

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

Contributors

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BOROUGH OF RICHMOND
(SURREY).



ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH
1940.

RICHMOND :
J. H. BROAD AND CO., LTD.,
PRINTERS,
8, KING STREET.



BOROUGH OF RICHMOND

(SURREY).

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

1940.

RICHMOND :

J. H. BROAD AND CO., LTD.,

PRINTERS,

8, KING STREET,

PUBLIC HEALTH DEPARTMENT,
PARKSHOT,
RICHMOND, SURREY.

July, 1941.

TO THE MAYOR, ALDERMEN AND COUNCILLORS
OF THE BOROUGH OF RICHMOND (SURREY).

Ladies and Gentlemen,

I have the honour to submit my Annual Report on the Health and Sanitary condition of the Borough for the year ended December 31st, 1940.

In view of the necessity for economy in the use of paper, the Ministry of Health suggests that interim reports should be made at this time.

Arrangements are made for the preservation of all records in order that after the War a Report may be made dealing more fully with the period from the beginning of 1939 until the end of the last complete year.

It is interesting to note that in the Public Health Department there are copies of the Annual Reports of the Medical Officer of Health for every year from 1874 to 1939.

As this is my twentieth and last Annual Report, I should like to express my sincere thanks to the Council for their invariable kindness to me over a long period.

I must also thank all my colleagues on the Council's staff, and particularly the members of my own staff, for their great assistance and loyalty.

A great deal of excellent work has been done during the twenty years I have been your Medical Officer, but this has only been accomplished by the willing and earnest co-operation of every member of my staff.

I am, Ladies and Gentlemen,

Your obedient Servant,

C. S. BREBNER,

Medical Officer of Health.

Statistics.

Area (in acres) ...	...	...	4,243
Population (census 1931) ...	...	...	37,791
Population (estimated 1940) ...	...	...	34,690
Number of inhabited houses ...	...	...	9,930
Rateable value ...	...	...	£605,763
Sum represented by a Penny rate		£2,335 5s. 3.97d.	

Summe

Extracts from vital statistics of the Year.

For calculating Birth Rate.

	Total.	M.	F.
Live births (Legitimate) ...	320	181	139
Live births (Illegitimate) ...	42	17	25

For calculating Infant and Maternal mortality.

Live births (Legitimate) ...	318	181	137
Live births (Illegitimate) ...	42	17	25

Birth rate per 1,000 of estimated resident population	...	10.4
Still births ...	Total 10	Males 6 Females 4
Deaths ...	Total 668	Males 300 Females 368
Death rate per 1,000 of estimated resident population	...	19.2
Corrected death rate ...	...	...
Death rate from Puerperal Sepsis and other Puerperal causes	...	2.7

Death rate of Infants under 1 year of age.

All infants per 1,000 live births	...	...	42
Deaths from Cancer (all ages)	...	...	84
„ „ Measles	...	...	2
„ „ Whooping Cough	...	...	Nil.
„ „ Diarrhoea (under 2 years)	...	...	Nil.

Causes of death under 1 year of age.

Cause of Death	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total deaths under 1 year
1. Injury at Birth ...	1	1	..	...	2	...	...	...	...	2
2. Congenital Debility and Malformation including Premature Birth ...	4	1	1	...	6	2	...	...	...	8
3. Asphyxia. Death by Misadventure ...	..	...	...	...	..	1	1	...	...	2
4. Other defined diseases ...	1	...	...	...	1	...	1	...	1	3
	6	2	1	...	9	3	2	...	1	15

BIRTH RATE, DEATH RATE, AND ANALYSIS OF MORTALITY DURING THE YEAR 1940.
(Provisional figures).

(The mortality rates for England and Wales refer to the whole population but for London and the towns to civilians only).

	Rate per 1,000 total population.		Annual Death Rate per 1,000 Population.								Rate per 1,000 Live Births.	
	Live Births.	Still-births.	All Causes.	Typhoid and Paratyphoid Fevers.	Small-pox.	Measles.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Diarrhoea and Enteritis (under two years).	Total Deaths under one year.
England and Wales	14.6	0.55	14.3	0.00	—	0.02	0.00	0.02	0.06	0.32	4.6	55
126 County Boroughs and Great Towns, including London ...	16.0	0.64	15.8	0.09	—	0.02	0.60	0.02	0.07	0.29	5.9	61
148 Smaller Towns (Resident Population 25,000 to 50,000 at 1931 Census)	15.7	0.55	12.8	0.00	—	0.02	0.00	0.02	0.05	0.30	4.4	54
London Administrative County	13.7	0.44	17.8	0.00	—	0.01	0.00	0.00	0.01	0.18	5.8	50
RICHMOND	10.4	0.29	15.9	0.00	—	0.05	0.00	0.00	0.00	0.63	0.00	42

		Puerperal Infection.	Others.	Total.
The maternal mortality rates for England and Wales are as follows	Per 1,000 Total Births	0.52	1.64	2.16
The maternal mortality rates for Richmond are as follows	... Per 1,000 Total Births	0.00	2.70	2.70

