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COUNTY BOROUGH OF CROYDON

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
SCHOOL MEDICAL OFFICER
FOR THE YEAR 1941
OSCAR M. HOLDEN M.D. D.P.H.

PUBLIC HEALTH COMMITTEE

NOVEMBER, 1940 - 1941

THE WORSHIPFUL THE MAYOR.
(Aldermen A.H. Harding, J.P.)
Councillor G. Lewin, J.P. (Chairman)
Councillor H. Regan, (Vice-Chairman)
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Alderman Mrs. B.J. Roberts
Alderman Mrs. M. Squire, J.P.
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Councillor D.G. Stewart.
Councillor J.T. Twitchett.
Councillor G.H. Ward.
G.C. Genge Esq. M.D.;
J.H. Thompson Esq. M.B., D.Ch.

The Chairman and Members of the Public Health Committee.

Ladies and Gentlemen,

I have the honour to present my fourteenth Annual Report, being the forty-second of the series, dealing with the work of the Public Health and School Medical Departments.

The report has been greatly curtailed although the full statistical details have been prepared so that the sequence of figures is not broken and are available for reference if necessary.

Statistical Tables have been limited to those of most importance and interest, commentaries thereon have been omitted except where necessary to clarify the figures given.

Air-raids on a fairly heavy scale continued until the end of May but they did not dislocate the work of the department though on occasion they throw heavy extra burdens upon the staff.

The Birth-rate for the year was 14.3 per 1,000 of the estimated population, a decrease of 1.1 per 1,000 on 1940. The death rate was 13.75 a decrease of 1.85 per 1,000 of the population. The Infantile Mortality rate was maintained at a low level being 37 per 1,000 births. This is the lowest figure yet recorded for Croydon and must be considered as very satisfactory under the conditions prevailing. It is necessary however, to point out that owing to the uncertainty as to the actual population, which towards the end of the year showed a considerable ingress, it is not possible to say that the above figures are absolutely correct.

The incidence of notifiable diseases remained low, with the exception of Measles and Whooping Cough, both of which showed fairly considerable increase. This was expected as regards Measles, as the incidence had been exceptionally low in 1940. With the exception of these two zymotics, the figures for infectious diseases incidence have remained remarkably low taking into consideration the abnormal conditions brought about by sleeping in Air-raid shelters during the first part of the year.

The greatest cause of death was from diseases of the heart and circulatory system, and the figures rose from 4.31 per 1,000 of the population to 5.43. This increase is probably little influenced by raid conditions but the general stress and strain of life under wartime restrictions is probably a contributory factor. Deaths from diseases of the digestive system showed a decrease. Deaths due to enemy action numbered 0.68 per 1,000 of the population.

There has been an increase in skin affections, particularly Scabies, but so far influenza shows no tendency to assume the pandemic incidence which occurred in 1918 - 1919.

Considered as a whole as reflected in the Vital Statistics the health of Croydon has been well maintained in 1941.

Immunisation against Diphtheria has been proceeding steadily and the incidence of Diphtheria in Croydon during the year was the lowest yet noted. There is, however, much to be done before the desired rate of at least 80% of the population immunised is attained.

Full statistics are given of the cases treated in Mayday Hospital because this information may be of value to other hospitals. The hospital had a busy year though 250 beds were kept empty under the Emergency Hospital Scheme arrangements. Happily they have not yet been needed to go into commission.

So far there has been only a slight rise in the incidence of Tuberculosis both Pulmonary and Non-Pulmonary, whilst the death rates for both forms shows a small decline. As compared with England and Wales as a whole the figures are low.

The Comprehensive Maternity and Child Welfare Services have functioned well throughout the year. The figures are generally lower than in 1940 but this is due to a higher proportion of that section of the population concerned having evacuated from the town than was the case in 1940. The Maternal Mortality rate was 5.22 per 1,000 total live and still births, a figure higher than for 1940. Too much importance should not be assigned to this, however, on account of the relatively small number under consideration.

The number of cases of Venereal Diseases dealt with at the Clinic shows an increase on 1940. This unfortunately was expected as a concomitant of war time conditions. The powers for prevention of these infections is unhappily, very limited and there is certainly a need to bring in some method of securing that (a) Persons who know they are infected being compelled to obtain proper treatment and (b) seeing that treatment is carried through until cure or a non-infectious state is reached.

Although there has of necessity, been much diminution of activity in dealing with adverse housing conditions, the Chief Sanitary Inspectors' department has had a busy year, more particularly in connection with foods and drugs inspections. I feel it, however, my duty to point out that owing to the lack of repairs to houses, and the cessation of building of new houses, the problems which will face the Council in the near future, especially if there is - as appeared probable towards the end of the year - an influx of families into Croydon, will be both large and difficult. Already there are evidences of an increase in overcrowding, and of houses really unfit for human habitation, having to be occupied because there was nowhere else to go. If this undesirable state of affairs continues and becomes more pronounced it cannot but fail to have a detrimental influence upon the general health of the town.

A report upon the duties under the Mental Deficiency Acts is included as has been done in previous years. This work is under the jurisdiction of the Mental Deficiency Committee.

No report has been included respecting the Civil Defence duties undertaken by members of the Health Department as it is felt this is not properly a health service, though it has shown itself a service competent in the art and practice of saving life, not seldom under adverse environmental conditions.

In conclusion I wish to express my thanks to you, Ladies and Gentlemen for the help and encouragement you have at all times given me, and at the same time I would like to bring to your notice the loyal and competent way in which the members of my professional, technical and clerical staffs have carried out their duties.

Yours faithfully,

OSCAR. M. HOLDEN.

Medical Officer of Health.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

The staff of the Public Health Department on the 31st December, 1941, 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.
J.C. McMillan, M.B., Ch.B., B.A.O., B.Sc., 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.
J.P. Crichton, L.R.C.P., L.R.C.S., D.F.H., Temporary 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)

MAIDWAY HOSPITAL.

Charles Frederick Swinton, M.D., F.R.C.S., (Ed) Ch.M. Medical Superintendent.
John Joseph Walsh, M.D., F.R.C.S., (Eng.) Deputy Medical Superintendent.
John Ewart Edson, M.Sc., M.D., M.R.C.P., Senior Assistant Medical Officer. (on active service)
Eric Joseph Tamblyn, M.B., B.S., Senior Assistant Medical Officer.
Winifred Margaret Bond, M.R.C.S., L.R.C.P., Junior Assistant Medical Officer.
James Robertson Bryson, M.B., Ch.B., Junior Assistant Medical Officer.
Michael Chandler Mundle, M.R.C.S., L.R.C.P., Junior Assistant Medical Officer.
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. (on active service).
Ernest Marshall Cowell, D.S.O., M.D., F.R.C.S., Surgeon. (on active service).
Alan Herapath Todd, M.S., F.R.C.S., Orthopaedic Surgeon.
John Smead Bookless, B.A., M.B., B.S., 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, B.Sc., M.D., M.R.C.P., D.P.M., Psychiatrist.

Visiting Radiologist, Mayday Hospital

(a) David Low Greig, M.R.C.S., L.R.C.S., L.R.C.P., D.M.R.E.,
P.W. Hammond, M.D., (locum)

Visiting Anaesthetist, Mayday Hospital.

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

Public Vaccinators.

Charles Fredk. Swinton, M.D., F.R.C.S., (for Mayday Hospital)

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

Dr. H.E.A. Elder, M.B., Ch.B., (Deputy to Dr. W.H.M. Smith, M.R.C.S.,
L.R.C.P., on active service.)

Dr. D.F. Kanaar, B.Sc., M.D. (Deputy to Dr. G.D. McGrath, M.B., B.Ch.
B.A.O., on active service.)

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

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

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

Cecil Moredyth Jones, M.R.C.S., L.R.C.P. (for Shirley Residential Schools)

Dental Staff.

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

Assistant Dental Surgeons:(a)J.K.R. Bryce, L.D.S., W.A. Sowden Mills, L.D.S.

Miss S.M.V. Bathorn, L.D.S., C.P. Urbani, L.D.S., S.H. Parlow, L.D.S.
(locum)

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

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.

There are 5 disinfectors, and 8 assistants to the Sanitary Inspectors.

In addition 1 disinfecter and 5 assistants to the Sanitary Inspectors
are on active service.

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 1 whole-time Masseuse and Remedial Gymnast.

Municipal Midwives.

Norah A. Rigby. (Superintendent)

9 District Municipal Midwives.

Clerical Staff.

B.W. Cummins (Chief Clerk)

39 full-time Clerks (12 of whom are on active service and replaced
by 10 temporary clerks.)

Analyst (part-time)

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

Vaccination Officer.

Gerald H. Figgins. Cert. R.S.I.

Mayday Hospital, Croydon Borough Hospital, Croydon Borough Sanatorium,
and St. Mary's Maternity Hospital.

Nursing and Domestic Staffs.

Pathological Laboratory.

4 Laboratory Assistants.

(a) on active Service.

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SUMMARY OF VITAL STATISTICS FOR 1941

Area, 12,617 acres.

Population (Census 1931) 233,115. Population (estimated middle of 1941) 184,500.

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

Rateable Value (1st April 1941) £2,508,020

Product of a Penny Rate (1940 - 1941) £9,291

Rate in the £ 12/8d.

Gross expenditure on Health Services (administered by Medical Officer of Health	£232,254.
--	-----------

Income on Health Services (excluding transfers)	£ 65,757.
---	-----------

Net expenditure on Health Services	<u>£166,497.</u>
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Expressed as a Penny Rate, 17.92 pence in the pound.

Live Births -	M.	F.	Total
Legitimate	1,260	1,216	2,476
Illegitimate	82	84	166
			2,642

The Registrar General has submitted a separate figure of 2,408 for the purpose of calculating Infant and Maternal Mortality rates.

Birth-rate per 1,000 of the estimated resident population, 14.3.

Still Births 65 Rate per 1,000 total (live and still) births, 24.01 (for the purpose of Infant and Maternal Mortality rates the Registrar General submits a total of 64 still births).

Birth rate per 1,000 (live and still births) 14.7.

Deaths 2538. Death rate per 1,000 of the estimated resident population 13.75

Deaths from diseases and accidents of pregnancy and childbirth: 8.

From sepsis 3; other causes 5.

Maternal mortality 3.23 per 1,000 total live and still births.

" " 2.01 " " " " " " " (excluding abortions)

Death-rate of Infants under one year of age (90 deaths, 2408 births)

All Infants per 1,000 live births	37
Legitimate Infants (81 deaths) per 1,000 live births	34
Illegitimate Infants (9 deaths) per 1,000 live births	56

Deaths from Influenza	35	Deaths from Diphtheria (all ages)	4
" " Whooping Cough		" " Pneumonia	168
" " (all ages)	6	" " Cancer	370
" " Diarrhoea (under 2			
years of age)	6		

Rate per 1,000

Deaths from diseases of Cardiac and Circulatory System (including Cerebral Haemorrhage)	5.43
--	------

Deaths from diseases of the Respiratory System (including Tuberculosis)	2.39
---	------

Deaths from diseases of Renal System	...	...	...	...	...	...	...	0.35
Deaths from diseases of Digestive System	...	...	...	...	...	...	...	0.58
Deaths from Suicide and Accidents	...	...	...	...	...	...	...	0.44
Deaths from Old Age	...	...	...	...	...	...	...	0.54
Deaths from War Operations	...	...	...	...	...	...	...	0.68

Marriages

The number of marriages solemnised was 2,187 compared with 2792 in 1940; 2,674 in 1939; 2,319 in 1938; 2,210 in 1937; 2,198 in 1936. The marriage rate was 11.9 per 1,000 of the population; 1225 were solemnised in Established Churches, 319 in other places of worship; 643 in the Register Office and nil performed under Jewish ritual.

Births.

The births registered were 2,476 legitimate and 166 illegitimate. The birth rate consequently was 14.3. For England and Wales and in the Great Towns the rates were 12.2 and 14.7.

The illegitimate births in Croydon were 6.3 of the total, compared with 5.3 in 1940 and 1939; 4.9 in 1938; 4.6 in 1937; 5.5 in 1936 and 4.4 in 1935.

The live male births numbered 1,342, the female 1,300, being a proportion of 1,031 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 20.7, Whitehorse Manor 17.1 and Addiscombe 13.4. Those with the lowest were Norbury 7.3, Upper Norwood 7.6 and South 8.7.

Deaths.

The deaths numbered 2,538 compared with 3,118 in 1940. For 1941 the death rate was 13.7. For 1940 it was 15.6. The death rate for England and Wales was 12.9 and for the Great Towns 14.9. For London the death rate was 16.3.

There were 80 inquests held by Coroners in respect of Croydon residents during 1941 and 213 findings by Coroners after post mortem examination without inquest.

Wards with the highest death rates were: Whitehorse Manor 16.6, and Central 16.5; lowest in Waddon 10.0 and Addington 10.2.

Registrar General's Table of DEATHS according to Cause, Age and Sex.

	Sex	All Ages	0 -	1 -	5 -	15-	45-	65-
All Causes	M	1245	54	26	15	142	344	664
	F	1293	36	23	16	124	290	804
Whooping Cough	M	3	2	1	-	-	-	-
	F	3	-	3	-	-	-	-
Diphtheria	M	3	-	1	2	-	-	-
	F	1	-	1	-	-	-	-
Cerebro Spinal Fever	M	3	-	2	-	-	1	-
	F	6	-	2	1	3	-	-
Typhoid group	M	1	-	-	-	1	-	-
	F	-	-	-	-	-	-	-
Measles	M	4	1	2	1	-	-	-
	F	1	-	1	-	-	-	-
Influenza	M	11	-	-	-	1	1	9
	F	24	1	2	-	-	3	18
Poliomyelitis & Polioencephalitis	M	2	-	-	-	2	-	-
	F	-	-	-	-	-	-	-
Acute infantile encephalitis	M	-	-	-	-	-	-	-
	F	1	-	-	-	1	-	-
Tuberculosis (respiratory)	M	52	-	-	-	20	22	10
	F	38	-	-	2	22	11	3
Tuberculosis (other forms)	M	9	2	-	1	5	1	-
	F	12	-	3	2	3	2	2
Syphilitic diseases	M	16	-	-	-	1	12	3
	F	6	-	-	-	1	2	3
Cancer	M	194	-	-	-	18	74	102
	F	176	-	-	1	8	79	88
Diabetes	M	7	-	-	-	-	1	6
	F	12	-	-	-	-	5	7
Cerebral Haemorrhage etc:	M	65	-	-	-	3	20	42
	F	130	-	-	-	5	30	95
Heart diseases	M	364	-	-	-	12	75	277
	F	375	-	-	-	8	40	327
Other circulatory diseases	M	39	-	-	-	2	11	26
	F	36	-	-	-	3	6	27
Bronchitis	M	60	1	1	-	1	13	44
	F	72	1	-	-	1	11	59
Pneumonia (all forms)	M	74	13	8	-	2	19	32
	F	94	13	1	-	6	24	50
Other respiratory diseases	M	12	-	-	-	2	8	2
	F	18	-	-	1	2	8	7
Ulcer of stomach or duodenum	M	27	-	-	-	7	14	6
	F	4	-	-	-	-	2	2
Diarrhoea (under 2 years)	M	5	4	1	-	-	-	-
	F	1	1	-	-	-	-	-
Appendicitis	M	6	-	1	1	1	2	1
	F	3	-	-	1	1	1	-
Other digestive diseases	M	29	-	-	1	2	12	14
	F	32	-	-	-	6	6	20
Nephritis	M	27	-	-	-	3	11	13
	F	37	-	-	-	6	14	17
Puerperal sepsis	F	3	-	-	-	3	-	-
Other maternal causes	F	5	-	-	-	5	-	-
Congenital debility, malformations, premature birth, etc:	M	31	27	1	1	2	-	-
	F	20	16	1	-	1	2	-
Suicide	M	8	-	-	-	2	2	4
	F	10	-	-	-	4	5	1
Road traffic accidents	M	9	-	-	-	3	3	3
	F	6	-	-	-	2	4	-
Other violent causes	M	108	2	4	6	34	30	32
	F	88	3	7	6	25	12	35
All other causes	M	76	2	4	2	18	12	38
	F	79	1	2	2	8	23	43
Totals		2538	90	49	31	266	634	1468

COMPARISONS with 1940.

In the zymotic diseases group there were increases in the number of deaths caused by Whooping Cough and Measles; there was 1 death in the Typhoid group compared with nil in 1940; deaths from Diphtheria remained at 4.

The deaths from Pulmonary Tuberculosis decreased by 38, those from Cancer by 60; and those from Heart disease by 16. There was an increase of 13 in the Pneumonia deaths and a decrease of 70 in those caused by Bronchitis.

Deaths from Suicide and other violence show a decrease of 214, and road-traffic accidents caused 8 less deaths than in 1940.

The total number of deaths was 2538 as compared with 3132 in 1940.

The percentage of deaths under 1 year of age to the total deaths was 3.5%; deaths under 15 years 6.7%; deaths under 65 years 42.2%; and deaths over 65 years 57.8%. The corresponding figures for 1940 were 3.7%; 6.6%; 46.8%; 53.2% respectively.

The above total differs by 1 from the total recorded by the department, as the period covered by the Registrar General refers to the weekly returns from the Registry of Deaths, whereas the department records are calculated from 1st January to 31st December.

WATER

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

The amount of water consumed during the year was

Corporation's Wells	2,395,302,512
Metropolitan Water Board in bulk	335,798,000
	<hr/>
	2,731,100,512. Gallons.
	<hr/>

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

LABORATORY, AMBULANCE, NURSING FACILITIES, HOSPITALS, ETC.

There have been no material changes in the Laboratory, Ambulance and Nursing Facilities in the home since my report, in 1940

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

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

Cause of Death.	1936 Total Deaths	1937 Total Deaths	1938 Total Deaths	1939 Total Deaths	1940 Total Deaths	1941 Total Deaths	Death Rate
Enteric Fever	4	35	12	2	-	1	0.005
Malaria	-	-	-	-	-	1	0.005
Small Pox	-	-	-	-	-	-	-
Measles	21	5	8	-	-	5	0.027
Scarlet Fever	2	3	3	-	-	-	-
Whooping Cough	15	5	3	3	2	6	0.033
Diphtheria and Croup	8	15	16	16	4	4	0.022
Influenza (including Influenzal pneumonia)	39	71	21	48	49	36	0.195
Dysentery	-	-	1	1	-	2	0.011
Erysipelas	6	3	3	2	2	-	-
Cerebro-Spinal Fever	-	3	5	2	16	8	0.043
Pulmonary Tuberculosis	132	140	117	89	128	90	0.488
Tuberculous Meningitis	19	15	20	13	6	10	0.103
Other Tuberculous Diseases	)	)	)	)	15)))
Cancer, Malignant Disease	428	432	387	419	443	376	2.038
Rheumatic Fever	6	11	6	2	8	2	0.011
Meningitis	4	4	5	3	5	3	0.016
Organic Heart Disease	749	770	777	782	682	672	3.642
Bronchitis, Acute) and Chronic)	44	50	49	47	130	80	0.434
Pneumonia	185	179	150	151	206	194	1.051
Other Diseases of the Respiratory Organs)	23	12	25	13	21	30	0.163
Diarrhoea & Enteritis	31	45	29	23	18	13	0.075
Appendicitis	18	23	15	15	15	10	0.054
Cirrhosis of Liver	8	9	8	12	1	10	0.054
Alcoholism	-	1	1	1	2	1	0.005
Nephritis & Bright's) Disease)	89	84	72	63	63	60	0.325
Puerperal Fever	5	1	1	2	2	3	0.016
Other diseases & accidents of pregnancy & parturition	7	11	2	2	3	5	0.027
Congenital Debility) Malformation and) Premature Birth)	63	105	64	71	53	34	0.184
Violent Deaths (excluding suicide)	85	102	78	77	61	74	0.401
Suicide	29	30	43	28	20	20	0.108
Other Defined Diseases	570	654	595	662	1152	778	4.217
Diseases Ill-Defined or Unknown	-	2	-	3	11	2	0.011
TOTAL	2590	2800	2496	2557	3118	2539	

♂ Calculated per 1,000 live and still births.

1941 showed a decrease in the general death rate and the birth rate.

MAYDAY HOSPITAL.

Specialised Services.

Orthopaedic, Gynaecological, Dental, X-ray, Deep X-ray Therapy, Massage, Ultra-violet Light, Ophthalmic, Ear, Nose and Throat, School E.N.T. Clinic, Gastroscopy.

Number of Trained nurses. 37 plus 15 Pupil Midwives.
 Number of Probationer nurses. 79
 Number of Assistant nurses. 5
 Number of Male Attendants. 7

Accommodation.

Wards.	Normal or Basic Rating.	Emergency Bed Rating.	
1.	52	3	(Converted into Casualty Reception Ward.)
2.	32	40	
3.	32	40	
4.	32	40	
5.	32	40	
6.	28	34	
7.	32	8	(Converted into Casualty Reception Ward.)
8.	32	37	
9.	32	40	
10.	32	39	
11.	32	40	
12.	32	40	
13.	23	35	
14.	23	35	
15.	23	35	
16.	23	28	
C.W.1	24 cots	Beds not returned to E.M.S. except under	
C.W.2.	24 cots	heading Reserved beds - 17.17. Adult Beds.	
C.W.3		Emergency Theatre.	
Maternity Block.	44	) This is exclusive of 1st stage labour and labour	
* Maternity Isolation	4	) beds and infants cots.	

* Maternity isolation ward destroyed by enemy action.

GENERAL STATISTICS.

1. Total number of admissions (including infants born in hospital)	4,853
2. Number of Women confined in hospital.....	627
3. Number of live births	606
4. Number of still births	28
5. Number of deaths among the newly-born	19
(i.e. under 4 weeks of age)	
6. Number of deaths among children under 1 year	36
(including those given under 5)	
7. Number of Maternal deaths among women admitted to Hospital for confinement	5
8. Total number of deaths	630
9. Total number of discharges including infants born in Hospital ..	4,173
10. Duration of stay of patients included in 8 and 9 above:-	
(a) Under four weeks	3,397
(b) Four weeks and under thirteen weeks	863
(c) Thirteen weeks or more	143
11. Number of beds occupied (excluding cots in Maternity wards)	
(a) Average during the year	295
(b) Highest 351 on 10.3.41.	
(c) Lowest 170 on 26.4.41.	
12. Number of surgical operations under general anaesthetic... ..	1,487
(excluding dental operations)	
13. Number of abdominal sections	460

Classification of In-Patients who were discharged from or who died in
the Institution during the year ended 31st December, 1941.

