

**[Report of the Medical Officer of Health for Tottenham].**

**Contributors**

Tottenham (England). Urban District Council.

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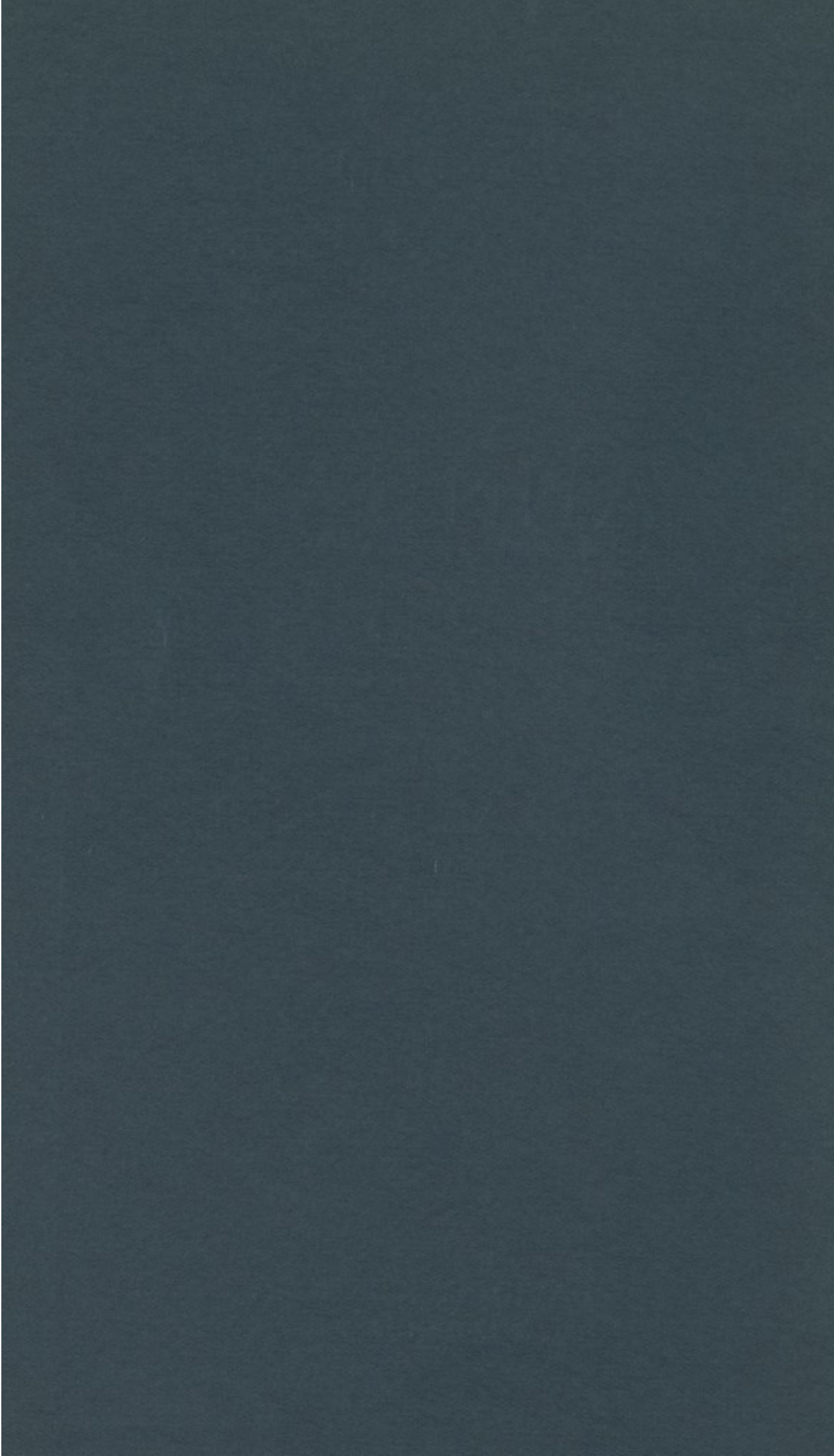
ANNUAL  
REPORT

OF THE  
MEDICAL OFFICER  
OF HEALTH,

FOR THE YEAR  
1923.

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DAVID C. KIRKHOPE.  
M.D., ChM., D.P.H., Barrister-at-Law.



Tottenham Urban District Council.

REPORT  
ON THE  
HEALTH OF  
TOTTENHAM  
for the Year 1923.

HARRINGAY:

GREENWAY & Co., 1 U. Printers, 435, Green Lanes.



## SUMMARY OF STATISTICS FOR 1923.

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Population	...	...	...	154,300
Births	...	...	...	3,093
Birth-rate	...	...	...	20·0 per 1,000 of population.
Deaths	...	...	...	1,408
Death-rate	...	...	...	9·12 per 1,000 of population.
Deaths under 1 year of age...				180
Infant Death-rate	...	...		58·1 per 1,000 births.
Phthisis Death-rate	...	...		0·73 per 1,000 of population.
Rateable Value	...	...		£632,647
Amount Produced by 1d. Rate				£2,440

# Tottenham Urban District Council.

## Health Committee :

*Chairman :*

Mr. COUNCILLOR A. REED.

