1	4	1	2	10	11	1	-	-	-	-	6	-	25	-	51	66
9..	14	2	-	6	6	-	29	28	33	-	-	-	37	4	79	30	60	-	454	328
10..	19	2	-	7	10	1	31	38	44	1	-	-	37	4	85	30	85	-	505	394
11..	8884	3489	2805	4275	2267	3486	5772	5056	2694	5373	3807	2233	2751	3351	2772	2702	4091	1194	80219	67003
12																				
1940	73.4	68.4	55.0	83.8	44.5	69.7	57.1	49.6	52.8	59.0	64.5	43.8	53.9	67.0	57.8	58.7	40.5	41.2		58.0
1939	86.1	84.8	91.3	97.3	72.3	99.5	76.9	66.4	48.5	86.3	85.3	87.5	65.5	86.7	84.0	82.0	56.8	51.7	77.3	

* Total average attendance each week at all Centres. - Commenced in May

1. New cases under 1 year. 2. No. of re-attendances. 3. New cases over 1 year. 4. No. of re-attendances.
5. Attendances of children 0-5. 6. Consultations with Doctor. 7. No. of Sessions.
8. Expectant Mothers. No. of new cases. 9. No. of re-attendances. and 10. Total attendances of Expectant Mothers.
11. Total attendances; 12. Average attendance per Session.

THE WORK OF THE HEALTH VISITORS - MATERNITY AND CHILD WELFARE ONLY

	C.W	R.A	M.S	A.P	A.W	F.H	A.H	C Wa.	A.O	L.W	I.E	M.W	L.O	B.D	E.C	L.B	E.W	G.B	D.B	Others	Total
1.	20	9	17	4	5	14	-	3	3	5	3	10	4	10	9	-	4	2	8	130	
2.	8	8	14	2	-	29	-	1	-	1	9	-	-	4	13	-	5	-	3	97	
3.	133	79	59	214	219	203	139	94	260	148	71	182	115	229	132	208	118	155	218	408	3382
4.	374	268	160	264	458	1042	752	265	880	521	689	623	530	909	358	491	575	873	629	1651	12312
5.	10	-	1	5	5	14	3	2	21	4	-	4	13	30	11	28	5	4	29	27	216
6.	344	185	204	174	508	773	542	211	887	309	712	377	506	596	227	352	361	537	505	1165	9475
7.	9	-	4	1	9	2	1	-	1	3	-	3	16	33	13	47	4	9	23	25	203
8.	639	459	364	455	1002	1457	691	284	612	710	738	594	520	606	256	706	613	959	413	1458	13515
9.	-	-	-	-	3	-	-	1	-	1	-	-	-	1	-	1	-	-	-	1	8
10.	-	-	-	-	-	-	-	-	-	2	-	-	1	-	-	-	-	-	3	1	10
11.	7	1	-	4	3	-	-	1	1	1	2	1	1	6	5	1	2	3	-	8	47
12.	14	104	3	8	2	6	-	9	1	-	133	-	5	74	1	18	12	29	78	214	711
13.	2	5	3	3	3	5	-	-	4	5	1	5	2	9	2	4	7	3	1	5	70
14.	16	1	58	9	7	2	5	5	29	9	19	1	6	15	21	27	4	4	8	202	448
15.	396	234	653	497	689	452	489	339	446	525	466	635	610	789	586	587	602	754	1235	1386	11370
1940	1972	1333	1540	1640	2913	3999	2622	1215	3145	2244	2843	2435	2329	3311	1634	2469	2306	3339	2144	6564	51994
1939	1602	955	859	1129	1683	2820	1888	1224	1630	1274	1848	2256	1912	2989	513	1019	1884	1273	1809	1491	40131

Visits to expectant Mothers
1. First visits
2. Re-visits

Infants under 1 year
3. First visits
4. Re-visits

Children 1 - 2 years
5. First visits
6. Re-visits

Children 2 - 5 years
7. First Visits
8. Re-visits

Ophthalmia Neonatorum
9. First visits
10. Re-visits

11. Still births
12. Milk (Mothers and Children's order)

13. Houses where deaths of infants occurred.
14. Miscellaneous visits.

15. Ineffective visits.

ASSISTED MILK SCHEME

Dried Milk Supplied at	On Dec.31st 1939	New cases during the year	Cases discontinued	On Dec.31st 1940
Free	532	491	1015	8
Half price ..	85	79	164	-
Total ..	617	570	1179	8

In cases where there has been a change from free milk to milk at half-price it has been counted as a new case. The year showed a great decrease in assisted milk cases following the inception of the National Milk Scheme.

ASSISTED FLUID MILK SCHEME

The amount of milk granted was 118,000 pints. In 1939 it was 228,500.

Supplied to Families.	No. of Pints.	Corporation Liability
Milk at half price...	6,000	£. s. d. 43. 15. 0.
Milk Free	112,000	1655. 6. 8.
	118,000	£1699. 1. 8.

DRIED MILK (COUPON) SCHEME

The amount of dried milk granted free or at half-price was 11,360 packets. In 1939 it was 14,553 packets.

	No. of Packets.	Corporation Liability
Dried Milk at Half-price ...	1,860	£. s. d. 201. 10. 0.
Dried Milk Free	9,500	990. 0. 0.
	11,360	£1,191. 10. 0.

DRUGS SUPPLIED UNDER COUPON SCHEME

During the year £315. 0. 0d. was spent on drugs. In 1939 it was £303. 2. 7d.

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 (all with mothers)	1
Total number of weeks	4
Cost, £5. 16. 6d.	
Number of mothers sent for convalescence.	9
Number of children under 5 sent with their mothers to cottages.	9

A grant of £500 was made by the Council to the Association for this work in 1940. The year is the financial year ending 31st March, 1940.

HOME HELPS

From January to December 31st, 415 mothers applied for Home Helps, and 367 were supplied. £360 was collected in payment for their services. At the end of the year there were 30 names of Home Helps on the register.

BABIES' HELP REPORT

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

"At the beginning of 1940 the Babies' Help Committee had seven cases on the books; at the end of the year there were eight cases. During the year 21 Mothers and Babies were helped. The Committee would thank the Health Visitors for their co-operation in this work.

CROYDON ASSOCIATION OF MORAL WELFARE.

This Association has a home for Girls at 34 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.

THE CRECHE, WHITEHORSE ROAD.

The Council give an annual grant of £300 towards the cost of this Creche. A total of 6,623 attendances was recorded.

COOMBE CLIFF CONVALESCENT HOME.

The following is a summary of the cases dealt with:-

Number of cases admitted during the year - 77

Total number of cases discharged - 73

Number of patient days. - 83.6 per patient.

AGE GROUPS OF CASES ADMITTED.

	0-4	5-8	9-12	Over 12	Total
Male	23	6	4	2	35
Female	29	5	8	-	42
Total... ..	52	11	12	2	77

CONDITION ON DISCHARGE.

	0-4		5-8		9-12		Over 12		Total.	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Improved.	17	13	2	5	5	2	-	-	24	20
Much improved	8	5	4	3	1	3	-	-	13	11
No change.	1	-	-	-	-	-	-	-	1	-
Discharged at parent's request etc.	-	2	2	-	-	-	-	-	2	2
Total	26	20	8	8	6	5	-	-	40	33

CHILD LIFE PROTECTION.

PUBLIC HEALTH ACT, 1936, PART VII

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

The Tables below give figures for 1940.

FOSTER CHILDREN

No. as at Dec. 31st 1939.	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 1940
		Parent	Another area with Foster Parent	Another Foster Mother	Public Institution				
198	148	100	29	32	12	29	-	9	135

The number of foster-children showed a decrease of 63 during the year.

FOSTER MOTHERS

No. as at December 31st. 1939	Applications for Authorisation during the year.	Removals during the year		Authorisation cancelled for other reasons	No. as at December 31st. 1940
		With child	Without child		
119	45	11	19	27	107

The number of foster-mothers decreased by 12 during the year.

The Health Visitors paid 1,342 visits to foster-mothers for the purpose of supervision.

ORTHOPAEDIC DEPARTMENT.

The arrangements are the same as in 1939.

Summary of Cases Attending the Orthopaedic Clinic.

Jan. 1st 1940.			New cases, 1940.			Cases discharged 1940.			Cases on Books Dec, 31st 1940.		
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.
161	224	68	108	43	15	8	8	3	264	259	80
	456			156			19			603	

Cases seen by Orthopaedic Surgeon.

DEFECTS.	School.		M.C.W.		Tuberculosis.		Total.	
	Cases.	Visits paid	cases.	Visits paid	cases.	Visits paid	Cases.	Visits paid.
Infantile Paralysis.	13	30	1	2	-	-	14	32
Curvature or postural defects.	10	28	1	2	-	-	11	30
Pes Cavus.	5	11	11	16	-	-	16	27
Pes Planus.	20	39	5	12	-	-	25	51
Genu Valgum.	13	23	50	100	-	-	63	123
Talipes.	7	20	15	59	-	-	22	79
Gastetrical Paralysis.	1	3	1	1	-	-	2	4
					36A	78A		
Joint Diseases.	2	10	1	2	17S	31S	56	121
Injuries	2	11	1	4	-	-	3	15
Rickets.	1	2	6	16	-	-	7	18
Wry Neck.	3	3	3	5	-	-	6	8
Spastic Paraplegia.	9	21	4	5	-	-	13	26
Congenital dislocation of the Hip.	6	11	3	6	-	-	9	19
Other deformities.	19	43	43	75	-	-	62	118
	111	255	145	307	53	109	309	671

Summarised the Table shows 111 school children attended and made 255 attendances; 145 babies made 307 attendances; and 53 tuberculosis cases made 109 attendances; a total of 309 cases, making 671 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.C. Cases			Tuberculosis Cases			Total		
	Cases	No. of treatments	X-Rays	Cases	No. of treatments	X-Rays	Cases	No. of treatments	X-Rays	Cases	No. of treatments	X-Rays
Infantile Paralysis	2	58	-	-	-	-	-	-	-	2	58	-
Curvature or postural defect	7	195	-	1	34	-	-	-	-	8	229	-
Pes cavus	1	12	-	-	-	-	-	-	-	1	12	-
Pes planus	7	76	2	1	7	-	-	-	-	8	83	2
Genu Valgum	3	28	-	2	-	2	-	-	-	5	28	2
Talipes	-	-	-	4	175	-	-	-	-	4	175	-
Joint Disease	-	-	-	-	-	-	20	-	23	20	-	23
Injuries	1	-	1	-	-	-	-	-	-	1	-	1
Rickets	-	-	-	-	-	-	-	-	-	-	-	-
Wry Neck	2	1	1	2	13	-	-	-	-	4	14	1
Spastic paraplegia	1	-	1	-	-	-	-	-	-	1	-	1
Cong. Dis. of the Hip	2	-	2	1	-	2	-	-	-	3	-	4
Other Deformities	5	14	5	8	1	9	-	-	-	13	15	14
	31	384	12	19	230	13	20	-	23	70	614	48

Cases sent to Residential Institutions.

No. of Institution.	School Cases.			M.C.W. cases.			Tuberculosis cases.			Total.			
	No. in on Jan 1st 1940.	Admitted.	Discharged.	No. in on Jan 1st 1940.	Admitted.	Discharged.	No. in on Jan 1st 1940.	Admitted.	Discharged.	No. in on Jan 1st 1940.	Admitted.	Discharged.	No. in on Jan 1st 1941
Pyrford.	-	1	-	-	1	-	2A	2A	3A	5	9	5	9
Croydon General Hospital.	-	3	3	-	2	2	3S	3S	2S	-	9	9	-
Heritage Craft Schools	1	-	-	-	-	-	2S	-	-	3	-	-	3
Pinner.	3	1	3	2	-	-	1A	-	1A	6	1	4	3
Lord Mayor Treloar Hosp.	-	-	-	-	-	-	-	1M	-	-	1	-	1
Royal Sea-Bathing- Hospital.	-	-	-	-	-	-	5A	1A	4A	10	2	8	4
Cheyne Hosp.	1	-	-	-	-	-	5S	1S	4S	-	-	-	-
Queen Mary's Hosp.	-	-	-	-	-	-	2S	-	2S	3	-	2	1
Royal Nat. Orth. Hosp.	-	1	1	-	-	-	-	1S	-	-	1	-	1
Mayday Hosp.	-	1	1	-	-	-	1A	1A	1A	1	2	2	1
	-	1	1	-	-	-	2A	4A	4A	-	-	-	-
	-	-	-	-	-	-	2S	2S	3S	4	7	8	3
	5	7	8	2	3	2	25	22	28	32	32	38	26

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

CONDITION.	In on Jan 1st 1940.	Admitted Or trans ferred	Discharged.			In proved.	I.S.Q.	Died.	In on Jan 1 1941.
			Arrested	Quies	cent.				
Infantile Paralysis.	-	1	-	-	-	1	-	-	-
Tubercular Joint Disease.	25	22	7	3	2	2	1	2	19
Other Joint disease.	1	2	1	-	-	-	-	-	1
Hemiplegia.	1	-	-	-	-	1	-	-	-
Genu Valgum.	-	-	-	-	-	-	-	-	-
Pes Cavus.	-	-	-	-	-	-	-	-	-
Talipes.	1	2	-	-	-	-	-	1	1
Rickets.	-	-	-	-	-	-	-	-	-
Other Deformities.	1	1	-	-	-	1	-	-	1
Spastic Paraplegia.	1	-	-	-	-	1	-	-	-
Scoliosis.	-	-	-	-	-	-	-	-	-
Injurica.	1	1	1	-	-	-	-	-	1
Congenital disease of hip.	1	3	-	-	-	-	1	-	3
	32	32	9	3	6	2	3	26	

The percentage of arrested and quiescent cases was 60% whilst 30% were "improved".

MENTAL DEFICIENCY

Number of known Mentally Defective Persons in the Borough -

1. Statutory Cases -

Aged 0 - 5 years	...	...	...	3
Aged 5 - 16 years	117
Over 16 years	<u>407</u>

Total ... 527

2. Education Cases -

Aged 7 - 16 years	115
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Combined total 642

Compared with 1939, the Statutory cases show a decrease of 172 and the Education cases 71.