<u>Disease Groups.</u>	<u>Children</u> <u>under 16 yrs.</u> <u>of age.</u>		<u>Men and</u> <u>Women</u>	
	<u>Discharged.</u>	<u>Died</u>	<u>Discharged.</u>	<u>Died.</u>
A. Acute infectious disease	28	-	19	2
B. Influenza	1	-	22	1
C. Tuberculosis:				
Pulmonary	1	-	51	23
Non-Pulmonary	8	5	13	4
D. Malignant Disease	-	-	73	124
E. Rheumatism:				
(1)	2	-	9	-
(2)	-	-	1	-
(3)	-	-	14	2
F. Venereal Disease	-	-	9	4
G. Puerperal Pyrexia	-	-	29	-
Puerperal Fever	-	-	-	-
H. Other diseases and accidents connected with pregnancy and childbirth.	-	-	417	6
I. Mental diseases	6	-	176	-
J. Senile Decay	-	-	39	31
K. Accidental injury and violence	32	1	231	28
<u>In respect of cases not included above.</u>				
L. Diseases of the Nervous System and Sense Organs	11	6	80	68
M. Disease of the Respiratory System	87	18	164	50
N. " " " Circulatory System	6	1	151	145
O. " " " Digestive System	67	3	416	32
P. " " " Genito-Urinary System	12	-	115	24
Q. " " " Skin	62	1	79	7
R. Other Diseases	222	3	269	19
S. Mothers & Infants discharged from Maternity Wards and not included in above figures.	-	-	600	5
Mothers:	574	17	-	-
Infants:				
T. Any persons not falling under any of the above headings.	42	-	35	-
TOTALS	1,161	55	3,012	575

Number of X-Ray Films Taken

Spine...	...	...	...	...	...	269
Bones...	...	...	...	...	...	852
Pelvis..	...	...	...	...	...	56
Chest...	...	...	...	...	...	1578
Barium Meals..	...	...	...	...	...	559
Barium Enemata	...	...	...	...	...	101
Renal...	...	...	...	...	...	191
Gall-bladder..	...	...	...	...	...	160
Teeth...	...	...	...	...	...	421
Abdominal F.B.	...	...	...	...	...	29
Maternity cases	...	...	...	...	...	353
Skull...	...	...	...	...	...	343

4,912

Total number of cases x-rayed - 2,463

DIAGNOSTIC

	<u>1940</u>	<u>1941</u>
Oesophagus with Barium ...	3	7
Barium meals..	140	140
Barium enemata	16	36
Gall-bladder (plain)	7	20
Cholecystograms	16	31
Renal tracts (plain)	24	29
Pyelograms	28	30
Abdomen for F.B's etc.	10	10
Maternity cases	164	155
Hystero-graphies	5	4
Lungs (Mayday)	383	362
Sick Staff	8	7
Staff on appointment	71	91
T.B. Dispensary	730	763
Others..	27	-
Lungs after lipiodol	7	8
Heart and aorta	2	5
Skulls	98	81
Accessory nasal sinuses...	16	31
Vertebral column	76	90
Ribs ...	41	22
Pelvis..	29	41
Long Bones	250	155
Short Bones...	59	124
Joints..	472	281
Teeth and jaws	82	141
	<u>2,764</u>	<u>2,664</u>
Examinations by portable set ...	<u>204</u>	<u>129</u>

X-RAY.

	<u>1940</u>	<u>1941</u>
Men's Wards... ..	731	625
Women's Wards.	579	467
Children's Wards	80	57
Maternity & Gynaecological Wards ...	124	77
Staff	<u>108</u>	<u>131</u>
Total in-patients	<u>1,622</u>	<u>1,357</u>
T.B. Dispensary (men)	404	395
Women	299	336
Children under 16 ...	27	32
Croydon Borough Hospital.. ...	3	1
Ante-Natal Clinic... ..	125	118
St. Mary's Hospital.	10	5
Queen's Road Homes.. ...	32	16
Dental Clinic	77	108
Others... ..	<u>67</u>	<u>56</u>
Total "Out-Patients"	<u>1,044</u>	<u>1,067</u>
Total	<u>2,666</u>	<u>2,424</u>
Screen Examinations	<u>266</u>	<u>397</u>

MASSAGE.

Massage... ..	4,094
Exercises..	1,101
Radiant Heat	1,538
Electrical.	389
Diathermy (Discontinued for duration of war)	
Ultra Violet light... ..	749
Wax	-
Infra red.	<u>1,062</u>
	<u>8,933</u>
Total number of patients treated ...	<u>334</u>

MENTAL PATIENTS DEALT WITH DURING THE YEAR.

	<u>Male</u>	<u>Female</u>
Admitted..	79	113
Certified and sent to Warlingham Park Hospital ...	6	12
As Voluntary Patients to Warlingham Park Hospital ...	46	56
Discharged not certified... ..	24	34

SPECIMENS EXAMINED IN THE PATHOLOGICAL LABORATORY
DURING THE YEAR.

	<u>Positive.</u>	<u>Negative.</u>
Swabs for Diphtheria	8	432
Sputa for T.B.	63	294
Pus for T.B.	3	3
Urine for T.B.	2	8
Faeces for Coli- Typhoid Group	7	127
Blood-widels	6	30
Hairs for Ringworm	1	1
Blood cultures	16	27
Faeces for occult blood	84	129
	<hr/>	<hr/>
	1,241	
Urine for routine examination	955	
Pus for organisms.	148	
Blood urea estimations.	201	
Blood Sugar estimations	85	
Cerebro spinal fluids	93	
Urea Conc. tests	68	
Urea clearance tests	68	
Fractional test meals	67	
Pleural fluids	47	
Blood counts	524	
Blood Groups	144	
Haemoglobin estimations	640	
Faecal fat estimations	1	
Van den Bergh re-action	9	
Vaccines	3	
Blood sedimentation rates	54	
Glucose tolerance tests	2	
Blood coagulation and bleeding time	8	
Other examinations - unclassified	197	
Total number of examinations.	<hr/>	<hr/>
	4,555	

No. of specimens sent to Croydon General Hospital 414

Number of Post Mortems ordered by the Coroner and performed at Mayday Hospital during the year.

Outside cases	188
Hospital cases	73

Number of Post Mortems not ordered by the Coroner. 69.

THERAPY DEPARTMENT.

Condition for which treatment was given.	No. of patients.	No. of applications.	Cured.	Relieved.	Died.	Transferred to other Hosps.	Still under Treatment.
Carcinoma of Anus	1	12	-	-	1	-	-
Cervix	2	20	-	1	-	-	1
Uterus	3	28	-	1	-	-	2
Breast	10	123	-	-	1	1	8
Larynx	1	62	-	-	-	-	1
Rectum	3	33	-	2	-	-	1
Ovaries	2	66	-	-	-	-	2
Hard Palate	1	12	-	-	-	-	1
Shoulder	1	8	-	-	-	-	1
Jaw	1	9	-	-	1	-	-
Fibroid Uterus	2	16	-	-	-	-	2
Sterilization	4	16	2	-	-	-	2
Lymphosarcoma	2	23	-	-	1	-	1
Epithelioma of lip	1	9	-	-	-	-	1
Pruritis	1	6	-	-	-	-	1
Secondaries Liver	1	6	-	-	-	-	1
Malignant testicle	4	33	-	-	1	-	3
Warts	1	8	-	1	-	-	-
	41	495	2	5	5	1	28
Corresponding Totals for 1940.	26	181	6		2	2	8

	<u>MEDICAL</u>				<u>SURGICAL</u>				<u>TOTAL</u>
Diagnosis	Cured	Relieved	Unrelieved	Died	Cured	Relieved	Unrelieved	Died	
<u>Alimentary.</u>									
Appendicitis.	-	-	-	-	119	21	2	6	148
Gastric ulcer.	-	1	-	3	11	26	3	7	51
Duodenal ulcer.	2	3	-	2	2	19	1	1	30
Dyspepsia.	1	1	-	-	-	-	-	-	2
Cholelithiasis	4	3	-	1	3	2	-	-	13
Colitis	2	-	-	2	-	-	-	-	4
Intestinal obstruction-	-	-	-	-	4	4	-	4	12
Ischio-rectal abscess	-	-	-	-	2	1	-	-	3
Constipation.	14	16	1	-	-	-	-	-	31
Hernia.	-	-	-	-	36	36	1	5	78
Haemorrhoids.	-	-	-	-	2	4	1	-	7
Cholecystitis	-	-	-	-	5	16	-	-	21
Gastro-enteritis	19	5	1	1	-	-	-	-	26
Gastritis.	9	10	1	-	-	-	-	-	20
Alveolar abscess	-	-	-	-	2	3	-	-	5
Cirrhosis of Liver	-	-	-	1	-	-	-	-	1
Intestinal colic	2	4	-	-	-	-	-	-	6
Catarrhal jaundice.	1	-	-	-	-	-	-	-	1
Prolapse of rectum.	-	-	-	-	-	1	1	-	2
Pyloric Stenosis	5	1	-	-	-	-	-	-	6
Fistula in Ano.	-	-	-	-	1	-	1	-	2
Swallowed Fb.	2	-	-	2	-	-	-	-	4
Diarrhoea	1	-	-	-	-	-	-	-	1
Cyclic vomiting	-	1	-	-	-	-	-	-	1
Peptic ulcer	2	2	-	-	-	-	-	-	4
Peritonitis	-	1	-	-	2	1	-	-	4

Diagnosis	Cured	Relieved	Unrelieved	Died.	Cured	Relieved	Unrelieved	Died.	Total
Stomatitis	1	-	-	-	-	-	-	-	1
Adhesions.	-	1	-	-	-	1	-	-	2
Pelvic Abscess	-	-	-	-	-	1	-	-	1
Collapse.	4	-	1	-	-	-	-	-	5
Pyloric ulcer.	-	1	-	-	1	-	-	-	2
Appendicular abscess.	-	-	-	-	3	2	-	-	5
Perianal abscess.	-	-	-	-	-	1	-	-	1
Pancreatitis.	-	-	-	-	-	1	-	-	1
Pyloric obstruction.	-	-	1	-	1	-	-	-	2
Ileitis.	-	-	1	-	-	-	-	-	1
Peridiverticulitis.	-	-	-	-	-	1	-	-	1
Gallstone Colic.	-	3	1	-	-	-	-	-	4
Intussusception.	1	-	-	-	-	-	-	-	1
Gingivitis.	-	-	-	-	2	1	-	-	3
Polyposis Intestine.	-	1	-	-	-	-	-	-	1
Visceroptosis.	-	1	-	-	-	-	-	-	1
Diverticulitis.	-	1	-	-	-	-	-	-	1
Proctitis.	-	1	-	-	-	-	-	-	1
Haematemesis of unknown origin.	1	-	-	-	-	-	-	-	1

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Bones and Joints.

Arthritis.	-	6	6	2	-	-	-	-	14
Sacro iliac strain.	1	-	-	-	-	-	-	-	1
Fibrositis	1	2	-	-	-	-	-	-	3
Bursitis.	1	1	-	-	-	-	-	-	2
Synovitis.	-	-	-	-	-	-	-	-	4
Osteo-myelitis.	-	-	-	-	-	7	1	4	12
Osteo-arthritis.	-	3	1	-	-	-	-	-	4
Coxitis.	1	-	-	-	-	-	-	-	1
Rheumatism.	5	6	1	-	-	-	-	-	12
Hallux Valgus.	-	-	-	-	-	2	-	-	2
Osteoporosis.	-	-	1	-	-	-	-	-	1
Osteitis.	-	1	-	-	-	-	-	-	1

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Circulatory - Heart.

Myocardial degen.	-	10	4	73	-	-	-	-	87
Aortic Incompetence.	-	1	-	-	-	-	-	-	1
Arterio-Sclerosis.	-	5	5	4	-	-	-	-	14
Endocarditis.	-	1	1	4	-	-	-	-	6
Myocarditis.	-	10	11	10	-	-	-	-	31
Carditis.	-	1	1	-	-	-	-	-	2
Auricular Fibrillation.	-	4	-	4	-	-	-	-	8
Mitral Stenosis.	-	18	1	1	-	-	-	-	20
" Regurgitation.	-	1	-	-	-	-	-	-	1
Congestive Heart failure.	-	6	1	15	-	-	-	-	22
Heart failure.	-	5	-	17	-	-	-	-	22
Congenital heart disease	-	-	1	1	-	-	-	-	2
Tachycardia.	1	3	2	-	-	-	-	-	6
Coronary Thrombosis.	2	-	-	3	-	-	-	-	5
Angina.	-	3	-	-	-	-	-	-	3
Lymphangitis.	-	1	-	-	-	-	-	-	1
Cardiac disease.	-	-	1	-	-	-	-	-	1

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MEDICAL.

SURGICAL.

Diagnosis.	Cured	Relieved	Unrelieved	Died.	Cured	Relieved	Unrelieved	Died.	Total
<u>Circulatory - Blood.</u>									
Anaemia.	1	5	-	1					7
Hyperpiesia.	-	10	8	1					19
Septicaemia.	-	-	-	2					2
Pernicious Anaemia.	1	7	1	2					11
Epistaxis.	4	2	2	-					8
Thrombosis.	1	1	-	-					2
Phlebitis.	5	4	-	-					9
Varicose veins.	-	3	-	-					3
Gangrene.	-	-	-	4					4
Leukaemia.	-	-	-	4					4
									69
<u>Carcinoma.</u>									
Breast.					4	7	5	8	24
Stomach.					-	1	3	29	33
Rectum.					-	3	5	13	21
Ovary.					-	2	-	-	2
Cervix.					-	2	2	-	4
Uterus					-	-	2	2	4
Prostate					-	5	2	9	16
Tongue and Mouth.					-	2	1	2	5
Colon.					-	2	1	13	21
Spine.					-	1	-	-	1
Larynx.					-	1	2	1	4
Oesophagus.					-	-	-	3	3
Gall bladder.					-	-	1	1	2
Lung.					-	1	-	5	6
Bronchus.					-	-	-	3	3
Pancreas.					-	-	-	6	6
Epithelioma.					-	2	3	3	8
Clavicle					-	1	-	-	1
Antrum.					-	-	-	1	1
Cheek.					-	-	-	1	1
Urinary Bladder.					-	1	1	3	5
Cervix Uteri.					-	-	4	2	6
Sarcoma of Femur.					-	-	-	2	2
" " Lung.					-	-	-	2	2
" " Jaw.					-	-	1	-	1
Penis.					-	-	-	2	2
Liver.					-	-	-	1	1
Tonsil.					-	-	-	1	1
Recto-sigmoid junction.					-	-	-	1	1
Ventriculi.					-	1	-	1	2
Rodent ulcer.					-	-	1	1	2
Mesentery.					-	-	1	1	2
Intestine.					-	-	-	2	2
Pelvic-rectal junction.					-	1	-	-	1
Labium.					-	-	1	-	1
									197
<u>Constitutional.</u>									
Diabetes Mellitus.	-	8	1	8					17
Debility.	-	2	1	-					3
Nutritional disorder	4	1	-	-					5
Marasmus.	9	5	-	1					15
Malnutrition.	-	2	1	-					3
Obesity.	-	-	1	-					1
									44

Diagnosis.MEDICAL.SURGICAL.TOTAL

Cured	Rel- ieved	Unrel- ieved	Died.	Cured	Rel- ieved	Unrel- ieved	Died.	
-------	---------------	-----------------	-------	-------	---------------	-----------------	-------	--

Eyes.

Corneal ulcers.

Ophthalmitis.

-	2	1	-	3
-	-	1	-	1
				<u>4</u>

Ear, Nose and Throat.

Enlarged T & A.

Labrynthine dis:

Quinsey.

Otitis Media.

Pharyngitis.

Otorrhoea.

Mastoiditis.

Sinusitis.

Tracheitis.

11	3	5	-	114	23	2	-	158
-	-	1	-	-	-	-	-	1
3.	2	-	-	-	-	-	-	5
-	-	-	-	13	7	4	-	24
-	-	-	-	-	1	-	-	1
-	-	-	-	3	2	2	-	7
-	-	-	-	6	-	3	-	11
-	-	-	-	-	1	-	-	1
-	1	-	-	-	-	-	-	1

209Genito Urinary.

Nephritis.

Urethral stricture.

Pyelitis.

Perinephric abscess.

Enlarged Prostate.

Hydrocele.

Cystitis.

Papilloma of bladder.

Uraemia.

Renal Colic.

Vescial calculus.

Hydronephrosis.

Urinary calculus.

Pyonephrosis.

Epididymo Orchitis.

Circumcision.

Haematuria.

Retention.

Diverticulitis.

Varicocele.

Haemorrhage per

Urethra.

Urethral fistula.

Haematocoele.

Emuresis.

Rupture of kidney.

Balanitis.

Fibrosis of Prostate.

Epididymitis.

2	2	2	7	-	-	-	-	13
-	5	1	-	-	1	-	-	7
22	15	-	-	-	-	-	-	37
-	-	-	-	-	-	-	1	1
1	1	2	2	9	8	-	4	27
-	-	-	-	-	1	-	-	1
3	6	-	1	-	-	-	-	10
-	1	3	1	-	2	-	-	7
-	1	-	8	-	-	-	-	9
-	3	-	-	-	-	-	-	3
-	1	-	-	1	1	-	-	3
-	-	-	-	1	-	-	-	1
-	1	-	-	2	2	-	-	5
-	-	-	-	-	2	-	-	2
1	-	-	-	-	-	-	-	1
-	-	-	-	6	1	-	-	7
-	-	-	-	-	1	-	-	1
-	2	-	-	-	-	-	-	2
-	4	1	-	-	-	-	-	5
-	-	-	-	-	1	-	-	1
-	1	-	-	-	-	-	-	1
-	-	-	-	-	1	-	-	1
-	1	-	-	-	-	-	-	1
-	-	-	-	-	1	-	-	1
-	-	-	-	-	1	-	-	1
-	1	-	-	-	-	-	-	1

151.Glands.

Adenitis.

Hodgkins Disease.

Adenoma.

Goitre.

Glandular Fever.

Myxoedema.

Thyrotoxicosis.

Hyperthyroidism.

-	-	-	-	11	3	-	1	15
-	-	-	-	-	-	1	-	1
-	-	-	-	1	-	-	-	1
-	-	-	-	-	-	-	1	1
1	-	-	-	-	-	-	-	1
-	3	1	-	-	-	-	-	4
1	2	-	-	-	-	-	-	3
-	1	-	-	-	-	-	-	1

27

MEDICAL

SURGICAL

TOTAL

Diagnosis.	Cured	Rel- ieved	Unrel- ieved	Died.	Cured	Rel- ieved	Unrel- ieved	Died.	
<u>Gynaecological.</u>									
Abortion.	139	35	8	5					187
Ovarian cyst.	17	1	-	-					18
Fibrosis Uteri.	28	1	1	-					30
Uterine haemorrhage.	2	4	-	-					6
Mastitis	13	10	-	-					23
Menorrhagia.	-	1	-	-					1
Metrorrhagia.	-	-	1	-					1
Vaginitis.	-	3	-	-					3
Dysmenorrhoea.	-	-	2	-					2
Bartholin's Abscess.	4	-	-	-					4
Erosion of Cervix.	3	7	1	-					11
Deficient Pelvic Floor.	15.	-	-	-					15
Subinvolution.	-	1	-	-					1
Pelvic Peritonitis.	-	1	-	-					1
Salpingitis.	2	6	3	1					12
Retroversion.	11	1	3	-					15
Salpingo-oophritis.	1	2	-	-					3
Retained products.	4	-	-	-					4
Cervicitis.	3	5	-	-					8
For Sterilization.	-	-	2	-					2
Urethral Caruncle.	-	1	-	-					1
Cystocele.	3	1	-	-					4
Cervical Polypus.	4	1	-	-					5
Procidentia	2	1	-	-					3
Pelvic Infection.	2	4	-	-					6
Urethral tear.	1	-	-	-					1
Ovarian abscess.	-	1	-	-					1
Vaginal discharge.	-	2	1	-					3
Dyspareunia.	-	-	1	-					1
Sterility.	-	-	7	-					7
Menopausal syndrome	-	2	-	-					2
Pelvic abscess.	-	1	-	1					2
Prolapsed Uterus.	2	2	1	-					5
Endocarditis	1	-	-	-					1
Prolapsed ovary.	-	1	-	-					1
Atresia of Vagina.	1	-	-	-					1
									391
<u>Maternity.</u>									
For version	-	3	4	-					7
Pyelitis of Pregnancy.	9	13	2	-					24
Albuminuria of "	1	9	1	-					11
False labour pains.	-	6	10	-					16
Ectopic gestation.	4	-	-	-					4
A.P.H.	2	4	1	-					7
R.B.P.	2	18	1	-					21
Toxaemia of pregnancy.	2	17	1	-					20
Vomiting of "	13	6	-	-					19
Anaemia of "	-	1	-	-					1
A.N. Observation.	6	24	23	-					53
A.N. Rest.	-	4	1	-					5
Hydramnios.	-	1	-	-					1
For termination of pregnancy.	1	-	-	-					1
P.P.H.	1	-	-	-					1
Ruptured tubal pregnancy.	-	-	-	1					1
									192

Diagnosis.	MEDICAL				SURGICAL				TOTAL
	Cured	Relieved	Unrelieved	Died.	Cured	Relieved	Unrelieved	Died.	
<u>Infectious.</u>									
Influenza.	18	4	-	-					22
Scarlet Fever.	-	-	4	-					4
Paratyphoid.	-	-	1	-					1
Dysentery.	-	1	2	1					4
Whooping Cough.	1	-	7	-					8
Cerebro spinal fever	1	1	5	1					8
Influenzal Pneumonia.	10	1	-	-					11
Measles	-	-	12	-					12
Diphtheria	-	-	1	1					2
Chicken pox.	-	-	1	-					1
									<u>73</u>
<u>Mental.</u>									
Uncertified.	1	20	94	-					115
Certified.	-	-	18	-					18
M.D.	-	1	2	-					3
Epilepsy.	2	14	4	-					20
G.P.I.	-	-	3	-					3
Imbecile.	-	-	1	-					1
Senile Dementia.	-	4	11	-					15
Loss of Memory.	1	2	1	-					4
Hysteria.	-	2	-	-					2
Cretin.	-	1	-	-					1
									<u>182</u>
<u>Nervous and Sensory.</u>									
Cerebral Haemorrhage.	-	6	2	39					47
Meningitis.	4	-	1	6					11
Chorea.	5	2	-	-					7
Hemiplegia.	-	3	3	-					11
Sciatica.	2	2	-	-					4
Neurosis.	-	6	2	-					8
Cerebral thrombosis.	2	9	5	22					38
Cerebral tumour.	-	-	1	-					1
Disseminated sclerosis.	-	3	2	-					5
Paralysis Agitans.	-	-	1	-					1
Neuralgia.	-	1	-	-					1
Convulsions.	-	-	-	1					1
Tabes Dorsalis	-	1	2	-					3
Parkinson's disease.	-	-	1	-					1
Cerebral arteriosclerosis	-	3	3	-					6
Cerebellar tumour.	-	-	1	-					1
Paraplegia.	-	1	-	1					2
Cerebral abscess.	-	-	1	-					1
Subarachnoid haem.	-	1	-	3					4
Motor Spasm.	1	2	-	-					3
Landry's paralysis.	-	-	-	1					1
Von Recklinghausens Dis.	-	-	1	-					1
Apnesia.	-	-	1	-					1
Tetanus.	1	-	-	-					1
Migraine.	1	1	-	-					2
Cerebral degeneration.	-	-	-	1					1
Tics.	1	-	-	-					1
Hydrocephalus.	-	-	1	-					1
									<u>165</u>