DEATHS.				M.	F.
All Causes	...	...	...	300	368
1. Typhoid and Paratyphoid Fevers	...	...	...	—	—
2. Cerebro-spinal Fever	...	...	...	1	2
3. Scarlet Fever	...	...	...	—	—
4. Whooping Cough	...	...	...	—	—
5. Diphtheria	...	...	...	—	—
6. Tuberculosis of respiratory system	...	...	...	13	13
7. Other forms of Tuberculosis	...	...	...	1	1
8. Syphilitic diseases	...	...	...	6	—
9. Influenza	...	...	...	9	13
10. Measles	...	...	...	2	—
11. Acute polio-myelitis and polio-encephalitis	...	...	...	—	—
12. Acute inf : encephalitis	...	...	...	—	—
13. Cancer of b : cav : and oesoph : (M) uterus (F)	...	...	...	4	5
14. Cancer of stomach and duodenum	...	...	...	5	7
15. Cancer of breast	...	...	...	—	12
16. Cancer of all other sites	...	...	...	34	17
17. Diabetes	...	...	...	—	1
18. Intra-cran : vasc : lesions	...	...	...	22	38
19. Heart disease	...	...	...	56	82
20. Other diseases of circulatory system	...	...	...	5	7
21. Bronchitis	...	...	...	17	20
22. Pneumonia	...	...	...	17	15
23. Other respiratory diseases	...	...	...	5	1
24. Ulcer of stomach or duodenum	...	...	...	9	3
25. Diarrhoea (under 2 years)	...	...	...	—	—
26. Appendicitis	...	...	...	—	2
27. Other digestive diseases	...	...	...	3	13
28. Nephritis	...	...	...	5	7
29. Puer. and post-abortion. sepsis	...	...	...	—	—
30. Other maternal causes	...	...	...	—	1
31. Premature birth	...	...	...	4	1
32. Con : mal : birth inj : infant : dis :	...	...	...	4	3
33. Suicide	...	...	...	3	7
34. Road traffic accidents	...	...	...	2	1
35. Other violent causes	...	...	...	36	63
36. All other causes	...	...	...	37	33

Treatment Centres and Clinics.

	Address.		By whom provided.
Minor Ailments Clinic ..	Windham Road, Richmond.	For Elementary School Children	Education Committee.
Dental Clinic	Ditto	Ditto.	Ditto.
Do. do.	Ditto		M. and C.W. Committee.
Eye Clinic	Ditto	(1 session per fortnight).	Education Committee.
Ante-Natal Clinic ...	Ditto	(1 session per week).	M. and C.W. Committee.
Diphtheria Immunisation ...	Ditto		Health Committee.
Tonsils and Adenoids ..	Richmond Royal Hospital.		By arrange- ment with Education Committee.
Ringworm (X-rays) ..	Dr. D. B. I. Hallett, 2, Old Palace Terrace, Richmond.	When required.	Education Committee.
Maternity and Child Welfare Treatment	Richmond Royal Hospital.	Once weekly.	By arrange- ment with M. & C. W. Committee.
Tuberculosis Treatment..	38, Sheen Rd., Richmond.	Once weekly.	County Council.

Attendances at Clinics.

Ante-natal.	Number attended.	Total attendances.
	215	619

		Attendances.	
Windham Road	Mothers ...	...	3,506
	Children ...	...	3,536
Trefoil House	Mothers ...	...	841
Petersham	Children ...	...	1,045
Doctor's Consultations	... ..	...	2,039
	Toddlers ...	...	442
Health Visitors' Visits	First visits	Re-visits.	
	325	2,452	

Nursing Homes.

The Surrey County Council have registered seven Nursing Homes.

44, Onslow Road,	General Medical and Maternity
22, Cardigan Road,	" "
25, West Park Road,	" "
86, Mount Ararat Road,	General Medical
19, Grena Road,	" "
18, Mortlake Road,	" "
Beaconsfield, Kew Green,	Maternity only.

All these Homes have been visited during the year.

SANITARY INSPECTION OF THE AREA.

REPORT OF CHIEF SANITARY INSPECTOR.

The figures given below indicate the nature of the work carried out.

In addition, the billeting and rehousing of Foreign War Refugees, evacuees and homeless persons has been carried out by this Department.

In September, an influx of about 1,000 evacuees from the East End of London considerably interfered with the normal routine of the Department, on account of the extra work entailed.

Inspections under the Housing and Public Health Acts.

Total inspections	...	...	...	5,212
Nuisances discovered on 375 of the premises	...	...	...	1,129
Defects abated by the end of the year	...	...	...	987
Work in hand to remedy defects, at the end of the year	...	...	...	26
Outstanding defects at the end of the year	...	...	...	79
Action deferred until after the War	...	...	...	37
Visits paid to ascertain that the defects were being properly remedied	...	...	...	1,346
Inspections made under the Housing Acts	...	...	...	21
Sanitary defects remedied, and improvements made in accordance with the above	...	...	...	240
Unfit underground dwellings, contravening the Housing Regulations, reported during the year	...	...	...	3
Closing Orders made	...	...	...	3
Voluntary Undertakings given	...	...	...	—
Basements made fit voluntarily by owners	...	...	...	—
Closing Orders withdrawn	...	...	...	6
Undertakings withdrawn	...	...	...	13

Shops Acts.