*Members :*

(*Ex-Officio*) : Mr. COUNCILLOR R. W. CLARK, J.P.

(*Chairman of the Council.*)

(*Ex-Officio*) : DR. A. G. NEWELL, D.P.H.

(*Vice-Chairman of the Council.*)

Mrs. COUNCILLOR F. C. BRIGHTEN.

Mr. COUNCILLOR G. DUDMAN.

Mr.       "       J. BRISTOW.

"       "       T. ELDERFIELD.

Mrs.       "       A. E. COOK.

"       "       H. FARTHING.

Miss       "       R. F. COX.

"       "       W. R. JACKSON.

Mr.       "       E. F. DAVALL.

MAJOR P. B. MALONE, J.P.

Mr. COUNCILLOR C. WISE.

*Representatives on the Middlesex Districts Joint Small Pox Hospital*

*Board :*

Mr. COUNCILLOR T. INGLIS.

DR. A. G. NEWELL, D.P.H.

Mr. COUNCILLOR M. J. SIMS.

*Council's Representative on the Metropolitan Water Board under the  
Metropolis Water Act, 1902 :*

MAJOR P. B. MALONE, J.P.

*Heads of Departments :*

Clerk and Solicitor:—REGINALD C. GRAVES, Esq., LL.B.  
 Engineer and Surveyor:—Captain H. F. WILKINSON, R.E., A.M.Inst.C.E  
 Treasurer:—E. YOUNG, Esq., A.S.A.A.  
 Clerk, Education Committee:—W. MALLINSON, Esq.  
 Director of Education:—A. J. LINFORD, Esq., B.Sc.  
 Superintendent, Fire Brigade:—S. M. EDDINGTON, Esq.  
 Librarian:—W. J. BENNETT, Esq., F.L.A.  
 Superintendent of Baths:—T. J. LEWIS, Esq.

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**Staff.****I. Health Department.***Medical Officer of Health—*

DAVID C. KIRKHOPE, M.D., Ch.M., D.P.H., Barrister-at-Law.

*Male Sanitary Inspectors—*

*REDSTON, W. (Chief Inspector)	...	...	Harringay Ward.
(117, Broadwater Road.)			
†*PORTMAN, W. C.	...	...	High Cross Ward.
(13, West Road.)			
†*WEST, W. P.	...	...	West Green Ward.
(33, Drayton Road.)			
†*MILLER, H. W.	...	...	Middle Ward.
(119, Sperling Road.)			
†*SHILLITO, J. A.	...	...	Lower Ward.
(9, Cedar Road.)			
†*SMITH, J. B. (Cert., S.I. Ex. Brd.)	...	...	St. Ann's Ward.
(86, Chester Road.)			

*Female Sanitary Inspector—*

\*LAMB, Miss M.

\*The Officials so marked hold the Certificate of the Royal Sanitary Institute.

†The Officials so marked hold Meat Inspector's Certificate.

‡This Inspector holds the Diploma of the Incorporated Institute of Hygiene.



*Inspector under the Shops Acts—*

STACY, H. J.

*"Milne" Nurses—*

R. BENTLEY-CORNER.

S. SWAFFIELD.

R. HYATT.

M. TIMLIN.

K. SANDLE.

B. WHITAKER.

*Clerical Staff—*

GARVEY, R., Chief Clerk (Cert., Roy. San. Inst.)

COZENS, A. G., Clerk.

BAKER, S., Clerk.

BENNETT, P. W., Clerk.

POTTER, W., Junior Clerk.

*Mortuary Attendant—*

H. CORDER, 24, Loobert Road, Clyde Circus.

*Disinfectors—*

A. PITNEY (Houses).

J. MITCHELL (Clothing).

J. COLLIN „

*Drain Testers, Etc.*

H. BYSOUTH.

J. WILSON.

F. DOWSE.

C. VESSEY.



## 2. School Medical Department.

### *School Medical Officer—*

DAVID C. KIRKHOPE, M.D., Ch.M., D.P.H.,  
of Gray's Inn, Barrister-at-Law.

### *Senior Assistant Medical Officer—*

ALICE STALKER, M.B., Ch.B., D.P.H.

### *Assistant Medical Officers—*

GRACE T. ANDERSON, M.B., Ch.B.

R. HASTINGS SMYTHE, L.R.C.P. & S.I.

### *Ophthalmic Surgeon—*

T. W. LETCHWORTH, F.R.C.S.

### *X-Ray Clinician—*

C. R. KEMPSTER, M.R.C.S., L.R.C.P. (Lond.)

### *Dental Surgeons—*

V. SAINTY, L.D.S., R.C.S. (Eng.)

L. S. PILBEAM, L.D.S., R.C.S. (Bng.)

### *School Nurses—*

E. JOHNS.      M. PICKBURN.      W. BARNES.      K. McNULTY.  
C. VINE.      L. ROGERS.      E. LINDSAY.      E. BARRATT.      H. McMATH.  
E. PRESTON.      C. WRIGHT.