MEDICAL

SURGICAL

TOTAL

<u>Diagnosis.</u>	<u>Cured</u>	<u>Relieved</u>	<u>Unrelieved</u>	<u>Died</u>	<u>Cured</u>	<u>Relieved</u>	<u>Unrelieved</u>	<u>Died</u>	
<u>Respiratory.</u>									
Bronchitis.	47	37	3	8					95
Pneumonia.	87	6	3	54					150
Pleural effusion.	-	3	4	-					7
Bronchial catarrh.	2	1	-	-					3
Bronchiectasis.	-	8	3	1					12
Atelectasis.	1	1	-	-					2
Pleurisy.	6	7	-	-					13
Emphysema.	-	2	-	-					2
Asthma.	7	11	2	-					20
Empyema.	-	3	-	2					5
Pulmonary abscess.	-	-	2	-					2
Neoplasm.	-	-	1	-					1
Spontaneous Pneumothorax.	1	1	-	-					2
Asphyxia.	-	-	-	1					1
Fibrosis of lungs.	-	2	-	-					2
Tumour of lung.	-	-	-	1					1
Pulmonary embolism	-	-	-	1					1
									<u>319.</u>
<u>Senility.</u>	1	19	19	31					70.
<u>Skin.</u>									
Boils, abscess and carbuncles.	-	-	-	-	21	11	-	-	32
Burns and Scalds.	-	-	-	-	9	4	-	4	17
Eczema	5	4	-	-	-	-	-	-	9
Impetigo.	11	2	-	-	-	-	-	-	13
Sockies	22	6	1	-	-	-	-	-	29
Dermetitis.	7	2	-	-	-	-	-	-	9
Pemphigus.	-	-	-	1	-	-	-	-	1
Septic Spots.	-	-	-	-	1	3	-	-	4
Lymphangitis.	1	-	-	-	-	-	-	-	1
Actinomycosis.	-	-	-	1	-	-	-	-	1
Cellulitis.	2	6	-	1	-	-	-	-	9
Sinusitis.	2	3	1	1	-	-	-	-	7
Ulceration.	4	6	1	-	-	-	-	-	11
Herpes.	2	1	-	-	-	-	-	-	3
Papilloma.	-	-	-	-	1	-	-	-	1
Urticaria.	1	-	-	-	-	-	-	-	1
Erysipelas.	-	1	-	-	-	-	-	-	1
									<u>149</u>
<u>Pulmonary Tuberculosis.</u>	-	28	24	23					75
<u>Non-Pulmonary Tuberculosis.</u>									
Rib.					-	1	-	-	1
Spine.					-	3	3	-	6
Meninges.					-	-	-	5	5
Knee.					-	2	-	-	2
Glands.					-	3	1	-	4
Hip.					-	1	-	-	1
Shoulder.					-	-	1	-	1
Pericarditis					-	-	-	1	1
Kidney.					-	1	-	1	2
Epididymitis.					-	1	-	-	1
Elbow.					-	-	1	-	1
Miliary.					-	-	-	1	1
Abdominal.					-	-	1	1	2
								Cont.	<u>28</u>

Diagnosis.	MEDICAL				SURGICAL				TOTAL
	Cured	Relieved	Unrelieved	Died	Cured	Relieved	Unrelieved	Died	
<u>Non-Pulmonary Tuberculosis.</u> (continued)									28
Salpingitis.					-	1	-	-	1
Pubis					-	1	-	-	1
									30
<u>Venereal.</u>									
Syphilis.					1	3	5	4	13
<u>Violence.</u>									
Fractured limbs.					26	72	7	21	126
" spine.					1	4	-	-	5
" malleolus.					-	2	-	-	2
" skull.					-	2	1	3	6
" ribs.					1	2	-	2	5
" clavicle.					1	2	-	-	3
Minor injuries.					8	3	1	-	12
Contusions and abrasions.					11	21	1	2	35
Sprains.					2	1	-	-	3
Dislocation.					1	4	1	-	6
Amputation					-	1	-	-	1
Concussion.					9	21	-	-	30
Lacerations, wounds etc.					17	23	-	-	40
Removal of plaster.					5	7	1	-	13
C.S.W.					-	-	-	1	1
Fractured Pelvis.					1	1	-	-	2
Fractured sacrum					1	-	-	-	1
Fractured nasal bones.					-	1	-	-	1
									292
<u>Miscellaneous.</u>									
Poisoning.	9	6	-	1					16
Alcoholism.	1	3	1	2					7
B.B.A.	15	-	-	-					15
N.A.D.	36	-	-	-					36
With Mother.	25	-	-	-					25
Hard Lip.	-	-	1	-	5	-	-	-	6
Jaundice.	1	-	-	-					1
Prematurity.	2	-	-	-					2
Post-operative haem.	1	1	-	-	-	1	-	-	3
Hypoglycaemia coma.	2	-	-	-					2
Congenital biliary artrosis	-	-	-	1					1
P.U.O.	2	-	-	-					2
Haemoptysis.	-	-	1	-					1
Tetanus.	1	-	-	-					1
Cut throat.	-	-	-	-	-	-	-	1	1
									119

Total number of patients discharged from Mayday Hospital,
Year ended 31st December, 1941.

Cured	2502
Relieved	1174
Unrelieved	497
Died	630
	<u>4,803.</u>

OPERATIONS PERFORMED AT MAYDAY HOSPITAL
Spring 1941.

Abdominal.

Appendicectomy.	146	Intussusception.	1
Appendix abscess drained.	3	Perforated gastric ulcer.	7
Suture of Perforated duodenal ulcer.	3	Gastro jejunostomy	2
Sigmoidoscopy.	19	For anal fistula.	5
Herniotomy.	75	Ligature of haemorrhoids.	8
Cholecystectomy.	21	Injection of "	7
Laparotomy.	36	For duodenal ulcer.	1
Gastroenterostomy.	4	Tyrrell-Grey op.	1
Colostomy.	10	Excision of papiloma abdominal wall	1
For Pyloric stenosis	1	Gastrosocopy.	4
Caecostomy.	1		
			<u>356</u>

Bones and Joints.

For osteo-myelitis.	4	Bone graft.	2
Amputation of limbs.	14	Hallux Valgus.	2
Wiring of bones.	13	Osteotomy	1
Removal of pin.	1	Incision and drainage of pre-patella bursa.	1
Resection of rib.	7		
Application of plaster.	51		<u>111</u>
Manipulation of limbs.	13		
Reduction of joints.	2		

Ear, Nose and Throat.

Mastoidectomy.	14	Antrostomy	1
Tonsillectomy.	141	Oesophagoscopy	1
Adenoidectomy.	3	Bronchoscopy.	2
Myringotomy.	7		
			<u>169</u>

Genito Urinary.

Cystoscopy.	41	Urethrotomy.	1
Circumcision.	9	Incision of ischio rectal abscess.	2
Nephrectomy.	3	Pyelolithotomy.	1
Prostatectomy.	16	Pyelography.	3
Supra-pubic Cystostomy	27	Insertion of Filcher's Bag.	1
For urethral stricture.	1		
Urethral dilatation.	6		<u>111</u>

Gynaecological.

Examination under Anaesthetic	97	Uteral and cervical smears taken.	5
Total Hysterectomy.	6	Cervical polyp.	14
Sub-total hysterectomy.	30	Amputation of cervix.	5
Salpingo-oophorectomy.	10	Colpotomy.	8
Dilation and Curetage.	67	Twisted fibroid.	1
Removal of ovarian cyst.	9	Repair of Ectocoele.	3
Salpingectomy.	4	Biopsy of cervix.	2
Induction of abortion	1	Removal of gauze packing from uterus.	3
Ovariectomy.	2	Suture of laceration of vaginal wall.	1
Incision of Bartholin's abscess.	2	Le Fort's operation.	2
Insertion of pessary.	3	Urethrotomy.	1
Removal of pessary.	1	Wetkin's intra-position operation.	1
Colpo-perineorrhaphy.	7	Intra-uterine lipiodol.	3
Cauterization of cervix.	3	Repair of Recto vaginal fistula.	1
Baldy Webster operation.	8		
Fothergill's operation.	5		
Insertion of Laminaria tents	1		
Removal of Laminaria tents.	1		
			<u>307</u>

Obstetrical.

Caesarian Section	24	Induction of Labour.	42
Evacuation of uterus and glycerine pack.	139	Hysterotomy.	1
For Ectopic gestation	5		<hr/> 211

Miscellaneous.

Blood transfusion.	53	Aspiration of abdomen	1
Incisions, abscesses etc.	98	Aspiration of hydrocele.	2
Cleansing burns, etc.	10	Removal of nail.	3
Amputation of breast.	4	Removal of F.B.	2
Suture of wounds.	15	Paracentesis.	23
Thiersch skin graft.	2	Suture of tendon.	1
Excision of wounds.	6	For hare lip.	4
Lumbar puncture.	63	A.P. Rifills.	4
Aspiration of chest.	63	Extraction of teeth.	6
Aspiration of left tunica venticis.	1	Thyroidectomy.	3
Aspiration of abdominal wall.	1	Injection of varicose veins.	1
		Ligature of varicose veins.	1
		Thoracotomy.	1
			<hr/> 368

Number of Patients who have had teeth extracted 147.

PUBLIC ASSISTANCE.

(a) Domiciliary Relief.

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

1st January, 1941	...	1900 persons;	1065 cases
1st July, 1941	...	1730 "	1028 "
1st January, 1942	...	1832 "	1016 "

Expenditure on Outrelief during the 12 months ended 30th September, 1941 to Crowdon cases resident in the Borough.

Half-year ended 31st March, 1941 ... £32,103.13.0d

Half-year ended 30th September, 1941... £29,611.11.6d

(b) Institutional Relief.

Number of Crowdon poor persons relieved in the Mayday Hospital on 1st January, 1942 and in the Queen's Road Homes on the same date -
Mayday Hospital 14, Queen's Road Homes 497.

(c) Medical Relief.

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

<u>Particulars for year ended 31.3.42:-</u>	<u>All Districts.</u>
1. Average number of separate patients attended during each quarter	1241
2. Attendances at patients' homes	9517
3. Attendances on patients at the surgery	10734
4. Total number of prescriptions written	20208
5. Estimated cost of drugs, dressings & dispensing	£850:15:4d.
6. Estimated amount of per capita payment to doctors in respect of patients actually attended. (calculated quarterly)	3s:0.24d
7. Estimated average payment per service point	1.22d

CASES OF NOTIFIED INFECTIOUS DISEASES, 1941.

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						
	at ages - years								Upper Norwood	Norbury	West Thornton	Bensham Manor	Thornton Heath	South Norwood	Woodside	East	Addiscombe	Whitehorse Mar	Broad Green	Central	Waddon	South					Addington				
	At all ages	Under 1yr.	1 - 5	6 - 15	16 - 25	26 - 45	46 - 65	66 and up																							
Small Pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	63	-	20	17	18	8	-	-	3	4	5	1	3	3	2	1	3	5	13	1	13	-	4	61	4	30	33	-	-	-	-
Erysipelas	37	-	-	1	2	3	21	3	4	1	5	3	3	2	-	1	6	3	4	1	1	1	15	-	11	26	-	-	-	-	-
Scarlet Fever	181	-	47	74	37	20	3	-	7	3	16	3	3	16	12	21	15	13	22	4	9	3	155	-	86	95	-	-	-	-	-
Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Enteric Fever & Paratyphoid	10	-	-	3	6	1	-	-	5	1	-	-	-	-	-	2	1	-	-	-	1	-	7	1	4	6	-	-	-	-	-
Puerperal Pyrexia	51	-	-	-	23	28	-	-	-	-	32	1	2	2	1	1	-	2	3	1	-	4	9	3	-	51	-	-	-	-	-
Cerebro Spinal Meningitis	32	-	12	5	5	8	2	-	3	3	2	1	3	1	3	1	2	2	6	1	1	3	25	9	19	13	-	-	-	-	-
Ophthalmia Neonatorum	17	17	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	6	3	1	1	1	7	-	3	9	-	-	-	-	-
Poliomyelitis and Polioencephalitis	3	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	2	1	2	-	-	-	-	-
Encephalitis Lethargica	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	1	-	1	-	-	-	-	-
Dysentery	8	-	3	2	2	-	1	-	-	-	2	-	-	1	-	-	-	3	1	-	-	1	6	-	6	2	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ac. Primary & Ac.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Influenzal Pneumonia	55	2	9	3	10	9	14	8	-	2	6	5	8	1	2	4	9	1	7	4	2	3	1	35	26	29	-	-	-	-	-
Measles	1588	39	846	656	35	12	1	-	45	59	111	114	221	144	126	92	100	101	101	78	49	64	183	26	5	806	760	-	-	-	-
Whooping Cough	939	103	569	249	3	10	2	3	51	25	64	33	155	49	40	41	73	68	65	103	19	41	112	53	6	478	461	-	-	-	-

Notified Disease.	Incidence Rate per 1,000 population		Housing Conditions			Cases occurring in Institutions in the Borough	Total cases notified
	1941	1940	1 - 3 rooms	4 - 5 rooms	Over 5 rooms		
Small Pox.	-	-	-	-	-	-	-
Diphtheria.	0.34	0.34	5	47	8	3	63
Erysipelas.	0.20	0.23	4	22	8	3	37
Scarlet Fever.	0.98	0.79	12	125	22	22	181
Enteric Fever (Inc. Paratyphoid)	0.05	0.10	-	3	2	5	10
Puerperal Pyrexia.	0.28	0.22	-	2	2	47	51
Cerebro-spinal Meningitis	0.17	0.21	-	23	5	3	31
Ophthalmia Neonatorum.	0.09	0.07	2	5	-	10	17
Poliomyelitis and Polioencephalitis	0.02	0.01	-	3	-	-	3
Encephalitis Lethargica	0.01	-	1	-	-	-	1
Acute Primary or Acute Influenzal Pneumonia.	0.30	0.25	3	38	14	-	55
Dysentery.	0.03	0.04	-	-	-	6	6

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 more prevalent than in 1940; the largest incidence has been in East, Broad Green, Whitehorse Manor and Addington Wards.

The incidence rate of Diphtheria was 0.34, the same as in 1940.

No cases of Small Pox occurred during the year.

There were 51 cases of Puerperal Pyrexia; 23 occurred in the age group 16 - 25 years and 28 in the age group 26 - 45 years. A majority of the cases occurred in women having their first confinement.

Borough Hospital.

Table A gives a summary of all cases treated at the Hospital during 1941.

473 patients were admitted and discharged which, together with patients in at the commencement of 1941 (26) gives a total of 532 cases dealt with. Twenty-five died giving a case mortality for the Hospital of 4.8% as against 4.6% in 1940.

Penge Urban District Council have an arrangement with the Corporation to send their cases to the Hospital.

During 1941 a total of 26 cases were admitted, these are included in the table.

The Hospital is a recognised training school for nurses. During the year 2 probationers passed the preliminary examination of the General Nursing Council.

Owing to the greatly reduced number of cases admitted, one of the scarlet fever wards and a diphtheria ward were closed during the year.

The following operations were performed in 1941:-

- 1 case of acute appendicitis.
- 1 acute mastoid.
- 1 removal of eyeball.
- 1 tonsils and adenoids.

During the severe air raids which took place in the year a bomb fell in the hospital grounds on April 16th. completely demolishing the discharge block and severely damaging the diphtheria ward (B) which was occupied at the time. The laundry and mortuary were also damaged by blast. Fortunately there were no casualties through this raid.

TABLE A.

Complaint for which admitted	Patients remaining in hospital 1.1.41.			Patients Admitted & Discharged in 1941.			Patients Admitted in 1941 & remaining in hospital 1.1.42.			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	19	19	-	155	154	1	14	14	-	169	168	1	0.6	34.5
Diphtheria	4	4	-	109	106	3	6	6	-	115	112	3	2.6	31.6
Enteric Fever	-	-	-	1	1	-	-	-	-	1	1	-	-	70
Para-Typhoid Fever	1	1	-	7	7	-	-	-	-	7	7	-	-	32
Puerperal Pyrexia	-	-	-	10	9	1	-	-	-	10	9	1	10.0	22.6
Puerperal Fever	-	-	-	1	-	1	1	1	-	2	1	1	50.0	23
Erysipelas	-	-	-	15	15	-	1	-	1	16	16	-	-	16.4
Measles	3	3	-	27	24	3	-	-	-	27	24	3	11.1	14.3
Rubella	-	-	-	15	15	-	-	-	-	15	15	-	-	14
C. S. M.	1	1	-	31	21	10	1	1	-	32	22	10	31.2	17.5
Whooping Cough	-	-	-	58	54	4	4	4	-	62	58	4	6.4	30.4
Chicken Pox	-	-	-	7	7	-	-	-	-	7	7	-	-	23.1
Mumps	-	-	-	6	6	-	-	-	-	6	6	-	-	16.9
Tonsillitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio-myelitis	-	-	-	3	3	-	-	-	-	3	3	-	-	59.1
Dysentery	1	1	-	5	5	-	-	-	-	5	5	-	-	10.2
Periphagus	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vincent's Angina	-	-	-	1	1	-	1	1	-	2	2	-	-	13.1
Fleurisy	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Phlebitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	7	5	2	1	1	-	8	6	2	25.0	142
Ophthalmia	-	-	-	5	5	-	-	-	-	5	5	-	-	9.2
Dermatitis	-	-	-	2	2	-	-	-	-	2	2	-	-	6.1
No Disease	1	1	-	12	12	-	-	-	-	12	12	-	-	-
TOTALS	31	31	-	477	452	25	29	28	1	506	481	25		

Scarlet Fever.

The total number of Scarlet Fever cases admitted during the year was 169, an increase of 22 on 1940. The type of disease admitted during the year was of moderate severity. 4 cases sent in as Scarlet Fever were not suffering from the disease.

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

Table B

	Serum Cases	Non-Serum Cases	Total
Total cases	56	109	165
Adenitis	6	6	12
Otorrhoea	2	5	7
Rhinorrhoea	-	4	4
Relapse.	2	1	3
Rheumatism	2	-	2
Broncho-pneumonia	-	1	1
Acute Appendix	1	-	1

The average stay in hospital of serum cases was 34.8 days and of non-serum cases 34.5 days.

One death occurred amongst the Scarlet Fever cases, this was due to acute appendicitis with perforation having developed two days after the patient's admission to hospital, and general peritonitis supervening later.

The number of complications amongst the 109 non-serum cases was 17, whereas the complications amongst the serum cases was 13.

Prontosil album was again found useful in clearing up of persistent otorrhoea in some cases, as was M.B.693.

Ages & Sexes Admitted.

Table C.

Age	Male	Female	Totals	%
0 - 1	-	1	1	0.59
1 - 2	3	5	8	4.73
2 - 3	4	5	9	5.33
3 - 4	7	4	11	6.51
4 - 5	6	11	17	10.05
5 - 10	28	25	53	31.36
10 - 15	7	5	12	7.10
15 - 20	7	16	23	13.61
20 - 30	7	13	20	11.83
30 or over	4	11	15	8.88
Total 1941-73		96	169	
Total 1940-79		68	147	

Diphtheria.

115 cases were admitted with a diagnosis of Diphtheria, an increase of 12 cases on 1940. Of these 16 were found not to be cases of Diphtheria and 40 were cases of positive swabs without clinical symptoms leaving 59 cases of true clinical diphtheria.

There were 3 deaths, a mortality of 5%.

Analysis of the 59 cases:-

Faucial diphtheria	53
Nasal diphtheria	3
Laryngeal diphtheria	2
Faucial & nasal diphtheria	-
Faucial & Laryngeal diphtheria	1
Total	59

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

Rhinorrhoea	3
Secondary sore throat	1
Albuminuria	3
Heart failure	4
Adenitis	4

Tarstysis:-

Palatal	5
Eyes	2
Diaphragm	1

AGES AND SEXES ADMITTED.

Table D.

Age	Males	Females	Totals	Percentage
0-1	-	2	2	1.74
1-2	6	4	10	8.70
2-3	9	3	12	10.43
3-4	3	5	8	6.96
4-5	5	4	9	7.83
5-10	15	8	23	20.00
10-15	5	8	13	11.30
15-20	5	9	14	12.17
20-30	5	11	16	13.91
30 or over	3	5	8	6.96
Total 1941	56	59	115	
Total 1940	44	67	111	

Typhoid and Para-Typhoid Cases.

During the year 8 cases of typhoid and para-typhoid fever were admitted and in all the diagnosis was confirmed. No deaths occurred amongst them.

Of the 8 cases admitted one was a case of typhoid fever, whereas the other 7 were cases of para-typhoid B.

Puerperal Fever.

During the year there were 2 cases of Puerperal Fever and 10 of Puerperal Pyrexia. Two deaths occurred amongst the twelve cases.

The two cases of puerperal fever were complicated as follows:-

- 1 was complicated by general septicemia.
- 1 was complicated by thrombo-phlebitis.

One of the puerperal pyrexia cases was complicated by pneumonia and pleurisy.

Erysipelas.

There were 16 cases of Erysipelas admitted, a decrease of one case on 1940.

In one case the diagnosis was not confirmed, the case being one of a septic ulcer of the leg.

One death occurred amongst them due to being complicated by Morbus Cordis.

Measles.

There were 27 cases of measles admitted, and 3 deaths occurred amongst them due to being complicated by Broncho-pneumonia. In 3 of the twenty-seven cases the diagnosis was not confirmed, 2 being cases of Dermatitis and 1 a case of Urticaria. The disease was of average severity.

Whooping Cough.

There were 62 cases of Whooping Cough admitted and 4 deaths occurred amongst these being complicated by Broncho-pneumonia. There was an increase of 58 cases on 1940.

Cerebro-Spinal Meningitis.

There were 32 cases of Cerebro-Spinal Meningitis, but of these only in 22 cases was the Diagnosis confirmed. Of the other 10 the diagnosis was as follows:-

- 3 were cases of Tubercular Meningitis.
- 3 were cases of Influenza.
- 1 was a case of Coryza.
- 1 was a case of Encephalitis Lethargica.
- 1 was a case of Trismus.

There were 10 deaths amongst them, but 2 of the deaths occurred in the Tubercular Meningitis group.

The disease was of a fairly severe type, but in the cases admitted in the early stages the response treatment was very good.

The treatment consisted in lumbar puncture on admission with the administration of 20-30 c.c. meningococcus anti-toxin intra-theccally.

At the same time sulphapyridine was given in doses of 2 grms. repeated in four hours time, and then 1 grm. was given four-hourly. This was continued for 4 to 5 days.

In the case of children, half the adult dose was similarly given, whilst in those cases who were sick after giving the drug, the soluble form in doses of 2.5 c.c. was administered by intra muscular injection.

The response to this treatment was really remarkable in some cases, the temperature falling within 24 hours rapidly to normal and the patient from being delirious and violent, becoming more rational and quieter.

No ill effects were observed from the administration of this drug, beyond some marked cyanosis at times and repeated vomiting in those cases who could not tolerate the M.B.658 given by mouth.

The death rate amongst the 22 cases was 21.8%.

Ophthalmia Neonatorum.

Five cases were admitted but only in one case was the diagnosis confirmed the other four being cases of simple ophthalmia.

Infantile Paralysis.

Three cases of this disease were admitted, two of which were fairly severe. In these only partial recovery took place whilst in hospital. No deaths occurred.

Dysentery.

Five cases were admitted, being all of the Sonne type and mild in character.

Mumps.

Six cases of the disease were admitted, but in one the diagnosis was not confirmed, it being a case of Scarlet Fever with Nephritis.

Tuberculosis.

During the year 8 cases of this disease were admitted temporarily, some being later transferred to Cheam Sanatorium. Two deaths occurred amongst them.

Table-F. This Table gives a summary of the cases of the various diseases admitted during the year.

Disease	Males	Females	Total	Deaths.
Scarlet Fever	2	7	9	-
Dysentery	7	8	15	1
Dysentery (Sonne)	1	-	1	-
Para-typhoid B.	-	1	1	-

Borough Hospital.

Laboratory Annual Report, 1941.

Diphtheria.

Swabs positive on Admission	Swabs Positive during Convalescence	Total Negative	Totals.
67	117	1759	1943

Faeces examined for Enteric and Dysentery Groups.

Sonne Dysentery Positive	Para.Typhosus B Positive	Total Negative.	Totals.
8	3	47	58

Sputums examined for presence of Tubercle Bacillus.

Positive	Negative.	Total.
12	5	17

Cerebro-Spinal Fluids for examination.

Pfeiffer Bacillus Positive.	Mening- ococcus	Total Negative.	Total Examined.
1	14	8	23

Miscellaneous Examinations.

Urines. Examination for organisms, sugar estimation and routine 17.