Number of shops on register at the end of the year	...	...	...	776
Special visits made	...	...	...	41
New additions to register	...	...	...	1
Changes of occupancy	...	...	...	5

Factories Act 1937.

FACTORIES ON THE REGISTER AT THE END OF THE YEAR.

Mechanical	...	...	...	106
Non-mechanical	...	...	...	54
Inspections made	...	...	...	26
Written notices served	...	...	...	18
Defects found	...	...	...	105
Defects (a) remedied	...	...	...	81
Defects (b) in abeyance	...	...	...	24

Service of Notices.

Informal Notices Served	...	...	...	278
Statutory or Formal Notices Served	...	...	...	79
Number of dwelling-houses which were rendered fit after service of Formal Notice under the Housing Act—				
(a) By Owners	...	...	...	78
(b) By Local Authority in default of owners				1

Petroleum Acts 1928.

Visits made during the year	...	...	...	81
Licences for which applications for renewal were made during the year				
	...	...	...	58
New licences issued during the year	...	...	...	2
Number of persons licensed to keep Petroleum			...	55

Slaughterhouses.

There is one slaughterhouse in the district, but this is not now in use, as the slaughtering of animals has been centralised, and is carried out under the supervision of Government inspectors.

The nearest slaughterhouse under this scheme is at Kingston.

Diseases of Animals Acts.

FOOT AND MOUTH DISEASE ORDER, 1928 AND FOOT AND MOUTH DISEASE AMENDMENT ORDER, 1938.

During the year, two outbreaks of Foot and Mouth Disease have occurred in the district, one at Manor Farm, Petersham, and the other at Vale Farm, Petersham.

The first outbreak—at Manor Farm—occurred on the 7th of April, and prompt measures were taken to deal with it. On Tuesday the 9th of April, I was informed that 47 head of cattle, 90 pigs and 5 goats, had been slaughtered, and the carcasses of 49 pigs had been salvaged and passed for human food. The remainder of the animals were buried on the farm at a depth of 10', in quicklime. Cleansing and disinfecting operations were then carried out.

On the 27th of April, notification was received of an outbreak of Foot and Mouth Disease at Vale Farm. This was immediately dealt with, and the following morning 2 beasts and 3 calves were sent to the Destructor. Subsequently, a herd of 27 dairy cows, and 1 bull, were slaughtered at the farm and all were passed for human food with the exception of 1, which was sent to the Destructor.

Visits made to meat shops or stores, and other premises where food is prepared or exposed for sale	...	114
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Eradication of Bed Bugs.

Disinfestation methods were applied to the following properties :--

Council Houses	...	...	...	31
Other Houses	...	...	...	21

Disinfection of Premises.

Reason.		Houses.	Rooms.	Bedding disinfected.	
Infectious Fevers	...	30	34	50	
Tuberculosis	...	13	36	15	
Other Diseases	...	10	12	8	
Vermin	...	52	113	14	
Public Shelters Disinfected	...	...	...	...	19
(Comprising 161 compartments)					

Housing Act, 1936.

CONTRAVENTION OF CLOSING ORDER OR WRITTEN UNDERTAKING.

On the 24th of May, 1935 a written undertaking was given by the owner of No. 1a, Duke Street that the premises would be closed and not again occupied. The tenants of the first floor rooms were subsequently rehoused in a Corporation dwelling.

On the 9th of March, 1940, it was found that the rooms were again occupied, and a rental of 30/0d. per week being paid for them. The owner was notified of the contravention, and the matter was reported to the Town Clerk.

On the 26th of April, 1940, a report on the conditions was submitted to the Health Committee and a Closing Order was made by the Council on the 14th of May.

The premises were later vacated, and have not since been occupied.

Complaints.

Number received and dealt with during the year ... 435

(Signed) GEORGE LAWS, F.R. San.I., F.S.I.A.

Chief Sanitary Inspector,
and Officer under the
Housing Acts.

SURREY COUNTY COUNCIL.

SALE OF FOOD AND DRUGS ACTS.

Particulars of samples taken in the Borough of Richmond during the year ended December 31st, 1940 :—

Articles.	Analysed			Adulterated or Deteriorated			Prosecu- tions	Convic- tions.
	Formal	In- formal	Total	Formal	In- formal	Total		
Milk	44	...	44	...	...	...	...	...
Butter .. ..	...	1	1	...	...	...	...	...
Cocoa	1	...	1	...	...	...	...	...
Sausages	6	...	6	...	...	...	...	...
Jam	3	9	12	1	1	2	1	...
Preserved Sausages	2	...	2	...	...	...	...	...
Sultanas	2	...	2	...	...	...	...	...
Raisins	1	...	1	...	...	...	...	...
Totals	59	10	69	1	1	2	1	...

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS
AND OTHER DISEASES.

Notifiable Diseases during the year.