Twelve of the cases under Statutory supervision have died. Five died in an Institution, one under guardianship, two were under observation and four were under statutory supervision.

The Statutory cases are distributed as follows:-

In Certified Institutions	...	...	153
In Approved Homes	...	...	2
On leave from Institutions	...	...	8
Under Statutory Supervision at Home			242
Under Guardianship	...	...	65
In Mental Hospitals	...	...	13
Cases under Public Assistance	...		6
Observation Cases	...	...	<u>38</u>

The Education cases were distributed as follows:-

In Certified Residential Schools	...	10
In Certified Day Schools	...	74
At Private Schools	...	3
Awaiting vacancies at St. Christopher's.		<u>28</u>

During the year the Certifying Medical Officers made examinations and paid visits to the number of 100 to Statutory cases and 46 to Education cases - a total of 146, a decrease of 37 compared with 1939. The Mental Deficiency Visitors paid 1,832 visits to Statutory cases and 746 Education cases, 2,578 visits in all, a decrease of 1,422 on 1938 figures.

During the year 48 names have been added to the Statutory List - of whom 16 were notified from the Local Education Authority.

During 1940, thirty Statutory cases were dealt with as follows, viz:-

Sent to Certified Institutions	...	7
Placed under Guardianship	...	4
Sent to Croydon Mental Hospital	...	1
Varying Orders -		
(a) Change of Guardian	...	5
(b) From one Institution to another	...	5
(c) From Guardianship to Institution		<u>5</u>
Orders closed	...	<u>3</u>
		<u>30</u>

Forty nine Orders were renewed during the year - 13 of which were guardianships.

The number of cases sent to Certified Institutions shows a decrease of 4.

GUARDIANSHIP CASES

There are 65 cases under Statutory guardianship - 36 of these under the care of relatives, and 10 with guardians who are not relations. 9 males and 3 females are at work.

400 visits have been paid to guardianship cases during the year.

There are 8 cases on leave from institutions (2 boys and 6 girls)

TOWN HALL CLINIC FOR MENTALLY DEFECTIVE, BACKWARD AND ABNORMAL CHILDREN.

56 children were examined during 1940. The classifications arrived at, together with the recommendations made are summarised as under:-

1.	Certified as Mentally Defective	10
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Recommendations-

(a)	Recommended for Special Day School	...	6
(b)	Referred to Occupation Centre or Institution	...	4
2.	Found to be dull and backward	...	13
(a)	Referred to a Special Class	...	3
(b)	Further trial in Ordinary Class	...	10
3.	Found to be physically defective and to attend St. Giles School	...	1
4.	Physical examinations at St. Christopher's School	...	10
5.	Referred to Child Guidance Clinic	...	1

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 now visited at regular and frequent 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	396
Number of blind who benefit from instruction in Braille or Moon type (including those who already read)	89
Number of blind who benefit from part-time instruction	56
Number in remunerative handicrafts	
(a) Home worker	40
(b) In workshops	4
(c) St. Dunstan's	8
(d) Workers not included in scheme	17
Home Teacher	1

The Health Visitors paid 577 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; and (f) the unemployable blind persons in homes, mental hospitals or institutions.

M. - Males.
F. - Females.
T. - Total.

WELFARE OF THE BLIND - REGISTRATION. As at 31/3/41

Age Period 0-1	Age Period 1-5	Age Period 5-10	Age Period 10-20	Age Period 20-30	Age Period 30-40	Age Period 40-50	Age Period 50-65	Age Period 65-70	Age Period 70 & over	(i) Total of all age Groups (ii) Age unknown.
M F T	M F T	M F T	M F T	M F T	M F T	M F T	M F T	M F T	M F T	M F T
- - -	- - -	8 4 12	2 2 4	24 24 48	28 19 47	56 56 112	13 28 41	45 84 129	(1) 176 217 393 (11) 1 2 3	

Ages at which Blindness Occurred.

Age Period 0-1	Age Period 1-5	Age Period 5-10	Age Period 10-20	Age Period 20-30	Age Period 30-40	Age Period 40-50	Age Period 50-60	Age Period 60-70	Age Period 70 and over	Age Period unknown
M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.	M. F. T.
23 17 40	6 11 17	11 7 18	13 7 20	14 13 27	28 19 47	21 31 52	20 33 53	19 28 47	6 33 39	16 20 36

	Normal		Mentally Defective		Physically Defective		Employed			Undergoing Training			
	M.	F.	M.	F.	M.	F.	By Blind Organisations (a)	(c) All others not included in (a) and (b)	(d) Total	(e)	(f)	(g) Professional and University	(h) Trained But Unemployed
In Schools for the Blind	8	3					Workshops Home Workers						
Other Schools							M. F. T. M. F. T.	M. F. T.	Employed	Industrial	Secondary		
Not at School			I				II 2 13 27 13 40	14 3 17	52 18 70	M. F. T. M. F. T. M. F. T.	M. F. T. M. F. T.	I I	I I

(i) No training but trainable - Nil. (j) Unemployable - M. 117 F. 196 T. 313. (k) Total M. 169 F. 215 T. 384.

Occupations of Employed Blind Persons

	Agents, Collectors etc.	Basket Workers	Bedding (inc luding divans and Ottomans & Upholster- ing.	Boot Repairers	Braille Copyists and Proof readers	Brushmakers	Carpenters and Woodworkers	Chairseaters	Clerks & Typists	Coal bag makers	Dealers, Tea agents Newsagents, Shop- keepers	Firewood workers	Gardeners	Hawkers, News vendors etc.	Home Teachers	Hand	Machine	Labourers	Message	Mat Makers	Ministers of Religion	Musicians & Music teachers	Netting makers	Porters, packers, cleaners	Poultry Farmers	School teachers	Ship Warden (Fendoff) makers	Telephone Operators	Tuners	Weavers	Miscellaneous	TOTAL
Within Institution for the Blind	3	1				1			1						1		1					1				3					1	13
In approved Home Workers Schemes	6			1				5				1					11		1	2		1							12			40
Others (not partime workers)	2										4			1			1		1	2	2	1			1				2			17
TOTAL	11	1		1		1		5	1		4	1		1	1		13		2	4	2	3			1	3		2	12		1	70

(a) Mentally Defective			(b) Physically Defective			(c) Deaf (i) Deaf Mute (ii)			Combinations of (a) & (b)			Combinations of (a) & (c)			Combinations of (b) & (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
3	3		1	2	3	3	1	4	1	-	1	-	1	1	-	-	-	-	-	-	5	7	12	-	1	-	-	3	3	6	16	22

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 December 31st, 1940 of the work carried out by the Sanitary Inspectors and other officers under my supervision.

ROBT. J. JACKSON,
Chief Sanitary Inspector.

SUMMARY OF INSPECTIONS MADE BY THE SANITARY INSPECTORS, AND OTHER DEPARTMENTAL WORK.

Total No. of Houses inspected for housing defects (under Public Health or Housing Acts)...	3086
No. of houses inspected under the Housing (Consolidated Regulations) 1925...	2341
No. of Houses inspected under the Rent Restriction Acts...	26
No. of Houses inspected where zymotic diseases have occurred...	234
House drains tested with smoke (primary)...	824
House drains tested with smoke (on application)...	17
No. of smoke tests during repair...	193
Inspection of drainage work during construction...	3182
No. of water tests during repair...	197
Final tests of drains after repair...	70
Final tests of drains when completely relaid...	42
Length of new drains tested... yards...	1101
Inspection of yards, stables and manure pits...	473
" Passages...	191
" Public Conveniences...	3301
" Pigstyes...	79
" Tents, Vans, and similar structures...	7
" Theatres, Cinemas, Halls, etc.	100
" Ponds and Ditches.	13
" Schools and School Lavatories.	37
" Common Lodging Houses.	17
" Houses let in lodgings	70
" Premises where offensive trades are conducted.	22
" Gipsy Encampments, camps, etc.	30
" Cesspools... ..	23
" Pail closets, privies.	13
" Gathering Grounds.	119
Food Control - Visits concerning price lists and orders...	4430
" " Visits regarding complaints of shortages...	271
" " Visits concerning complaints of overcharging...	156
" " Miscellaneous visits and retail licence applications	2046
A.R.P. Inspections concerning measures for protection against gas contamination.	109
" Miscellaneous inspections and reinspections after air raids... ..	4406
" Inspections of posts and centres	244
" Inspection of damaged houses.	7775
" Inspection of damaged food shops	2016
Smoke Observations.....	61
No. of Visits re Infectious Diseases.	1164
Inspections of Shops (under Shops Acts)...	3974
Special Early Closing Patrols.....	400
Sunday Patrols... ..	7
Special Evening Patrols under Shop Hours Act... ..	33
Inspections under Fertilisers and Feeding Stuffs Act... ..	8
" under Pharmacy and Poisons Act....	92
" Dairies....	126
" Farms and Cowsheds... ..	123

Inspections	Milkshops...	504 *
"	Premises where food is prepared or sold.	5251
"	Slaughterhouses.	106
"	Factories with mechanical power.	733
"	Factories without mechanical power.	291
"	Workplaces, Public Health Act.	387
"	Outworkers Premises.	221
Visits re Young Persons Employment Act.		65
Baths inspections.		9
Water Samples examined.		92
Visits to Employers of Outworkers		86
Reinspections of Work in Progress		24269
Sundry Inspections and Visits.		5690
Appointments kept with Owners, builders, etc.		2124
Complaints from public investigated (for purposes other than inspection of House).		4180
Examination of Building Plans.		20
Informal Notices outstanding 31/12/39		1891
" " served.		6454
" " complied.		6745
No. of Informal Notices referred for Statutory Orders		575
Informal Notices outstanding		1025
Statutory Notices outstanding 31/12/39.		170
" " served.		763
" " complied.		712
Total number of complaints received.		2200
Interviews with callers.		3702
Letters received.		4091
Letters and other intimations, etc., sent (not including notices).		2032

Nuisances, Infringements of Acts, Byelaws, Regulations or Orders, ascertained by the Sanitary Inspectors during the year 1940 and for which action was taken to enforce compliance:-

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

Insufficient means of Ventilation -		
Defective windows and sashcords	1275	
Want of windows or ventilators	12	
Conditions causing dampness -		
Defective roofs	938	
" gutters and downspouts	535	
" walls, etc.	203	
Deposits of refuse causing dampness.	4	
Want of proper damp proof course.	337	
Other structural defects -		
Defective plaster.	903	
Cleansing and linewashing required.	1213	
Defective floors.	237	
Insufficient ventilation under floor	18	
Defective brickwork, cills, lintels, etc.	337	
Defective stoves and fireplaces	385	
No concrete site under floors.		
Defective drains, sanitary fitting, etc. -		
Defective sinks and waste pipes	307	
Abolition of drinking water cisterns	10	
Defective w.c.'s.	891	
" drainage.	358	
Stoppage in drains.	119	
Abolition of pail closets, privies, etc.	1	
Soil pipe connected to surface water sewer.	1	

Domestic nuisances -	
Want of cleanliness	8
Dirty w.c. pans	3
Other nuisances and infringements -	
Offensive accumulations	56
Insufficient accommodation for sub-tenants.	8
Defective manure receptacles... ..	6
Want of manure receptacles.	3
Defective sanitary conveniences	18
Dirty sanitary conveniences... ..	6
Smoke nuisances... ..	2
Sundry nuisances or defects... ..	427
Linewashing of stables	3
Particulars not inserted in Rent Book (Housing Act) ...	704
" " " " " " (Rent Restriction Act)	197
(2) FACTORIES & WORKPLACES -	
Want of cleanliness... ..	46
Inadequate ventilation	1
Insufficient drainage of floors... ..	-
Overcrowding... ..	-
Abstract not exhibited	1
Thermometers required.	20
Unreasonable temperature..	1
Damp conditions	1
Defective drains... ..	3
Notices re maximum no. required... ..	5
Outworkers registers required.	3
W.C.'s.	
Insufficient... ..	6
Unsuitable or Defective	192
Not separate for sexes	3
(3) INFRINGEMENTS OF CROYDON CORPORATION ACT, 1924.-	
Food cupboards defective or required..	170
Dustbins required..	384
Vermineous conditions... ..	82
(4) INFRINGEMENTS OF PUBLIC HEALTH ACT, 1925 (S.72-75) INFRINGEMENTS OF FOOD BYE-LAWS, AND FOOD AND DRUGS ACT, 1938.	
Cleansing or repair of walls and ceilings..	34
" " repairs of floors,utensils,fixtures,etc... ..	14
Dirty or defective w.c. accommodation..	12
Food storage accommodation required	2
Animals kept in food store.	3
Refuse bins uncovered	4
Accumulation in food store and yards adjacent..	23
Food in uncovered vehicles or baskets..	-
Food improperly kept or manufactured... ..	6
Promises not suitable for storage or manufacture of food.	6
Want of provision of towels	8
Provision of cloak room accommodation..	13
Want of intervening ventilated space to w.c.... ..	3
Food premises used for sleeping purposes... ..	1
Offal bin required... ..	3
Insufficient or defective sink accommodation and... .. water supply... .. ,,,	9