Swabs - For presence of Vincents Angina - 2 Positive - 2 Negative - Total 4

Swabs - Examined for Gonococci - 1 Veg Swab + 1 Negative - 3 Eye Swabs Negative - Total 5

Swabs - From skin examined for organisms - 3 Staph. Aureas - Total 3

Pus - for organisms - 1 B. Coli present - Total 1.

Culture Media.

Leofflers Blood Serum - 180½ doz.

Agar Agar - 3,500 c.c.

Peptone Water - 2,500 c.c.

MacConkey's Media - 1,160 c.c.

Litmus Milk - 500 c.c.

TABLE E.

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	-
Para-typhoid B.	-	-	-	-	-	-	-	1	1	4	-	-	-	1	-	-	7	-
Puerperal Fever	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	1
Puerperal Pyrexia	-	-	-	-	-	-	-	-	-	7	-	1	-	2	-	-	10	1
Erysipelas	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-	9	16	-
Measles	4	2	1	1	4	7	2	1	4	1	-	-	-	-	-	-	27	3
Rubella	-	-	-	-	1	1	2	-	2	-	8	1	-	-	-	-	15	-
C. S. M.	1	-	-	3	3	8	2	1	3	1	2	-	2	2	2	2	32	10
Whooping Cough	28	6	9	8	2	7	2	-	-	-	-	-	-	-	-	-	62	4
Chicken Pox	1	-	-	-	1	-	1	2	-	2	-	-	-	-	-	-	7	-
Ophthalmia	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Mumps	-	-	-	-	-	-	-	-	2	2	2	-	-	-	-	-	6	-
Vincent's Angina	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	-	2	-
Anterior Poliomyelitis	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	3	-
Dermatitis	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	1	1	2	2	1	1	8	2
Dysentery Sonne	-	-	1	-	2	-	1	1	-	-	-	-	-	-	-	-	5	-
No disease	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-
TOTALS	49	11	12	12	13	24	11	7	14	15	13	7	9	7	3	12	222	21

AT THE LABORATORY, CROYDON GENERAL HOSPITAL

	For private practitnrs.		Mayday Hospl.		For Borough Hospital		For Chest Clinic		For School Medical		Other Instns of Corpn.		Other Institns.		Total	
	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.	Pos.	Neg.
Swabs for diphtheria	44	707	...	...	...	...	...	6	28	939	4	58	...	119	76	1629
Virulence tests for diph.	...	...	1	1	...	1	...	...	...	...	...	...	...	...	1	2
Sputum for Tb. Bac.	49	454	...	...	...	...	436	638	...	...	...	1	11	52	496	1145
Pus for Tb. Bac.	...	2	2	1	...	...	...	...	...	...	...	9	...	...	2	12
Pus for Gonococci	2	4	...	...	...	...	...	...	...	...	3	51	...	...	5	55
Pus for other organisms	...	4	...	...	...	...	...	...	...	...	...	12	...	...	...	17
Blood for typhoid groups	3	14	...	...	...	1	...	...	...	...	...	...	...	4	3	19
Blood for Wasserman	...	2	24	164	...	1	...	...	...	...	2	5	...	...	26	172
Material for Spirochaetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Faeces for Typhoid Group	1	21	...	...	...	1	...	...	...	...	...	2	...	...	1	24
Hair for Ringworm	...	...	...	...	...	...	...	...	...	2	...	...	...	...	...	2
Examination of Urine	1		2		...		...		...		8		...		11	
Examn. of Pleural Fluid	...		...		...		...		...		...		...		...
Examn. of C. S. Fluid	...		17		...		...		...		...		...		17	
Other Examinations	34		280		5		...		9		91		1		420	

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

BACTERIOLOGICAL EXAMINATIONS.

Examinations done under the National Health Insurance Act.

<u>Nature of Examination:</u>		<u>Nature of Examination:</u>	
Pus for Gonococci	8 (1 pos.)	Urine for Chemical Examination	2
Pus for other organisms	9	Urine for Microscopical Examn.	2
Pus for Tub. Bac.	3	Urine for Tub. Bac.	2
Blood for Wasserman	10 (2 pos.)	Urine for Cultural Exam.	2
Complete Blood Counts	10	Other examinations	7

Bacteriological Examination of Milk.

Number of Samples submitted for Counts 347

Number under 10,000 per cc	... ... ... 69
Number over 10,000 but under 50,000 per cc	126
Over 50,000 but under 100,000 per cc	49
Over 100,000 but under 500,000 per cc	57
Over 500,000 but under 1,000,000 per cc	5
Over 1,000,000 per cc	41

Tubercle Bacilli -

Number of samples of milk submitted	... ... 346
Number found positive by inoculation test	... ... 1
The number of milk examinations decreased by	... 42
Number of samples still under investigation for Tb.B.	38

Milk Samples.

347 milk samples submitted to the Methylene Blue Test, of which 68 failed to satisfy. Of these 22 were further investigated and three of them were found satisfactory to the Bacillus Coli test.

IMMUNISATION AGAINST DIPHTHERIA

During 1941 the routine of the Diphtheria Immunisation Clinics remained unchanged, that is to say, Alum precipitated toxoid was the prophylactic used, and Schick testing both before and after treatment was, except for a few cases, dispensed with. This meant only two visits compared with four or five of former years.

New cases came from the following sources -

School cases	... ... ... 4477
Infant Welfare cases	... ... 1239
Others under 5 years	... ... 923

The ensuing tables give some further details -

Total number of Sessions held	... 206
Highest attendance at any one session	172
Lowest attendance at any one session	8
Average attendance per session	... 61

Summary of Work of Clinic since its start.

Year	Total attend- ed for treat- ment	New cases attend- ed.	No. of Sessions held	Average attend. per Session	Number given prim- ary 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	...	...	185
1935	1431	1151	97	58	634	76	781	766	98.8	781
1936	2285	1661	145	61	1215	78	1264	1254	99.2	1264
1937	1894	1286	122	58	1017	86	1222	1215	99.5	1222
1938	2049	1541	115	56	1208	69	1152	1140	98.9	1152
1939	1488	1026	61	63	593	76	678	671	98.9	1201
1940	508	428	33	28	...	...	...	...	...	419
1941	6639	6639	206	61	...	...	...	...	...	5833

Summary of Attendances and Treatment 1941

Under Treatment 1.1.41	Received A.P.T.	Defaulted	Total new cases 1941
Nil	Nil	Nil	6639

1941 cases completed treatment	Received A.P.T.	Under treatment 31.12.41	Defaulted
5833	6639	490	316

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	12.0	203	15.8
1938	1179	76.5	130	8.4	232	15.1
1939	704	69.0	225	22.0	91	9.0
1940	216	50.0	98	23.0	114	27.0
1941	4477	67.4	1239	18.7	923	13.9

Immunisation in Residential Schools and Homes.

Owing to the evacuation of Residential Schools and Homes, no immunisation was conducted in the Institutions in 1941.

VACCINATION ACTS.

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

Registration Sub-districts in V.O. District	Births Registered	Vaccinated	Insuscept- ible	Statutory Decln.	Died un- vaccinated	P.F.O.	Transfd. to other V.Os.	Untraced Removals	In Default	Overage when Registered
South Sub District	836	349	3	266	24	9	63	60	62	...
West Sub District	1242	462	6	512	37	22	15	91	96	1
North Sub District	433	166	2	167	12	8	11	34	32	1
	2511	977	11	945	73	39	89	185	190	2

During the year 1,429 Forms Q were sent to parents, and 100 Forms K. Form Q is the Form drawing attention to the requirements of the Vaccination Acts and Form K refers to cases in default.

788 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, 1941:-

Name of Public Assistance Institution of Vaccination District	Numbers of successful primary Vaccinations of Persons.			Number of successful revaccinations i.e. successful vaccinations of persons who had been successfully vaccinated at some previous time.
	Under one yr of age	One year & upwards	Total	
Croydon No. 1 Area	146	7	153	1
No. 2 Area	108	5	113	2
No. 3 Area	68	3	71	1
No. 4 Area	59	2	61	1
No. 5 Area	168	3	171	1
Addington	45	3	48	-
Queen's Road Homes	1	-	1	-
Mayday Hospital	1	1	2	1
Children's Homes	-	-	-	-
Shirley Residential Schools	-	-	-	-
	596	24	620	7

VENEREAL DISEASES.

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

Attendances at the Croydon Clinic during past ten years.

	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
New male patients	235	242	297	287	300	395	416	316	187	448 (a)
New female patients	241	214	232	213	188	184	257	191	202	258 (a)
Attendances (Males)	4691	4578	5858	5548	7525	8610	7318	4258	2996	3033 (a)
do (Females)	2724	2677	3962	5977	5226	5405	5365	3150	1772	1508 (a)

(a) Includes 124 new cases and 1029 total attendances by patients from outside areas.

Attendances of Croydon patients at various London Hospitals under General Scheme

There were 58 new patients, who made a total of 1161 attendances.

Pathological Examinations at London Hospitals for Croydon Patients.

418 Examinations were made for various Clinics and 948 Examinations of material submitted by medical practitioners.

Bacteriological Examinations carried out at London Hospls for Croydon Patients.

Hospital	Detection of Spirochætes		Detection of Gonococci		Wasserman Re-action		Other Exams		Total
	For Clinic	For Prac.	For Clinic	For Prac.	For Clin.	For Prac.	For Clin.	For Prac.	
St. Thomas	1	...	65	...	41	...	71	...	168
South Lon. Hos. for Women	...	...	15	5	8	3	3	4	38
Royal Free	...	...	20	...	1	...	2	...	23
King's College	...	...	46	...	18	...	10	...	74
Whitechapel Clinic, L.C.C.	...	...	1	...	2	...	...	...	3
Westminster Hospital	...	...	5	...	...	...	...	...	5
Guy's Hospital	14	...	20	460	12	150	16	326	998
Mothers	...	...	48	...	8	...	1	...	57
Total	15	...	210	465	90	153	103	330	1366

Croydon Cases attending London Hospitals.

Hospital	Cases seen for the first time		Conditions other than venereal	Total number of attendances	Aggregate number of Inpatient Days
	Syph.	Gon.			
St. Thomas's	3	5	17	361	...
Guy's	...	...	8	148	...
King's College	1	3	8	416	16
Royal Free	1	...	2	31	...
S. London Hosp for Women	...	3	1	88	...
Whitechapel Clinic, L.C.C.	...	...	1	2	...
Westminster	1	1	1	86	...
Mothers	...	...	2	27	50
Total	6	12	40	1161	66

Return relating to all persons who were treated at the Treatment Centre at Croydon
during the year ended 31st December 1941.

	Syphilis		Soft Chancre		Gonorrhoea		Non-venereal or undiagnosed conditions		Totals		
	M	F	M	F	M	F	M	F	M	F	Total
1. Number of cases on 1st January under treatment or observation	54	58	...	...	16	9	5	8	75	75	150
2. Number of cases removed from the Register during any previous year which returned during the year under report for treatment or observation of the same infection	...	..2	...	...	4	...	...	...	4	2	6
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	3	3	...	...	...	...	...	...	3	3	6
" secondary	4	4	...	...	...	...	...	...	4	4	8
" latent in 1st yr of infection	...	2	...	...	...	...	...	...	...	2	2
" all later stages	6	7	...	...	...	...	...	...	6	7	13
" congenital	2	4	...	...	...	...	...	...	2	4	6
Soft Chancre	...	...	...	...	...	...	...	...	...	...	...
Gonorrhoea, 1st yr of infection	...	...	...	...	72	32	...	...	72	32	104
" later	...	...	...	...	7	5	...	...	7	5	12
Non-venereal conditions	...	...	...	...	...	...	88	201	88	201	289
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	(56)				(210)				(266)		
	17	14	...	...	...	2	...	...	17	16	299
	142	94	...	...	309	48	93	209	544	351	895

Figures in brackets refer to Service cases.

	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	10	12	-	-	(87) 155	26	80	196	245	234	479
6. Number of cases which ceased to attend before completion of treatment and were, on first attendance, suffering from:-											
Syphilis, primary	-	-	-	-	-	-	-	-	-	-	-
" , secondary	-	-	-	-	-	-	-	-	-	-	-
" , latent in first year of infection	-	-	-	-	-	-	-	-	-	-	-
" , all later stages	2	2	-	-	-	-	-	-	2	2	4
" , Congenital	-	-	-	-	-	-	-	-	-	-	-
Soft Chancre	-	-	-	-	-	-	-	-	-	-	-
Gonorrhoea 1st Yr. of infection	-	-	-	-	-	-	-	-	-	-	-
" Later	-	-	-	-	-	-	-	-	-	-	-
7. Number of cases which ceased to attend after completion of treatment but before final test of cure	10	6	-	-	12	2	-	-	22	8	30
8. Number of cases transferred to other Centres or to institutions, or to care of private practitioners.	4	2	-	-	-	12	-	-	4	14	18
9. Number of cases remaining under treatment (58) or observation on 31st December.	116	72	-	-	(130) 142	8	(13)	13	271	93	364
TOTALS OF ITEMS 5, 6, 7, 8 and 9	142	94	-	-	309	48	93	209	544	351	895

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 the individual attention of the medical officer(s)			(712)		(564)				(1276)		(1276)
(b) for the intermediate treatment e.g. irrigation dressing.			1304	907	960	192	123	364	2447	1463	3910
			-	-	576	10	20	35	596	45	641
TOTAL ATTENDANCES			1304	907	-	-	1536	202	203	399	3043 1503 4551
11. In Patients:-											
(a) Total number of persons admitted for treatment during the year			2	4	-	-	1	-	-	-	6
(b) Aggregate number of 'in patient' days of treatment given			80	4	-	-	20	-	-	-	84
			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	M F	M F		
12. Number of cases of congenital syphilis in item 3 above classified according to age periods.			1	1	-	-	-	-	1	3	2 4
Microscopical											
			for Syphilis		for Gonorrhoea		Others for diagnosis of Venereal Disease				
13. Pathological Work:-											
Number of specimens examined at, and by the Medical Officer of, the Treatment Centre.			-		-				-		
The figures in brackets refer to Service Cases.											

Statement showing the services rendered at the Treatment Centre.
during the year, classified according to the areas in which the
Patients resided.

Name of County or County Borough (or Country in the case of persons residing elsewhere than in England and Wales) to be inserted in these headings.	<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	20	5	2	2	29
Soft Chancre	-	-	-	-	-
Gonorrhoea	69	36	5	6	116
Non-venereal and undiagnosed conditions	227	58	4	6	295
Total	316	99	11	14	440
B. Total number of attendances of all patients residing in each area.	2,246	(1,276) 2,072	116	117	(1,276) 4,551

Figures in brackets refer to Service cases.

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 adopted to war-time conditions. I am indebted to the Hon. Secretary, Mrs. F. Allen for the following report.

During the year the work of the Branch has been handicapped by war-time conditions and also changes in the British Social Hygiene Council itself.

Mrs. A. Moat, who had previously filled the posts of Chairman and Hon. Secretary, was re-elected as Chairman, and Mrs. P. Allen, B.Sc., who had been invited on to the committee was elected as Hon. Secretary. Mrs. Hunt continued as Hon. Treasurer. Dr. A.C. West, as representative on the War Emergency Committee, reported on its meetings from time to time.

One of the main aims of the year's work was to co-operate with the Youth Groups of the town, and a sub-committee of the Croydon Youth Committee and this Branch was set up to plan this work. By this means, some lectures were arranged and literature was sent to several clubs for distribution. Literature was also circulated to members of the Forces through the Y.M.C.A. Several youths clubs wrote to ask for lectures and films, and often had to be refused because the numbers in the clubs did not warrant the expenses involved.

A further attempt was made to introduce lectures to local factories and Government Training Centres, but was unsuccessful.

Posters were distributed amongst the chief A.R.P. shelters in the town.

Lectures and courses planned for the early part of 1942 had to be cancelled owing to the changes which were taking place at head quarters and the consequent uncertainty of the position of the branches. The bulk of the British Social Hygiene Council's work was being taken over by the Central Council for Health Education, working under the Ministry of Health. This raised many financial problems as grants were to be made direct to this body and the British Social Hygiene Council would exist on voluntary funds. Plans were postponed until the question of branches was made quite clear.

An invitation received later from Dr. Holden suggested that this Committee should take up work under the Central Council and, acting with him, continue a programme of work similar to that followed previously but possibly extended on the lines of general health education. The Committee welcomed and accepted this invitation, with the intention of re-organisation if necessary to fill the needs of the new system. At the time of writing, however, the exact position of the branches of the British Social Hygiene Council and Central Council for Health Education is still awaiting discussion at Headquarters. It is hoped that this matter will soon be cleared and further work undertaken.

During July four lectures were given by Dr. Mart to girls of the Selhurst Grammar School, both at Guildford (where some are evacuated) and in Croydon. 50 girls were present at the Guildford lectures and 40 at the Croydon Croydon lectures.

November and December 1941. A Youth Course was arranged through the Y.M.C.A. in Croydon. It consisted of:-

	Lecturer.	Attendance.
Mixed meeting	Mr. Hoggard	70
Meeting for boys	Mr. Hoggard	50
Meeting for girls	Mrs. Hume	50
Meeting for girls	Mrs. Hume	50
Mixed meeting	Mrs. Davidson	60

At these meetings films were shown to illustrate the lectures, and each was followed by a keen discussion. - 11 -

CANCER.

Deaths from Cancer numbered 377 as compared with 443 in 1940; 414 in 1939; 380 in 1938; 421 in 1937; 421 in 1936; 321 in 1935; 371 in 1934; 374 in 1933; and 341 in 1932

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

1932	1.44 (341)	1937	1.74 (421)
1933	1.56 (374)	1938	1.56 (380)
1934	1.54 (371)	1939	1.78 (414)
1935	1.33 (321)	1940	2.22 (443)
1936	1.75 (421)	1941	2.04 (377)

Deaths from Cancer Occurred at the following ages:-

Age period	Male	Female	Total	Calculated population at this age period	Incidence per 1,000 persons living.
Under 25 years	1	1	2	77,192	0.022
25 & under 35 Yrs.	1	-	1	27,481	0.036
35 & under 45 Yrs.	13	6	19	29,922	0.635
45 & under 65 Yrs.	72	78	150	36,341	4.093
65 years & over	108	97	205	13,264	15.455
	195	182	377	184,500	2.043

Sites of Fatal Cancer.

Site	Male	Female	Total	Percentage of Total.
Brain	1	1	2	0.530
Skin	6	2	8	2.122
Tongue and Mouth	8	1	9	2.387
Tonsil	1	2	3	0.796
Oesophagus	7	2	9	2.387
Stomach	42	27	69	18.302
Liver	6	4	10	2.653
Bowel	29	23	52	13.793
Rectum	19	13	32	8.499
Bladder	8	5	13	3.448
Prostate	16	-	16	4.244
Larynx	1	3	4	1.061
Uterus	-	21	21	5.570
Breast	-	40	40	10.610
Ovary	-	7	7	1.857
Pancreas	5	10	15	3.979
Gall Bladder and Duct	-	3	3	0.796
Bones	9	5	14	3.711
Lungs	25	5	30	7.957
Kidneys	1	3	4	1.061
Antrum	1	-	1	0.265
Lymphatic Glands	1	-	1	0.265
Thyroid Gland	2	2	4	1.061
Pituitary Glands	1	-	1	0.265
Genital Organs	5	2	7	1.857
Not defined	1	1	2	0.530
	195	182	377	

Comments on Foregoing Table.

The organs most often attacked in descending order of incidence are, in the males the Bowels and Rectum (24.6%); the Stomach (21.6%); the Lungs (12.8%); and the Prostate (8.2%); in females the Breast (22%); the Bowels and Rectum (19.8%); the Stomach (14.8%) and the Uterus (11.5%).

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 sixty one cases of pulmonary tuberculosis and fifty one cases of Non-pulmonary tuberculosis were notified on Form A (primary notifications); of these 93 males and 68 females were pulmonary cases, 28 males and 23 females non-pulmonary. In addition, 59 pulmonary cases and 15 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 1941 by notification or otherwise was 286, as compared with 263 in 1940; 279 in 1939; 332 in 1938; and 338 in 1937.

220 of these were cases of Pulmonary tuberculosis, 124 in males and 96 in females. There were 12 more cases of Pulmonary tuberculosis in males, and 1 less in females, than in 1940.

There were 29 cases of non-pulmonary tuberculosis among children under 15 years as compared with 21 in 1940. The number of cases in adults was 37, compared with 33 in 1940.

Of the cases notified in 1941, 19 males and 11 females died from the Pulmonary form of the disease during the year, equal to 18.6% of those notified, and 4 males and 5 females from the non-pulmonary form.

The incidence rate of Tuberculosis of all forms was 1.55 per 1,000 of the population, for pulmonary tuberculosis 1.19 and for non-pulmonary 0.36 per 1,000 population. This rate is low as compared with other large centres of population. The Notification rate was 1.15 per 1,000. In 1940 the corresponding figures were 1.31, 1.04, 0.27 and 0.94 per 1,000.

Public Health (Tuberculosis) Regulations, 1930.

Summary of notifications during the period from 1st January, 1941 to 31st December, 1941:-

FORMAL NOTIFICATIONS

Number of Primary Notifications of New Cases of Tuberculosis.													
Age Periods.	0 - 1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 35	35 - 45	45 - 55	55 - 65	65 up	Total all ages	Total Notificat- ions on Form A.
Pulmonary males	-	-	2	1	12	6	22	18	17	8	8	93	101
" females	-	-	2	2	11	16	17	7	5	3	5	68	75
Non-pulmonary males	-	1	7	6	7	1	2	3	-	-	1	28	29
" females	-	4	2	2	4	1	6	1	-	2	1	23	23

SUPPLEMENTAL RETURN.

New cases of Tuberculosis coming to the knowledge of the Medical Officer of Health during the period from 1st January, 1941 to 31st December 1941, otherwise than by formal notification.

Age periods	0 - 1	1 - 5	5 - 10	10 - 15	15 - 20	20 - 25	25 - 35	35 - 45	45 - 55	55 - 65	65 and upwards	Total cases
Pulmonary males.	-	-	-	2	5	6	3	7	4	3	1	31
" females	-	-	-	-	6	4	5	6	2	4	1	28
Non-pulmonary males	2	-	-	2	2	-	1	-	-	-	-	7
" females	-	1	1	1	1	-	-	2	-	2	-	8

Notification Register.

Number of cases of Tuberculosis remaining on the Notification Register on 31st December, 1941.

PULMONARY			NON-PULMONARY			Total cases
Males	Females	Total	Males	Females	Total	
537	467	1,004	115	114	229	1,233

CLASSIFICATION OF NEW PATIENTS.

Pulmonary Tuberculosis.

During 1941, 140 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)	50 or 35.7%
T.B. plus 1 (early cases, sputum positive)	6 or 4.3%
T.B. plus 2 (intermediate cases, sputum positive)	64 or 45.7%
T.B. plus 3 (advanced cases, sputum positive)	20 or 14.3%

140 or 100.0%

This is 6 more than in 1940.

AGES AT DEATH FROM PULMONARY TUBERCULOSIS.

Year	0 - 5	5 - 15	15 - 25	25 - 45	45 - 65	Over 65.	Total.
1937	-	2	35	55	40	8	140
1938	-	3	22	46	40	8	119
1939	-	-	19	44	30	3	96
1940	-	1	18	61	38	10	128
1941	-	2	11	33	32	12	90

In 1941 the death rate from all forms of Tuberculosis was 0.59 per 1,000 population.

The rate for Pulmonary Tuberculosis was 0.49 and the rate for Non-Pulmonary Tuberculosis 0.10. Similar figures for 1940 were 0.74, 0.64, and 0.10.

PULMONARY TUBERCULOSIS.