Disease	Total Cases Notified.	Cases Admitted to Hospitals.	Total Deaths.
Smallpox .. ..	...	...	...
Scarlet Fever	17	11	...
Diphtheria	20	20	...
Paratyphoid Fever	1	1	...
Puerperal Pyrexia	4	2	...
Pneumonia	24	11	32 (all forms)
Cerebro-Spinal Fever	9	9	...
Ophthalmia Neonatorum .. ..	...	...	...
Erysipelas	8	2	...
Measles	255	3	2
Whooping Cough	3	1	...
Total	341	60	34

SOUTH MIDDLESEX FEVER HOSPITAL.

ADMISSIONS CLASSIFIED.

Disease.				No. of Patients Admitted from Richmond.
Scarlet Fever	..	...	.	10
Diphtheria	...	...	..	20
Cerebro-Spinal Meningitis	...	...	...	4
Measles	...	...	...	2
Whooping Cough	...	...	...	1
Other Diseases	...	...	...	14
Total	...	...	...	51

DIPHTHERIA IMMUNISATION CLINIC.

Total number of children seen during the year	...	713
Total number of attendances	...	1,639
Total number of children who received primary Schick test	...	61
Total number of children naturally immune	...	16
Percentage of children naturally immune	...	26%
Number of certificates given	...	247
Number of children who required additional injections for complete immunity	...	9
Number re-tested after 2 years	...	61
Number of children who were still immune	...	58
Number of children who required further injections	...	3
Number re-tested after 4 years	...	183
Number of children who were still immune	...	170
Number of children who required further injections	...	6
Total number of certificates given after immunisation.		
(a) Pre-school children	...	103
(b) School children	...	144

As previously mentioned, Bacteriological Examinations for Infectious Disease are carried out by the Pathologist at the Royal Hospital, Richmond.

During the year the number of specimens, etc., sent up for examination was as follows:—

Disease Suspected.	Nature of Specimen.	Result.		Total.
		Positive.	Negative.	
Diphtheria	Swabs from Throat and Nose ...	13	102	115
Tuberculosis	Sputa ...	3	38	41
Typhoid ...	...	—	—	—
Other Diseases	...	—	5	5
	Total	16	145	161

TUBERCULOSIS.

It has not been necessary to take action under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 172 of the Public Health Act, 1936.

RESPIRATORY TUBERCULOSIS (PHTHISIS). Thirty-six cases of this disease were notified during the year (23 males and 13 females). Of these 19 (10 males and 9 females) were removed to Hospital or Sanatorium. There were 45 cases notified in 1939.

There were 26 deaths from this disease during the year.

Non-Respiratory Tuberculosis was responsible for 2 deaths while 5 cases were notified during the year.

Tuberculosis.

Age Periods.	New Cases.				Deaths.			
	Respiratory.		Non-Respiratory.		Respiratory.		Non-Respiratory.	
	M	F	M	F	M	F	M	F
0 ... ..	...	...	...	...	...	...	...	...
1 ... ..	...	...	1	...	...	...	1	...
5	1	...	...	1	...	...	...	...
15	6	5	...	...	2	4	...	1
25	7	2	...	1	3	1	..	...
35	4	1	...	1	3	2	...	...
45	2	3	...	...	3	3	...	...
55	2	1	...	...	1	1	...	...
65 and upwards ...	1	1	...	1	1	2	...	...
Totals	23	13	1	4	13	13	1	1

BOROUGH OF RICHMOND
(SURREY).

Education Committee.

ANNUAL REPORT

OF THE

School Medical Officer

1940.

J. H. BROAD & CO., PRINTERS.

Staff.

School Medical Officer :

C. S. BREBNER, D.S.O., M.D., D.P.H., Barrister-at-Law.

Ophthalmic Surgeon (part time) :

C. LONGWORTH BLAIR, M.R.C.S., L.R.C.P.

Dental Surgeon :

MISS EVELYN RUSSELL, L.D.S., R.C.S. (Eng.).

(part time).

School Nurses :

MISS J. D. LAW, R.R.C. (S.R.N., S.C.M.).

Called for war service, September, 1939.

(Health Visitor's Cert.).

MISS E. D. STEUART, (S.R.N., R.F.N., S.C.M.).

(New Health Visitor's Cert.).

MISS N. H. JONES, (S.R.N., S.C.M.).

(New Health Visitor's Cert.).

(Tuberculosis Certificate).

Temporary Staff :

MISS E. M. MORTIMER, (S.R.N., S.C.M.).

(New Health Visitor's Cert.).

Dental Assistant (part time) :

MISS M. D. BANKS. *Called for war service, September, 1939.*

Dental Assistant (temporary staff) :

MISS J. AYLAND.

Clerks :

MISS O. W. PONSFORD (part time). *Resigned July, 1940.*

MISS M. M. O'CONNOR (part time).

Temporary Staff :

MISS L. M. JOHNSON (part time). *Appointed July, 1940.*

BOROUGH OF RICHMOND

(SURREY).

Report on the Medical Inspection and Treatment of Elementary School Children for the year ended December 31st, 1940.