(5)	INFRINGEMENTS OF PUBLIC HEALTH AT: PAVING, Etc.	
	Defective yard paving... ..	213
(6)	INFRINGEMENTS OF SHOPS ACT -	
	Insufficient lighting to w.c.	14
	Insufficient or defective w.c. accommodation.	14
	Reasonable temperature required..	1
	Provision of means of heating	1
	Unsuitable or insufficient washing facilities	9
	Insufficient accommodation for assistants' meals.	3
	Seating accommodation required for females... ..	1
	Assistants Weekly Half-Holiday Notices required, etc.. ..	159
	Mixed Shop Notices required..	43
	Hours of employment forms not exhibited or incorrect.	617
	Infringements in hours of employment.	15
(7)	INFRINGEMENTS OF COMMON LODGING HOUSE BYELAWS	-
(8)	INFRINGEMENTS OF HOUSES LET IN LODGINGS BYELAWS..	
	Defective windows and sashcords... ..	4
	Want of food storage accommodation	2
	" " Artificial lighting to common staircase..	1
	Cleansing required... ..	7
	Provision of balusters to stairs..	2
	Defective w.c. accommodation.	1
(9)	INFRINGEMENTS OF OFFENSIVE TRADE BYELAWS -	
	Fishfrying premises -	-
	Limewashing required... ..	1
	Other premises -	
	Dirty or defective w.c. accommodation..	1
	Cleansing and whitewashing required	3
	Dirty or defective yard paving... ..	2
	Offal bins required... ..	1
(10)	INSPECTION OF AMUSEMENT HOUSES -	
	Defective sanitary fittings... ..	1
	W.c. defective... ..	5
	W.c. required cleansing..	1
	Notices to be fixed to door of lavatories.	1
(11)	KEEPING OF ANIMALS -	
	Nuisances in connection with the keeping of pigs..	4
	Nuisances arising from the keeping of other animals... ..	6
(12)	INSPECTION OF WATERCOURSES, etc. -	
	Cleansing of watercourses and ponds... ..	2
(13)	INFRINGEMENTS OF PHARMACY & POISONS, etc., ACT -	
	Article not labelled in accordance with the Act... ..	4
	Nicotine sheds not properly kept... ..	1
(14)	INFRINGEMENTS OF FERTILISERS & FEEDING STUFFS	
	ACT, Sec.1 (1) (11)... ..	-
(15)	INFRINGEMENTS OF RAT & MICE DESTRUCTION ACT -	
	Infestation of rats on premises where food is	
	prepared or sold -	1
	Accumulations of refuse, etc., harbouring rats	13
	Structural defects allowing ingress of rats into..	
	dwelling houses	6
	Dilapidated sheds, etc., harbouring rats..	9
	Rats in business premises.	2

(16) INFRINGEMENTS OF MERCHANDISE MARKS ACT &
AGRICULTURAL PRODUCE & MARKING ACT -

Apples not marked...	14
Tomatoes " " ...	9
Eggs " " ...	3
Butter " " ...	1
Currants " " ...	1
Sultanas " " ...	1
Meat " " ...	3

(17) INSPECTION OF SCHOOL LAVATORIES -

Defective sanitary fittings. ...	1
----------------------------------	---

(18) INFRINGEMENTS OF OTHER BYELAWS -

Noisy animals...	9
Noisy instruments...	1
Milk bottles on public highway...	4

(19) INFRINGEMENTS OF PUBLIC HEALTH (MEAT) REGULATIONS -

Carrying meat by meat porter without head covering..	1
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(20) INFRINGEMENTS OF FOOD AND DRUGS (ADULTERATION ACT, 1928) -

Margarine not marked ...	9
--------------------------	---

(21) INFRINGEMENTS OF MILK AND DAIRIES REGULATIONS, etc. -

Dirty cowsheds or dairies...	2
Defective sanitary fittings. ...	1
Offensive accumulations ...	2
Pasteurised Milk sold unlabelled ...	2

SANITARY CERTIFICATES

During 1940 requests were made in connection with 5 houses.
The following defects were ascertained in consequence of
these inspections:-

Defective gully...	1
" downspout ...	1
" drains ...	2
" sanitary fittings ...	1
" w.c.'s. ...	2
" brickwork ...	1
" Dampness ...	1

RENT RESTRICTION ACTS.

A number of applications were received for certificates as to the condition of repair of the houses concerned. In 5 instances where the Acts applied certificates were granted. In 2 instances certificates were given to owners stating that the work had been carried out.

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 1940 205 houses had been approved for demolition and demolition orders had been made; 173 houses had been actually demolished, the tenants being re-housed, when they desired, by the Council; 691 persons were displaced. Twenty-three houses have been demolished through informal action, 26 persons being displaced. In addition 93 closing orders have been made and 90 parts of houses closed for human habitation; 230 persons being displaced.

The following tables give particulars as to housing during 1940 under the headings prescribed by the Ministry of Health:-

1.	Inspection of Dwelling Houses during the year:-	
(1)	(a) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	3086
	(b) Number of inspections made for the purpose.	3086
(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.	2341
	(b) Number of inspections made for the purpose	2341
(3)	Number of houses found to be in a state so dangerous and injurious to health as to be unfit for human habitation.	-
(4)	Number of dwelling houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation	1973
2.	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.	1657
3.	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.	370
2.	Number of dwelling houses which were rendered fit after service of formal notices	
	(a) by owners	283
	(b) by local authority in default of owners.	2
B.	Proceedings under Public Health Acts	
1.	Number of dwelling houses in respect of which notices were served requiring defects to be remedied.	6
2.	Number of dwelling houses in which defects were remedied after service of formal notices	
	(a) by owners	5
	(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.	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.	-

OVERCROWDING.

Housing Act, 1936. Overcrowding.

- (a) (i) Number of dwellings overcrowded at the end of the year
- (ii) No. of families dwelling therein.
- (iii) No. of persons dwelling therein.
- (b) No. of new cases of overcrowding reported during the year.
- (c) (i) No. of cases of overcrowding relieved during the year.
- (ii) No. of persons concerned in such cases.
- (d) Particulars of any cases in which dwelling houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.

Ø NOTE: Owing to the evacuation of families it has been found impossible to bring this table up to date.

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.

<u>Inspections</u> Premises.	Inspections.	Number of Written Notices	Prosecu- tions.
FACTORIES (with mechanical power)	733	63	-
FACTORIES (without mechanical power)	291	98	-
Other premises under the Act	387	49	-
TOTAL	1411	210	-

<u>Defects Found.</u> Particulars.	No. of Defects Found	Remedied	Referred to H.M. Inspector.	Prosecu- tions.
Want of Cleanliness	46	41	-	-
Overcrowding	-	-	-	-
Unreasonable temperature	1	1	-	-
Inadequate ventilation	1	1	-	-
Ineffective drainage of floors-	-	-	-	-
Thermometers required	20	18	-	-
<u>Sanitary Conveniences -</u>				
Insufficient	6	4	-	-
Unsuitable or Defective	192	177	-	-
Not separate for sexes	3	-	-	-
<u>Other Offences -</u> (not including offences re- lating to homework or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers Order, 1921) and re-enacted in the Third Schedule to the Factories Act, 1937).	13	13		
TOTAL	282	255		

Factories	Mechanical	716
	Non-Mechanical	335
Temporary Factories	Mechanical	15
	Non-Mechanical	26
Other premises under the Act.	Employers of outworkers	30

Bakehouses.

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

No. of Bakehouses on Register, 31st December 1940	81
No. of underground bakehouses (included in above)	5
Visits made to bakehouses during the year	168
Defects found	27
Notices issued and complied with	20

Home Work.

Lists of home workers are sent in twice yearly, and last year contained the names of 149 workers residing within the Borough, 221 visits were paid to outworkers and 86 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, 1940

<u>Nature of work.</u>	<u>No. employed.</u>	<u>Outwork in infected premises.</u>	<u>Outwork in un- satisfactory premises.</u>	<u>Re- marks</u>
Making, cleaning altering and repairing wearing apparel.	91			
Upholstery work.	14			
Lace goods.	5			
Other classes of work.	51			
TOTAL		161		

REGISTERED AND LICENCED PREMISES IN THE BOROUGH, 31st DECEMBER 1940.

Slaughterhouses (not including Public)	3
Bakehouses	81
Common Lodging Houses	2
Houses let in lodgings	60
Dairies and Milkshops	267
Cowsheds	13
Offensive Trades	34
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	142
Premises registered for preparation or sale of ice cream.	279

INSPECTION OF OFFICES - PUBLIC HEALTH ACT.

During 1940, 146 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 the 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 the 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 came into force during the year.

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.

4414 inspections were made and a number of infringements were found as set out.

COMMON LODGING HOUSES.

1. 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 situate at Pitleke, 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 seven nights.

The number of men accommodated during the year was 22,630. 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.		
1931	£1385	6	4	£1711	19	6
1932	1517	8	4	1547	5	5
1933	1437	2	6	1544	7	10
1934	1469	16	1	1695	8	9
1935	1488	11	5	1420	14	9
1936	1446	0	2	1381	19	2
1937	1378	14	8	1348	7	2
1938	1253	2	0	1580	6	5
1939	1284	3	4	1269	0	4
1940	1178	11	10	1059	10	0

2. Private Common Lodging Houses.

There are 2 common lodging houses on the register.

During 1940 17 inspections were made.

Notices were served for the conditions and defects found.

The following table gives the situation of and the accommodation in the common lodging houses:-

Premises.	No. of rooms.	Accommodation.
11 & 12, Princess Road	10	38 men and women.

HOUSES LET IN LODGINGS.

There are 66 houses registered under the Byelaws.

70 visits were made for inspection purposes.

16 notices were served for various amendments.

13 notices were complied with.

The following table gives the situation of these premises -

Road	No. of houses let in lodgings.
Beulah Grove.	1
Princess Road	1
Queens Road, Croydon	2
Ely Road	5
Forster Road	8
Wilford Road	16
Nursery Road	1
St. James' Road	1
Lodge Road	1
Tamworth Road	2
Bert Road	1
Bensham Manor Road	1
Clyde Road	4
Canning Road	2
Dorby Road	2
Belgrave Road	2
Pawsons Road	1
Windmill Road	4
Heathfield Road	1
St. Peter's Road	2
Alexandra Road	1
Whitehorse Road	2
Grange Road	1
Solhurst Road	1
Wellesley Road	1
South Norwood Hill	1
Sydenham Road	1

Notices were served for the conditions and defects found.

OFFENSIVE TRADES.

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

22 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	30
Gut Scrapers	2
Rabbit Skin Drier	2
Fellmonger	-

34

RAG FLOCK ACTS, 1911 and 1928.

Six samples were obtained and subjected to analysis, the results being as follows:-

No. 1	contained	8	parts of Chlorine	per	100,000
" 2	"	9	"	"	"
" 3	"	14	"	"	"
" 4	"	7	"	"	"
" 5	"	15	"	"	"
" 6	"	12	"	"	"

The six 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 61 observations were made of factory chimneys for the purpose of detecting offences under the Act. Two notices were sent and amendments carried out to stop the nuisance.

AMUSEMENT HOUSES.

100 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.

85 inspections were made in connection with the keeping of animals. There were 42 premises including institutions, where pigs were known to be kept in the Borough.

4 notices were served to abate nuisances arising from various causes in connection with the keeping of pigs and 6 notices were served to abate nuisances in connection with the keeping of other animals.

BYELAW - 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 9 instances and the nuisance was abated.

SCHOOLS.

37 inspections of schools and school lavatories were made during 1940.

The water supply in all cases is from the mains.

INSPECTION OF WATERCOURSES, ETC.

During the year 13 visits were made to ditches, watercourse 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 9, and application was made and granted for entry into the list of the names of 10 deputies. In addition, 248 applications were made for the retention of names on the list for a further period of twelve months.

Five infringements of the Act were found.

FERTILISERS AND FEEDING STUFFS ACT, 1926.

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

DISINFECTATION.

The Borough Disinfecting station is situate 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 women attendant deals with school children and women.

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

By Steam	51337	articles.
By Formalin gas.	2242	"
By Formalin spray.	2341	"

	55920	

In addition 474 articles were destroyed on request.

Disinfection after infectious or contagious disease was carried out in

954 rooms at 719 houses
87 hospital wards.
651 hospital clinic and creche rooms
7 vehicles
3 huts
1 tent
1743 library and 395 other books
21 rooms Fire Station.
1 factory
1 hall.

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 1940, 1304 such articles were disinfected, the receipts for this work amounting to £54. 19. 0.

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	4951
Pillows	193
Mattresses	491
Cushions	104
Overall sets	10

Disinfestation of furniture etc., by Hydrogen Cyanide is carried out in certain cases before tenants occupy Corporation houses.

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

Forty-four cases were dealt with during the course of 1940 without any ill effects to any person, either householder or operator.

A number of notifications were received from contractors who have been employed by private persons to carry out cyanide disinfection of houses. While the process was being carried out the premises were kept under observation by the inspector. At the conclusion a certificate was 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. Cyanide is not used in houses, but is used for furnishings. The latter process is carried out in the special vans.

Number of Council houses -	
(1) Infested	21
(2) Disinfested	21

Number of houses other than Council houses -

Disinfested -

Number of houses, other than Council houses
disinfested by owners or tenants 82

CLEANSING OF VERMINOUS PERSONS ETC.,

During the year 19 adults and 132 children were cleansed for verminous conditions and 97 adults and 201 children for scabies.

RATS AND MICE DESTRUCTION.

The rat-catcher is a permanent member of the staff, and no charge is made for his services.

Rats are destroyed by the following methods: Dogs, poison baits, traps and rat vernish smeared on cardboard.

Close co-operation is carried out between the rat-catcher and the District Sanitary Inspectors.

The following is a summary of the visits paid during 1939 under the Rats and Mice (Destruction) Act, 1919.

Premises.	No. of visits made.	No. of poison and other baits laid.	No. of Killed.
Private houses	763		
Butchers	3		
Other premises where food is prepared or sold.	17	1187	87
Other premises	76		
Total	859	1187	87

FOOD SUPPLY.

The supervision and inspection of the food supplies is carried out by eighteen 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 32,255 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	232
Grocers and Provision Shops	762
Greengrocers and Fruiterers	526
Confectioners, Bakers and Pie Makers.	683
Ice-Cream Shops	320
Hotel and Restaurant Kitchens and Dining Rooms	320
Butchers	245
Fishmongers (including fried fish shops)	161
Other food premises.	62
Ham and Beef Shops	93
Sweet Manufacturers	12

3416

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 foodstuffs, 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.

A watch has been kept especially for street traders who frequent the public Elementary Schools when the children are going in and coming out, and who trade toys, sweets, etc., for old clothing.

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.

During the year the Sanitary Inspectors have carried out the undermentioned visits:-

Visits regarding the exhibition of price lists and to advise re Price Control Orders	4430
Visits regarding complaints of shortages	271
Visits regarding complaints of overcharges etc.,	156
Miscellaneous Visits including visits regarding applications for Retail Licences	2046
	<hr/> 6903 <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.