### *Clerical Staff—*

V. GODDARD (Chief Clerk).

E. ING.      T. E. COHEN.      J. E. MILLER.

## Tottenham Maternity and Child Welfare Committee.

### *Medical Officer :*

DAVID C. KIRKHOPE. M.D., Ch.M., D.P.H.

### *Part Time Medical Officer, Infant Welfare Clinics :*

CHARLOTTE ALICE KING, M.D., B.S., D.P.H.

### *Part Time Medical Officer, Ante and Post Natal Clinics :*

DOROTHY C. LOGAN, M.D., B.S.

### *Superintendent Health Visitor :*

Mrs. J. KENT-PARSONS.

### *Health Visitors :*

B. WALLACE, M. BLANCHARD. G. MASON. N. HEADLEY.  
M. L. KILBEY. F. FLETCHER. G. M. HOCKIN. E. M. DUNN.  
M. F. REYNOLDS.

### *Creche :*

Matron—F. E. TREWINNARD.

Nurses—K. T. BROWN. J. BYATT. M. HOWE.

### *Clerical Staff :*

E. HORTON. M. B. COLEMAN. E. E. FISHER. W. COLEMAN.

Addresses of other public officers, more or less connected  
with Public Health Work.

*Registrars of Births and Deaths—*

East Tottenham: Mr. H. J. ROYNON, 664, High Road.

West Tottenham: Mr. E. S. CHAPMAN, 22, Langham Road.

*Relieving Officers—*

East Tottenham: Mr. A. J. WRAMPLING, 689, High Road, and  
Mr. J. SWEET, Stonebridge Hall, Stonebridge Road.

West Tottenham: Mr. J. GRAVILLE and Mr. A. J. MISTER,  
186, West Green Road.

*Public Vaccinators—*

Dr. T. McLAREN, 38, Bruce Grove.

Dr. A. C. HILL, 99, Philip Lane.

Dr. F. SHARPE, 326, Philip Lane.

*Vaccination Officer—*

Mr. H. J. ROYNON, 664, High Road.

*Coroner's Officer—*

Police-Sergt. V. BONN, Police Station, High Road.



# INTRODUCTION

TO THE

ANNUAL REPORT of the MEDICAL OFFICER OF HEALTH

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Health Department,

Town Hall,

Tottenham.

*March, 1924.*

To the Chairman and other Members of the Tottenham  
Urban District Council.

Ladies and Gentlemen,

I have pleasure in presenting to you my Eleventh Annual Report, namely that for the year ended December, 1923.

There have been no very conspicuous alterations in the administration of the Health Department during the year. It has been a year of consolidation and of preparation for modifications and amplifications that promise further advantages. So far as figures can prove anything there has been no falling back in any direction except in the number of births. 3,093 have been recorded this year as against 3,167 for the previous year. On the other hand there has been a reduction in the number of deaths by 295. The General Death Rate, 9·1 per 1,000 of the population, the Infant Death Rate, 58·1 per 1,000 births, the Zymotic Death Rate, 0·29 per 1,000 of the population and the Phthisis Death Rate, 0·73 per 1,000 of the population are all reductions on previous years. Notifications of Diphtheria amounted to rather less than half the number in 1922, viz :—194, against 400, and whereas in 1922 Scarlet Fever notifications numbered 919, in 1923 the number was 385.

The housing difficulty remains a formidable proposition. So long as there is not a surplus of houses for persons of the working classes, so long will the difficulty remain of bringing occupied houses up to a



satisfactory standard of repair. There are many houses occupied to-day that would be represented to your Council as in urgent need of extensive structural repair or that should otherwise be closed against occupation by human persons, but for the apparent impossibility of finding alternative accommodation for the dishoused. It is not for lack of inspection that these houses have not been condemned, but that their condemnation creates an impossible position. It is astonishing that the vital statistics continue so favourable under the existing housing conditions; and that some scepticism is created in the minds of those who used to regard a satisfactory environment as the essential factor in the production of a low death and sickness, especially zymotic sickness, rate is not surprising.

It is satisfactory to record that the staff of the Health Department have fulfilled their various tasks in a most efficient manner. I, personally, have to thank them for their loyalty and enthusiasm.

To the Council I have to extend my cordial thanks for a continuance of their confidence and for patient and sympathetic consideration of all matters that it has been my duty and privilege to place before them.

I am, Ladies and Gentlemen,

Your obedient Servant,

*David C. Kirkhope.*

### POPULATION.

The Registrar General estimates the population at the middle of the year 1923 to be 151,700. The Treasurer estimates the population at November, 1923, to be 154,300. The latter figure, as being probably the more accurate, is used as the basis of calculation of the vital statistics.