To the Chairman and Members of the Education Committee.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to present my Report on the work of the School Medical Department during the year 1940. It is the twentieth Annual Report as your School Medical Officer.

The Board of Education in a circular in 1939 desired that Reports should be curtailed owing to abnormal conditions and the same request has been made this year. Consequently the report has been cut down but shows that a considerable amount of work was done during the year under review.

A summary of the statistics is as follows:—

Average number of children on the registers during	
1940	2,786
Average attendance at Elementary Schools during	
1940	2,366
Number of Routine Medical Inspections	633
Number of attendances at Minor Ailment Clinic	2,325
Number of children obtained glasses after examination by specialists	96
Number of children operated on for Tonsils and Adenoid conditions	39
Number of attendances at Dental Clinic	1,772
Number of children given general anæsthetics (Gas or Ethyl Chloride)	678

I should like to thank the staff of the Department for their excellent and loyal service in a particularly difficult time. Additional duties which meant extra work outside normal hours were cheerfully undertaken. I have also to thank my Colleagues in the Education Office and the Teachers for their kindly co-operation.

I am,

Ladies and Gentlemen,

Your obedient Servant,

C. S. BREBNER.

Medical Inspection. (Table I., page 11).

Medical Inspections were carried out during the year as follows:—

1. Routine Inspections required by the Board of Education.

(a) *Entrants*;

(b) *Intermediates*;

(c) *Leavers*.

2. Other Inspections :

(a) Special children not in the above groups but who are examined, usually at the request of the Head Teacher.

(b) Children seen at the Clinic, sent by Parents, Head Teachers or the School Nurses.

(c) Re-inspections of children previously found with a defect of some kind.

There were 241 entrants examined at the Routine Inspections and 205 parents or guardians attended.

132 children of the intermediate age were inspected and 201 leavers, i.e., children aged 12 years.

There were 59 other Routine Inspections made during the year, so that the total number of children examined was 633 as compared with 784 in 1939.

It was not possible to complete all the Routine Medical Inspections which were due in 1940.

Other inspections include children seen as "specials." These are generally children brought forward by the Head Teachers, or they may be seen by one of the School Nurses and deemed suitable cases for a special examination. 86 of these cases were examined during the year. Included in the Special Inspections in Table I. are the cases seen at the Inspection and Minor Ailment Clinic, so that there is a total of 700 special inspections.

From the table on page 11 it will be seen that re-inspections totalled 815.

While visiting Schools for Routine Inspections, re-inspections

are made of children who have previously been found with defects and also of children who have been placed "under observation."

Parents are also asked to bring children to the Inspection Clinic and advice is given there.

Age Groups Inspected. The Board of Education requires Local Authorities to make provision for the Medical Inspection of all children admitted to school during the year ending March 31st, and of all children between 12 and 13 years of age, together with children over 13 who have not been inspected after reaching the age of 12. An intermediate group, children between 8 and 9 years of age, must also be examined.

The 241 entrants comprised 115 boys and 126 girls.

„ 132 intermediates	„ 47	„ 85	„
„ 201 leavers	„ 47	„ 154	„

The number inspected and re-inspected under the heading "Other Inspections" is 1,515 as compared with 996 in 1939.

Findings at Medical Inspections.

Uncleanliness. The degree of cleanliness of both head and body is noted at the Medical Inspections and only four children were found at these inspections who had to be referred for treatment for verminous or "nitty" heads.

The School Nurses pay periodical visits to the schools for the purpose of inspecting heads, particularly after a holiday period.

During the year under review the average number of visits per school by the Nurses for these cleanliness inspections was 12. The total number of examinations during these inspections was 5,020 as compared with 4,464 in 1939. 243 individual children were found either to be verminous or to have so many nits in their hair that notices had to be sent to the parents.

When children are found to be unclean they are excluded and a notice is sent to the Education Secretary. A warning is sent by him to the parent that if the child is not made clean within 7 days, a prosecution will follow. The children have to attend at the Clinic until they can be certified as being fit to attend school.

Minor Ailments and Diseases of the Skin. (Table IV., page 16). During the year 382 minor ailments were referred for treatment as compared with 432 in 1939.

Children suffering from these minor ailments were either seen at the Routine Inspections or were sent to the Clinic by parents or teachers. The ailments consist of skin diseases, such as Ringworm, Impetigo, Ear diseases and External Eye diseases. The method of dealing with these are referred to later.

During 1940 there were no cases of Ringworm.

Sixteen cases of Scabies were seen during the year as compared with 4 last year.

Visual Defects and External Eye Disease. 24 cases of external eye disease were referred for treatment during the year, all of these being treated at the Clinic. 41 children were referred for treatment for defective vision and squint. 137 children received treatment during the year, 14 of these being cases referred from inspection in 1939.

22 cases were discovered at the routine inspections, and the remaining 115 were sent to the Clinic by parents or teachers owing to evidence of eye strain.