The following animals were slaughtered at the Public Slaughterhouses during 1940:-

Pitlake.

<u>Cattle</u>	<u>Calves</u>	<u>Sheep</u>	<u>Pigs</u>	<u>Total</u>
5153	2567	14213	9867	31800

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 1940.

<u>Description.</u>	<u>Causes.</u>
63 beef carcasses and offals	General tuberculosis.
37 beef forequarters	Localised tuberculosis.
44 beef parts	" "
38 beef offals, complete	Tuberculosis.
658 sets beef lungs	Localised tuberculosis.
260 beef heads	" "
211 beef various offals	" "
30 beef heads	Actinomycosis.
6 beef carcasses and offals	Oedema and Emaciation.
29 beef various parts	Inflammatory etc.
847 beef various offals	Inflammatory conditions etc.
7 veal carcasses and offals	General tuberculosis.
12 veal plucks	Tubercular
6 veal various offals	Tubercular.
6 veal carcasses	Inflammatory etc.
12 veal various offals, etc.	Inflammatory etc.
17 pig carcasses and offals	General tuberculosis.
2 pig forequarters	Localised tuberculosis.
112 pig heads	" "
34 pig plucks	" "
3 pig various offals	" "
43 pig offals, complete	Tubercular.
17 pig carcasses and offals	Swine fever.
11 pig carcasses and offals	Acute swine Erysipilas.
45 pig carcasses and offals	Inflammatory conditions etc.
115 pig plucks	" "
506 pig various offals and 34 parts	" "
30 pig carcasses and offals	Oedema and emaciation
9 sheep carcasses and offals	" "
9 sheep parts	Inflammatory etc.
154 sheep plucks	Parasitical etc.
572 sheep various offals	" "

Total weight: 94426½ 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 and the animals slaughtered etc. consequently reduced in number,

The number of animals slaughtered in the Private Slaughterhouses during the part of the year before control was:

<u>Cattle</u>	<u>Calves.</u>	<u>Sheep.</u>	<u>Pigs.</u>	<u>Total.</u>
5	53	161	236.	455

The following meat and offal from Private Slaughterhouses was condemned and disposed of during 1940.

<u>Description</u>	<u>Cause.</u>
1 beef liver	Parasitical
1 pig carcase and offal	General tuberculosis.
2 pig heads	Localised tuberculosis.
2 pig plucks	Localised tuberculosis
2 pig plucks	Inflammatory etc.
3 sheep sundry offals	Parasitical etc.

Total weight - 136 lbs.

Total number of animals slaughtered for human consumption in the Borough during 1940:-

<u>Cattle</u>	<u>Calves</u>	<u>Sheep</u>	<u>Pigs</u>	<u>Total.</u>
5158	2620	14374	10103	32255

Summary of whole carcasses condemned with the reasons for such condemnation.

<u>Class of Animal.</u>	<u>Tuber- culosis.</u>	<u>Emaciated and Dropsical.</u>	<u>Inflam- matory conditions.</u>	<u>Umbilical pyemia</u>	<u>Swine Fever.</u>	<u>Acute Swine Erysipelas.</u>	<u>Swine Enteritis.</u>	<u>Jaundice & Emaciation.</u>	<u>Septicaemia.</u>	<u>Putrefac- tion.</u>	<u>Unsound etc.</u>	<u>Total carcasses.</u>
Cattle	63	4	1	-	-	-	-	1	-	-	-	69
Calves	7	2	2	1	-	-	-	-	-	1	-	13
Sheep	-	12	2	-	-	-	-	-	-	1	1	16
Pigs	19	30	41	-	17	11	1	-	2	2	2	125
TOTALS	89	48	46	1	17	11	1	1	2	4	3	223

Carcasses inspected and condemned.

	<u>Cattle</u>	<u>Calves</u>	<u>Sheep & Lambs</u>	<u>Pigs.</u>
Number killed	5158	2620	14374	10103
Number inspected	5158	2620	14374	10103
All diseases except tuberculosis: Whole carcasses condemned.	6	6	9	103
Carcasses of which some part or organ was condemned.	811	12	734	655
Percentage of the number inspected affected with disease other than tuberculosis.	15.8	0.7	5.2	7.5
Tuberculosis only Whole carcasses condemned	63	7	-	18
Carcasses of which some part or organ was condemned	737	18	-	149
% of the number inspected affected with tuberculosis	15.5	0.9	-	1.6

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	781
Fishmongers	187
Fried Fish Shops	123
Grocers	1170
Greengrocers	611
Poultry and Game Dealers	36
Cooked and Prepared Meat Shops	208
Bakers' Premises	168
Confectioners Premises	622
Markets	219
Hawkers carts and barrows	157
Hotel and other Kitchens etc	359
Ice Cream Manufacturers and Vendors	258
General Shops	295
Other premises	57

5251

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 were condemned and disposed of during 1940.

81 beef parts and trimmings	Unsound.
126 lbs. beef kidneys	"
195 lbs. beef livers	"
2974 lbs. beef offals (various)	"
275 lbs. veal offals (various)	"
3380 lbs. mutton parts	"
7 mutton carcasses	"
10319 lbs. mutton offals (various)	"
4 pork carcasses	"
875 lbs. pig offals (various)	"
1542 lbs. pork parts.	"
3572 lbs. bacon and ham.	"
861 lbs. haddock, cod etc.	"
92 lbs. butter.	"
197 tins etc. peas, plums, pineapple etc.	"
105 tins sardines, salmon etc.	"
40 tins milk and cream.	"
355 packets cheese etc.	"
230 lbs. sweets.	"
270 lbs. chestnuts.	"
200 lbs. blackcurrants.	"
102 lbs. chickens, pies etc.	"

Total Weight 22,523½ lbs.

2

DISPOSAL OF CONDEMNED FOODSTUFFS.

- MILK

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.

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

- 104 -

Number of cows provided for	184
Average No. of cows in sheds 1940.	138
No. of dairies and purveyors of milk on register 1939.	273
No. of dairies and purveyors of milk added to register 1940.	60
No. of dairies and purveyors of milk discontinued 1940.	66

Net. 267

Grand total of cowsheds, dairies and
purveyors of milk on register 280
31st December, 1940.

During the year 753 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) Pasteurizing establishments. 2
 - (b) Shops. 47
5. Dealers' Supplementary Licences to use the designation:-
 - (a) Tuberculin-Tested 3
 - (b) Accredited 1
 - (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 dairyman. 3

Accredited Milk-

Licenced local producers supplying milk to a
licenced dairyman -

Pasteurised Milk-

Samples from licenced dealers. 164

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

TUBERCULIN TESTED

(Licences granted under the Milk (Special Designations) Order 1936.

	Present.	Absent	Present in 1/100 m.l.	Absent.	Present.	Absent.	Present.	Absent.	Exceeding a trace.	Not exceeding a trace.	Satisfied test.
Tubercle bacillus		3									
Bacillus Coli			3								
Blood						3					
Pus								3			
Detritus										3	
Methylene Blue Test											3
Total.		3		3		3		3		3	3

The above 3 Tuberculin Tested milk samples contained total bacteria per m.l. as follows:-

Under 5,000	1
Over "	2

Under the Regulations Tuberculin Tested Milk shall satisfy a methylene blue reduction test and contain no coliform bacillus in one hundredth of a millilitre.

The following tables summarise the results of the bacteriological examinations of Pasteurised Milk Samples during the year:-

PASTEURISED MILK

(Licences granted under the milk (Special Designations) Order 193

	Present.	Absent.	Over 100,000 per m.l.	Under 100,000 per m.l.	Present.	Absent.	Present.	Absent.	Present.	Absent.
Tubercle bacillus.	164									
Total number of bacteria	3	161								
Blood.					164					
Pus.							164			
Detritus.								164		
	164	3	161		164	164		164		

These 164 Pasteurised Milk samples contained bacteria per m.l. as follows:-

Under 1,000	3
1,000 - 5,000	17
5,000 - 10,000	29
10,000 - 20,000	37
20,000 - 30,000	20
30,000 - 50,000	15
50,000 - 100,000	21
Over 100,000	21
	<hr/>
	164
	<hr/>

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

PROVISION AS TO MILK SUPPLY.

During the year 209 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	3
Samples in course of delivery from country cowsheds to local dairymen and purveyors of milk in the Borough.	10
Samples taken at dairymen's premises in the Borough.	22
Samples taken in course of delivery by local dairymen or milk sellers on their rounds in different parts of the Borough.	174
	<hr/>
	209.
	<hr/>

One sample proved to be tuberculous.

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 to 31st December, 1940.

	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	1	208										
Total no. of bacteria			50	159								
Blood.					-	209						
Pus							209					
Detritus										209		
Methylene Blue Test.										175	34	

1	208	50	159	-	209	209	209	175	34
---	-----	----	-----	---	-----	-----	-----	-----	----

The 209 samples taken under the Milk and Dairies (Consolidation) Act, 1915, were samples of milk which had been produced in the following areas:-

	No. obtained.	No. tuberculous.
Croydon	6	-
Kent.	-	-
Surrey	-	-
Sussex	3	1
x Unclassified	200	-

x 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 1940.

FOOD AND DRUGS ACT, 1938

During the year 260 samples of milk and 770 other samples were taken.

Three samples of ice cream were taken during the year. The Public Analyst reports that one sample contained 8% milk fat, two samples contained 11.8% and 8.3% fat other than milk fat respectively.

SUMMARY OF SAMPLES

During 1940 samples were obtained and submitted to the Public Analyst as follows:-

<u>Samples of</u>	<u>Total</u> <u>samples</u>	<u>Genuine</u>	<u>Not</u> <u>Genuine</u>	<u>Prose-</u> <u>cutions</u>	<u>Con-</u> <u>victions</u>	<u>Cautions</u>
Milk	260	235	25			2
Anchovy Paste	1	1				
Arrowroot	8	8				
Asparagus	6	6				
Aspirin Tablets	10	10				
Bacon	7	7				
Baking Powder	17	17				
Baked Beans	2	2				
Beef Sausage	14	14				
Beans in Tomato Sauce	1	1				
Bitter Beer	3	3				
Black Puddings	6	6				
Black Treacle	1	1				
Bloater Paste	2	2				
Boiled Mutton	1	1				
Boiled Sweets	7	7				
Boracic Ointment	2	2				
Brawn	22	22				
Bread	13	13				
Breakfast Sausage	6	6				
Brisket	2	2				
Bun Flour	9	9				
Butter	15	15				
Candied Peel	5	5				
Castor Oil	4	4				
Chicken & Ham Roll	3	3				
Chicken & Ham Paste	6	6				
Chicken Soup	1	1				
Cocoa	16	16				
Cod Liver Oil	4	4				
Coffee & Chicory	20	20				
Coffee	7	7				
Cooking Fat	17	17				
" Sugar	1	1				
Cookeen	2	2				
Cooked Ham	1	1				
Collared Head	1	1				
Condensed Milk	1	1				
Comp. Liquorice Pdr.	1	1				
Confection of Senna	1	1				
Corned Beef	4	4				
Corn Flour	10	10				
Crab & Lobster Paste	2	2				

	Total samples	Genuine	Not Genuine	Prose- cautions	Con- victions	Cautions.
Cream Chicken						
Soup	3	3				
Cream Tomato Soup	1	1				
Cream of Tarter	12	12				
Currants	8	8				
Custard Powder	19	19				
Camphorated Oil	2	2				
Cheese	12	12				
Chopped Suet	5	2	3	2	1	1
Demarara Sugar	2	2				
Dessicated						
Coconut	1	1				
Dried Apricots	3	3				
Dried Fruit	1	1				
Dried Prunes	1	1				
Dripping	13	13				
Dry Ginger Ale	3	3				
Egg Substitute Pdr	12	12				
Elderberry Wine	1	1				
Faggots	1	1				
Fish Cakes	8	8				
" Fillets	1	1				
" Paste	8	8				
Flaked Rice	1	1				
" Tapioca	1	1				
Flour	8	8				
Galantine Beef	1	1				
Ginger Ale	1	1				
" Beer	13	13				
" Wine	8	8				
Gin	3	3				
Glycerine	1	1				
Golden Syrup	3	3				
Granulated Sugar	7	7				
Grape Fruit Squash	1	1				
Ground Almonds	9	9				
" Cinnamon	7	7				
" Coffee	2	2				
" Ginger	10	9	1			1
Ground Rice	14	14				
Ham - Tinned	1	-	1			1
Ham	5	5				
Ham & Tongue Paste	1	1				
Honey	11	11				
Ice Cream	3	1	2			
Jam	17	17				
Jellied Veal	1	-	1			1
Lard Substitute	5	5				
Lemonade	14	14				
Lemon Cheese	3	3				
Lemon Crystals	1	1				
Lemon Curd	11	11				
Lemon Squash	4	4				
Liver Sausage	6	5	1			1
Luncheon Sausage	14	14				
Lunch Tongue	1	1				
Margarine	7	6	1			
Meat Paste	2	2				
Meat Pies	2	2				
Meat Roll	1	1				
Mild Beer	3	1	2			2
Minced Beef	3	3				