In 1941 there were fewer deaths from pulmonary tuberculosis than in 1940 but the reduction was only in men, the female deaths showing no appreciable change. The greatest reduction occurred in the 25 - 35 years age group. The highest peak in men was in the 45 - 55 years age group and in women, the 25 - 35 years age group.

On the other hand, there was a greater number of new cases in 1941 than in 1940, again this increase was confined to men. In women, however, the incidence fell more on the younger women, 15 - 25 years, than in the previous year. In men the increase has been in the 45 - 55 years group.

NON-PULMONARY TUBERCULOSIS.

The diagnosis of the new cases entered in the Notification Register during 1941 were as follows:-

	Male	Female
Wrist	-	1
Elbow	-	1
Hip	1	1
Humerus	-	1
Knee	2	1
Spine	1	1
Pubic Bone	1	-
Shoulder	2	1
Foot	1	-
Eye	-	1
Meninges	6	5
Meninges and peritoneum	-	1
Abdomen	5	2
Kidney	1	2
Kidney and spine	-	1
Kidney and epididymis	1	-
Pericardium	2	-
Skin	1	1
Glands	10	11
Miliary	1	-
	<u>35</u>	<u>31</u>

DEATHS FROM NON-PULMONARY TUBERCULOSIS.

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

The deaths were due to:-

	Males	Females	Total.
Tuberculous Meningitis	5	2	7
" " and Peritonitis	-	1	1
" " and Tuberculous Pericarditis	-	1	1
Miliary Tuberculosis	1	2	3
Renal Tuberculosis	2	1	3
" " and Spinal caries	-	1	1
Abdominal Tuberculosis	-	1	1
Tuberculous Pericarditis	1	-	1
Tuberculous Elbow	-	1	1
	<u>9</u>	<u>10</u>	<u>19</u>

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

During the year 199 cases of suspected Tuberculosis were referred by private medical practitioners, 37 were diagnosed as suffering from Tuberculosis and were subsequently notified. In addition, 48 children were referred by the School Medical Service, and 35 cases from the Maternity and Child Welfare section of the Public Health Department. 75.9% 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; and 87% in 1937.

The number of reports sent in by Insurance medical practitioners on their domiciliary cases (Form G.P.36) was 212.

EXAMINATION OF SPUTUM.

The results of examinations made in 1941 are as follows:-

	For Clinic	For General Practitioners	Totals.
Positive (i.e. tubercle bacilli present)	430	60	490
Negative (i.e. tubercle bacilli absent)	636	489	1,125
	---	---	---
Totals ...	1,066	549	1,615

For each 100 new cases and contacts examined at the Clinic, 137 specimens of sputum were examined.

X-Ray Work.

793 X-ray examinations were made during the year, an increase of 99 over 1940. This is equivalent to 101.7 for every 100 new cases and contacts seen, and compares with a rate of 86.8 in 1940; 91.1 in 1939; 74.7 in 1938; and 68.4 in 1937. 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.

Provisions of special nourishment in the form of milk was granted to 77 selected cases for varying periods during the year, and 36 cases were in receipt of extra nourishment at the end of the year.

RESIDENTIAL TREATMENT FOR PULMONARY TUBERCULOSIS - 1941.

Summary of Patients who received Institutional Treatment during 1941.

Institution.	In institutions on 1.1.41.			Admitted during 1941.			Discharged during 1941.			Deaths during 1941.			Remaining in on 31.12.41.		
	Adults M	Adults F	Ch.	Adults M	Adults F	Ch.	Adults M	Adults F	Ch.	Adults M	Adults F	Ch.	Adults M	Adults F	Ch.
<u>Respiratory.</u>															
Croydon Borough Sanatorium.	45	33	-	80	55	-	72	56	-	9	10	-	44	22	-
Brompton Hospital and Sanatorium.	-	1	-	4	7	-	4	5	-	-	1	-	-	2	-
Children's Sanatorium, Harpenden.	-	-	1	-	-	1	-	-	1	-	-	-	-	-	1
Burrow Hill	-	-	2	-	-	1	-	-	3	-	-	-	-	-	-
Papworth	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Berks. & Bucks. Joint Sanatorium.	-	-	-	-	1	1	-	-	-	-	-	-	-	1	1
St. Michael's Home, Exbridge.	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Horton Hospital	-	-	-	7	7	-	2	3	-	-	-	-	5	4	-
Southlands Hospital	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-
Croydon Borough Isolation Hospital.	-	1	-	-	7	-	-	6	-	-	2	-	-	-	-
Mayday Hospital	9	1	-	41	31	4	31	23	3	11	8	-	8	1	1
	56	36	3	134	108	7	113	93	7	20	21	-	57	30	3

Summary of Patients who have received Institutional Treatment during 1941.

Institution.	In Institution on 1.1.41.			Admitted during 1941			Discharged during 1941			Deaths during 1941.			Remaining in on 31.12.41.		
	Adults			Adults			Adults			Adults			Adults		
	M	F	Ch.	M	F	Ch.	M	F	Ch.	M	F	Ch.	M	F	Ch.
Non-Respiratory Tuberculosis.															
Royal Sea-bathing Hospital	1	1	-	5	-	-	2	-	-	1	-	-	3	1	
Heritage Craft School.	-	-	2	-	-	2	-	-	3	-	-	-	-	-	1
St. Nicholas' & St. Martin's Hospital, Purford.	-	2	5	1	-	2	-	1	2	-	1	-	1	-	5
Royal National Orthopaedic Hospital.	-	1	-	1	-	-	-	1	-	-	-	-	1	-	-
Atkinson-Morley Convalescent Hospital (St. George's Hospital)	1	-	-	1	-	-	2	-	-	-	-	-	-	-	-
Holland Lodge Convalescent Home	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
Lord Mayor T. sloer Cripple's Hospital	-	-	2	-	-	1	-	-	2	-	-	-	-	-	1
King George's Sanatorium	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
St. Peter's Memorial Home	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-
South Coast Conv. Home for Boys	-	-	-	-	-	2	-	-	2	-	-	-	-	-	-
Botley's Park Hospital	-	-	-	1	1	-	-	-	-	-	-	-	1	1	-
Croydon General Hospital	-	-	-	4	2	2	3	2	2	-	-	-	1	-	-
Croydon Borough Isolation Hospital	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Mayday Hospital	4	2	1	3	2	4	6	1	5	1	-	-	-	3	-
	6	6	11	17	7	13	13	6	17	2	1	-	6	6	7

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 31.9% were classified as early cases, the percentage of early cases receiving treatment in institutions was in women 36.0%; in men 27.0%. 49.0% of the total cases were intermediate cases, the males showing an excess in this group, 58.7% males to 40.0% females, and 19% were definitely advanced. Of the total Pulmonary cases treated in Institutions 76.0% were potentially infectious.

133 males, 114 females and 7 children suffering from Pulmonary tuberculosis were discharged from, or died in Institutions in connection with the Croydon tuberculosis scheme during 1941.

The Tuberculosis Clinic and Home Visiting.

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

553 new cases were examined during the year, this is equal to 507 for each 100 deaths from the disease. 149 or 137 for each 100 deaths were found to be definitely tuberculous.

The total number of attendances at the Clinic was 4,515. The Tuberculosis Officer paid 91 home visits, and the District Health Visitors 2,424 visits, for Clinic purposes. In addition, the Health Visitors made 270 primary visits for the purpose of the Notification Register.

The Tuberculosis Officer paid 43 visits to Mayday Hospital, in a consultative capacity, and there examined 169 patients.

Patients requiring home nursing or surgical dressings are attended to by the nurses from the Croydon Nursing Service, by arrangement with that organisation, and 694 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 (subsequent supervision). This is an important preventative measure. During the year 227 contacts were examined, equal to 208 for each 100 deaths, compared with 278 in 1940; 325 in 1939; or 301 in 1938 per 100. Of these 5 were considered to be tuberculous. This is equal to a tuberculosis rate per 1,000 contacts of 22.0, compared with 1.55 per 1,000 of the general population.

459 appointments for examination were offered to new contacts during 1941 but only 227 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 785. This is equivalent to 4.2 persons per 1,000 of the population.

During the year 94 Clinic cases died, of this number 19 or 20.2% were seen for the first time in 1941.

Summary of Clinic Statistics for 1941.

Number of persons on Clinic Register, January 1st 1941.	785
" notified cases examined for the first time.	79
" cases sent for an opinion	410
" first attendances, including 91 transfers in	871
" consultations of T.O. with medical practitioners:-	
(a) Personal	24
(b) Other	487
" visits paid by T.O. to homes of patients.	91
" visits paid by T.O. to Cheam Sanatorium.	1
" visits paid by T.O. to Mayday Hospital.	43
" patients examined by T.O. at Mayday Hospital.	169
" visits paid to homes of patients by Health Visitors.	2,694
" visits paid to homes of patients by District Nurses for nursing attention.	694

Attendances of patients at the Clinic:-

Men	1,856
Women	2,071
Children	588
Total	4,515

Number of Insured patients under Domiciliary Treatment at the end of year:-

Pulmonary	162
Non-Pulmonary	8
Total	170

Number of reports received from Panel Practitioners (G.P.36)	212
" reports forms sent to Panel Practitioners (G.P.36)	493
" reports received from Panel Practitioners on Forms G.P.17	1
" reports received from Panel Practitioners on Forms G.P.35	-
" X-rays taken	793
" reports made to Ministry of Pensions by T.O. on general progress of Tuberculosis Discharged Ex-Service men	24
" cases referred to Light Treatment	5
" cases referred to Orthopaedic Clinic	16
" cases receiving extra nourishment at the end of year	36
" cases referred by the Ministry of Labour and National Service medical boards for examination and report	144

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. 1941		Admitted during the year.		Discharged during the year.		Died during the year.		In on 1st Jan. 1942.	
N	F	M	F	M	F	M	F	M	F
45	34	85	57	77	59	9	10	44	22

Number of Artificial Pneumothorax cases begun	30
" of Refills given	2069
" of X-ray Screenings	2127
" of films taken	409
" of Sputum tests	879
" of Gas replacements	13

Immediate results of treatment

Group	Total number of cases dis- charged.		Qui- escent		Im- proved		No Material Improve- ment		Died in the Sena- torium		Discharged before completion of treatment		Average duration of stay in days
	M	F	M	F	M	F	M	F	M	F	M	F	
Class T.B. Minus	10	16	7	10	1	3	1	-	-	-	1	3	166
Class T.B. Plus													
Group 1	6	7	4	3	-	3	1	-	-	-	1	-	169
Group II	36	24	1	2	23	10	3	5	1	1	6	6	302
Group III	16	14	-	1	4	-	3	4	8	9	1	-	225
Observation - Non-tuberculous	7	-	-	-	-	-	-	-	-	-	-	-	-
	75	61	12	17	28	16	10	9	9	10	9	9	-

At the beginning of 1941 there were 79 patients in Cheam Sanatorium. During the year 142 were admitted and 136 discharged, whilst 19 died, thus leaving 66 patients in at the end of 1941.

There were 9 observation cases sent in; 8 males and 1 female. Of the 8 males 7 were not tuberculous, and the 1 female was tubercular, therefore there were 7 observation cases in non-tuberculous cases which are shown above. The 2 that were tuberculous are in with the tuberculous cases and are not shown as observation.

Artificial pneumothorax cases discharged but still under treatment, 11 males, 8 females (see above), making total discharges, males 77, females 59.

These artificial Pneumothorax cases only refer to cases discharged in 1941, those discharged in 1940 and still having refills have not been included.

DENTAL REPORT - CHEAM SANATORIUM. 1941.

Review of work done.

	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Total 1940.</u>
Number Examined	70	41	111	100
Referred Treatment	56	36	92	83
Treated	51	36	87	83
Attendances	157	111	268	367
Extractions	75	63	138	140
Fillings	57	60	117	181
Dressings	9	6	15	27
Sealings	23	20	43	55
Root Treatments	-	4	4	4
Denture Dressings	20	5	25	26
Dentures Fitted	6	1	7	5
Mandibular Injections	15	8	23	30

No. of sessions Treatment: 34.

Summary of work done.

	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Total 1940.</u>
Referred from Dispensary.	1	15	16	27
Treatment cases continued from Cheam	3	2	5	4
Attendances	11	35	66	117
Extractions	10	29	39	53
Fillings	-	23	23	28
Dressings	-	5	5	2
Sealings	-	6	6	14
Denture dressings	7	14	21	51
Dentures fitted	2	4	6	19

Number of Sessions treatment. 15.

The amount of 10s. 0d. was taken in attendance fees during the year at
Lodge Road.

MATERNITY AND CHILD WELFARE.

Notification of Births.

Notifications were received from:-

	Live Births	Still Births	Total
Midwives	2032	35	2067
Doctors, Parents & Others	591	28	619
	-----	-----	-----
	2623	63	2686
	=====	=====	=====

Maternal Mortality.

There were 8 deaths directly due to pregnancy, compared with 5 in 1940. The maternal mortality rate was 3.23 per 1,000 births, compared with 1.65 in 1940. In other words one mother died for every 309 live babies born.

The deaths directly due to pregnancy were caused by:-

1. Rupture of Uterus. Epileptic form convulsions.
2. Obstetric shock and haemorrhage.
3. Puerperal sepsis and septicaemia.
4. Cardiac failure. Haemorrhage. Threatened abortion.
5. Myocardial failure. Fatty degeneration. Parturition.
6. Uraemia (with fits) Chr. Nephritis. $7\frac{1}{2}$ months pregnancy.
Caesarean section.
7. Haemorrhage. Ruptured tubal pregnancy.
8. Obstetric shock.

In addition there were three deaths due to Criminal abortion included by the Registrar General under suicide.

Puerperal Fever and Puerperal Pyrexia.

Fifty three cases of Puerperal Pyrexia were notified. This is a rate of 19.7 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	997	37.12
In public institutions	1299	48.36
Registered Maternity Homes	390	14.52

	2686	
	=====	

Still Births

During 1940, 65 still births were registered in respect of Croydon. Of these 35 were male babies and 30 female; 2 males and 4 females were illegitimate. The proportion of still births to living children was as 1 to 41. The still birth rate was 2.5% of the total births. The still birth rate, on the same basis as for Infant Mortality, was 24.0 per 1,000 births.

Ophthalmia Neonatorum.

Seventeen cases were notified during 1941.

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

	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941
No. of cases	21	10	13	13	20	21	20	13	14	17
Rate per 1,000 Births	6.3	3.2	4.0	3.9	6.2	6.4	6.0	4.5	4.7	7.0

Results of Treatment.

Notified	Cases treated		Vision Unimpaired	Vision Impaired	Died	Removed	Remaining under Treatment etc.
	At home	In hospital					
17	4	13	12	-	1	4	-

Infant Mortality.

The Infantile Mortality rate was 37 per 1,000 live births registered.

For the past 5 years the numbers of infant deaths have been 1937, 195; 1938, 135; 1939, 130; 1940, 116; 1941, 90; 58 deaths of infants occurred in Institutions, including Registered Nursing Homes.

Among the 90 deaths, 54 occurred in boy babies and 36 in girls. Of the births, 1215 were males and 1193 females. The infantile mortality rate for the two sexes was, therefore:-

Boys 44; Girls, 31.

The rate of infant mortality amongst illegitimate children was 44 per 1,000. The rate in legitimate children was 37 per 1,000.

Deaths under one Year, arranged in days, weeks and months.

CAUSES OF DEATH	1st Day	2nd Day	3rd Day	4th Day	5th Day	6th Day	7th Day	1st - 2nd week	2nd - 3rd week	3rd - 4th week	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)	27 1	6 -	2 -	1 -	1 -	1 -	-	6 -	-	3 -	47 1	8 -	10 -	6 -	-	5 -	4 -	3 -	3 -	1 -	2 -	1 -	89 1
Chicken Pox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Scarlet Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria and Croup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculous Meningitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Abdominal Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Tuberculous Diseases	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis (Not tuberculous)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Convulsions	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Laryngitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bronchitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pneumonia (All forms)	1	-	-	-	-	-	-	1	-	2	4	4	7	4	-	4	2	2	1	-	1	-	-
Diarrhoea & Enteritis	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	1	-	-	-	-	-	-
Gastritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickets	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Congenital Malformations	2	-	1	-	-	1	-	1	-	-	5	-	1	-	-	-	1	-	-	-	-	-	-
Premature Birth	18	5	-	1	-	-	-	-	-	1	25	-	-	-	-	-	-	-	-	-	-	-	-
Atrophy, Atelectasis, Debility and Marasmus	1	-	1	-	-	-	-	2	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Injury at Birth	2	1	-	-	-	-	-	1	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-
Other causes	4	-	-	-	1	-	-	1	-	-	6	2	-	-	-	1	-	1	-	-	-	-	-
	23	6	2	1	1	1	-	6	-	3	48	8	10	6	-	5	4	3	2	1	2	1	90

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

1. Complications of Labour		
Trauma at Birth	4	4
2. Fœtal States		
Congenital Heart Malformation	3	
Other congenital deformities etc.	3	
Atelectasis etc.	4	10
3. Prematurity	25	25
4. Post-natal causes	9	9
		48

	Percentage Deaths per Total Infantile Deaths		Deaths per 1,000 Births	
	1941	1940	1941	1940
Premature Births	27.7	19.8	10.4	7.8
Respiratory Diseases (Pneumonia Bronchitis etc.)	34.4	23.3	12.1	9.2
Ø Infectious Diseases (Including Tuberculosis, Atelectasis, Debility and Marasmus)	5.5	3.4	2.1	1.4
* Diseases of Digestion.	4.4	9.5	1.7	3.7
Injury at Birth and Congenital	5.5	10.3	2.1	4.1
	12.2	17.2	4.6	6.8

Ø Analysed these deaths were due to Measles 1; Whooping Cough 2; and Tuberculosis (Meningitis and Miliary) 2.

* These deaths were due to Diarrhoea 5.

Midwives Acts, 1902 to 1936.

Seventy eight midwives notified the Local Supervising Authority of their intention to practise within the Borough during 1941, Nineteen ceased practising in the Borough; so that fifty nine 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 £1.10.0d., was paid out during the year.

Confinements attended by Midwives (including Municipal Midwives)

Cases attended by Midwives alone	1920	71.5% of Total.
Cases attended by Midwives when a doctor was also engaged	450	
Cases attended by Midwives when a doctor was also summoned	316	
	<hr/>	
TOTAL	2686	
	<hr/>	

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	8	Other causes	27
Albuminuria	3		38

For complications during labour.

Breech	4	Occipito-Posterior	2
		Transverse	1
		Undiagnosed	5
			12

Delayed Labour

Uterine Inertia	2	Prolonged	17
Delayed	21		40

Haemorrhage

Ante Partum	2		
Post Partum	8		10

Other Causes.

Adherent Placenta	1	Illness of Mother	5
Torn Perineum	102		108

For complications during puerperium.

Pyrexia	8	Pain in Breasts	3
Pain in legs	14	Other causes	8
Toxaemia	2		35

For complications in regard to the baby.

Inflammation of Eyes	42	Still birth	1
Feebleness	4		
Premature birth	5	Other causes	21
			73

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

Illness of Mother	4
Insufficient Milk	21
Other causes	14
Total	39

Inspection of Midwives.

Dr. Jenkin Lloyd, the Inspector of Midwives, interviewed 10 midwives at the Town Hall. 7 visits were paid by her to the homes of midwives.

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

245 accounts were received from doctors for services rendered under the provisions of this Section. This compares with 329 in 1940; 424 in 1939; 388 in 1938; 234 in 1937; 268 in 1936. The total amount of the accounts was £132.19.0d. £225.2.0d. was ultimately recovered from the patients. In 1940 the amount paid to doctors was £528.2.0d. and in 1939 £533.4.0d.

NURSING HOMES.

	Maternity Homes	Other Nursing Homes	Combined Maternity and other Nursing Homes	Total
No. of Homes on Register on 31.12.40.	5	19	17	41
No. of Applications for Registration during 1941.	-	-	-	-
No. of Homes Registered during 1941.	-	-	-	-
No. of Homes on Register on 31.12.41.	5	19	17	41
No. of Beds available	63	283	(a) Mat. Beds 76 (b) Other Beds 76	(a) 139 (b) 359

THE OBSTETRIC SERVICE.

The obstetric service has been described in my report for 1938. The following are the statistics for 1941

Taking the Registrar General's figures for maternal mortality (deaths directly due to pregnancy but excluding abortion) the rate for England and Wales for 1941 was 2.23 per 1,000 births. In Croydon the rate was 3.24. In booked cases treated by the Obstetric Service the rate for 1941 was 3.3 per 1,000 Hospital deliveries; nil per 1,000 home deliveries and 2.1 per 1,000 over all deliveries.

Of the cases treated to a conclusion at the Post Natal Clinic during 1941, 92.7 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 1940 was 94.7.

The number of cases delivered of viable babies in Mayday Hospital with a nominal 48 beds, was 629. The number delivered at St. Mary's Maternity Hospital, with 30 beds, was 579. Owing to bomb damage the wards at Mayday Hospital were closed for nearly three months.

GENERAL STATISTICS, 1941.

No. of live births allocated to the Borough of Croydon.	2642
" " still " " " " " " " "	65
No. of maternal deaths (directly due to pregnancy)	8
No. of cases of notified Puerperal Pyrexia.	51
No. of expectant mothers who attended the Borough Ante Natal Clinics.	2628
No. of cases delivered in Mayday Hospital as Booked cases.	600
No. of cases delivered in Mayday Hospital as emergency cases.	168
Total cases delivered in Mayday Hospital.	<u>768</u>
No. of cases delivered in St. Mary's Maternity Hospital as booked cases.	579
No. of cases delivered in St. Mary's Maternity Hospital as Emergency cases.	-
Total cases delivered in St. Mary's Maternity Hospital.	<u>579</u>
No. of cases delivered by Municipal Midwives	730
TOTAL	<u>2077</u>
No. of cases admitted to the Puerperal Infection Unit, Borough Hospital and Mayday Hospital Isolation Wards, including 28 from Mayday Hospital and 8 from St. Mary's Maternity Hospital.	38
No. of Maternal deaths in Booked cases from Borough Ante Natal Clinics.	4
No. of Maternal deaths in Emergency cases at Mayday Hospital.	7
No. of Maternal deaths in cases admitted as Puerperal Sepsis per se	1
Total Maternal deaths in beds of the Obstetric Service.	12 (including 3 cases of criminal abortion and 1 "foreign " case)

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

(a) In Mayday Hospital	1690
(b) In St. Mary's Maternity Hospital.	657
(c) In the Borough Hospital Puerperal Infection Unit and Mayday Hospital Isolation Wards, excluding 28 from (a) and 6 from (b)	4
(d) At the Ante Natal Clinics and delivered outside the above Hospitals (including Municipal Midwives cases)	901
(e) At the Post Natal Clinics, excluding those included in (a), (b), (c) and (d).	328
(f) At the Ante Natal Clinics and undelivered on December 31st 1941.	531
	<u>4111</u>

ANTE NATAL SUPERVISION.

	1940	1941
Number of sessions at Ante Natal Clinics held	411	471
Number of individuals who attended	3257	3402
Number of previous year's cases continuing attendance.	574	574
Number of new cases	2642	2828
Number of cases undelivered on 31st December	574	620
Total attendances made.	15249	16169
Average attendances per session.	37	34
Number of cases delivered in hospital as Booked cases.	1277	1199
Number of cases delivered by Municipal Midwives	939	730
Number of cases delivered at other places under the care of private doctors or midwives (about)	200	171
Number of patients found not to be pregnant.	19	18
Number of patients referred to hospital for Ante Natal treatment.	509	480
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 4 clinics per week for home delivery. A post-natal clinic for cases delivered at home has also been instituted.		

During 1941 the Obstetric Service dealt with 1965 out of the total births allocated to the Borough.