Nose and Throat Defects. (Table IV., continued page 17). 23 children were found to be suffering from enlarged Tonsils, Adenoids, or both defects. 39 received operative treatment; 36 Hospital Vouchers were actually given. Of the 23 children referred for treatment, 19 were operated on at Richmond Royal Hospital. Two cases are awaiting operation.

Dental Defects. (Table V., page 18).

During 1940, children of all age groups, i.e., 4—16, were examined by the School Dentist.

Miss E. Russell, L.D.S., the School Dental Surgeon, examined 2,645 children of all age groups and found 1,733 to require treatment.

Arrangements for Treatment.

Arrangements have been made for the treatment of:—

- (a) *Minor Ailments.*
- (b) *Enlarged tonsils and adenoids.*
- (c) *Defective Vision.*
- (d) *Dental Defects.*
- (e) *Ringworm.*

Minor Ailments. The treatment of these diseases is carried out each morning at the Health Centre. The School Medical Officer is present four mornings a week (including Saturdays) to see new cases and cases requiring supervision.

The dressing of the various cases is carried out by one of the School Nurses.

The number of children who attended the Clinic for actual treatment during the year was 232 (as compared with 313 in 1939), and the total number of defects treated was 382. Also 328 children attended for inspection only, i.e., dirty heads, sore throats, etc. The total number of attendances was 2,325 as compared with 2,037 in 1939.

Tonsils and Adenoids. Arrangements have been made with the Richmond Royal Hospital authorities to undertake the operative treatment of these conditions. The Education Committee pay an agreed sum per operation. Some parents prefer to have treatment by their own doctor, or to go to a London Hospital. In every case the parents are advised to bring the child to the Clinic as soon as possible after the operation, so that they may be advised as to the necessary after-treatment by means of breathing exercises, etc.

Thirty-six vouchers were given for the Royal Hospital for the treatment of these conditions.

External Eye Diseases. 24 cases were seen during the year.

Defective Vision. These cases are treated at a special Eye Clinic which is held at the Health Centre, once a fortnight. Mr. Blair attends on these occasions, and prescribes glasses when necessary. The Committee pay a fee per case seen and Mr. Blair sees all cases twice and sometimes three times.

During the year under review, 123 cases were referred for treatment. In all, 137 cases were treated (14 of these being cases referred from the previous year), and in 96 cases glasses were prescribed. Actually 96 children obtained glasses. Arrangements have been made whereby the glasses can be purchased by the parents from a local optician at a contract rate.

The Education Committee pays the whole or part of the cost of glasses in necessitous cases.

Dental Treatment. During the year 2,645 children were inspected by the Dental Surgeon, and 1,733 were referred for treatment. In addition 266 were referred for treatment from the inspections of the School Medical Officer, or were sent up to the Clinic by Head Teachers, making a total of 1,999 as compared with 1,709 in 1939.

It will be noted that 1,733 children were found to require treatment and 1,448 were actually treated during the year.

A branch of the dental work not mentioned in the Table on page 18 is Treatment for Regulation. The number of cases treated only for Regulation during the year was 106 and 74 were treated partly for Regulation. In the years 1934-40 inclusive 544 children have had dental treatment for Regulation only.

When it is found necessary to extract several teeth, a general anæsthetic is given, either Nitrous Oxide Gas or Ethyl Chloride. A special Dental Clinic is held once a week for this purpose, and the School Medical Officer administers the anæsthetics.

During 1940 I administered anæsthetics to 678 children, as compared with 620 in 1939.

Immunisation of School Children against Diphtheria.

Total number of children seen during the year ...	...	489
Total number of attendances ...	...	1,146
Total number of children who received primary Schick test		60
Total number of children naturally immune ...	...	16
Percentage of children naturally immune ...	...	27%

Number of certificates given	...	...	...	...	144
Number of children who required additional injections for complete immunity	...	...	...	...	8
Number of children re-tested after 2 years	...	...	...	...	55
Number of children who were still immune	...	...	...	...	52
Number of children who required further injections	...	...	...	...	3
Total number of certificates issued at the Clinic since 1934	...	...	...	...	2,123
Number of children re-tested after 4 years	...	...	...	...	181
Number of children who were still immune	...	...	...	...	168
Number of children who required further injections	...	...	...	...	6

Miscellaneous.

Employment of Children. Bye-laws under the Employment of Children Act, 1903, have been adopted by the Education Committee, and children attending school who wish to obtain employment (part-time) must be examined as to their fitness by the School Medical Officer.

Before the examination the Head Teachers concerned are asked to give their views as to the prejudicial effect of the proposed employment on the children's education.

During the year 27 boys have been examined in connection with medical certification as to their fitness for employment.

22 certificates were granted.

Of the 22 children granted certificates, 15 were employed in the delivery of newspapers and 7 as errand boys.

Employment of Children in Entertainments Rules, 1933.

One certificate was granted to a girl under the above Rules.

TABLE I.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Inspections in the prescribed Groups—

Entrants	...	...	...	...	...	241
Second Age Group	132
Third Age Group	201
Total						574

Number of other Routine Inspections	59
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Grand Total	633
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B.—OTHER INSPECTIONS.