	Total samples	Genuine	Not Genuine	Prose- cutions	Con- victions	Cautions
Mincemeat	5	5				
Mint Sauce	6	6				
Mixed Fruit Drops	3	3				
Mullagatawny Soup	1	1				
Mushroom Soup	1	1				
Mustard	8	8				
Oatmeal	6	6				
Olive Oil	6	6				
Orange Crush	1	1				
Ox Tail Soup	3	3				
Pearl Barley	7	7				
Pepper	6	6				
Piccalilli	1	1				
Pickled Onions	5	5				
Pickled Walnuts	1	1				
Pickles	1	1				
Plain Flour	4	4				
Pork & Beans	2	2				
Pork Brawn	2	2				
Pork Sausages	6	6				
Pork & Veal Sausages	3	3				
Grade "3"						
Preserved Beef						
Sausages	1	1				
Pressed Beef	3	3				
Prunes	1	1				
Raisin Wine	3	3				
Rice	3	3				
Rissols	4	4				
Rice Flour	1	1				
Rum	2	2				
Salmon & Shrimp						
Paste	3	3				
Salmon & Tomato						
Cutlet	1	1				
Sausage, Beef Grade 3	2	2				
" " " B	3	3				
" Breakfast	1	1				
" Smoked	4	4				
Saveloys	3	3				
Seed Tapioca	1	1				
Self Raising Flour	2	2				
Smoked Bacon	2	2				
Special Margarine	1	-	1			
Sponge Mixture	7	7				
Still Lemonade	1	1				
Sugar	5	5				
Sultanas	2	2				
Steak & Kidney Pie	1	1				
Sherbert	1	1				
Shredded Beef	1	1				
Syrup of Figs	1	1				
Table Jellies	6	6				
Tapioca	8	8				
Tee	7	7				
Tinned Beans	1	1				
Tinned Soup	1	1				
Tinned Peas	7	7				
Tincture of Iodine	1	1				

	Total samples	Genuine	Not Genuine	Prose- cutions	Con- victions	Caution's
Turkey & Tongue						
Paste	1	1				
Vanilla Bun Flour	2	2				
Veal & Ham Sausage	2	2				
Veal & Ham Pie	1	1				
Vinegar	1	1				
Wefer Oats	1	1				
White Pepper	3	3				
White Bread	1	1				
Whiskey	4	3	1			1
	1030	991	39	2	1	10

Result of Analysis of New Milk Samples

SOLIDS NOT FAT (Legal standard is 8.5%)

8.1	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2
1	6	18	31	57	87	45	6	5	3	1

MILK FAT (Legal standard is 3%)

3.0	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.2	4.7
2	6	25	47	42	35	40	27	22	8	3	1	2

Total samples of new milk 260

The samples of milk for analyses were obtained as follows:-

Country milk in course of delivery by train to local dairymen	-
Country milk in course of delivery by motor lorry to local dairy-	6
(men	
On milk rounds	130
"Appeal to cow" samples	-
At shops	112
Taken at Institutions	9
Taken at farms	3
Other samples	-
	<u>260</u>

AVERAGE COMPOSITION OF NEW MILK SAMPLES

Solids not fat	8.65%
Milk fat	3.49%

Percentage of new milk samples below legal standard 9.61%

Adulterated samples.

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

No.	Sample	Adulteration or Deficiency	Remarks
537	Milk	1% deficient in milk solids other than milk fat	Further samples taken proved genuine
598	Milk	do.	
741	Milk	do.	
851	Milk	do.	
864	Milk	do.	
872	Milk	do.	These samples were from the wholesale section of a large combine. Subsequent samples proved genuine
857	Milk	3% added water	
1174	Milk	1% do.	
1183	Milk	1% do.	
800	Milk	1% do.	
45	Milk	2% do.	
113	Milk	1% do.	
119	Milk	2% do.	
1081	Milk	1/2 of 1% do.	
1085	Milk	1% do.	
640	Milk	1% deficient in milk solids other than milk fat	Further samples taken proved genuine.
78	Milk	4% do.	These samples were from a local producer. A cow in the herd was found to be giving milk deficient in fat. Further samples taken from this source proved to be genuine
79	Milk	1% do.	
626	Liver sausage	Sample contained sulphur dioxide 210 parts per million	Vendor's explanation accepted.
780	Chopped suet	Contained: Beef fat 82.9% Rice flour 14.7% Moisture 2.4%	Fine & Costs £3. 16. 0.
761	Chopped suet	Contained: Beef fat 86.9% Rice flour 11.2% Moisture 1.9%	Case dismissed with costs against the Corporation
1189	Chopped suet	Contained: Beef fat 86.3% Rice flour 11.5% Moisture 2.2%	Vendor warned.
76	Jellied veal	Contained Sodium Nitrate 700 parts per million	Manufacturer's explanation accepted.
130	Tinned ham	35% ham, 45% bread, 20% excess water.	do.
164	Special Margarine	Contained Borax	Borax subsequently found to have been added under Licence.
598	Margarine	As above	
169	Ground Ginger	Contained Sulph. Diox. 170 parts per million	Manufacturer's explanation accepted.
598	Whiskey	35.5 Under proof.	Vendor warned.

586. Mild Beer) Lead was found to be
588. Mild Beer) present in these
two samples

The two licensed houses concerned had new beer pipes fitted. Further samples were taken when the installations were completed and these samples were found to be genuine.

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.

COUNTY BOROUGH OF CROYDON.
ANNUAL REPORT
OF THE
SCHOOL MEDICAL OFFICER
FOR THE YEAR ENDING DECEMBER 31ST, 1940.

Ladies and Gentlemen,

I have the honour to present to you my thirteenth Annual Report on the work carried out by the School Medical Service.

The report has been drastically curtailed, though the work has been continued upon the same basis as has been shown in pre-war reports.

In order that continuity should not be broken full statistics are being kept, but only the more important Tables are now included in the report, whilst letterpress has been reduced to the minimum consistent with retaining readability.

Owing to the requirements of H.M. Forces changes have occurred in staff and at times, owing to pressure of other duties, the department has been hard pressed. I wish to renew my thanks to them for the manner in which they have overcome difficulties. To the members of the Education Committee and to the Education Officer and his staff I am grateful for the ready advice and co-operation I have at all times received.

Yours faithfully,

OSCAR M. HOLDEN.

School Medical Officer.

Cost of the School Medical Service.

The gross cost of the medical, dental and nursing services was £14,842; from this an income of £547 should be deducted, making a nett cost of £14,295. The rateable value of the Borough in 1940 was £2,483,476. The Government grant is 44.15 per cent. of the expenditure, hence the actual cost to the rates was £7984, i.e. a rate of 0.84 pence. The figures do not include £300. for Medical Inspection (Higher Education) and for Blind Persons £317 nett.

Cost of Special Schools

Schools maintained by the Council, £8060; Contributions to schools under other authorities, £5028, Loans charges, £1565. Other expenses (travelling etc.) £26. Income from parents' contributions and other receipts £532, giving an actual cost of £14,147 of which £7,902 was payable out of local rates, giving a rate of 0.63 pence.

Cost of Milk and Meals

Milk and meals cost £1276. 13. 4; wages, fuel, printing etc., £619. 0. 6; income from parents' contributions, £32. 16. 2; giving an actual cost of £1,862. 17. 8.

There has been a slight increase in the cost of the actual medical services rendered in the Public Elementary Schools from 0.67 in 1939 to 0.84 of a penny rate in 1940. The cost of maintenance in special schools has decreased from a rate of 0.87 to 0.63 pence. The cost of milk and meals has decreased by £1,370. 9. 3. School Population.

	No. of Departments.	Average No. on the Registers.	Average attendance.	Average attendance %
Senior Boys.	6 C.	1221	1088	90
	1 N.P.	228	209	91
Senior Girls.	7 C.	1153	1028	89
	1 N.P.	37	36	97
Senior Mixed	9 C.	1699	1496	88
	4 N.P.	628	524	83
Junior Boys	5 C.	913	828	97
	- N.P.			
Junior Girls	7 C.	1429	1270	89
	1 N.P.	50	44	88
Junior Mixed	14 C.	2826	2424	86
	4 N.P.	437	378	86
Infants	14 C.	1776	1478	83
	3 N.P.	152	109	72
Schools --				
Church of England	10)	1532	1300	85
Roman Catholic	2)			
Council	32	11017	9612	87
TOTAL	44	12549	10912	86

Medical Inspection in Schools.

A total of 3969 children were examined as compared with 4908 in 1939, and 2840 parents attended the examinations. The percentage attendance of parents in the Entrants' group was for boys 82.7 per cent and girls 83.5 per cent; in the Intermediate Group, boys 77.5 per cent, girls 76.8 per cent; and in the Leavers' group boys 36.3 per cent, girls 61.6 per cent. 4740 re-inspections were made as against 17,109 in 1939 and 12,039 in 1938.

The total percentage of parents attending was 71.6, as against 73.3 last year.

PARENTS PRESENT 1940.

	ENTRANTS				INTERMEDIATE				LEAVERS				OTHER AGES			
	No. Exand.	Parents Present	No. Exand.	Parents Pres.	No. Exand.	Parents Pres.	No. Exand.	Parents Pres.	No. Exand.	Parents Pres.	No. Exand.	Parents Pres.	No. Exand.	Parents Pres.	No. Exand.	Parents Pres.
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Addington	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ashburton	-	-	-	-	14	10	11	9	7	19	1	16	-	-	-	-
Benson	21	32	20	32	11	8	12	8	-	-	-	-	-	-	-	-
Beulah	87	71	58	62	-	66	-	49	-	-	-	-	-	-	-	-
Croy, British	-	-	-	-	-	17	-	9	18	25	8	16	-	-	-	-
Cypress	26	24	23	20	-	9	-	9	-	-	-	-	-	-	-	-
Davidson	37	32	33	27	-	41	-	28	44	45	13	26	-	-	-	-
Duppas	9	16	8	13	38	14	31	13	20	25	13	19	-	-	-	-
Deeleshbourne	23	20	19	16	12	4	7	3	-	20	-	3	-	-	-	-
Elmwood	45	32	37	23	25	25	20	12	51	34	17	27	6	5	4	1
Garville	24	13	23	12	-	-	-	-	19	9	16	9	-	-	-	-
Howard	6	6	1	6	33	42	22	23	-	-	-	-	-	-	-	-
Ingram	15	-	11	-	-	1	-	1	40	26	15	19	-	-	-	-
Kensington	15	15	15	15	25	27	22	25	-	-	-	-	-	-	-	-
Kingsley	23	13	22	16	18	32	19	29	12	25	11	11	-	-	-	-
Lanfranc	-	-	-	-	-	-	-	-	41	64	12	41	-	-	-	-
Monks Orchard	17	18	16	18	15	9	15	8	-	-	-	-	-	-	-	-
New Addington	26	15	21	14	28	37	23	31	18	6	5	3	-	-	-	-
Norbury Manor	45	32	45	19	21	7	12	6	30	24	9	9	-	18	-	16
Oval	24	23	15	15	10	14	9	10	-	-	-	-	-	-	-	-
Portland	11	13	10	12	-	-	-	-	48	21	13	9	-	-	-	-
Perley Oaks	50	28	33	18	6	16	5	13	12	8	6	3	2	1	-	1
Rockmount	8	15	7	12	25	29	19	23	20	15	12	6	-	-	-	-
S. Norwood	37	58	28	48	37	-	25	-	-	-	-	-	-	-	-	-
Sydenham	44	35	42	34	21	27	19	20	-	-	-	-	-	-	-	-
St. George's Hall	14	10	12	9	-	-	-	-	-	-	-	-	-	-	-	-
Tavistock	25	15	22	15	-	-	-	-	41	46	5	25	-	-	-	-
Waddon	8	6	8	6	4	5	4	5	63	42	23	33	-	-	-	-
W. Thornton	49	37	38	33	23	25	13	20	-	-	-	-	-	-	-	-
Whitehorse	34	31	28	29	-	50	-	40	49	25	20	22	-	-	-	-
Winterbourne	30	59	30	35	40	-	33	-	-	1	-	-	-	-	-	-
Woodside	8	9	7	8	-	36	-	25	-	-	-	-	-	-	-	-
All Saints	10	7	8	7	6	3	6	3	11	12	6	6	-	-	-	-
Arch. Tenisons	-	-	-	-	-	-	-	-	-	43	-	31	-	-	-	-
Christchurch	19	18	19	17	11	9	8	9	-	-	-	-	-	-	-	-
Holy Trinity	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Parish Church	26	25	21	17	31	-	19	-	-	12	-	4	-	-	-	-
St. Andrews	7	11	6	8	17	6	9	3	11	10	2	4	6	7	4	5
St. Josephs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
St. Marks	14	18	10	14	-	-	-	-	-	-	-	-	-	-	-	-
St. Mary's	15	6	10	5	11	16	8	12	12	8	-	2	-	-	-	-
St. Peters	19	19	13	14	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviours	-	13	-	7	-	-	-	-	-	-	-	-	-	-	-	-
Shirley	15	15	14	15	15	14	14	14	-	-	-	-	-	-	-	-
	386	810	733	676	497	599	385	460	567	506	207	348	14	31	8	23
	1,696		1,409		1,096		845		1,132		555		45		31	

Entrants	Boys	82.7	}	83.1	} 71.6
	Girls	83.6			
Intermediate	Boys	77.5	}	77.1	
	Girls	76.8			
Leavers	Boys	36.3	}	49.0	
	Girls	61.6			
Other Ages	Boys	57.1	}	68.8	
	Girls	74.2			

FINDINGS AT ROUTINE MEDICAL INSPECTIONS.

Uncleanliness.

At the primary inspections vermin were found in 47 and nits alone in 1,154 children. On these inspections, 3.7 per cent of the children showed evidence of infestation as against 2.9 per cent in 1939 and 3.4 in 1938.

Tuberculosis in Children of School Age.

Contacts among school children kept under supervision during 1940:-

No. of cases under observation at beginning of 1940	...	...	331
No of cases added during year	...	...	18
" " " discharged from observation during the year	...	...	11
No of cases under observation at the end of 1940.	...	...	338

Taking the total school population as 12,549, the Tuberculosis mortality rate was 8.0 and the incidence rate 15.9 per 100,000. For non-pulmonary Tuberculosis the mortality rate was 15.9 and the incidence rate 63.7.

Extent of Defect		Intermediate				Leavers				Total	
		Boys		Girls		Boys		Girls		Boys	Girls
		No.	%	No.	%	No.	%	No.	%	%	%
Normal	R	477	96.0	580	96.8	537	94.7	530	93.8	95.3	95.4
6/6ths or 6/9ths	L	478	96.2	577	96.3	544	95.9	529	93.6	96.0	95.0
6/12th or 6/24ths	R	15	3.0	18	3.0	27	4.8	27	4.8	3.0	3.8
	L	16	3.2	21	3.5	21	3.7	29	5.1	3.5	4.3
6/36ths or worse	R	5	1.0	1	0.2	3	0.5	8	1.4	0.8	0.8
	L	3	0.6	1	0.2	2	0.4	7	1.3	0.5	0.7

TEETH.