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

Breech Presentation.

Breech presentation diagnosed	202
Spontaneous version	15
External version successful	121
External version not successful	56
Allowed to go to term as Breech	56
Not recognised as Breech before labour	4

Dental Treatment

No. of cases referred to Borough Dental Surgeons.	743
No. of cases referred to Private Dental Surgeons.	96
No. of cases refusing dental treatment.	48
No. of cases seen too late for necessary dental treatment.	42

Tuberculosis

Referred from Tuberculosis Officer because of pregnancy.	1
Referred to Tuberculosis Officer for opinion on lung condition.	8

Venereal Disease.

Gonorrhoea	- Total cases	4
	Transferred to Borough V.D.Clinic	4
Syphilis	- Total cases.	7
	Transferred to Borough V.D.Clinic	7

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

Midwives Cases.

These cases may be summarised as follows:-

Total number of midwives cases during 1941	171
Number of cases sent for one consultation only	65
Number of cases supervised entirely	106

Special Investigations

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

Pathological Investigations.

Blood for Wasserman	146
Blood for Kahn Reaction	113
Blood for Gonococcus Fixation Test	113
Blood for Grouping	96
Blood for Culture	10
Blood for Urea Content	42
Blood for Widal's etc.	13
Blood for Cell Count, etc.	36
Catheter urine for Routine Examination	382
Urine for Aschheim-Zondek Test	19
Urine for Urea Concentration Test	124
Lochia for Culture	25
Sputum for examination	10
Pus for identification of Organism	17
Urethral smears for Gonococci, etc.	25
Cervical smears for Gonococci, etc.	51
Conjunctival smears	28
Histological sections	159
Van den Burgh	3
Throat swabs for organisms	98
Faeces for Occult Blood etc.	2
Blood for sugar estimation	2
Blood for Hb Estimation	441
Urine for T.B.	2
Various	9
Glucose Tolerance Test	1

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

115 cases were referred from Ante Natal Clinics and 261 films were used. Reasons for reference were:-

Breech for attitude etc.	12
For presentation, attitude etc.	37
Twins	36
Foetal death	3
" parts	20
Disproportion	7

46 cases were referred from the Maternity and Gynaecological Wards at Mayday and St. Mary's Hospitals and 105 films were used. Reasons for reference were:-

For presentation.	7
Twins	6
For foetal death	4
For foetal parts	7
Breech? Extended legs	8
Disproportion	6
Hydrocephalus	2
Anencephaly	4
Vesicular mole	2

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.	597	579	1176
2. Delivered in hospital before 28th "	3	-	3
3. Admitted after delivery.	19	-	19
4. Discharged undelivered after ante-natal treatment and not subsequently delivered in Hospital.	-	-	-
5. Died undelivered	-	1	1
6. Ectopic Pregnancy	-	-	-
	<u>619</u>	<u>580</u>	<u>1199</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. Before Labour.	
(a) Discharge undelivered.	13.
(b) Delivered in hospital after 28th week.	32
(c) Delivered in hospital before 28th week.	131
(d) Died undelivered.	-
2. After Delivery	8
3. Ectopic Pregnancy	5
	<u>189</u>

MUNICIPAL MIDWIVES

Cases delivered (including twins	730	Maternal deaths	nil
Maternity cases.	101	Medical aid sought	117
Live Births	724	Ante-natal visits by	
Still births (3 macerated)	6	midwives	5311
		" " clinic	
		attendances.	4165
		Post-natal clinic	
		attendances.	387

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	112	10	61	183
Eclampsia	-	-	-	-
Persistent vomiting of pregnancy	3	7	-	10
Chronic cervitis	3	-	-	3
Acute pyelitis	16	3	14	33
Malnutrition, debility, simple anaemia, etc.	22	-	10	32
Breech presentation for version	-	-	-	-
Retroverted gravid uterus	-	1	-	1
<u>2. Intercurrent Diseases.</u>				
Chronic nephritis	1	-	-	1
Pulmonary Tuberculosis	1	-	-	1
Venereal disease	-	-	-	-
Cardiac disease	15	-	-	15
Exophthalmic goitre	-	-	-	-
<u>3. Conditions chiefly Natal.</u>				
Presentations at Delivery -				
Anterior positions of the vertex.	550	24	508	1082
Posterior positions of the vertex	15	2	44	61
Breech	34	2	26	62
Shoulder	-	-	1	1
Face and brow	3	-	3	6
Complex	-	-	1	1
Caesarean section.	21	3	1	25
Twins	10	-	10	20
Accidental haemorrhage	7	1	2	10
Placenta praevia	9	3	2	14
Hydramnios	6	-	7	13
Prolapse of cord	3	-	1	4
Retained placenta	7	-	6	13
Post-Partum haemorrhage	29	28	28	85
B.B.A.	20	7	3	30
Lacerated perineum	201	19	245	465
Obstructed labour	2	-	2	4
Premature labour	56	9	62	127
Abortion	7	143	-	150
Ectopic pregnancy	-	5	-	5
Abdominal Hysterotomy	-	1	-	1

	Mayday Hospital Booked.	Mayday Hospital Emergency	St. Mary's Maternity Hospital Booked.	Total
4. Conditions chiefly Post-Natal excluding re-admissions from Post-Natal Clinic.				
Breast abscess	9	-	-	9
Notified pyrexia or fever	24	17 *	6	47

In addition 4 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. (52 obstetrical and 46 gynaecological cases)

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

One Mayday Hospital "Booked" Obstetrical case, and one Gynaecological case died.

Infants.

	Mayday Hospital Booked.	Mayday Hospt. Emergency	St. Mary's Maternity Hospital Booked.	Total	Per Cent
No. of infants in Hospital on 1st January, 1941.	21	-	17	38	
Total No. of live births, still births and infants admitted with Mother (B.B.A.)	621	41	582	1244	
No. of infants in Hospital on 31st December, 1941.	41	-	27	68	
Living-alive on discharge from Hospital.	569	42	579	1190	95.4
Stillborn	24	4	11	39	3.1
Died (born alive, but died in Hospital)	17	-	2	19	1.5

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 611 infants discharged from Mayday Hospital, 377 were up to or over birth weight (62%).

Of 532 infants discharged from St. Mary's Maternity Hospital, 332 were up to or over birth weight (57%).

Twins and Triplets.

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

	<u>Mayday</u> <u>Hospital</u> <u>Booked</u>	<u>Mayday</u> <u>Hospital</u> <u>Emergency</u>	<u>St. Mary's</u> <u>Maternity</u> <u>Hospital</u> <u>Booked.</u>	<u>Total.</u>
Number of cases	10	-	10	20
Number of infants discharged alive	15	-	19	34
Number of still-births and infant deaths	5	-	1	6
Foetal and infant mortality	25%	-	5%	15%

POST NATAL AND GYNAECOLOGICAL CLINIC.

Number of Sessions held	154
" individuals presented	1676
" subsequent attendances	886
Total attendances	2162
Average attendance per session	14
Number of Post-Natal cases	1276
Number of Gynaecological cases	328

END RESULTS.

633 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>	
Health Unimpaired	250	337	587	92.7%
Health slightly impaired	24	20	44	7.0%
Health seriously impaired	1	1	2	0.3%
Totals, treated to conclusion	275	358	633	

MATERNAL MORTALITY. (Obstetric Service)

Twelve deaths occurred of Mothers dealt with by the service, four in Booked cases, and eight in "emergency" cases.

The maternal mortality of "Booked" cases, i.e. cases under the continued supervision of the service, is 3.3 per 1,000 hospital deliveries, and 2.1 per 1,000 total deliveries including the Municipal Midwives booked cases.

Puerperal Infection.

Fifty cases were treated in isolation for puerperal infection, 11 of them in the Borough Hospital and 39 in Mayday Hospital. There was 1 death (an abortion).

Sources of the Cases.

From Mayday Hospital:-

	<u>Cases</u>	<u>Deaths</u>
"Booked" Cases	24)	5 (including
"Emergency" Cases	17)	4 abortions)
From St. Mary's Maternity Hospital.	6	-
From Other Hospitals	-	-
From private doctors, deliveries in Nursing Homes	3	1
From private doctors, deliveries at home	-	-

The assistant Medical Officer of Health for Obstetrics was called in by medical practitioners to see 57 obstetrical and 105 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 40 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 Mother's 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 1941, 2,430 new cases under 1 year of age, and 1,008 over 1 year of age attended for the first time, the total of attendances of infants and young children from 0 - 5 years decreased from 66,609 in 1940 to 64,322 in 1941. Consultations with doctors decreased from 21,375 to 21,319. 43 expectant mothers were seen, a decrease of 20 on 1940, and a total of 438 visits to the Centres were paid by them. The total of all visits to the centres was 64,760 a decrease of 2,243 compared with 1940.

The highest average attendance of mothers and babies at each session was recorded at South Croydon (86.0), Municipal (77.6), St. Andrews (71.4) and Selhurst (67.7).

DENTAL TREATMENT - MATERNITY AND CHILD WELFARE PATIENTS.

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

EXPECTANT MOTHERS.

These numbered 562 compared with 578 last year and represent 85% of the total number referred.

Of these, 65% presented themselves during the first six months of pregnancy. The remaining 35%, some of whom had but recently returned from evacuation, were first seen during the later stages of gestation. As stated previously conservative measures constituted quite a considerable proportion of the treatment, 839 fillings being inserted against 565 in 1940.

NURSING MOTHERS

Due primarily to the increase during the two preceding years in numbers of mothers treated antenatally, the number of those referred during the nursing period is again seen to be low. The latter figure was 99 against 84 last year.

Those treated during the first six months of the nursing period constituted 68%. For the remainder referred from the 7th to 12th month, emergency treatment only was in most cases carried out.

THE PRE-SCHOOL CHILD.

Some reduction will be noted in the number of children under school age referred in 1941, these were 253 against 318 last year. Though this reduction may to some extent be due to the enforced curtailment of visits to Welfare Centres, facilities for easily obtaining treatment do in fact exist. Until such time, therefore, as a large scale return takes place of mothers from evacuation, it is doubtful whether more substantial results will be obtained.

Fillings inserted for these small patients show an increase on the last report. Extractions performed, on the contrary, are to some extent reduced.

DENTAL TREATMENT - MATERNITY AND CHILD WELFARE PATIENTS.
(continued)

The following summary shows particulars of the work accomplished:-

	Expectant Mothers	Nursing Mothers	Young Children.	Total	
				1941	1940
Number examined	491	75	232	797	780
Referred for treatment	71	25	23	119	712
Attendances	2046	431	565	3042	2855
Fillings	639	106	304	1249	919
Extractions	2003	427	350	2780	2776
"G.s" Cases	269	61	112	442	529
Local Anaesthesia	416	71	64	551	325
Scalings	218	17	5	240	139
Dressings	295	68	126	489	400
Denture Dressings	767	213	13	993	1021
Gum treatment	39	5	-	44	37
Silver Nitrate	12	11	183	206	127
Treatments Completed	328	60	193	581	510

Number of Sessions (treatment) 433. Appointments kept 78%.
Dentures fitted - Full 138, partial 59.

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

Ante-Natal	589	The Retreat	9	Waddon	10
Municipal		South Croydon	6	Shirley	14
Midwives	154	St. Albans	20	Boston Rd.	5
Municipal	32	Woodside	20	St. Stephen's	13
E. Croydon	33	Norbury	9	Holy Trinity	15
Upper Norwood	8	St. Paul's	11	Addington	11
West Croydon	17	St. Oswald's	8	St. George's	-
South Norwood	24	St. Andrews	6		
				Total	1,014

The amount received for attendance fees was £64. 9. Od. as compared with £70.15. Od. in 1940.

ATTENDANCES AT INFANT CENTRES - 1941.

	Municipal	Boston Rd.	St. Andrews	St. Croydon	Shirley	Woodside	Lr. Addiscombe Rd.	South Norwood	Westow Street	St. Albans	St. Pauls	St. Oswalds	West Croydon	Norbury	Redon	Addington	Selhurst	St. Stephens	Total 1941.	Total 1940.
1.	370	103	112	132	127	133	270	169	71	176	98	100	82	87	97	124	94	85	2430	2655
2.	4562	1317	1773	2349	1482	1577	3323	2734	1049	2547	1307	1697	1513	1533	1436	1391	1688	1349	34627	33297
3.	108	38	31	45	29	54	101	66	38	83	37	49	20	34	76	104	48	48	1008	1104
4.	2713	948	1361	1765	1054	1330	2374	1631	1016	2105	1373	1115	815	1322	1045	1577	1651	837	26257	29553
5.	7753	2406	3497	4291	2691	3094	6068	4600	2174	4911	2820	2961	2430	2976	2654	3196	3481	2319	64322	66609
6.	2500	839	1049	1119	801	803	2021	1820	799	1891	1019	1098	954	837	907	761	1239	862	21319	21375
7.	100	51	49	51	48	49	100	102	51	100	49	51	51	52	52	97	52	52	1157	1155
8.	-	-	-	10	9	2	-	10	3	2	-	-	1	5	3	-	1	-	46	66
9.	2	-	2	87	13	-	7	28	7	2	-	-	35	22	149	-	58	-	392	328
10.	2	-	2	97	22	2	7	38	10	4	-	-	36	27	152	-	39	-	438	394
11.	7755	2406	3499	4388	2713	3096	6075	4638	2184	4915	2820	2961	2468	3003	2806	3196	3520	2319	64760	67003
1941	77.6	47.2	71.4	86.0	56.5	63.2	60.8	45.5	42.8	49.2	57.6	58.1	48.4	57.8	54.0	32.9	67.7	44.6	656.0	..
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		658.0

6 Total average attendance each week at all centres.

1. New cases under 1 year. 2. Number of re-attendances. 3. New cases over 1 year. 4. Number of re-attendances.
5. Attendances of children 0 - 5 years. 6. Consultations with Doctor. 7. Number of Sessions
8. Expectant Mothers. Number of new cases. 9. Number of re-attendances. 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.

Visits Re:-	Wilson	Acho	Southgate	Walker	Hobday	Hinton	Cracknell	Makofield	Overington	Wybrew	Early	Warman	Oakley	Devaney	Cross	Bird	Webb	Buttfield	Bond	Ernest	Lewis	Williams	Catlow	Cox	Toneri	Total
<u>Infants under 1 Yr.</u>																										
First visits	126	79	68	270	204	142	7	69	225	63	76	157	108	179	73	146	138	115	185	147	83	55	152	97	31	2855
Re- visits	358	233	174	401	977	669	48	208	789	169	452	486	544	673	206	489	444	530	654	371	479	161	664	278	160	10617
<u>Children 1-2 Yrs.</u>																										
First visits	7	-	4	10	8	3	2	2	13	2	-	4	6	53	3	30	10	13	29	3	11	1	7	2	-	823
Re- Visits	236	165	153	397	514	428	36	162	905	107	465	289	374	443	169	275	260	364	597	210	279	68	558	246	92	7773
<u>Children 2-5 Yrs.</u>																										
First Visits	14	-	6	16	6	-	-	2	1	2	1	2	18	64	4	30	7	12	11	-	28	4	4	5	-	237
Re- visits	666	350	339	723	1066	680	42	268	552	290	474	837	426	319	223	359	483	695	566	251	460	191	325	262	49	10663
<u>Expectant Mothers</u>																										
First visits	54	24	13	9	29	24	-	18	16	23	16	27	17	38	24	21	19	30	13	32	17	-	23	26	6	529
Re- visits	11	6	3	1	48	2	-	2	-	-	27	1	-	2	21	-	-	3	6	15	-	-	8	3	-	159
Still Births	2	6	1	-	1	-	-	-	1	1	3	4	-	1	-	-	-	-	-	10	-	-	1	-	-	31
Milk (Mothers and Childrens order)	13	62	9	-	-	1	-	2	1	-	60	1	-	4	16	4	-	-	115	154	-	16	-	7	12	497
Deaths under 1 Yr.	1	-	1	3	-	-	-	-	2	1	3	3	2	1	2	2	-	1	1	6	4	1	2	-	-	36
Miscellaneous visits	12	4	98	11	9	5	-	14	3	3	9	2	5	21	68	18	25	39	5	117	26	16	9	18	37	573
Ineffective visits	301	202	330	398	671	404	103	270	403	267	274	320	513	466	631	362	418	520	289	428	377	169	265	142	54	6577
Total 1941	1801	1131	1179	2199	3502	2158	238	1017	2911	928	1880	2133	2013	2264	1240	1737	1804	2322	2471	1744	1764	682	2038	1086	411	12873
Total 1940	1972	1333	1540	2915	3999	2622	-	1215	3145	2244	2813	2435	2329	3311	1634	2469	2303	3339	2144	6564	-	-	-	-	-	51994
																				Others						

MILK (Mothers and Children) Order.

The table below gives the number of families who were in receipt of assistance under the provisions of the above-named order during the year. The Borough Council pay for all dried milks sold below cost price or given free whether ordered at the Voluntary Centres or at the Municipal Centre. All wet milk ordered under cost price is also paid for by the Council.

	On Dec. 31st 1940.	New cases during the year.	Cases discontinued	On Dec. 31st 1941.
Free	8	32	10	30
Half-price	-	13	3	10
	8	45	13	40

Assisted Fluid Milk Scheme.

The amount of milk granted was 756 pints. In 1940 it was 118,000 pints.

Supplied to Families.	Number of pints.	Corporation Liability.
		£. s. d.
Milk at half-price	168	4. 1. 6.
Milk free	588	11. 0. 6.
	756	12. 2. 0.

Dried Milk (Coupon) Scheme.

The amount of dried milk granted free or at half-price was 1,890 packets. In 1940 it was 11,360 packets.

	Number of Packets.	Corporation Liability.
		£. s. d.
Dried Milk at half-price	384	42. 10. 6.
Dried Milk free	1,506	175. 3. 4.
	1,890	217. 13. 10.

CONVALESCENCE COMMITTEE OF THE CROYDON MOTHERS' AND INFANTS WELFARE
ASSOCIATION.

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

Convalescent Homes.

Total number of Children under 5 sent to convalescent homes (with mothers - 6)	8
Total number of weeks	24
Cost	£13. 2. 6d.
Number of mothers sent for convalescence	10
Number of children under 5 sent with their Mothers to cottages.	6

A grant of £500 was made by the Council to the Association for this work in 1941. The year is the financial year ending 31st March, 1942.

Home Helps.

From January to December 31st, 321 mothers applied for Home Helps, and 296 were supplied. £328 was collected in payment for their services. At the end of the year there were 15 names of Home Helps on the register.

Babies' Help Report.

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

At the beginning of 1941 the Babies Help Committee had eight cases on the books, at the end of the year there were three. During the year 24 Mothers and Babies have been helped.

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 Crèche. A total of 6,206 attendances was recorded. (Numbers were low during April, May, and June owing to Measles and Whooping Cough)

COOMBE CLIFF CONVALESCENT HOME.

The Home closed on the 31st March, 1941 the premises being taken over by the Air Training Corps.

The following is a summary of the cases dealt with during the March Quarter.

Number of cases admitted	19
Total number of cases discharged	33
Number of patient days. 51.3 per patient.	

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 1941.

FOSTER CHILDREN.

No. as at Dec. 31st 1940.	Notice of Reception of Children during the year.	Parent	Notice of removal to -			Children Adopted	Died	Children reaching age of 9.	No. as at Dec. 31st 1941
			Another area with Foster Parent.	Another Foster Mother.	Public Institution				
135	143	82	2	24	6	17	1	9	137

The number of foster-children showed an increase of 2 during the year.

FOSTER MOTHERS

No. as at Dec. 31st 1940	Applications for Authorisation during the year.	<u>Removals during the year.</u>		Authorisation cancelled for other reasons	No. as at Dec. 31st 1941.
		With Child	Without Child		
107	50	2	7	23	125

The number of foster-mothers increased by 18 during the year.

The Health Visitors paid 1,024 visits to foster-mothers for the purpose of supervision.

ORTHOPAEDIC DEPARTMENT.

The arrangements are the same as in 1940.

Summary of Cases attending the Orthopaedic Clinic.

1st January, 1941			New Cases, 1941.			Cases discharged 1941.			Cases on Books 31st December, 1941.		
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.
264	259	30	102	161	16	29	37	-	133	164	73
	603			219			66			369	

Cases seen by Orthopaedic Surgeon.

Defects.	School Visits		M.C.W. Visits		Tuberculosis Visits		Total Visits	
	Cases	paid	Cases	paid	Cases	paid	Cases	paid
Infantile Paralysis	13	40	1	4	-	-	14	44
Curvature or Postural Defects.	20	68	1	1	-	-	21	69
Pes Cavus	4	10	-	-	-	-	4	10
Pes Planus	31	85	9	27	-	-	40	112
Genu Valgum	28	45	46	159	-	-	94	204
Talipes	26	65	34	111	-	-	60	176
Obstetrical Palsy	-	1	2	4	-	-	2	5
Joint Diseases	10	29	1	3	(49a 7s 2a)	(98a 11s 3a)	69	144
Injuries	3	8	3	5	-	-	6	13
Rickets	2	7	9	19	-	-	11	26
Wry Neck	8	15	1	1	-	-	9	16
Spastic Paraplegia	14	21	3	15	-	-	17	36
Congenital dislocation of the Hip.	5	10	1	3	-	-	6	13
Other deformities.	34	74	32	48	1	1	67	123
	198	478	163	400	59	113	420	991

Summarised the Table shows 198 School children attended and made 478 attendances, 163 babies made 400 attendances and 59 Tuberculosis cases made 113 attendances, a total of 420 cases, making 991 attendances.

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

Defects	School Cases			M.C.W. Cases			Tuberculosis Cases			Total		
	Cases	No. of Treatments	X-Rays	Cases	No. of Treatments	X-Rays	Cases	No. of Treatments	X-Rays	Cases	No. of Treatments	X-Rays
Infantile Paralysis	2	56	-	-	-	-	-	-	-	2	56	-
Curvature or postural	14	328	2	-	-	-	1	16	1	15	344	3
Pes cavus	-	-	-	-	-	-	-	-	-	-	-	-
Pes planus	2	46	-	1	1	-	-	-	-	3	47	-
Genu Valgum	2	33	-	1	-	1	-	-	-	3	33	1
Talipes	-	-	-	2	17	-	-	-	-	2	17	-
Bone and Joint Disease	8	-	9	-	-	-	27	-	28	35	-	37
Injuries	2	4	2	1	-	1	-	-	-	3	4	3
Rickets	-	-	-	1	-	1	-	-	-	1	-	1
Wry Neck	3	53	-	-	-	-	-	-	-	3	53	-
Spastic paraplegia	-	-	-	-	-	-	-	-	-	-	-	-
Cong. Dis. of the hip	2	-	2	-	-	-	-	-	-	2	-	2
Other Deformities	6	20	10	3	-	3	-	-	-	9	20	13
	41	540	25	9	18	6	28	16	29	78	574	60

Cases sent to Residential Institutions:-

Name of Institution.	School Cases			M.C.W. Cases			Tuberculosis Cases			Total			
	No. in on 1st Jan. 1941	Admitted	Discharged	No. in on 1st Jan. 1941	Admitted	Discharged	No. in on 1st Jan. 1941	Admitted	Discharged	No. in on 1st Jan. 1941	Admitted	Discharged	No. in on 1st Jan. 1942.
Pyrford	1	-	-	1	-	1	(5s (1a	5s	6s	8	5	7	6
Croydon General Hospital	-	3	3	-	2	2	1a	1s	(1a (1s	1	6	7	-
Heritage Craft Schools	1	-	-	-	-	-	2s	-	2s	3	-	2	1
Pinner	1	1	2	2	-	1	-	-	-	3	1	3	1
Lord Mayor Treloar Hosp.	-	-	-	-	-	-	1a	1a	1a	1	1	1	1
Royal Sea-bathing Hosp.	-	-	-	-	-	-	(2s (1a	4a	(2s (2a	3	4	4	3
Birchington	1	-	1	-	-	-	-	-	-	1	-	1	-
Queen Mary's Hospital	-	1	-	-	-	-	2s	2s	2s	2	3	2	3
Royal Nat. Orth. Hosp.	-	-	-	-	-	-	1a	-	1a	1	-	1	-
Mayday Hosp.	-	1	1	-	-	-	(1s (3a	(1a (4a	(1a (4a (1s	4	6	7	3
	4	6	7	3	2	4	20	18	24	27	26	35	18

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

Condition.	In on 1st Jan. 1941.	Admitted or transferred	Discharged			I.S.Q.	Died.	In on 1st Jan. 1942.
			Arrested	Quiescent.	Im-proved			
Infantile Paralysis.	-	1	-	-	1	-	-	-
Tubercular Joint Disease	23	7	7	2	1	1	3	18
Congenital Hip Disease	4	1	-	-	4	-	-	-
Hemiplegia	-	-	-	-	-	-	-	-
Genu Valgum	-	-	-	-	-	-	-	-
Pes Cavus	-	-	-	-	-	-	-	-
Talipes.	1	3	-	-	3	-	-	1
Rickets.	-	1	-	1	-	-	-	-
Other Deformities	-	-	-	-	-	-	-	-
Spastic Paraplegia	-	-	-	-	-	-	-	-
Scoliosis	-	-	-	-	-	-	-	-
Osteomyelitis	2	1	-	-	1	-	-	2
	30	14	7	3	10	1	3	21

The percentage of arrested cases was 33¹/₃%, quiescent cases 14.3%, whilst 47.6% were "improved".