*Return of Houses, Population, etc., at November, 1923, as supplied to us by the Treasurer's Department.*

Ward	Acreage	<i>a</i> Houses		Total No. of <i>a</i> Houses	<i>b</i> Other Buildings and Assessments	Estimated population	Rateable Value
		Inhabited	Empty				
High Cross... ..	463	5,001	15	5,016	233	26,390	£ 122,639
Middle, East ... ..	449	2,872	1	2,873	131	14,560	52,188
Middle, West ... ..	168	2,859	5	2,864	136	14,240	56,611
Lower ... ..	950	5,860	16	5,876	248	30,020	107,019
West Green... ..	470	3,773	26	3,799	149	18,980	73,660
Harringay ... ..	263	4,260	24	4,284	259	22,270	98,422
St. Ann's ... ..	251	4,836	21	4,857	211	27,840	78,747
Throughout the Parish ) ... ..	—	—	—	—	12 <sup>c</sup>	—	43,361
Totals ... ..	3,014	29,461	108	29,569	1,379	154,300	£632,647
		29,569					

*a* Houses, Houses and Shops, and Tenements.

*b* Lock-up Shops, Stables, Workshops, Garages, Schools, Factories, Glasshouses, Land, etc.

*c* Railways, Tramways, Reservoirs, Gas, Water, and Electric Mains.

## BIRTHS.

Births Registered :—Males	...	...	...	...	1,609
Females	...	...	...	...	1,484
					<hr/>
Total	...	...	...	...	3,093
					<hr/>
Including Illegitimate Births :—Male	...	...	...	...	34
Female	...	...	...	...	45
					<hr/>
Total	...	...	...	...	79
					<hr/>
Births occurring in the district	...	...	...	...	2,641
Births of Tottenham residents occurring outside the district	...	...	...	...	452
					<hr/>
Total	...	...	...	...	3,093
					<hr/>

Birth Rate, 20·0 per 1,000.

Births notified under the Notification of Births Acts :—

In district by Doctors	...	...	...	...	655
„ „ Midwives	...	...	...	...	1,574
„ „ Parents and other persons	...	...	...	...	328
Notified from outside Institutions	...	...	...	...	409
					<hr/>
					2,966
Advised by Registrar	...	...	...	...	70
					<hr/>
Total	...	...	...	...	3,036
					<hr/>



## DEATHS.

The total number of deaths registered in Tottenham was...	1,021
Of these, the number of non-residents was ... ..	194
Deaths of residents registered in the district ... ..	827
Deaths of residents registered outside the district ... ..	581
	1,408
Deaths of residents under 1 year occurring in district ...	127
Deaths of residents under 1 year occurring outside district	53
Total deaths of Tottenham infants ... ..	180

These deaths are distributed according to age and sex as follows :—

	Males.	Females.
Deaths under 1 year ... ..	120	60
Deaths from 1 to 5 years ... ..	40	27
Deaths from 5 to 15 years ... ..	24	25
Deaths from 15 to 25 years ... ..	29	50
Deaths from 25 to 65 years ... ..	286	250
Deaths 65 and upwards ... ..	211	286
	710	698

The excess of births over deaths is 1,685.

The death rate equalled 9·12 per 1,000 of the population.



*Table showing the Population, Birth and Death Rates, in Wards, during 1923.*

Ward	No. of Births	No. of Deaths	Population	General Birth-rate	General Death-rate	No. of Deaths Under 1 Year	Infant Mortality per 1000 of Population	Infant Mortality per 1000 Births
Harringay ...	385	189	22,270	17·3	8·4	17	0·7	44·1
West Green ...	367	183	18,980	19·3	9·6	25	1·3	68·1
St. Ann's ...	628	240	27,840	22·5	8·6	44	1·5	70·0
High Cross ...	515	275	26,390	19·5	10·4	27	1·0	52·4
Middle ...	564	247	28,800	19·5	8·0	24	0·8	42·5
Lower ...	634	274	30,020	21·1	9·1	43	1·4	67·8
Total ...	3,093	1,408	154,300	20·0	9·1	180	1·1	58·1

Table showing Percentage of Removals of Cases of Scarlet Fever,  
Diphtheria, and Enteric Fever.

Ward	Cases	Removals	Percentage
Harringay ...	45	20	44.4
West Green ...	58	22	40.0
St. Ann's ...	148	57	38.5
High Cross...	74	26	35.1
Middle ...	151	34	22.5
Lower ...	105	46	43.8

### INFECTIOUS DISEASES.

Diseases.	Cases notified.	Deaths.	Death Rate.
Measles ...	—	6	0.03
Diphtheria ...	194	8	0.05
Diarrhoea ...	—	19	0.12
Scarlet Fever ...	385	3	0.019
Enteric Fever ...	2	—	—
Whooping Cough ...	—	10	0.06
Tuberculosis (Lungs) ...	291	113	0.73
Puerperal Fever ...	3	4	0.025
Erysipelas ...	43	2	0.012
Ophthalmia Neonatorum ...	15	—	—
Malaria ...	2	—	—
Encephalitis Lethargica ...	4	2	0.012
Influenza ...	—	17	0.11

## SCARLET FEVER.

The system of treatment of this disease as applied in Tottenham was very fully considered in last year's report. Your Council has not found it necessary to modify it in any detail.