	Entrants				Intermediate				Leavers			
	Boys		Girls		Boys.		Girls		Boys		Girls	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Perfect set of teeth.	605	68.3	557	68.8	376	75.7	419	69.9	459	80.9	474	83.9
One to four decayed	161	18.2	129	15.9	79	15.9	101	16.9	80	14.1	66	11.7
Four or more decayed	120	13.5	124	15.3	42	8.4	79	13.2	28	5.0	25	4.4
Totals	886		810		497		599		567		565	

The following statistics give a summary of the findings:-

HEIGHTS AND WEIGHTS.

BOYS

GIRLS

Year of Birth	No. examined	Average height in inches.	Average weight in lbs.	Average max. height in inches.	Average min. height in inches.	Average max. weight in lbs.	Average min. weight in lbs.	No. Examined.	Average height in inches.	Average weight in lbs.	Average max. height in inches.	Average min. height in inches.	Average max. weight in lbs.	Average min. weight in lbs.
1935	325	43.4	43.5	45.7	41.2	49.0	39.1	274	42.8	42.5	45.4	40.5	43.5	39.1
1934	414	45.2	46.7	48.0	42.5	53.8	39.7	363	44.9	45.4	47.4	42.7	51.6	39.0
1933	149	46.3	49.9	49.5	44.3	56.2	42.7	137	47.2	49.1	49.1	44.4	56.7	41.9
1932	233	49.8	56.9	52.8	46.9	65.2	48.6	262	49.2	53.6	52.2	46.7	62.6	45.5
1931	226	50.1	59.9	54.8	48.5	71.8	51.3	204	50.9	56.4	54.2	48.3	72.9	50.6
1930	62	53.1	66.2	56.3	50.6	75.1	54.9	79	52.8	63.6	55.6	50.3	75.0	52.3
1929	44	54.6	73.7	57.5	52.2	89.0	62.9	75	54.8	73.1	59.7	50.9	93.8	59.2
1928	103	56.8	81.4	60.3	54.2	101.8	66.2	56	57.1	78.3	62.5	53.2	99.4	61.3
1927	411	58.7	86.3	63.9	54.1	112.0	68.7	307	60.1	92.1	63.4	55.2	123.3	69.1
1926	72	60.4	93.3	64.6	55.6	115.5	75.6	71	60.7	96.1	62.9	57.6	114.6	81.6
1925	1	60.0	97.0	-	-	-	-	3	60.4	105.5	-	-	-	-

SUMMARY OF FINDINGS AT ROUTINE EXAMINATIONS

(percentages)

Condition	Entrants		Inter-mediates		Leavers		Other Ages		All Groups	
	Boys	Gls.	Boys	Gls.	Boys	Gls.	Boys	Gls.	Boys	Gls.
Cleanliness; (percentage clean)										
Head	99.9	99.4	99.6	98.3	99.6	98.6	100.0	100.0	99.7	98.9
Body	99.8	99.7	100.0	99.7	99.8	99.6	100.0	100.0	99.8	99.7
Clothing (satisfactory)	99.9	99.4	100.0	99.8	97.7	99.6	100.0	100.0	99.3	99.6
Footgear (satisfactory)	100.0	99.3	99.6	99.8	97.7	99.8	100.0	100.0	99.2	99.6
Nutrition (Normal)	83.7	87.9	88.1	89.0	92.9	91.9	92.9	77.4	87.6	89.2
Defects.										
Circulatory System	7.9	7.5	7.2	6.0	6.3	8.0	7.1	9.4	7.3	7.2
Pulmonary System	5.9	2.6	1.8	1.0	0.9	0.7	-	-	3.4	1.5
Skin Disease	3.0	2.8	2.0	2.2	2.8	1.9	-	-	2.7	2.3
Defects of Nose & Throat	29.1	24.8	16.1	16.9	13.8	9.0	7.1	9.4	21.2	17.8
Enlarged Cervical Glands	16.1	12.1	12.9	8.2	8.6	5.0	-	-	13.0	8.7
External Eye Disease	1.5	2.2	3.6	1.7	2.1	1.6	-	-	2.2	1.8
Defective Vision	1.0	1.4	6.6	5.3	7.9	7.6	7.1	3.2	4.5	4.3
Defective Hearing	0.1	0.1	0.8	0.5	1.2	1.2	-	-	0.6	0.5
Speech Defects	1.4	0.7	0.4	0.2	0.4	0.2	-	-	0.8	0.4
Dental Disease (more than four decayed)	13.5	15.3	8.4	13.2	4.9	4.4	-	-	9.7	11.4
Stall and Backward	0.2	-	2.0	1.0	1.8	0.4	-	-	2.1	0.4

Taking all the groups examined subnormal nutrition was recorded in 11.6 per cent of the children as contrasted with 11.2 per cent in 1939.

CHIEF CAUSES OF EXCLUSIONS FROM SCHOOL.

Condition	Exclusions during 1940	Percentage of total exclusions	Exclusions during 1939	Percentage of total exclusions.
Ringworm - Head	4	0.14	1	0.02
" Body	2	0.07	23	0.36
Verminous Conditions	1672	58.40	997	15.51
Impetigo	83	2.90	317	4.93
Scabies	127	4.44	141	2.19
Scarlet Fever	82	2.87	128	19.9
Measles (inc. German)	461	16.10	621	9.66
Diphtheria	39	1.36	141	2.19
Whooping Cough	25	0.87	634	9.86
Chicken Pox	91	3.18	1298	20.12
Mumps	42	1.47	434	6.75
Tuberculosis (all forms)	6	0.21	16	0.25
External Eye Disease	40	1.40	831	12.93
Sore Throat	37	1.29	235	4.64
Other Causes	141	4.93	618	9.60
Cerebro Spinal Meningitis	11	0.38		
	2953	...	6435	...

The figures for exclusions are not related in any way to the figures obtained in routine medical inspections.

CHILDREN EXAMINED UNDER EVACUATION PLAN IV & V

Total number of children examined...	...	...	...	4,874
" " " " conditionally Fit	...	...	...	669
" " " " Unfit	...	...	...	30
" " " " Fit	...	...	...	4,175
MAINUTRITION...	...	...	...	6
UNCLEANLINESS -				
Head	...	...	...	206
Body	...	...	...
SKIN DISEASE...	...	...	...	42
EYE DISEASE -				
Defective Vision	...	...	...	33
Squint	...	...	...	-
External Eye Trouble	...	...	...	8
EAR DISEASE -				
Deafness	...	...	...	1
Otitis Media..	...	...	...	-
Other Disease.	...	...	...	3
NOSE AND THROAT -				
Enlarged Tonsils only	...	...	...	6
Adenoids only.	...	...	...	-
Enlarged Tonsils and Adenoids...	...	...	...	15
Other Conditions	...	...	...	8
Enlarged Cervical Glands(not T.B)	...	...	...	2
DENTAL DEFECTS	...	...	...	236
SPEECH DEFECTS	...	...	...	1
HEART and CIRCULATION -				
Organic	...	...	...	5
Functional...	...	...	...	-
Anaemia	...	...	...	4
BRONCHITIS	...	...	...	5
OTHER NON-T.B.	...	...	...	7
PULMONARY TUBERCULOSIS	...	...	...	1
OTHER TUBERCULOSIS...	...	...	...	7
NERVOUS SYSTEM DISORDERS (including Epilepsy, chorea, etc.)				9
DEFORMITIES -				
Rickets	...	...	...	-
Spinal Curvature	...	...	...	2
Others	...	...	...	10
OTHER DEFECTS and DISEASES.	...	...	...	105

CONDITIONS NOTIFIED BY TEACHERS AND SCHOOL ENQUIRY
OFFICERS AND CONFIRMED BY HEALTH VISITORS

Name of School	School Population	Measles	Whooping Cough	Chicken Pox	Rumps	Scabies	Impetigo	Sore Throats	Ringworm (Body)	Ringworm (Scalp)	Indefinite Sickness	Ill. Not Infectious	Conjunctivitis	Scarlet Fever	Diphtheria	Ac. Primary Pneumonia	German Measles	Cerebro Spinal Meningitis	Percentage in- cidence of in- fectious diseases in Schools.
Ashburton	371	1	-	4	-	1	-	-	-	-	-	-	1	5	-	-	2	1	2.9
Benson	177	-	1	1	-	2	-	-	-	-	-	-	-	1	-	-	2	-	1.7
Beulah	462	-	-	2	-	4	2	-	-	-	4	9	2	2	-	-	20	-	1.3
Croydon British	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Cypress	123	-	6	2	-	-	-	3	-	-	-	1	-	10	-	-	1	-	14.6
Davidson	366	1	6	-	2	10	6	-	-	-	-	5	-	5	-	-	34	1	4.1
Duppas	185	-	1	1	-	5	1	-	-	1	3	-	1	-	7	-	17	-	4.9
Ecclesbourne	266	1	-	-	-	5	2	1	-	-	-	1	-	2	2	-	16	-	1.9
Elmwood	632	1	-	14	-	6	4	5	1	-	10	5	-	2	1	-	20	-	2.5
Conville	165	-	-	-	-	1	3	-	-	-	-	-	-	2	2	-	14	-	2.4
Howard	131	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	-	-	0.8
Ingram	311	2	-	-	-	4	-	2	-	-	1	2	1	-	-	-	13	-	0.6
Kensington	129	1	-	-	-	-	1	1	-	-	1	-	-	-	-	-	2	-	0.8
Kingsley	347	-	-	-	-	10	2	-	-	-	2	-	2	4	2	-	14	-	1.7
Lanfranc	380	-	-	-	-	-	1	4	-	-	-	1	2	1	1	-	8	-	0.5
Monks Orchard	135	26	-	14	-	2	1	-	-	1	1	-	1	1	-	-	7	-	30.4
New Addington	250	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-	-	0.9
Norbury Manor	471	-	1	2	-	3	4	-	-	1	1	1	-	3	3	-	16	1	2.1
Oval	323	1	-	3	12	2	4	-	-	1	9	5	3	-	2	-	21	2	6.2
Portland	311	1	-	-	1	-	7	1	-	-	2	-	3	2	1	-	4	-	1.6
Portley Oaks	259	-	-	16	-	-	4	-	-	-	2	1	-	1	1	-	18	-	8.9
Rockmount	162	1	-	-	-	6	2	2	-	-	2	3	-	2	1	-	15	-	1.6
South Norwood	427	1	7	11	3	10	6	-	-	-	9	3	1	3	-	-	2	1	5.7
Sydenham	297	19	-	5	1	7	1	-	-	-	6	2	-	6	-	-	13	-	8.4
Taristock	276	1	-	-	-	5	1	-	-	-	4	1	2	2	-	-	9	-	2.2
Waddon	221	-	-	-	1	10	1	-	-	-	-	-	1	1	-	-	7	-	1.1

West Tormton	362	-	-	2	-	6	3	4	-	-	3	3	4	-	2	-	12	-	1.0
Whitehorse Manor	445	1	-	-	-	7	3	2	-	-	3	1	4	4	-	-	5	1	1.3
Winterbourne	370	2	-	1	-	2	1	-	-	-	2	-	2	1	1	-	28	-	1.4
Woodside	253	29	-	9	-	5	2	3	-	-	2	1	3	8	2	-	4	-	18.6
John Ruskin	239	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	-	0.4
Lady Edridge	307	-	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-	-	1.0
Andington - St. Mary's	38	-	-	1	-	-	-	-	-	-	-	-	-	4	-	-	-	-	13.2
All Saints'	84	-	-	1	-	-	2	-	-	-	-	1	-	-	-	-	5	-	1.2
Abp. Tenison's	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Christ Church	166	-	-	1	11	-	1	-	-	-	2	3	1	-	-	-	5	-	7.2
Parish Church	302	-	1	1	11	3	3	4	-	-	3	3	-	1	-	-	2	1	5.0
St. Andrew's	236	-	-	-	-	4	-	-	-	-	2	-	3	2	-	-	2	1	1.3
St. Joseph's	126	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	0.8
St. Mark's	38	-	2	-	-	-	1	-	-	-	2	-	1	-	-	-	2	-	5.0
St. Mary's R.C.	150	-	-	-	-	-	-	-	1	1	6	-	-	-	-	-	6	1	0.7
St. Peter's.	42	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
St. Saviour's.	85	-	-	-	-	1	1	1	-	-	4	-	1	1	-	-	2	-	1.2
Spinley.	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Selhurst Grammar	277	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	-	0.4
TOTALS		88	25	91	42	125	83	37	2	4	87	53	40	83	37	-	373	10	

N.B:-

St. Michaels Closed.
Holy Trinity Closed.
St. Christophers Evacuated.
St. Giles Evacuated.
Heath Clark Closed.
Abp. Tenison's Boys. Closed.

FOLLOWING UP

School Visits.

The following Table summarises the visits paid by the Health Visitors, etc., in connection with these duties:

Visits to Schools re Cleanliness	43
Total Visits to School Departments re Cleanliness	301
Number of children inspected for Cleanliness (first inspection)	32,094
Number of children inspected (subsequent inspections)	1,095
Number of children found unclean (first inspection)	928
	(1,201 occasions of infestation)
Number of occasions in which children found unclean (subsequent inspections)	471
In addition, 933 "other visits" to schools were made.	

Home Visits.

Concerning defects found at routine medical inspections	821
Subsequent visits re defects found at routine medical inspections	266
Visits re special cases	750
Visits to dental cases	440
Visits in connection with infectious cases and other visits (including 378 visits concerning uncleanliness)	9,241

TREATMENT

The work of the School Clinics

Summary of Attendances.

	1940	1939	Decrease
Minor Ailments Clinics	5,220	14,544	9,324
Inspection Clinic	1,202	2,779	1,577
Dental Clinics	12,591	15,022	2,431
Ophthalmic Clinic	1,920	3,207	1,287
Orthopaedic Clinic	651	852	201
Remedial Exercises Clinic	1,269	5,483	4,214
Nose and Throat Clinic	151	774	623
Rheumatism Clinic	173	315	142
TOTALS	23,177	42,976	19,799

The Minor Ailments Clinic.