Number of Special Inspections	700
Number of Re-Inspections	815

Total	1,515
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C.—CHILDREN FOUND TO REQUIRE TREATMENT.

Number of individual children found at Routine Medical Inspection to require treatment (excluding defects of nutrition, uncleanliness and dental diseases).

Group. (1)	For defective vision (excluding squint) (2)	For all other con- ditions recorded in Table IIa. (3)	Total. (4)
Entrants ...	—	14	14
Second Age Group ...	5	1	6
Third Age Group ...	16	—	16
Total (prescribed Groups)	21	15	36
Other Routine Inspections	1	2	3
Grand Total ...	22	17	39

TABLE II.—A. Return of Defects found by Medical Inspection in the year ended 31st December, 1940.

Defect or Disease.				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
				Requiring Treatment.	Requiring to be kept under observation, but not requiring Treatment.	Requiring Treatment.	Requiring to be kept under observation, but not requiring Treatment.
(1)				(2)	(3)	(4)	(5)
SKIN ...	{	Ringworm	...	—	—	—	—
		Scalp	...	—	—	—	—
		Body	...	—	—	—	—
		Scabies	...	—	—	—	—
		Impetigo	...	—	—	—	—
		Other Diseases (Non-Tuberculous)	...	—	—	—	—
EYE ...	{	Blepharitis	...	—	—	1	1
		Conjunctivitis	...	—	—	—	—
		Keratitis	...	—	—	—	—
		Corneal Opacities	...	—	—	—	—
		Other Conditions (excluding Defective Vision & Squint)	...	1	—	—	—
		Defective Vision (excluding Squint)	...	22	9	19	13
EAR ...	{	Squint	...	—	—	—	—
		Defective Hearing	...	—	2	1	3
		Otitis Media	...	—	4	2	1
NOSE & THROAT	{	Other Ear Diseases	...	—	—	1	—
		Chronic Tonsillitis only	...	4	30	7	25
		Adenoids only	...	4	5	2	2
		Chronic Tonsillitis and Adenoids	...	5	5	1	1
ENLARGED CERVICAL GLANDS (Non-Tuberculous)	{	Other Conditions	...	1	—	—	—
			...	—	1	—	—
DEFECTIVE SPEECH				—	—	—	5
HEART & CIRCULATION	{	Heart Disease :—		—	—	—	—
		Organic	...	—	—	—	1
		Functional	...	—	1	—	7
Anæmia				—	—	—	—

TABLE II.—*continued.*

Defect or Disease. (1)				Routine Inspections.		Special Inspections.	
				No. of Defects.		No. of Defects.	
				Requiring Treatment. (2)	Requiring to be kept under observation, but not requiring Treatment. (3)	Requiring Treatment. (4)	Requiring to be kept under observation, but not requiring Treatment. (5)
LUNGS	Bronchitis ... ..	...	...	—	—	—	—
	Other Non-Tuberculous Diseases ...	...	...	—	—	—	1
TUBER- CULOSIS	Pulmonary : —						
	Definite ... ..	...	...	—	—	—	—
	Suspected ... ..	...	...	—	—	—	—
	Non-Pulmonary : —						
	Glands ... ..	...	...	—	1	—	—
	Bones and Joints ...	...	...	—	—	—	1
NER- VOUS SYSTEM	Skin ... ..	...	...	—	—	—	—
	Other Forms ... ..	...	...	—	—	—	—
	Epilepsy ... ..	...	...	—	—	—	—
DEFORM- ITIES	Chorea ... ..	...	...	—	—	1	—
	Other Conditions ...	...	...	—	—	—	1
	Rickets ... ..	...	...	—	—	—	—
Other Defects and Diseases (excluding defects of nutrition, uncleanliness and dental diseases)...	Spinal Curvature ...	...	...	1	—	—	1
	Other Forms ... ..	...	...	1	1	—	3
Other Defects and Diseases (excluding defects of nutrition, uncleanliness and dental diseases)...				—	2	385	12
TOTAL				39	61	420	78

B. Classification of the Nutrition of Children Inspected during the year in the Routine Age Groups.

Age-groups.		Number of Children Inspected.	A (Excellent)		B (Normal)		C (Slightly subnormal)		D (Bad)	
			No.	%	No.	%	No.	%	No.	%
Entrants ... ..	...	241	14	5.81	216	89.62	11	4.57	—	—
Second Age-group ...	...	132	18	13.64	95	71.97	19	14.39	—	—
Third Age-group ... ..	...	201	45	22.39	149	74.13	7	3.48	—	—
Other Routine Inspections		59	7	11.86	48	81.36	4	6.78	—	—
TOTAL ... ..	...	633	84	13.27	508	80.25	41	6.48	—	—

TABLE III.

Return of all Exceptional Children in the Area.

MENTALLY DEFECTIVE CHILDREN.

FEEBLE MINDED CHILDREN.

At Certified Schools for Mentally Defective Children.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
—	—	—	—	Nil

EPILEPTIC CHILDREN.

CHILDREN SUFFERING FROM SEVERE EPILEPSY.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
—	—	—	—	Nil

I.—CHILDREN SUFFERING FROM PULMONARY TUBERCULOSIS.