The number of cases notified during the year was 385. Of these, 36 were removed to hospital.

The number of cases treated at home by the Council's "Milne" nurses was 347.

There were

216	premises in which 1 case occurred =	216 cases.
33	premises in which 2 cases occurred =	66 cases.
15	premises in which 3 cases occurred =	45 cases.
3	premises in which 4 cases occurred =	12 cases.
2	premises in which 5 cases occurred =	10 cases.

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269 premises.

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\*349 cases.

\*The actual number of cases dealt with up to 31st December was 347. It will be seen, however, that 349 are accounted for. From that number, however, has to be deducted 2, which occurred in 1924, but in the same premises as cases notified during 1923. These 2 cases have been included in order that a complete record may be given of the multiple cases.

Multiple Cases, 1923 (including 2 treated in 1924) :—

No. occurring within	1 week after previous case ...	42*
"	" 2 weeks	16†
"	" 3 "	11
"	" 4 "	6
"	" 5 "	—
"	" 6 "	—
"	" 7 "	1
"	" 8 "	—
"	" 9 "	2
"	" 13 "	1
"	" 21 "	1
		—
		80‡
		—

\*In 11 of these instances, dual notifications were received simultaneously, in 5 instances triple notifications and in 1 instance quadruple notifications.

†In one instance, dual notifications were received simultaneously.

‡This number includes certain cases wrongly diagnosed.



Number of cases removed to hospital after treatment commenced ... ..	7
Number of notifications withdrawn ... ..	3
Number of cases wrongly diagnosed or indefinite ...	27

There were complications in 55 of the cases.

The complications were as follows :—

Rhinorrhoea ... ..	8
Otorrhoea ... ..	7
Glands ... ..	21*
Albuminuria ... ..	6
Rheumatism ... ..	3
Glands and Otorrhoea ... ..	1
Rhinorrhoea and Otorrhoea ... ..	2
Albuminuria and Otorrhoea ... ..	2
Albuminuria and Glands ... ..	1
Rheumatism and Glands ... ..	1
Rheumatism and Rhinorrhoea ... ..	1
Albuminuria and Rheumatism ... ..	1
Albuminuria, Otorrhoea, Glands, Diphtheria and Hip Joint ... ..	1
	—
	55
	—

\* None of these suppurated.

Cases of Otorrhoea and Rhinorrhoea of long-standing before the onset of Scarlet Fever have been excluded, but all cases that have been definitely associated with Scarlet Fever have been included in this list.

All cases of complications arising in the course of Scarlet Fever have been periodically visited, and at the date of writing the Report (April, 1924) they had cleared up, with the exception of the Hip Joint Disease.

There were 3 deaths from Scarlet Fever, namely :—

1. C.M. (female), 6 years, notified P. of W. Hospital 28-2-23, removed M.A.B. 28-2-23, died in M.A.B. Hospital, 17-6-23.
2. R.K. (male), 3 years, notified 19-4-23. "Milne" treatment until 22-4-23. Removed to Hospital 22-4-23, died 8-5-23.
3. E.B. (female), 11 years, notified 1-11-23. "Milne" treatment declined. Died 4-11-23.



## DIPHTHERIA.

194 cases of Diphtheria were notified to us. 163 were removed to hospital. Of these, 21 were reported from the hospital as being wrongly diagnosed, 18 being Tonsillitis, 1 Vincents Angina, 1 Peritonsillar Abscess, and 1 Measles.

## CEREBRO-SPINAL MENINGITIS.

1 notification was received. The case was removed to hospital and proved fatal.

The death returns show that there were 5 deaths of Tottenham "residents" occurring in the year. This is explained as follows. In addition to the above-mentioned case, 3 deaths occurred outside the district of persons who properly belonged to Tottenham; one case admitted to the Prince of Wales's Hospital as suffering from Pneumonia was registered as having died from Cerebro-Spinal Meningitis.

## MEASLES.

During the latter part of the year there was a rather sharp outbreak of Measles, many of the cases being complicated. As accommodation was available in the hospitals, the most urgent cases were removed there, to the number of 7, for the following reasons—Complicated with Pneumonia or Broncho-Pneumonia, 4; Complicated with Mastoiditis, 1; Nurses on the staff of the Prince of Wales's Hospital, 2.

## PULMONARY AND OTHER FORMS OF TUBERCULOSIS.

The County Council undertakes the treatment of Tuberculosis.