MENTAL DEFICIENCY.

Number of known Mentally Defective Persons in the Borough:-

1. Statutory Cases.

Aged 0 - 5 Years	10
Aged 5 - 16 Years	120
Over 16 Years	400
Total	530

2. Education Cases.

Aged 7 -16 Years	120
Combined Total	650

Compared with 1940, the Statutory cases show an increase of 3 and the Educational cases 5.

12 of the cases under Statutory supervision have died. 5 died in an institution, 1 under guardianship, 2 were under observation and 4 were under Statutory supervision.

The Statutory cases are distributed as follows:-

In Certified Institutions	160
In approved Homes	2
On leave from Institutions	7
Under Statutory supervision at Home	240
Under Guardianship	65
In Mental Hospitals	13
Cases under Public Assistance	5
Observation Cases	38
	530

The Education Cases were distributed as follows:-

In Certified Residential Schools	10
In Certified Day Schools	70
In Private Schools	-
Awaiting vacancies at St. Christopher's	40
	120

During the year the Certified Medical Officers made examinations and paid visits to the number of 96 to Statutory cases and 50 to Educational Cases, a total of 146, the same as in 1940. The Mental Deficiency Visitors paid 1332 visits to Statutory cases and 346 Education cases, 2,678 visits in all, an increase of 100 on 1940 figures.

During the year 49 names have been added to the Statutory list, of whom 16 were notified from the Local Education Authority.

During 1941, thirty Statutory cases were dealt with as follows:-

Sent to Certified Institutions	9
Placed under Guardianship	2
Sent to Croydon Mental Hospital	1
Varying Orders.	
(a) Change of Guardian	4
(b) From one Institution to Another	6
(c) From Guardianship to Institution ...	-
Orders closed	1

Thirty nine orders were renewed during the year, 13 of which were guardianships.

The number of cases sent to Certified Institutions shows an increase of 9.

GUARDIANSHIP CASES.

There are 65 cases under Statutory Guardianship, 36 of these under the care of relatives, and 10 with Guardians who are not relatives. 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.

86 Children were examined during 1941. The classifications arrived at, together with recommendations made are summarised as under:-

1. Certified as Mentally Defective.

Recommendations.

(a) recommended for Special Day School	30	
(b) referred to Occupation Centre	10	
or institution.		40

2. Found to be dull and backward.

(a) referred to a special class	16	
(b) further trial in ordinary class	28	
		44

3. Found to be physically defective.

To attend St. Giles School	1	
		1

4. Referred to Child Guidance Clinic	1	
		1
		<u>86.</u>

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 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	408
Number of blind who benefit from instruction in Braille or Moon type (including those who already read)	104
Number of blind who benefit from part-time instruction.	49
Number in remunerative handicrafts	
(a) Home worker	41
(b) In workshops	5
(c) St. Dunstan's	7
(d) Workers not included in scheme	16
Home Teacher	1

The Health Visitors paid 502 visits to blind persons during the year.

The following table shows:

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

WELFARE OF THE BLIND - REGISTRATION.

Age period 0 - 1			Age period 1 - 5			Age period 5 - 16			Age period 16 - 21			Age period 21 - 40			Age period 40 - 50			Age period 50 - 65			Age period 65 - 70			Age period 70 & Over			(1) Total of all age groups.		
M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	M	F	T	(2) Age unknown.		
-	-	-	-	-	-	7	2	9	2	2	4	25	27	52	30	22	52	53	58	106	14	35	49	46	87	133	177	228	405
																											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 & 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
22	17	39	8	14	22	11	8	19	13	7	20	13	16	29	30	19	49	20	31	51	19	35	54	20	34	54	6	31	37	16	18	34

	Normal			Mentally Defective			Physically Defective			By Blind Organisations (a)			All others not included in (a) & (b)			(d) Total Employed			(e) Industrial			UNDERGOING TRAINING (f) Secondary			(g) Professional and University			(h) Trained but Unemployed.		
	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
In Schools for the Blind	7	1	-	-	-	-	-	-	-	8	2	10	30	13	43	13	4	17	51	19	70	-	1	1	-	-	-	-	1	1
Other Schools	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Not at School	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

(i) No training but trainable - Nil.

(j) Unemployable - M.120, F.207, T.327.

(k) Total - M.171, F.228, T.399.

OCCUPATIONS OF EMPLOYED BLIND PERSONS.

	Agents, Collectors etc.	Basket Workers	Bedding including Covers & Ottomans Upholster- ing.	Upholsterers & etc.	Boot Repairers	Braille Copyists & Proof Readers.	Brushmakers	Carpenters & Woodworkers	Chairmakers	Clerks & Typists	Coal bag makers	Dealers, Tea agents Managers, Shop keepers.	Firewood workers	Gardeners	Hardware, News- vendors etc.	Home Teachers	Hand Menders	Machine Menders	Labourers	Massage	Mat Makers	Ministers of Religion	Musicians & Music Teachers	Netting Makers	Porters, Packers cleaners	Poultry Farmers	School Teachers	Ships Fender (Zandoff) Makers	Telephone Operators	Amusements	Miscellaneous	Total.
Within Institution for the Blind.	-	2	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	3	-	-	-	1	11
In approved Home Workers Schemes	-	7	-	-	-	2	-	-	5	-	-	-	1	-	-	-	-	10	-	1	2	-	-	-	-	-	-	-	-	14	-	43
Others (not part time workers)	-	2	-	-	-	1	-	-	-	-	-	4	-	-	1	-	-	1	-	1	2	2	1	-	-	1	-	-	1	-	-	17
Total	-	11	1	-	-	2	1	-	5	1	-	4	1	-	1	1	-	12	-	2	4	2	3	-	-	1	3	-	1	14	-	71

(a) Mentally Defective			(b) Physically Defective			(c) Deaf (1) Deaf Mute (11)			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	1	-	3	3	5	13	23

SANITARY CIRCUMSTANCES.

To the Medical Officer of Health.

I beg to submit in accordance with the Sanitary Officers' Order, 1922, a report for the year ending 31st December, 1941, 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 number of houses inspected for housing defects (under Public Health or Housing Acts.)	452
Number of houses inspected under the Housing (Consolidated Regulations) 1925	-
Number of houses inspected under the Rent Restriction Acts	90
Number of houses inspected where zymotic diseases have occurred	121
House drains tested with smoke (primary)	996
House drains tested with smoke (on application)	14
Number of smoke tests during repair	390
Inspection of drainage work during construction	7595
Number of water tests during repair	796
Final tests of drains after repair	127
Final test of drains when completely relaid	56
Length of new drains tested	yards 4755
Inspection of yards, stables and manure pits	598
" passages	303
" public conveniences	733
" pigstyes	426
" tents, vans and similar structures	18
" theatres, cinemas, halls etc.	102
" ponds and ditches	99
" Schools and School lavatories	42
" common lodging houses	30
" houses let in lodgings	101
" premises where offensive trades are conducted	25
" Gipsy encampments, camps etc.	41
" cesspools	22
" pail closets, privies	11
" gathering grounds	85
Food Control - Visits concerning price lists and orders	2921
" visits regarding complaints of shortages	115
" visits regarding complaints of overcharging	302
" Miscellaneous visits and retail licence applications	3989
A.R.P. Inspections concerning measures for protection against gas contamination	143
" Miscellaneous inspections and reinspections after air raids	2678
" air raids	205
" Inspections of posts and centres	7433
" Inspection of damaged houses	1652
" Inspection of damaged food shops	18
Smoke Observations	1041
Number of visits re infectious diseases	1494
Inspections of Shops (under Shops Acts)	237
Special Early Closing Patrols	30
Sunday Patrols	9
Special evening patrols under Shop hours Act	1
Inspections under Fertilisers and Feeding Stuffs Act	48
" Pharmacy and Poisons Act	143
" Dairies	113
" Farms and Cowsheds	

Inspections Milkshops	129
" Premises where food is prepared or sold	6342
" Slaughterhouses	39
" Factories with mechanical power	833
" Factories without mechanical power	309
" Workplaces, Public Health Act	427
" Outworkers premises	198
Visits re Young Persons Employment Act	113
Water samples examined	80
Visits to Employers of Outworkers	24
Reinspections of work in progress	12741
Sundry inspections and visits	5177
Appointments kept with Owners, builders etc.	2158
Complaints from public investigated	4742
(for purposes other than inspection of house)	
Examination of building plans	30
Informal notices outstanding 31.12.40.	1025
Informal notices served	3095
Informal notices complied	3497
Number of Informal notices referred for Statutory Orders	189
Informal notices outstanding	444
Statutory notices outstanding 31.12.40.	221
Statutory notices served	368
Statutory notices complied	470
Total number of complaints received	2173
Interviews with callers	1873
Letters received	3133
Letters and other intimations, etc., sent (not including notices)	3732
Nuisances, Infringements of Acts, Byelaws, Regulations or Orders, ascertained by the Sanitary Inspectors during the year 1941 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	212
Want of windows or ventilators	2
Conditions causing dampness.	
Defective roofs	361
Defective walls, etc.	135
Want of proper damp proof course	25
Defective gutters and downspouts	202
Other structural defects.	
Defective plaster	225
Cleansing and limewashing required	168
Defective floors	72
Insufficient ventilation under floor	2
Defective brickwork, cills, lintels, etc.	52
Defective stoves and fireplaces	92
Defective drains, sanitary fittings, etc.	
Defective sinks and waste pipes	98
Abolition of drinking water cisterns	2
Defective w.c.'s.	498
Defective drainage	468
Stoppage in drains	173
Domestic nuisances.	
Want of cleanliness	14
Dirty w.c. pans	3

<u>Other nuisances and infringements.</u>	
Offensive accumulations	90
Insufficient accommodation for sub-tenants	-
Defective manure receptacles	4
Want of manure receptacles	3
Dirty or defective sanitary conveniences	34
Smoke nuisances	2
Sundry nuisances or defects	115
Limewashing of stables	1
Particulars not inserted in Rent Book (Housing Act)	28
" " " " " (Rent restriction Act).	55
 <u>2. Factories and Workplaces.</u>	
Want of cleanliness	12
Inadequate ventilation	3
Insufficient drainage of floors	1
Overcrowding	-
Abstract not exhibited	17
Thermometers required	9
Unreasonable temperature	4
Notices re maximum number required	2
Outworkers registers required	2
Sundry nuisances or defects	45
 W.C.'s.	
Insufficient	5
Unsuitable or defective	155
Not separate for sexes	3
 <u>3. Infringements of Croydon Corporation Act, 1924.</u>	
Food cupboards defective or required	53
Dustbins required	232
Vermineous conditions	79
 <u>4. Infringements of Public Health Act, 1925. (S72-75)</u>	
<u>Infringements of Food Bye-laws, and Food and Drugs Act, 1938.</u>	
Cleansing or repair of walls and ceilings	52
Cleansing or repairs of floors, utensils, fixtures, etc.	59
Dirty or defective W.C. accommodation	36
Food storage accommodation required	4
Animals kept in food store	3
Refuse bins uncovered	1
Accumulation in food store and yards adjacent	63
Food in uncovered vehicles or baskets	1
Food improperly kept or manufactured	3
Premises not suitable for storage or manufacture of food	6
Want of provision of towels	6
Provision of cloakroom accommodation	6
Want of intervening ventilation space to W.C.	4
Insufficient or defective sink accommodation	-
and water supply.....	6
Drain inlet in Food Store	2
Ventilation required in food store	1
Household washing in food store	3
Swill bins defective	1
Food stored in intervening ventilated space of W.C.	3
 <u>5. Infringements of Public Health Act, Paving, Etc.</u>	
Defective Yard Paving	68

6. Infringement of Shops Act.

Insufficient lighting to W.C.	2
Insufficient or defective W.C. accommodation	50
Reasonable temperature required	7
Provision of means of heating	10
Unsuitable or insufficient washing facilities	2
Insufficient accommodation for assistants' meals	1
Seating accommodation required for females	-
Infringement in hours of employment	15

7. Infringements of Common Lodging Byelaws8. Infringement of Houses let in Lodgings Bvelows

Defective windows and sashcords	2
Want of artificial lighting to common staircase	1
Cleansing required	3
Provision of Balusters to stairs	1
Defective W.C. floors	1
Defective W.C. windows	1

9. Infringement of Offensive Trade Byelaws

Fishfrying premises	-
Limewashing required	1

Other premises.

Dirty or defective W.C. accommodation	1
Cleansing and whitewashing required	2
Offal bins required	1
Carrying on rug trade without licence	1

10. Inspection of emigration houses.

Defective Sanitary fittings	2
W.C. defective and dirty	16
Notices to be fixed to door of laboratories	5
Dressing room floors defective	1

11. Keeping of animals.

Nuisances in connection with the keeping of pigs	11
Nuisances arising from the keeping of other animals	13

12. Inspection of watercourses, etc.

Cleansing of watercourses and ponds	2
---	---

13. Infringements of Pharmacy and Poisons etc., Act.

Article not labelled with accordance with the Act 1

14. Infringements of Fertilisers and Feeding Stuffs Act.

Section 1. (1) (11)

15. Infringement of Rat and Mice Destruction Act.

Infestation of rats on premises where food is prepared	
or sold	39
Accumulations of refuse, etc., harbouring rats	25
Structural defects allowing ingress of rats into	
dwelling houses	50
Dilapidated sheds, etc., harbouring rats	24
Rats in business premises	14
Rats in piggeries.	

16.	<u>Infringements of Merchandise Marks Act and Agricultural Produce and Marketing Act.</u>	
	Apples not marked	1
17.	<u>Inspection of School lavatories.</u>	
	Defective sanitary fittings	1
	Dirty W.C.'s.	1
18.	<u>Infringement of other Byelaws.</u>	
	Noisy animals	12
19.	<u>Infringements of Public Health (Meat) Regulations.</u>	
	Meat displayed outside shopfront	1
20.	<u>Infringements of Food and Drugs (Adulteration Act, 1928)</u>	
	Margarine not marked	2
21.	<u>Infringements of Milk and Dairies Regulations, etc.</u>	
	Dirty cowsheds or dairies	1
	Defective sanitary fittings	1
	Defective paving	1
	<u>Sanitary Certificates.</u>	

During 1941 requests were made in connection with 3 houses.

Rent Restriction Acts.

A number of applications were received for certificates as to the condition of repair of the houses concerned. In 12 instances where the Acts applied certificates were granted.

HOUSING.

Individual Unfit Houses.

In the Five Year Plan it was estimated that some 150 individual unfit houses were subject to be dealt with in the Borough. A revised estimate now brings the total to 247. Up to the end of 1941, 216 houses have been approved for demolition and demolition orders had been made, 180 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 94 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 1941 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). 452
 - (b) Number of inspections made for the purpose. 452
 - (2)(a) Number of dwelling houses included under the sub-head (1) above, which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932. -
 - (b) Number of inspections made for the purpose. -
3. Number of houses found to be in a state so dangerous and injurious to health as to be unfit for human habitation. -
4. Number of dwelling houses (exclusive of those referred to under the previous sub-head) found not to be in all respects reasonably fit for human habitation. 420

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.	397
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	114
	2. Number of dwelling houses which were rendered fit after service of formal notices.	
	(a) by owners	201
	(b) by local authority in default of owners	12
	B. Proceedings under Public Health Acts.	
	1. Number of dwelling houses in respect of which notices were served requiring defects to be remedied	5
	2. Number of dwelling houses in which defects were remedied after service of formal notices	
	(a) by owners	4
	(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	1
	2. Number of dwelling houses demolished in pursuance of Demolition Orders.	7
	D. Proceedings under Section 18 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) 1. Number of dwellings overcrowded at the end of the year.
- 2. Number of families dwelling therein.
- 3. Number of persons dwelling therein.
- (b) Number of new cases of overcrowding reported during the year.
- (c) 1. Number of cases of overcrowding relieved during the year.
- 2. Number 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 crowding.

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.

Inspections

Premises.	Inspections.	Number of written notices.	Prosecutions.
<u>Factories.</u> (with mechanical power)	833	95	-
<u>Factories.</u> (without mechanical power)	309	36	-
Other premises under the Act.	427	10	-
Total.	1,569	141	-

Defects found.

Particulars.	Number of Defects Found	Remedied	Referred to H.M. Inspector.	Prosecutions.
Want of cleanliness	12	11	-	-
Overcrowding	-	-	-	-
Unreasonable temperature	4	3	-	-
Inadequate ventilation	3	3	-	-
Ineffective drainage of floors.	1	1	-	-
Thermometers required	9	9	-	-
<u>Sanitary Conveniences.</u>				
Insufficient	5	5	-	-
Unsuitable or defective	155	134	-	-
Not separate for sexes	3	2	-	-

Other Offences

(not including offences relating 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).

66 59

Total. 258 227

Factories

Mechanical 1423
Non-mechanical 713

Other premises under the Act.

Employers of outworkers. 40

Bakehouses.

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

Number of Bakehouses on Register, 31st December, 1941.	87
Number of Bakehouses (underground) (included in above)	4
Visits made to bakehouses during the year	175
Defects found	21
Notices issued and complied with	18

Home Work.

Lists of home workers are sent in twice yearly, and last year contained the names of 153 workers residing within the Borough, 198 visits were paid to outworkers and 24 visits were paid to premises of employers of outworkers to examine lists and for other purposes.

Nature of employment of workers on the Register, 31st December, 1941.

Nature of work.	Number employed	Outwork in infected premises	Outwork in unsatisfactory premises	Remarks
Making clean, altering and repairing, wearing apparel.	82	-	-	-
Upholstery work	6	-	-	-
Lace goods	4	-	-	-
Other classes of work	61	-	-	-
Total.	153	-	-	-

Registered and licenced premises in the Borough, 31st December, 1941.

Slaughterhouses (not including Public)	3
Bakehouses	87
Common Lodging Houses	2
Houses let in lodgings	66
Dairies and Milkshops	234
Cowsheds	6
Offensive Trades	27
Wholesale dealers in Margarine etc.	37
Premises registered under Artificial Cream Act, 1929.	-
Premises registered for preparation or Manufacture of potted, pressed, pickled or preserved meat, fish or other food intended for the purpose of sale for human food.	141
Premises registered for preparation or sale of ice cream.	316

Inspection of Offices - Public Health Act.

During 1941, 79 inspections of offices were carried out. This is a new branch of the work necessitated by the Public Health Act. A number of defects were found, including lack of sanitary accommodation for the sexes, cleansing of sanitary arrangements, redecorations required.

Shop Acts.

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

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

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

The Young Persons Employment Act, 1938, 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.

1,770 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 situated at Pitlake, and contains 101 cubicle beds for nightly letting to lodgers. In addition there are three cubicles allotted to members of the Municipal Lodging House staff, making a total of 104 cubicles on the premises. The charge per night to lodgers is 1s. 0d., the cost of a weekly ticket is 6s. 0d., for 7 nights.

The number of men accommodated during the year was 22,175. The number of men lodgers exceeded 60 per night throughout the year. The receipts and expenditure for the last ten years are as follows:-

	<u>Receipts.</u>	<u>Expenditure.</u>
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.	1349. 7. 2.
1938	1253. 2. 0.	1530. 6. 5.
1939	1284. 3. 4.	1269. 0. 4.
1940	1178. 11. 10.	1059. 10. 0.
1941	1048. 0. 0.	1271. 0. 0.

2. Private Common Lodging Houses.

There are 2 common lodging houses on the register.
During 1941, 30 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:-

<u>Premises.</u>	<u>No. of rooms.</u>	<u>Accommodation.</u>
11 & 12, Princess Road.	10	33 men and women.

Houses let in Lodgings.

There are 66 houses registered under the Byelaws.

- 101 visits were made for inspection purposes.
- 3 notices were served for various amendments.
- 3 notices were complied with.

The following table gives the situation of these premises.

<u>Road</u>	<u>Number of houses let in lodgings.</u>	<u>Road</u>	<u>Number of houses let in lodgings.</u>
Baulah Grove	1	Derby Road	2
Princess Road	1	Belgrave Road	2
Queens Road, Croydon.	2	Pawsons Road	1
Ely Road	5	Windmill Road	4
Forster Road	8	Heathfield Road	1
Wilford Road	16	St. Peter's Road	2
Nursery Road	1	Alexandra Road	1
St. James' Road	1	Whitchorse Road	2
Lodge Road	1	Grange Road	1
Tanworth Road	2	Solhurst Road	1
Bert Road	1	Wollesley Road	1
Bensham Manor Road	1	South Norwood Hill	1
Clyde Road	4	Sydenham Road	1
Canning Road	2		

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.

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

The following are on the register:-

Rag and Bone Dealers	24
Gut Scrapers	2
Rabbit Skin Drier	1
	<hr/>
	27
	<hr/>

Rag Flock, Acts, 1911 and 1928.

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

Number 1 contained	1 part of Chlorine per 100,000
" 2	" 1 " " "
" 3	" 4 parts " " "
" 4	" 2 " " "
" 5	" 5 " " "

The five 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 Observation.

During the year 18 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.

102 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.

Amusement Houses (continued).

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

Keeping of Animals.

439 inspections were made in connection with the keeping of animals. There were 47 premises including institutions, where pigs were known to be kept in the Borough.

11 notices were served to abate nuisances arising from various causes in connection with the keeping of pigs and 13 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 12 instances and the nuisance was abated.

Schools.

42 inspections of schools and school lavatories were made during 1941.

The water supply in all cases is from the mains.

Inspection of Watercourses, Etc.

During the year 99 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 11 of this Act was 11, and application was made and granted for entry into the list of names of 6 deputies. In addition, 243 applications were made for the retention of names on the list for a further period of twelve months.

One infringement of the Act was found.

Fertilisers and Feeding Stuffs Act, 1926.

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

Disinfection.

The Borough Disinfecting station is situated at Factory Lane.

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

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

Disinfection (continued)

The following articles were disinfected at the disinfecting station during the year:-

By Steam	60,273 articles.
By Formalin gas	2,586 "
By Formalin Spray	2,365 "

	65,224
	=====

In addition 218 articles were destroyed on request.