(Including pleura and intra thoracic glands).

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
—	1	—	—	1

II.—CHILDREN SUFFERING FROM NON-PULMONARY TUBERCULOSIS.

(This category includes tuberculosis of all sites other than those shown in (I) above).

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
—	3	—	—	3

TABLE III.—*continued.*

B. DELICATE CHILDREN.

This Section is confined to children (except those included in other groups) whose general health renders it desirable that they should be specially selected for admission to an Open Air School.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
—	—	—	—	Nil

C. CRIPPLED CHILDREN.

At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
—	4	—	—	4

CHILDREN SUFFERING FROM MULTIPLE DEFECTS.

Combination of Defect.	At Certified Special Schools.	At Public Elementary Schools.	At other Institutions.	At no School or Institution.	Total.
Epileptic and feeble-minded	—	—	—	—	Nil
Crippled and feeble-minded	—	—	—	—	Nil

TABLE IV.—Return of Defects Treated during the year ended
31st December, 1940.

TREATMENT TABLE.

GROUP I.—MINOR AILMENTS (excluding Uncleanliness).

Disease or Defect.	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme.	Otherwise.	Total.
Skin—			
Ringworm—Scalp—			
(1) X-Ray Treatment—			
If none, indicate by dash ...	—	—	—
(2) Other	—	—	—
Ringworm—Body	—	—	—
Scabies	16	—	16
Impetigo	2	—	2
Other Skin Disease	25	1	26
Minor Eye Defects—			
(external and other)	24	—	24
Minor Ear Defects	13	—	13
Miscellaneous—			
(e.g., minor injuries, bruises, sores, chilblains, &c.)	300	1	301
Total	380	2	382

GROUP 2—DEFECTIVE VISION AND SQUINT (excluding Minor Eye Defects treated as Minor Ailments).

	No. of Defects dealt with.		
	Under the Authority's Scheme.	Otherwise.	Total.
Errors of Refraction (including Squint)	137	Nil	137
Other defect or disease of the eyes (excluding those recorded in Group 1)	—	—	—
Total	137	Nil	137
	Under the Authority's Scheme.	Otherwise.	Total.
No. of Children for whom spectacles were—			
(a) Prescribed	96	Nil	96
(b) Obtained	96	Nil	96

TABLE IV.—*continued.*

GROUP 3—TREATMENT OF DEFECTS OF NOSE AND THROAT.

NUMBER OF DEFECTS.													
RECEIVED OPERATIVE TREATMENT.												Received other forms of Treatment.	Total number treated.
Under the Authority's Scheme, in Clinic or Hospital. (1)				By Private Practitioner or Hospital, apart from Authority's Scheme. (2)				Total. (3)					
(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)	(i)	(ii)	(iii)	(iv)		
4	—	34	—	1	—	—	—	5	—	34	—	—	39

(i) Tonsils only. (ii) Adenoids only. (iii) Tonsils and Adenoids.
(iv) Other defects of the nose and throat.

GROUP 4—ORTHOPÆDIC AND POSTURAL DEFECTS.

Number of children treated.	Under the Authority's Scheme. (1)			Otherwise. (2)			Total number treated.
	Residential treatment with education.	Residential treatment without education.	Non-residential treatment at an orthopædic clinic.	Residential treatment with education.	Residential treatment without education.	Non-residential treatment at an orthopædic clinic.	
	(i)	(ii)	(iii)	(i)	(ii)	(iii)	
	—	—	—	—	—	3	3

TABLE V.—Dental Inspection and Treatment.

(1) Number of Children inspected by the Dentist:—

(a) Routine age-groups—

Age ...	5 and under	6	7	8	9	10	11	12	13	14	Over 14	Total.
Number ...	123	203	252	262	280	295	267	302	308	239	114	2,645

(b) Specials ... 266

(c) TOTAL (Routine and Specials) ... 2,911

(2) Number found to require treatment ... 1,733

(3) Number actually treated ... 1,448

(4) Attendances made by children for treatment ... 1,772

(5) Half-days devoted to { Inspection ... 27 } Total... 237
 { Treatment ... 210 }(6) Fillings... { Permanent Teeth ... 934 } Total ... 1,007
 { Temporary „ ... 73 }(7) Extractions { Permanent Teeth ... 551 } Total ... 2,870
 { Temporary „ ... 2,319 }

(8) Administrations of general anæsthetics for extractions ... 678

(9) Other Operations { Permanent Teeth ... 232 } Total ... 232
 { Temporary „ ... Nil }

TABLE VI.

UNCLEANLINESS AND VERMINOUS CONDITIONS.

Average number of visits per school made during the year by the
School Nurses ... 12Total number of examinations of children in the Schools by School
Nurses ... 5,020

Number of individual children found unclean ... 243

Number of children cleansed under arrangements made by the Local
Education Authority ... Nil

Number of cases in which legal proceedings were taken—

(a) Under the Education Act, 1921 ... Nil

(b) Under School Attendance Byelaws ... Nil