	Notifications.			Mortality.	
	Males.	Females.		Males.	Females.
Under 1 year ... ..	1	1	...	5	—
From 1 to 5 years ...	2	5	...	1	5
From 5 to 15 years ...	16	25	...	2	4
From 15 to 25 years ...	46	34	...	11	28
From 25 to 45 years ...	67	51	...	28	24
From 45 upwards ...	30	13	...	16	14
	—	—		—	—
	162	129	...	63	75
	—	—		—	—

Organs affected :—

Lungs	...	...	...	...	...	...	242
Joints	...	...	...	...	...	...	3
Glands	...	...	...	...	...	...	12
Meninges	...	...	...	...	...	...	3
Skin	...	...	...	...	...	...	1
Spine	...	...	...	...	...	...	6
Knee	...	...	...	...	...	...	3
Hip	...	...	...	...	...	...	5
Peritoneum	...	...	...	...	...	...	1
Kidney	...	...	...	...	...	...	2
Bladder	...	...	...	...	...	...	1
Testicle	...	...	...	...	...	...	1
Other	...	...	...	...	...	...	9

Dual Organs :—

Lungs and Larynx	...	...	...	...	...	1
Lungs and Skin	...	...	...	...	...	1
						—
						291
						—

## CANCER.

169 deaths resulted from Malignant disease, classified according to the organs affected as follows :—

## Digestive System :

	Males.	Females.
Stomach (including pylorus) ... ..	17	27
Mouth ... ..	2	—
Esophagus ... ..	4	—
Tongue ... ..	1	—
Bowel (small and large, excluding rectum)	6	11
Rectum ... ..	12	6
Liver ... ..	—	7
Pancreas ... ..	4	2

## Genito-urinary :

Uterus ... ..	—	18
Bladder ... ..	3	1
Ovary ... ..	—	3
Prostate ... ..	3	—
Breast ... ..	—	20

## Various :

Larynx ... ..	5	2
Cervical Glands ... ..	2	—
Mediastinum ... ..	1	1
Lung ... ..	1	—
Skin ... ..	1	1
Spine ... ..	1	—
Undefined ... ..	—	1

## Sarcomata :

Tonsil ... ..	1	—
Lung ... ..	2	—
Leg ... ..	1	—
Femur ... ..	—	1
Retroperitoneal ... ..	—	1

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67	102
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M. of H. TABLE I.

Table showing the Population, Birth Rate, and Death Rate from all causes, in Tottenham during the last six years.

YEAR	Population estimated to Middle of each Year	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT		Deaths of Non- residents registered in the District	Deaths of Residents not registered in the District.	NETT DEATHS BELONGING TO THE DISTRICT			
		Un- corrected Number	Nett		Number	Rate			Under 1 Year of Age		At all Ages	
			Number	Rate					Number	Rate per 1,000 Nett Births	Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1918	152,304	2327	2432	15·96	1794	11·7	259	525	206	84·7	2060	13·5
1919	152,508	2554	2711	17·7	1273	8·3	188	477	180	66·4	1564	10·2
1920	156,020	3854	4064	26·04	1302	8·3	275	438	248	61·0	1465	9·3
1921	149,200	3402	3402	22·8	1274	8·5	258	537	231	67·9	1553	10·4
1922	152,000	2777	3167	20·8	1496	9·8	352	559	203	64·0	1703	11·2
1923	154,300	2641	3093	20·0	1021	6·6	194	581	180	58·1	1408	9·12

## NOTES TO (M. of H.) TABLE I.

The nett rate is the true one, as it represents the deaths of all Tottenham people, whether they took place within or without the Parish, and is the rate adopted by the Registrar-General, non-residents being always allocated to the district to which they belong.

By the term "Non-Resident," is meant persons brought into the district on account of illness, and dying here; and by the term "Resident" is meant persons who have been taken out of the District on account of illness, and have died elsewhere.

- 1.—Institutions within the District receiving sick and infirm persons from outside the District :—

Prince of Wales's General Hospital, The Green.

Metropolitan Asylums Board (North Eastern) Hospital, St. Ann's Road.

Jewish Home and Hospital for Incurables, High Road.

Nursing Home, Bruce Grove.

- 2.—Institutions outside the District receiving sick and infirm persons from the District :—

South Mimms Sanatorium.

North Middlesex Hospital.

Metropolitan Asylums Board Hospitals (other than North Eastern).

- 3.—Other Institutions, the deaths in which have been distributed among the several localities in the District :—

Hospitals :—

Guy's.

Middlesex.

St. Bartholomew's

London.

Queen's, Bethnal Green.

University College.

St. Thomas'.

Charing Cross.

Children's, Great Ormond Street, W.C.

City of London Lying-in.

King's College.

Mount Vernon, Northwood.

German.