Disinfection after infectious or contagious disease was carried out in:

942 rooms at 733 houses	49 air raid shelters
159 hospital wards.	1 rest centre.
850 hospital clinic and	1 wardens post.
criche rooms.	3 fire stations.
10 vehicles.	1 police station.
1 hut	1 military building.
2012 library and 465 other books	

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 1941, 8373 such articles were disinfected, the receipts for this work amounting to £84. 7. 0d.

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	5941	Bolsters	14
Pillows	265	Quilts	2
Mattresses	862	Rugs	5
Cushions	94	Kit bags	24
Beds	4	Other articles	13

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

A number of notifications were received from contractors who have been employed by the Estates Dept. etc., to carry out cyanide disinfestation of houses. While the process was being carried out the premises were kept under observation by the inspector. At the conclusion a certificate 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 disinfested by means of sulphur and spraying with various types of vermicides.

Number of private houses disinfested by owners
or tenants 79

Cleansing of Verminous Persons Etc.

During the year 19 adults and 90 children were cleansed for verminous conditions and 230 adults and 450 children for scabies.

Rats and Mice Destruction.

Wherever rats are found advice is given to the persons concerned and in the event of no action being taken by the occupier notices are served and followed up. The number of visits made during 1941 was 3065.

Food Supply.

The supervision and inspection of the food supplies is carried out by 18 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 13,587 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.	228
Grocers and Provision Shops	636
Greengrocers and Fruiterers	598
Confectioners, Bakers and Pie Makers	648
Ice-cream Shops	340
Hotel and Restaurant Kitchens and Dining Rooms	359
Butchers	256
Fishmongers (including fried fish shops)	166
Other Food premises	419
Ham and Beef Shops	79
Sweet Manufacturers	12
	<hr/>
	3,791
	<hr/>

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	2,921
Visits regarding complaints of shortages	115
Visits regarding complaints of overcharges, etc.	302
Miscellaneous Visits including visits regarding applications for Retail Licences	3,989
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	7,327
	<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 1941:-

Pitlake.

<u>Cattle</u>	<u>Calves</u>	<u>Sheep</u>	<u>Pigs</u>	<u>Total.</u>
3,856	678	6,414	2,639	13,587

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 1941.

<u>Description</u>	<u>Causes.</u>
45 beef carcasses and offals	General Tuberculosis.
33 beef forequarters	Localised tuberculosis.
4 beef hindquarters	" "
27 beef parts	" "
35 beef offals, complete	Tuberculosis.
367 sets beef lungs	Localised tuberculosis.
172 beef heads	" "
216 beef various offals	" "
14 beef heads	Actinomycosis
1 beef carcass and offal	Peritonitis and Metritis.
13 beef various parts	Inflammatory etc.
554 beef various offals	Inflammatory conditions etc.
4 veal plucks.	Tubercular.
1 veal liver	"
2 veal carcasses	Inflammatory etc.
2 veal livers	" "
4 pig carcasses and offals	General tuberculosis.
1 pig forequarter	Localised tuberculosis.
46 pig heads	" "
20 pig plucks	" "
1 pig offal, complete	Tubercular.
9 pig carcasses and offals	Swine fever.
19 pig carcasses and offals	Inflammatory conditions etc.
14 pig plucks	" " "
57 pig various offals and 11 parts	" " "
5 pig carcasses and offals	Moribund.
6 sheep carcasses and offals	Inflammatory etc.
5 sheep parts	" "
14 sheep plucks	Parasitical etc.
137 sheep various offals	" "

Total Weight: 59,264½ 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.

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

Class of Animal.	Tuber- culosis.	Emaciated and Dropsical.	Inflam- matory conditions.	Perit- onitis & Metritis.	Swine Fever.	Un- sound.	Total carcasses.
Cattle	45	-	-	1	-	-	46
Calves	-	1	1	-	-	-	2
Sheep	-	3	3	-	-	3	9
Pigs	4	1	19	-	9	7	40
	49	5	23	1	9	10	97
<u>Carcasses inspected and condemned.</u>							
	<u>Cattle</u>	<u>Calves</u>	<u>Sheep & Lambs</u>	<u>Pigs</u>			
Number killed	3,856	678	6,414	2,639			
Number inspected	3,856	678	6,414	2,639			
All diseases except tuberculosis. Whole carcasses condemned.	1	2	6	33			
Carcasses of which some part or organ was condemned.	302	2	149	56			
Percentage of the number inspected affected with disease other than tuberculosis.	7.8	0.6	2.4	3.3			
Tuberculosis only. Whole carcasses condemned.	45	-	-	4			
Carcasses of which some part or organ was condemned.	443	5	-	54			
Percentage of the number inspected affected with tuberculosis.	12.6	0.7	-	2.2			

General Food Inspection.

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

Butchers	1,304	Bakers' Premises	175
Fishmongers	206	Confectioners Premises	620
Fried Fish Shops	94	Markets	565
Grocers	1,360	Hawkers carts	
Greengrocers	826	and barrows	131
Poultry and		Hotel and other	
Game Dealers	64	Kitchens etc.	476
Cooked and Prepared		Ice-cream Manufacturers	
Meat Shops	90	and Vendors	66
		General Shops	219
		Other Premises	146

Total ... 6,342.

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 1941.

96	beef parts and trimmings	Unsound.
27	lbs. beef kidneys	"
30	lbs. beef livers	"
985	lbs. beef offals (various)	"
46	lbs. veal parts	"
93	lbs. veal offals (various)	"
345	lbs. mutton parts	"
3	mutton carcasses	"
1542	lbs. mutton offals (various)	"
3	pork carcasses	"
245	lbs. pigs offals (various)	"
87	lbs. pork parts	"
274	lbs. bacon and ham	"
456	lbs. haddock, cod etc.	"
2174	lbs. rabbits	"
1486	tins etc. peas, plums, pineapple etc.	"
492	tins sardines, herrings etc.	"
1657	tins milk	"
115	packets cereals, flour, etc.	"
625	lbs. potatoes, apples, etc.	"
396	lbs. jam	"
713	lbs. brawn, veal loaf, bacon roll, etc	"
4026	eggs	"
59	lbs. butter	"

Total weight ... 19,328½ lbs.

General Summary of Meat and other articles disposed of during the year 1941.

<u>Articles</u>	<u>Weight in lbs.</u>			<u>Remarks.</u>
	<u>Diseased</u>	<u>Unsound</u>	<u>Total.</u>	
Beef.	27,681	4,421½	32,102½	Including 46 carcasses.
Veal.	56	97½	153½	" 2 "
Mutton.	437½	350	787½	" 9 "
Pork.	2,476	1,053½	3,529½	" 40 "
Offal.	29,759½	1,453½	31,213	" imported offal.
Fish.	-	455½	455½	Haddock, cod, etc.
Fruit.	-	586	586	Potatoes, apples, etc.
Tinned Goods.	-	5,752½	5,752½	3,488 tins, 147 jars, etc.
Sundries.	-	4,012½	4,012½	Rabbits, jam, etc.
	60,410	18,183½	78,593½	

Disposal of Condemned Foodstuffs.

1. Government Slaughterhouse, Pitlake.) Condemned foodstuff is dealt with by the Ministry of Food.
2. Government Meat Depot.)
3. General Food inspection. Articles of food which have been damaged through enemy air raids are dealt with through the Salvage Officer, Ministry of Food. Any other condemned foodstuffs which can be safely converted to any other purpose are dealt with by firms specialising in this work.

Milk.

Enquiries show that approximately 13,398 gallons of milk are sold daily in the Borough. Of this amount 95.5% is bottled, 4% is loose, which is sold wholesale, and the remaining small portion is retailed as loose milk. These figures are interesting in view of the fact that fourteen years ago the whole of the milk sold was distributed loose. The sale of this type of milk, whether in shops or on rounds is discouraged.

Milk and Dairies (Consolidation) Act, 1915. The Milk and Dairies Amendment Act, 1922. The Milk and Dairies Orders, 1926, and The Food and Drugs Act, 1938.

Cowkeepers, Dairymen and Purveyors of Milk.

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

Cowkeepers on register (1940)	8
" added to the register 1941.	-
" discontinued	2
Net.	6
<hr/>	
Cowsheds on register 1940	13
" added to register 1941	-
" discontinued	7
Net.	6
<hr/>	
Number of cows provided for	143
Average number of cows in sheds 1941.	121
Number of dairies and purveyors of milk on the register 1940	267
Number of dairies and purveyors of milk added to register 1941	2
Number of dairies and purveyors of milk discontinued 1941	35
Net.	234
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Grand total of cowsheds, dairies and purveyors of milk on register 31st December, 1941.	240

During the year 385 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"	6
2. Dealers' Licences to use the designation "Tuberculin Tested"	-
(a) Bottling establishments	-
(b) Shops.	15
3. Dealers' Licences to use the designation "Accredited"	-
(a) Bottling establishments	-
(b) Shops.	1
4. Dealers' Licences to use the designation "Pastourised"	-
(a) Pastourizing establishments	2
(b) Shops.	46
5. Dealers' Supplementary Licences to use the designation:-	-
(a) Tuberculin-Tested	2
(b) Accredited	-
(c) Pastourised	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

Licensed country producers supplying milk
to licensed local dairymen -

Accredited Milk

Licensed local producers supplying milk
to a licensed dairyman. -

Pasteurised Milk

Samples from licensed dealers. 177

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

Accredited.

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 ex- ceeding a trace.	Satisfied.	Not Satisfied.
Tubercle bacillus	-	9	-	9	-	9	-	9	-	-	-	-
Bacillus Coli	-	-	-	-	-	-	-	-	-	-	-	-
Blood	-	-	-	-	-	9	-	-	-	-	-	-
Pus	-	-	-	-	-	-	-	9	-	-	-	-
Detritus	-	-	-	-	-	-	-	-	-	9	-	-
Methylene Blue Test	-	-	-	-	-	-	-	-	-	-	4	5
	-	9	-	9	-	9	-	9	-	9	4	5

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

Pasteurised Milk.

(Licences granted under the milk
(Specialised Designations) Order 1936)

	Present	Absent	Over 100,000 per M.l.	Under 100,000 per M.l.	Present	Absent	Present	Absent	Present	Absent
Tubercle bacillus.	-	177	-	-	-	-	-	-	-	-
Total number of bacteria	-	-	43	134	-	-	-	-	-	-
Blood	-	-	-	-	-	177	-	-	-	-
Pus	-	-	-	-	-	-	-	177	-	-
Detritus	-	-	-	-	-	-	-	-	-	177
	-	177	43	134	-	177	-	177	-	177

These 177 Pasteurised Milk samples contain bacteria per M.l. as follows:-

Under 1,000	6
1,000 - 5,000	18
5,000 - 10,000	24
10,000 - 20,000	26
20,000 - 30,000	18
30,000 - 50,000	19
50,000 - 100,000	24
Over 100,000	42
	<hr/>
	177
	<hr/>

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

Provision as to Milk Supply.

During the year 152 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	12
Samples in course of delivery from country cowsheds to local dairymen and purveyors of milk in the Borough.	11
Samples taken at dairymen's premises in the Borough.	41
Samples taken in course of delivery by local dairymen or milk sellers on their rounds in different parts of the Borough.	88
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	152
	<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 - 31st December, 1941.

	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	151	-	-	-	-	-	-	-	-	-	-
Total number of bacteria	-	-	51	101	-	-	-	-	-	-	-	-
Blood	-	-	-	-	-	152	-	-	-	-	-	-
Pus	-	-	-	-	-	-	152	-	-	-	-	-
Detritus	-	-	-	-	-	-	-	-	-	152	-	-
Methylene Blue Test	-	-	-	-	-	-	-	-	-	-	120	32
	1	151	51	101	-	152	-	152	-	152	120	32

The 152 samples taken under the Milk and Dairies (Consolidation) Act, 1915, were samples of milk which had been produced in the following areas:-

	<u>Number obtained</u>	<u>Number tuberculosis.</u>
Croydon	13	-
Kent	5	-
Surrey	-	-
Sussex	6	1
X Unclassified	127	-

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 1941.

FOOD AND DRUGS ACT, 1938.

During the year 314 samples of milk and 507 other samples were taken.

SUMMARY OF SAMPLES

During 1941 samples were obtained and submitted to the Public Analyst as follows:-

Samples of	Total Samples	Genuine	Not Genuine	Prosecutions	Convictions	Cautions
Milk	314	287	27	1	1	19
Anchovy Paste	1	1	-	-	-	-
Arrowroot	5	5	-	-	-	-
Asparagus	1	1	-	-	-	-
Aspirin Tablets	10	10	-	-	-	-
Baking Powder	14	14	-	-	-	-
Baked Beans	3	3	-	-	-	-
Beef Sausage	19	19	-	-	-	-
Beef Sausage Meat	2	2	-	-	-	-
Bitter Beer	3	3	-	-	-	-
Black Puddings	4	4	-	-	-	-
Bloater Paste	8	8	-	-	-	-
Boiled Sweets	6	6	-	-	-	-
Boracic Ointment	4	4	-	-	-	-
Brawn	5	3	2	-	-	-
Bread	12	12	-	-	-	-
Breakfast Sausage	3	3	-	-	-	-
Bun Flour	9	9	-	-	-	-
Butter	1	1	-	-	-	-
Blanchmange	2	2	-	-	-	-
Castor Oil	9	9	-	-	-	-
Chicken and Tongue	2	2	-	-	-	-
Chicken and Ham Roll	2	2	-	-	-	-
Chicken and Ham Paste	2	2	-	-	-	-
Cooked Haricot Beans	2	2	-	-	-	-
Cocoa	16	16	-	-	-	-
Cod Liver Oil	3	3	-	-	-	-
Coffee and Chicory	17	17	-	-	-	-
Cinnamon	1	1	-	-	-	-
Coffee	6	6	-	-	-	-
Coffee and Chicory Essence	6	6	-	-	-	-
Comp. Licorice Powder	1	1	-	-	-	-
Confection of Senna	2	2	-	-	-	-
Corn Flour	6	6	-	-	-	-
Crab and Lobster Paste	1	1	-	-	-	-
Corned Mutton	1	1	-	-	-	-
Cake Flour	6	6	-	-	-	-
Cream of Tartar	3	3	-	-	-	-
Custard Powder	13	13	-	-	-	-
Camphorated Oil	1	1	-	-	-	-
Cheese	1	1	-	-	-	-
Dried Carrots	1	1	-	-	-	-
Dripping	1	1	-	-	-	-
Dry Ginger Ale	2	2	-	-	-	-
Egg Substitute Powder	10	10	-	-	-	-
Carried forward	541	512	29	1	1	19

Samples of	Total Samples	Genuine	Not Genuine	Prose- cutions	Convict- ions	Cautions
Brought forward	541	512	29	1	1	19
Faggots	1	1	-	-	-	-
Fish Cakes	4	4	-	-	-	-
Fish Roll	1	1	-	-	-	-
Fish Paste	9	9	-	-	-	-
Flour	6	6	-	-	-	-
Ginger Beer	6	6	-	-	-	-
Ginger Wine	5	5	-	-	-	-
Glucose Syrup	1	1	-	-	-	-
Gin	4	3	1	-	-	-
Glycerine	1	1	-	-	-	-
Ground Almonds	2	2	-	-	-	-
Ground Cinnamon	6	6	-	-	-	-
Ground Ginger	2	2	-	-	-	-
Ground Nutmeg	4	4	-	-	-	-
Ground Rice	8	8	-	-	-	-
Honey	1	1	-	-	-	-
Jam	1	1	-	-	-	-
Lard	1	1	-	-	-	-
Luncheon Meat	3	3	-	-	-	-
Lemonade	14	14	-	-	-	-
Lemon Cheese	1	1	-	-	-	-
Lemon Powder	1	1	-	-	-	-
Lemon Juice	1	-	1	-	-	-
Lemon Curd	2	2	-	-	-	-
Lemon Squash	4	4	-	-	-	-
Liver Sausage	2	2	-	-	-	-
Luncheon Sausage	9	9	-	-	-	-
Luncheon Galantine	2	2	-	-	-	-
Meat Paste	6	6	-	-	-	-
Meat Pies	2	2	-	-	-	-
Meat Roll	5	5	-	-	-	-
Mild Beer	6	6	-	-	-	-
Malted Milk, Cocoa & Eggs	2	1	1	-	-	-
Marmalade	1	1	-	-	-	-
Mint Sauce	2	2	-	-	-	-
Mustard	7	7	-	-	-	-
Mixed Spice	7	7	-	-	-	-
Oatmeal	5	5	-	-	-	-
Olive Oil	1	1	-	-	-	-
Orange Squash	1	1	-	-	-	-
Orange Champagne	1	1	-	-	-	-
Ox Tail Soup	1	1	-	-	-	-
Pearl Barley	8	8	-	-	-	-
Prepared Meal	3	3	-	-	-	-
Pepper	5	5	-	-	-	-
Piccalilli	3	3	-	-	-	-
Picnic Roll	1	-	1	-	-	-
Pickles	4	4	-	-	-	-
Plain Flour	1	1	-	-	-	-
Pork Sausages	10	10	-	-	-	-
Pork Polonies	1	1	-	-	-	-
Pork Pie	1	1	-	-	-	-
Pork Roll	1	-	1	1	1	-
Roast Pork	1	1	-	-	-	-
Raisin Wine	1	1	-	-	-	-
Rice	5	5	-	-	-	-
Spaghetti	1	1	-	-	-	-
Salmon and Shrimp Paste	5	5	-	-	-	-
Soup Powder	10	10	-	-	-	-
Sago	8	8	-	-	-	-
Salad Oil	1	1	-	-	-	-
Self Raising Flour	3	3	-	-	-	-
Sponge Mixture	9	9	-	-	-	-
Carried forward	772	738	34	2	2	19

Samples of	Total Samples	Genuine	Not Genuine	Prosecutions	Convictions	Cautions.
Brought forward	772	738	34	2	2	19
Sultanas	2	2	-	-	-	-
Shredded Beef Suet	1	1	-	-	-	-
Steak and Kidney Pie	1	1	-	-	-	-
Shredded Beef	1	1	-	-	-	-
Steamed Pudding	1	1	-	-	-	-
Sweetened Mustard Powder	1	1	-	-	-	-
Table Jellies	3	3	-	-	-	-
Tapioca	5	5	-	-	-	-
Tea	1	1	-	-	-	-
Tinned Vegetables	6	6	-	-	-	-
Tinned Beans	6	6	-	-	-	-
Tinned Soup	6	6	-	-	-	-
Tinned Peas	5	5	-	-	-	-
Tinned Carrots	2	2	-	-	-	-
Tincture of Iodine	1	1	-	-	-	-
Vegetable Brown	1	1	-	-	-	-
Vinegar (non-brewed)	1	-	1	-	-	1
Whiskey	5	5	-	-	-	-
	821	786	35	2	2	20

Result of analysis of New Milk Samples.

Solids not Fat. (Legal standard is 8.5%)

5.36	5.64	5.97	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2
1	1	1	3	4	11	22	70	72	70	42	14	2	1

Milk Fat (Legal standard is 3%)

2.32	2.51	2.7	2.80	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	4.0
1	1	1	1	1	20	36	59	53	51	31	26	8	11

4.1	4.2	4.3	4.4	4.5	4.6
6	2	1	1	1	1

Total samples of new milk 314.

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

Country milk in course of delivery	4
On milk rounds	150
"Appeal to cow" samples	-
At shops	149
Taken at Institutions	7
Taken at Farms	4
Other samples	-
	<hr/> 314 <hr/>

Average composition of new milk samples.

Solids not fat	8.78%
Milk fat	3.54%

Percentage of new milk samples below legal standard 8.1%.

Adulterated samples.

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

Number	Sample	Adulteration or Deficiency.	Remarks.
206	Milk	3% added water	Warning given.
229	Milk	1% -do-	-do-
256	Malted milk Cocoa with eggs.	24% added sugar	This label was used for a considerable number of years by one of the large cocoa manufacturers and I am informed by them that no exception had ever been taken to it. I discussed the matter with their chief chemist who took an opinion and they agreed to alter the label to "Malted Milk Cocoa with Eggs - Sweetened!"
263	Milk	3% added water	Warning given. Further samples taken proved genuine.
265	Milk	2% added water	-do-
266	Milk	1% added water	-do-
267	Milk	1% added water	-do-
370	Fancy Quality Roast Pork.	Containing Meat (including fat) 13% Cereal filler, wheat, calculated as bread with 40% moisture, 64% Additional water 22%	Fined £2.0.0. Costs £3.3.0.
392	Milk	7% deficient in milk fat	Further samples taken proved genuine.
413	Lemon Juice	Lemon juice diluted with not less than an equal volume of water and sweetened with sugar.	I took this matter up with the vendors, one of the large milk combines, who informed me that this was labelled "lemon juice" inadvertently and should have been "lemon squash". The price asked for the article would confirm that it was not lemon juice.
426	Milk	Small percentage added water	Warning given.
431	Milk	7% deficient in milk fat	-do-
461	Milk	Small percentage added water	-do-
506	Milk	-do-	-do-
527	Picnic Roll	Boric Acid 0.03%	Vendors informed me that they admitted a small percentage of boric acid which was accounted for by the fact that they were using as one of the ingredients of the rolls American pork backs, bellies and shoulders containing borax, imported by Ministry of Food under "lease and lend" agreement, and that they are authorised to use the material for manufacturing purposes by the Manufactured Meats Section of the Ministry of Food. Although every endeavour is made to keep the borax down to a minimum by washing it is impossible to remove it entirely. No boric acid or borax is added during manufacture.

Number	Sample	Adulteration of Deficiency.	Remarks.
686	Milk	1% added water	Warning given.
808	Milk	-do-	-do-
819	Non-brewed Vinegar	Deficient by 0.8 gms. acetic acid per 100 c.c.	-do-
1058	Milk	36% added water	These were milks delivered to a dairyman in the borough from a farm in East Sussex. It eventually transpired that a cowman had added water to the milk before it was despatched from the farm. Proceedings were taken by the East Sussex Authority and penalties obtained against the cowman amounting to £10.10.0.
1059	Milk	33% added water	
1060	Milk	29% added water	
1061	Milk	32% added water	
1447	Milk	1% added water	Warning given.
1448	Milk	1% added water	-do-
1450	Milk	2% added water	-do-
1477	Brawn	Boric Acid 0.08%	It was ascertained that the use of imported pork was the reason for the boric acid being found in the brawn.
1542	Brawn	Boric Acid 0.09%	-do-
1691	Milk	6% deficient in milk fat	Further sample proved genuine.
1696	Milk	1% added water	Warning given.
1726	Milk	1% deficient in milk solids other than milk fat.	-do-
1729	Milk	5% added water	Warning given. Further sample proved genuine.
1737	Milk	1% deficient in milk solids other than milk fat.	This was taken from a large dairy company who informed me that they had discovered themselves a drop in the non-fatty solids when the milk got out on the round. As much of it was withdrawn as was possible but some of it was inadvertently issued. It was due to a crack developing in one of the plates of the pasteurising machine "breathing" in hot water during the fall of the pressure on the milk side which occurs at the break between holders. This would appear to be the cause and further samples were taken which proved to be genuine.
1738	Milk	15% deficient in milk fat	This milk came from a farm and I investigated the matter. Samples were taken of all the cows concerned with the result that certain cows were found giving milk which was deficient in milk fat. They were removed from the herd. Further samples taken were genuine.

Number	Sample	Adulteration of Deficiency.	Remarks.
1739 1798	Milk Gin	1% added water Excess water 2%	Warning given. This would appear to be a genuine mistake admitted by the licensee that he had some difficulty in reading his instruments in breaking down the spirits. This explanation was accepted.

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.