At the Lodge Road Clinic, 696 children made 2526 attendances, while at the subsidiary Clinics held at 206, Selhurst Road on five days weekly, 324 children made 1,921 attendances, and at the Duppas School 194 children made 773 attendances.

Complaint.	Cases	1949	Aver.No. of Attend. ances per case.	Cases.	1939	Aver.No. of Attend. ances per case.
		Attend- ances.			Attend. ances.	
Ringworm of Scalp	3	6	2.0	10	142	14.2
" " Body	7	43	6.1	18	74	4.1
Scabies	121	455	3.8	71	321	4.5
Impetigo	121	583	4.8	95	831	8.7
Other Skin Diseases	59	170	2.9	61	240	3.9
Otorrhea and other Ear defects	137	631	4.6	181	1,460	8.1
External Eye Disease	184	775	4.2	490	5,684	11.6
Miscellaneous	582	2,557	4.4	1,577	5,792	3.7
	1,214	5,220	4.3	2,493	14,544	5.8

Adenoids and Enlarged Tonsils

During 1940, 19 cases of tonsils only, 5 cases of adenoids only and 81 cases of adenoids and enlarged tonsils, a total of 105 cases, were recommended for treatment and 70 children were operated upon. This Clinic ceased functioning early in the year and has not yet recommenced.

44 were operated upon in Mayday Hospital. These were children over the age of 12 years, or for whom the parents had expressly desired the operation done in the hospital.

Treatment of Visual Defects

	Number of defects dealt with				Spectacles prescribed		Spectacles Obtained.	
	Under the Authority's Scheme	Submitted to refraction by private practitioner or Hospital apart from the Authority's Scheme.	Otherwise	Total	Under the Authority's Scheme	Otherwise	Under the Authority's Scheme.	Otherwise
Errors of Refraction	614	-	-	614	306	-	366	-

This Clinic showed a decrease upon 1939 in numbers submitted to refraction. A total of 1920 attendances was recorded.

THE SCHOOL DENTAL SERVICE

The Dental Service deals not only with those attending the Elementary, Central and Special schools but also a large number of scholarship holders at Secondary schools. Treatment is, in addition, provided for patients referred under Maternity and Child Welfare, Tuberculosis and Mental Deficiency Schemes.

The Dental Staff consists of five full-time Dental Officers, the equivalent of one dental officer's time being occupied with work for the Maternity and Child Welfare Scheme.

INSPECTIONS. During the early part of 1940 routine dental inspections were considerably handicapped by closure of the school premises. Alternative arrangements for these inspections to take place at the clinics themselves did not, unfortunately, meet with the response anticipated.

Out of a normal school population of over 25,000 children, 8,910 were inspected and 6,176 referred for treatment compared with 7,928 inspected and 5,477 referred in 1939.

The percentage of children found in need of dental attention at school inspections was 69%, that is, the same as that reported for the year before.

The total number of children with healthy dentitions at the close of 1940 was 7,162 compared with 7,251 in 1939. This figure represents 2,734 found healthy at inspections and 4,428 rendered artificially so, compared with 2,451 found sound and 4,800 cured last year.

Sessions devoted to inspections numbered 98 for the year compared with 59 in 1939.

ATTENDANCES and TREATMENT. Though not up to pre-war standards attendances throughout the year have for the most part been highly creditable. These stand at 12,591 compared with 15,022 in 1939.

The number of children actually treated was 4,864 compared with 5,696 in 1939. Those cured are shown as 4,428 against 4,800 last year.

The aggregate of treatment sessions was 1,480 against 1,610 in 1939; the ratio of inspection to treatment sessions was 1: 15.1 compared with 1: 28.6 last year.

FILLINGS INSERTED PER 100 CHILDREN. This figure now stands at 141 against 129 recorded for the previous year and indicates a further increase in the AMOUNT of conservative treatment accomplished for each child.

The following Table illustrates the steady increase that has been achieved during recent years.

Year of Treatment.	1930.	1935.	1936.	1937.	1938.	1939.	1940
Fillings inserted per 100 children:	32	78	90	91	120	129	141

The actual number of fillings inserted in permanent teeth fell from 6,719 in 1939 to 6,240 last year; those inserted for the temporary dentition, on the other hand, show a slight rise from 638 to 656 in 1940.

EXTRACTION OF TEETH. The number of permanent teeth removed for caries and orthodontic reasons was 2,182, compared with 2,900 in 1939. Extractions of temporary teeth remained practically constant at 8,979 against 8,972 the previous year.

Local anaesthesia was used on 1,259 occasions. Nitrous oxide was administered on 2,701 occasions.

At Lodge Road Treatment Centre "gas" is administered by the dental surgeons who devoted 139 sessions to this work. At the Selhurst and Waddon Clinics the administration is performed by medical officers and 78 sessions were set apart for this purpose.

OTHER OPERATIONS.

A definite decline is shown in the number of "incidental" treatments performed during the year. These were 3,295 permanent teeth and 913 temporary teeth and include many items of a valuable prophylactic nature, such as 343 applications of silver nitrate, also scalings, gum treatments, etc.

Special treatments include:

Treatment of septic roots in anterior teeth, 32

Removal of nerves under local anaesthetic, 13

Gingivectomy, 4.

Removal of bone sequestra, 6.

Splints for fractured incisors, 2.

Visits to Mayday Hospital, 3.

Treatment for M.D's, 7

21 vulcanite dentures were inserted to replace teeth lost by caries or traumatic injury.

EMERGENCY FORMS. The number of "special" forms issued by Head Teachers was appreciably less than in 1939, namely 1,118 compared with 1,765 last year.

ACCEPTANCE RATE. The acceptance rate from school inspections in 1940 was 60 per cent. compared with 62 per cent. the previous year.

CHARGES for TREATMENT. The Clinic charges for treatment are at the "flat rate" of 1s. per annum, with an extra charge of 2s. for each administration of gas. The above arrangement is working well, though in cases of proved inability to pay, this charge is temporarily "waived". The sum of £249.0.9 was received in payment for treatment and £1.14.7 from the Voluntary Box contribution.

CASES X-RAYED. The number of cases referred to Mayday Hospital for X-Ray examination was 78 compared with 130 in 1939.

TREATMENT OF SCHOLARSHIP CHILDREN. The following is a summary of the work performed:

Attendances	...	259	Gas Cases	...	24
New Cases Treated	...	42	Local	...	27
Re-treated	...	35	Cases completed	...	77
Fillings - permanent...		244	Root Fillings	...	1
Extractions - permanent		71	Dentures Fitted	...	5
temporary		22	Referred X-Ray	...	2
Other Operations		42			

TREATMENT FOR EVACUEES. A special problem presented during the year has been the treatment of cases prior to evacuation. Every effort has been made to carry out "essential measures" before the patient left the district, or where not possible, to arrange for this to be undertaken later by receiving authorities.

In addition, periodical visits were made by members of the staff to Brighton to deal with urgent cases in that district until satisfactory services could be organised to permit treatment locally.

SUMMARY of TREATMENT CARRIED OUT at BRIGHTON. (Thanks are due in this connection to the Medical Officer of Health, County Borough of Brighton, for the use of premises to facilitate these visits).

Number of day visits ... 8

Children in Attendance:

Orthodontic Cases	102	
Ordinary Cases	36	
M & C.W. Cases	3	141
Fillings Inserted	...	23
Extractions	...	25
Local Anaesthetics	...	22
X-Rays	...	2
Orthodontic Appliances Fitted..		3
Denture Dressings	...	8

SUMMARY of WORK DONE at the SEIHURST ROAD CLINIC.

			1940	1939
Attendances	...	...	3,320	3,482
Extractions	...	...	2,899	2,488
Fillings	...	...	2,281	1,424
Other Operations..	...	...	1,041	1,142
"Gas" Cases	...	...	784	529
Local Anaesthesia	...	...	301	958
Cases Completed...	...	...	1,538	1,344

Sessions held: Inspection 29, Treatment 374, Gas 44.

The average attendance at this Clinic per session is 8.2

SUMMARY of WORK DONE at the WALDRONS CLINIC.

			1940	1939
Attendances	...	...	2,848	3,065
Extractions	...	...	2,087	2,314
Fillings	...	...	1,170	1,308
Other Operations..	...	...	1,829	1,233
"Gas" Cases	...	...	564	426
Local Anaesthesia.	...	...	129	278
Cases Completed...	...	...	1,024	1,055

Sessions held: Inspection 26, Treatment 379, Gas 43.

The average attendance at this Clinic per session is 7.4.

DENTAL DEFECTS

(1) Number of children who were -		Year
		1939
(a) Inspected by the Dental Officers -		
Aged 5-6	547)	373
6-7	895)	818
7-8	821)	839
8-9	934)	827
9-10	1053)	863
10-11	1059)	836
11-12	1229)	832
12-13	1034)	645
13-14	890)	707
14-15	395)	645
15 up	53)	438
Specials	<u>1,118</u>	<u>1,765</u>
	<u>10,028</u>	<u>9,733</u>
(b) Found to require treatment	7,294	7,362
(c) Actually treated	4,864	5,696
(2) Half days devoted to -		
inspection	98	59
treatment	1480	1610
administration	45	40
gas admin: -		
(by dental officers)	139	122
(by medical officers)	78	96
orthodontia	<u>95</u>	<u>111</u>
	1,935	2,038
(3) Attendances made by children		
for treatment	12,591	15,022
(4) Fillings - Permanent teeth		
Temporary teeth	<u>6240</u>	<u>6719</u>
	<u>656</u>	<u>638</u>
	6,896	7,357
(5) Extractions -		
Permanent teeth	2182	2900
Temporary teeth	<u>8979</u>	<u>8972</u>
	11,161	11,872
(6) Administrations of general		
anaesthetics for extractions	2,701	2,570
(7) Administrations of local		
anaesthetics for extractions	1,259	2,203
(8) Other Operations -		
Permanent teeth	570	647
Temporary teeth	<u>3295</u>	<u>4059</u>
	3,865	4,706

ORTHOPAEDIC WORK

The Orthopaedic Scheme continues on the same lines as described in my report for 1931.

SPINAL AND OTHER REMEDIAL CLINICS.

	<u>1940.</u>			<u>1939</u>		
	Attend. ances.	Sessions	Av. att.	Attend. ances..	Sessions	Av.att.
Spinal	432	174	2.5	2104	370	5.7
Massage	-	-	-	51	51	1.0
Flat Feet	284	78	3.6	1162	119	9.8
Breathing	553	98	5.6	1524	168	9.1
	<u>1,269</u>	<u>350</u>		<u>4841</u>	<u>708</u>	

RHEUMATISM CLINIC

The total number of children whose names were on the "live" register at the end of 1940 was 161.

Cases examined at Rheumatism Clinic

	<u>1938</u>	<u>1939</u>	<u>1940</u>
Primary	89	92	28
Re-examinations	438	233	117
	<u>527</u>	<u>315</u>	<u>145</u>
Rheumatic	76 (85.4%)	54 (65.9%)	16 (57%)
Non-Rheumatic	15 (14.6%)	28 (34.1%)	12 (42.9)
	<u>89</u>	<u>82</u>	<u>28</u>

Classification of Rheumatic Cases:-

	Primary	Re-Examination
Sex - Males	9	57 (48.7)
Females	7	60 (51.3%)
Total	<u>16</u>	<u>117</u>

Age when examined

Ages	5	6	7	8	9	10	11	12	13	14	15
Primary	3	3	1	-	-	2	2	4	1	-	-
Re.exams	2	3	7	17	12	12	20	19	23	2	-

Grouping of Cases (Classification of Dr. R. Miller).

	<u>1938</u>	<u>1939</u>	<u>1940</u>
Mild and Potential	59 (77.6%)	35 (64.8%)	13 (81.25%)
Definite Active	7 (9.2%)	6 (11.1%)	1 (6.25%)
Definite Quiescent	10 (13.2%)	13 (24.1%)	2 (12.50%)

The Mild and Potential" included those cases showing the first initial symptoms of "growing pains" in highly-strung children, with or without slight cardiac involvement.

The "Definite and Active Group" included besides cases of frank rheumatic carditis, those with marked physical signs of Rheumatic Fever or Chorea.

Rheumatic manifestations. Total 16 cases.

Rheumatic pains	12	(75.0%)
Chorea	1	(6.25%)
Carditis, (Definite)	2	(12.50%)
Carditis (Suspected)	1	(6.25%)
Tonsillitis	-	

Two children gave a definite history of Rheumatic Fever.

Family Histories.

In the case of 3 families (18.8%) either the father or the mother had had rheumatic fever, chorea or juvenile rheumatism. In 3 other cases, (18.8%) a history of rheumatism was obtained in near relatives of the parents. In the case of 2 children (12.5%) the ir brothers or sisters gave a similar history of rheumatic manifestations.

Nervous Conditions.

Recorded in 16 cases.

Children recorded as highly strung	2	(12.5%)
Headaches (Occasional).	7	(43.75%)
Night Terrors etc.	2	(12.5%)
Emuresis	2	(12.5%)
Twitchings	2	(12.5%)

Often a combination of more than one of the above symptoms was manifested.

Tonsillectomy

Operation reported in 4 cases (25.0%)

Re-examinations

One hundred and seventeen re-inspections were carried out. In no case had the conditions become worse; 15 (12.0%) was considered to be non-rheumatic; 12 (10.3%) stationary; 23 (19.7%) were definitely improved; and 67 (57.3%) quiescent.

BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN

Blind Children.

Ten boys and 3 girls are resident at special schools for the blind. The institutions which these children attend are as follows: Royal Normal College for the Blind, 5 boys; Barclay Blind School, Brighton, 2 girls; Sunshine Homes, East Grinstead, 1 boy. Chorley Wood College, 1 boy; White Oak, Swanley, 1 boy; Court Grange, 1 boy; Brighton School for the Blind, 1 boy.

The Committee are also responsible for the maintenance of two girls at the Goodrich Road (L.C.C.) School for Partially-Sighted Children.