## Hospitals—continued :—

St. Mary's, Paddington.  
 St. Peter's, Westminster.  
 St. Columbus, Hampstead.  
 Enfield and Edmonton Joint Hospital.  
 Hospital of St. John, Scorton, Richmond.  
 Groveland Hospital, Southgate.  
 Royal Hospital for Incurables, Wandsworth.  
 Seaman's Hospital, Greenwich.  
 Knight's Memorial Hospital, Blyth.  
 Infants' Hospital, Westminster.  
 Chest Hospital, Bethnal Green.  
 Springfield Mental Hospital, Wandsworth.  
 Tooting Bec Mental Hospital, Wandsworth.  
 Hanwell Mental Hospital, Norwood.  
 Royal Sussex County Hospital, Brighton.  
 St. Mary's Hospital, Plaistow.  
 St. Mark's Hospital, City Road.  
 Queen Charlotte's Hospital, Marylebone.  
 Royal Free, Gray's Inn Road.  
 Royal, City Road.  
 Mildmay Memorial, Stoke Newington.  
 Central London, Throat and Ear.  
 Metropolitan.  
 Hampstead General.  
 St. Anthony's, Cheam.  
 Royal Northern, Holloway.  
 Royal, Waterloo Road.  
 Middlesex County Tuberculosis, Isleworth.

## Asylums :—

Metropolitan, Caterham.  
 Napsbury.  
 Broadmoor Asylum, Crowthorne.  
 Brentwood Mental Asylum, Sth. Weald.  
 Grosvenor Sanatorium, Kennington, Kent.  
 Enfield House, Chase Side.  
 Peckham House, Camberwell.  
 County Sanatorium, Harefield.  
 Rochester Row Almshouses, Westminster.

M. of H. TABLE II.—*Table of cases of Infectious Disease coming to the knowledge of the Medical Officer of Health during the year 1923, in the Tottenham Urban District, classified according to diseases, ages, and localities.*

Notifiable Disease	NUMBER OF CASES NOTIFIED.								TOTAL CASES NOTIFIED IN EACH LOCALITY.						TOTAL CASES REMOVED TO HOSPITAL
	At all Ages	At Ages—Years.							1	2	3	4	5	6	
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and up- wards	Harrin- gay	West Green	St. Ann's	High Cross	Middle	Lower	
Dysentery ... ..	1	...	...	...	...	1	...	...	...	...	1	...	...	...	...
Encephalitis Lethargica ...	4	...	...	1	...	2	1	...	1	1	...	...	1	1	...
Diphtheria (including Membranous Croup) ...	194	13	55	88	21	15	2	...	24	24	52	18	30	46	168
Erysipelas ... ..	43	1	2	5	6	8	13	8	7	6	16	5	3	6	4
Scarlet Fever ... ..	385	6	86	233	39	20	1	...	20	34	96	55	121	59	36
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	2	...	...	1	1	...	...	...	1	...	...	1	...	...	1
Malaria ... ..	2	...	...	...	...	2	...	...	...	...	...	...	...	2	...
Pneumonia ... ..	200	20	53	34	23	35	25	10	42	22	81	13	18	24	2
Puerperal Fever ... ..	3	...	...	...	...	3	...	...	...	1	...	...	1	1	...
Cerebro-spinal Meningitis ...	1	...	...	1	...	...	...	...	...	...	1	...	...	...	1
Polio-myelitis ... ..	2	...	1	1	...	...	...	...	...	...	...	1	...	1	...
Ophthalmia Neonatorum ...	15	15	...	...	...	...	...	...	1	4	7	...	2	1	...
Pulmonary Tuberculosis ...	242	...	1	24	68	109	39	1	23	25	45	42	62	45	...
Other forms of Tuberculosis ...	49	2	2	15	16	10	4	..	2	5	6	10	14	12	...
Totals ... ..	1,143	57	200	403	174	205	85	19	121	122	305	145	252	198	212

M. of H. TABLE III.

TABLE OF DEATHS during the Year 1923 in the Tottenham Urban Sanitary District, classified according to Diseases, Ages, and Localities.