St. Lukes Special School for Partially Sighted Children.

This school, which was evacuated to Eastbourne, was distanded during the early part of the year, when there were 11 children in attendance.

Deaf Children.

Twelve boys and five girls are resident at special schools for the deaf; one boy and one girl attend a special day school. The institutions which these children attend are: Royal School for the Deaf, Margate, 11 boys and 5 girls; Anerley Deaf School, 1 boy.

Epileptic Children.

One girl is resident at the Lingfield Epileptic Colony, Surrey.

Mentally Defective Children.

In addition to the day accommodation provided at St. Christopher's School (evacuated to Banstead) two girls are resident in the Monyhull M.D. School, Birmingham; and eight boys at Besford Court, Worcestershire.

Physically Defective Children.

In addition to physically defective children accommodated at St. Giles' Day Open Air School (evacuated to Bognor Regis) the Education Authority have crippled children in the following special schools: The Hermitage Craft School, Chislebury, two boys and one girl; Victoria Home for Crippled Children Bournemouth, one girl; National Children's Home, Chipping Norton, one boy; St. Patrick's Open Air School, Hayling Island, two girls; and St. Catherine's Ventnor, one boy.

Speech Defects Class.

The class conducted by two trained speech therapists has continued throughout the year and has thoroughly proved its usefulness. The number of children that can attend each class at any given time is limited as each child has to be dealt with individually.

Total number of cases treated	94	Stammerers treated	27
Referred for Physical Treatment	4	Developmental Dysarthrias	15
do. Psychological do	2	Cleft Palates	4
Discharged as cured: Croydon	26	Alexias	1
Brighton	9	Hysterical Mutism	1
Discharged for reasons of		Palatal Parosis	1
Evacuation and non-attendance	18	Lisps	10
Still attending	33	Undeveloped Speech Cases	7
Dismissed when Brighton Clinic		Lalling cases	27
closed	8	Deaf cases	1

JUVENILE EMPLOYMENT RETURN.

The following numbers of children were examined by the medical officers during 1940 as to their fitness to follow the part-time employment indicated.

	1940	1939	1938	1937	1936
Delivery of Goods for Shopkeepers	167	157	334	172	151
Delivery of Newspapers	249	183	265	245	245
Delivery of Milk	19	30	68	31	43
	435	370	667	448	439

THE PROVISION OF MEALS AND MILK AND COD LIVER OIL AND MALT.

	1940	1939
No. of Children who received free dinners	432	529
No. of Free Dinners provided	35,508	86,717

No. of Children who received, on the recommendation of the School Medical Officer:-

	1940	Bottles	1939	Bottles
Free Milk	1,078	221,105	1,221	376,796
Milk (Part Payment)	-	-	9	851
Milk (Whole Payment)	-	-	10	743
		Issues		Issues
Free Malt	130	7,922	139	23,090
Malt (Whole Payment)	3	129	10	504

(N.B. Milk and Malt and Oil given on the recommendation of the School Medical Officer are supplied free of cost; voluntary payments, however, are accepted from the Parents.)

The Committee continued during the Easter and Mid-summer Vacations to provide facilities at the Free Dinner Centres for children to receive milk under the Milk Marketing Board's Scheme at a cost of $\frac{1}{3}$ d. per one third of a pint.

All the milk supplied is pasteurised milk and the sources of supply are subject to the approval of, and constant supervision by, the Medical Officer of Health.

ST. CHRISTOPHER'S SPECIAL SCHOOL.

I am indebted to Mr. H. J. Edmonds for the following information:

1940 finds St. Christopher's hardly existing as a separate school. Our number of evacuated children has now dropped to sixteen only, and we are now merged with many other schools, and incorporated as the Boys' M.D. School, and situated at Banstead Residential School.

Following the Government's decision to evacuate children from the East Coast, we left Hopton on 29th May, 1940, forty-five strong, and eventually reached Banstead, where teachers and children were given a very cordial reception, and were very soon made comfortable.

This Institution is planned on the Cottage Home system - 20 children to a Cottage. Fortunately, we have been able to place all Croydon children together in one Cottage, where they are very happy indeed, and well cared for by a capable House Mother.

As for the work of the school this has suffered naturally, and craft work such as tailoring, carpentry, and boot-repairing is impossible. We are, however, concentrating on the academic side, and here, I am sure, that most definite progress has been made.

The children are happy and contented and extraordinarily healthy. Visits may be arranged at any time by arrangement with the Head Master, and here may I say that visitors are very welcome. Being in an Institution the children miss the greater freedom obtaining in the holiday camp at Hopton.

CAUSES OF DEATH IN CHILDREN OF SCHOOL AGE.

Taking the school population as 12,549, the death rate per 1,000 in school children was 4.0. There were 49 deaths in children of school age by: Infectious Diseases 4; Pneumonia 1; Tuberculosis 3; other defined causes 41, namely: Malignant Disease 2; Epilepsy 1; Appendicitis 2; Pulmonary Stenosis 1; Congenital Malformations 4; Rheumatic Fever and Carditis 1; Street Accidents 2; Encephalitis 1; Osteomyelitis 2; due to War Operations 25. In the Infectious Diseases group were: Diphtheria 3; and Cerebro Spinal Meningitis 1.

SECONDARY SCHOOLS.

The usual arrangements for the medical inspection of secondary school children were continued in 1940: 552 children were examined, 321 boys and 231 girls. Table II of Appendix gives the detailed findings.

CHILD GUIDANCE CLINIC, MAYDAY HOSPITAL.

Summary of cases referred to Child Guidance Clinics during 1940

No.	M. F	Age	Why Referred	By whom Referred	Action taken and result of Treatment
1	M.	12	Stealing	School Medical Officer	Treatment for 5 mths. Change of school - case followed up regularly since - no further trouble.
2	M.	13½	Stealing and chorea	Juvenile Court	Irregular attendance. No further stealing - improvement in chorea.
3	M.	11	Enuresis and thieving	School Medical Officer	Treatment 3 mths - some improvement - poor home.
4	M.	9	Untruthful - stealing	School Medical Officer	Evacuated.
5	M.	13	Stealing	Juvenile Court	Diagnostic report for Magistrates.
6	M.	15½	Stealing	Juvenile Court	Diagnostic report for Magistrates.
7	M.	7	Untruthful and immoral	School Medical Officer	Irregular attendance - boarding out recommended.
8	F.	9	Masturbation - chorea	Parent.	Treatment for 5 mths - improvement. Referred to school clinic for tonsils and adenoids
9	M.	14	Out of control of parents	Juvenile Court	Diagnostic report.
10	M.	10	Enuresis.	School Medical Officer	Recommended boarding out.
11	M.	11	Out of control of parents	School Medical Officer	Parents unco-operative.
12	M.	6	Out of control of parents	Croydon Guild Social Service	6 mths. treatment - boarded out for 2 mths. - slight improvement - mother very unstable.
13	M.	8	Backward - fearful	School Medical Officer	Evacuated.
14	M.	12	Enuresis.	Probation Officer	Diagnostic.
15	M.	15	Stealing	Juvenile Court	Diagnostic.
16	M.	14	Assaulting small boy	Juvenile Court	Diagnostic.
17	M.	7	Lying	Probation Officer	Irregular attendance - unstable mother.
18	M.	15	Early schizophrenic	Probation Officer	Admitted to Warlingham Park Hospital.

Intelligence Tests were arranged on 12 of these cases. 4 were below average - 5 average - and 3 of high intelligence.

APPENDIX A.

Table 1.

MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS.

A. - Routine Medical Inspections.

Number of Inspections in the prescribed Groups:

	Year 1940	Year 1939
Entrants	1696	555
Second Age Group	1096	2543
Third Age Group	1132	1984
Total ...	3924	4882
Number of other Routine Inspections ...	45	26
Grand Total ...	3969	4908

B. - Other Inspections

Number of Special Inspections	7070	4244
Number of Re-Inspections	4740	17109
Total ...	11810	21353

C. - Children Found to Require Treatment.

Number of individual children found at Routine Medical Inspection
to require treatment (excluding Nutrition, Uncleanliness
and Dental Diseases.)

Group	For Defective Vision (excluding squint)	For all other conditions recorded in Table IIA.	Total	Total 1939
Entrants	17	201	221	54
Second Age Group	58	116	166	440
Third Age Group	76	82	158	289
Total (Prescribed Groups)	151	399	542	783
Other Routine Inspections	1	3	4	4
Grand Total	152	402	546	787

Total visits to Elementary Schools: 199

TABLE II.

A. - Return of Defects Found by Medical Inspection in the
Year ended 31st December 1940.

DEFECT OR DISEASE (1)	Routine Inspections		Special Inspections.	
	No. of Defects		No. of Defects	
	Requiring treatment (2)	Requiring to be kept under observation, but not re- quiring Treatment (3)	Requiring treatment (4)	Requiring to be kept under observation, but not re- quiring Treatment. (5)
SKIN -				
(1) Ringworm				
Scalp ... ..	...	...	...	...
(2) Body ... ..	...	...	...	...
(3) Scabies	3	...	...	...
(4) Impetigo	6	...	...	...
(5) Other Diseases (Non- tuberculous)	11	2	1	2
Total (Heads 1 to 5)	20	2	1	2
EYE -				
(6) Blepharitis	29	1	2	...
(7) Conjunctivitis	8	...	...	...
(8) Keratitis ... ..	...	...	1	...
(9) Corneal Opacities ... ..	...	...	...	...
(10) Other Conditions (excluding Defective Vision and Squint)	3	1	...	...
Total (Heads 6 to 10)	40	2	3	...
(11) Defective Vision (ex- cluding Squint)	152	23	25	6
(12) Squint	33	21	3	...
EAR -				
(13) Defective Hearing	8	4	5	1
(14) Otitis Media	6	4	...	...
(15) Other Ear Diseases	11	3	1	...
NOSE AND THROAT -				
(16) Chronic Tonsillitis only	18	51	1	7
(17) Adenoids only	5	9	...	...
(18) Chronic Tonsillitis and Adenoids	77	108	4	5
(19) Other Conditions	21	30	1	...
(20) ENLARGED CERVICAL GLANDS (Non-Tuberculous)	16	11	2	...
(21) DEFECTIVE SPEECH	13	2	2	...
HEART AND CIRCULATION -				
Heart Disease:				
(22) Organic	4	22	...	1
(23) Functional	10	22	2	...
(24) Anaemia	56	4	5	...

TABLE IV.

TREATMENT TABLES.

GROUP 1. - MINOR AILMENTS (excluding Uncleanliness, for which see Table VI).

Disease or Defect (1)	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme. (2)	Otherwise. (3)	Total. (4)
SKIN -			
Ringworm-Scalp:	3	-	3
Ringworm-Body	7	-	7
Scabies	121	-	121
Impetigo	121	-	121
Other Skin Disease	59	-	59
MINOR EYE DEFECTS -			
External and other, but excluding cases falling in Group II ...	184	-	184
MINOR EAR DEFECTS	137	-	137
MISCELLANEOUS -			
Minor Injuries, Bruises, Sores, Chilblains, etc.	582	-	582
TOTAL	1214	-	1214

GROUP II. - DEFECTIVE VISION AND SQUINT (excluding Minor Eye Defects treated as Minor Ailments - Group I)

	Number of Defects dealt with		
	Under the Authority's Scheme.	Otherwise.	Total
ERRORS OF REFRACTION (including squint)	614	-	614
Other defect or disease of the eyes (excluding those recorded in Group I)	-	-	-
TOTAL	614	-	614

No. of children for whom spectacles were

(a) Prescribed	308	-	308
(b) Obtained	366	-	366

GROUP III - TREATMENT OF DEFECTS OF NOSE AND THROAT.
NUMBER OF DEFECTS

Received Operative Treatment			Received other forms of Treatment (4)	Total number treated (5)
Under the Authority's Scheme, in Clinic or Hospital. (1)	By Private Practitioner or Hospital, apart from the Authority's Scheme. (2)	Total (3)		
(i) (ii) (iii) (iv)	(i) (ii) (iii) (iv)	(i)(ii)(iii)		
- 2 58 -	2 2 6 -	2 4 64	-	70
	- 23 -	(iv)		

TABLE II - continued

DEFECT OR DISEASE (1)	Routine Inspections		Special Inspections	
	No. of Defects		No. of Defects	
	Requiring treatment (2)	Requiring to be kept under observation, but not requiring Treatment (3)	Requiring treatment (4)	Requiring to be kept under observation, but not requiring Treatment (5)
DEFGS -				
(25) Bronchitis	15	7	1	...
(26) Other Non-Tuberculous Diseases	5	9	1	1
TUBERCULOSIS -				
Pulmonary:				
(27) Definite ....	...	...	...	...
(28) Suspected	5	12	...	1
Non-Pulmonary:				
(29) Glands ....	...	...	...	...
(30) Bones and Joints ....	...	...	...	1
(31) Skin ....	...	...	...	...
(32) Other Forms ....	...	1	...	...
Total (Heads 29 to 32)	...	1	...	1
NERVOUS SYSTEM -				
(33) Epilepsy ....	...	3	...	...
(34) Chorea	2	5	...	2
(35) Other Conditions	6	21	1	2
ABNORMALITIES -				
(36) Rickets	1	...	...	...
(37) Spinal Curvature	41	5	6	5
(38) Other Forms	34	12	3	2
(39) OTHER DEFECTS AND DISEASES (excluding Uncleanliness and Dental Diseases)	15	2	...	1
Total	614	395	67	36

B - CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING THE YEAR
IN THE ROUTINE AGE GROUPS.

Age-group	Number of Children Inspected	A (Excellent)		B (Normal)		C (Slightly subnormal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants	1696	154	9.1	1500	76.6	242	14.3	-	-
Second Age-group	1096	118	10.8	853	77.8	125	11.4	-	-
Third Age-group	1132	123	10.9	923	81.5	86	7.6	-	-
Other Routine Inspections	45	4	8.9	33	73.3	8	17.8	-	-
TOTAL	3969	399	10.1	3109	78.3	461	11.6	-	-