CAUSES OF DEATH	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District (a)											Deaths at all ages of "Residents" whether belonging to Localities, whether occurring in or beyond the District						Total Deaths, whether of "Residents" or "non-Residents" in Institutions in the District (b)		
	All Ages	Under 1 year	1 and under 2	2 and under 5	5 and under 15	15 and under 25	25 and under 35	35 and under 45	45 and under 55	55 and under 65	65 and under 75	75 and under 85	85 and upwards	Harringay	West Green	St. Ann's	High Cross		Middle	Lower
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		19	20
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles...	6	...	2	4	...	...	...	...	...	...	...	...	...	...	...	2	1	1	2	10
Scarlet Fever ...	3	...	...	1	2	...	...	...	...	...	...	...	...	...	...	1	2	...	2	20
Whooping Cough ...	10	8	2	...	...	...	...	...	...	...	...	...	...	...	...	3	2	3	1	12
Diphtheria and Croup ...	8	...	...	5	3	...	...	...	...	...	...	...	...	...	...	1	2	7	2	50
Influenza ...	17	...	...	...	...	...	1	3	4	6	3	...	...	...	...	1	1	...	...	...
Erysipelas ...	2	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	113	...	...	1	3	38	21	24	15	7	4	...	...	...	17	12	23	18	20	23
Tuberculous Meningitis ...	11	3	2	2	2	1	1	...	...	...	...	...	...	...	2	...	4	2	2	1
Other Tuberculous Diseases ...	14	1	1	2	...	1	3	2	1	1	1	...	...	...	1	2	4	3	2	2
Cancer, malignant disease ...	169	...	...	...	4	1	...	...	...	...	...	...	...	...	27	22	18	35	26	40
Rheumatic Fever ...	9	...	...	...	3	1	...	...	...	...	...	...	...	...	...	2	...	...	3	...
Meningitis ...	176	2	...	...	...	9	8	16	20	33	53	31	4	30	34	24	37	26	25	18
Organic Heart Disease ...	119	7	2	1	1	...	1	4	7	18	29	33	7	17	16	10	24	24	19	7
Bronchitis ...	118	12	12	8	3	3	11	14	13	18	12	9	3	9	12	25	22	23	26	22
Pneumonia (all forms) ...	21	2	1	...	...	1	1	2	4	3	3	4	...	4	1	1	5	5	5	1
Other diseases of respiratory organs ...	19	19	...	...	...	...	...	...	...	...	...	...	...	2	4	3	3	3	4	3
Diarrhoea and Enteritis ...	7	...	...	2	1	1	1	1	...	1	...	...	...	...	1	2	3	...	1	5
Appendicitis and Typhlitis ...	3	...	...	...	...	...	...	...	1	2	...	...	...	1	...	1	1	...	...	...
Cirrhosis of Liver ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Nephritis and Bright's Disease ...	24	...	...	3	...	1	2	4	4	7	2	...	...	1	3	2	6	5	7	1
Puerperal Fever ...	4	...	...	...	...	3	1	...	...	...	...	...	...	...	1	1	...	1	1	...
Other accidents and diseases of Pregnancy and Parturition ...	3	...	...	...	...	...	1	2	...	...	...	...	...	1	1	...	1	...	...	...
Congenital Debility and Malformation, including Premature Birth ...	101	101	...	...	...	...	...	...	...	...	...	...	...	11	11	30	16	13	20	5
Violent Deaths, excluding Suicide ...	47	...	4	7	5	5	3	5	6	4	3	4	1	5	6	11	13	8	4	27
Suicide ...	9	...	...	...	...	...	2	3	2	2	...	...	...	1	2	1	2	1	2	...
Other Defined Diseases ...	392	18	2	5	16	17	18	32	27	48	78	108	23	53	48	64	73	72	82	63
Encephalitis Lethargica ...	2	...	1	...	...	...	1	...	...	...	...	...	...	1	...	...	1	...	...	2
Cerebro-Spinal Meningitis ...	5	2	...	2	1	...	...	...	...	...	...	...	...	1	1	1	...	2	...	3
Diseases ill-defined or unknown ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Totals ...	1408	180	29	38	49	79	76	129	139	192	246	211	40	189	183	240	275	247	274	286



## NOTES TO (M. of H.) TABLE III.

(a). In this table all deaths of "Residents" occurring in public institutions, whether within or without the district, are included with the other deaths in the columns for the several age groups (columns 3--10). They are also included among the deaths in their respective "Localities" according to the previous addresses of the deceased as given by the Registrars. Deaths of "Non-Residents" occurring in public institutions in the district are in like manner excluded from columns 3--10 and 11--16 of this table.

(b) All deaths occurring in public institutions situated within the district, whether of "Residents" or of "Non-Residents," are, in addition to being dealt with as in note (a), entered in the last column of this table.

(c) Under the heading of "Diarrhœa," are included deaths certified as from diarrhœa, alone or in combination with some other cause of ill-defined nature ; and also deaths certified as from

Epidemic Enteritis :

Zymotic Enteritis ;

Epidemic Diarrhœa, Summer Diarrhœa ;

Dysentery and Dysenteric Diarrhœa ;

Gastro-Enteritis and Muco-Enteritis ;

Choleraic Diarrhœa, Cholera Nostras

(in the absence of Asiatic Cholera).

Deaths from diarrhœa secondary to some other well-defined disease are included under the latter.

Under the headings of "Cancer" and "Puerperal Fever" are included all registered deaths from causes comprised within these general terms.

M. of H. TABLE IV. Table of Infant Mortality during the year 1923.

CAUSE OF DEATH				Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	1-3 months	3-6 months	6-9 months	9-12 months	Total Deaths under 1 year
{	Small-pox	...	...	...	...	...	...	...	...	...	...	...	...
	Chicken-pox	...	...	...	...	...	...	...	...	...	...	...	...
	Measles	...	...	...	...	...	...	...	...	...	...	...	...
	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...
{	Whooping-cough	...	...	...	...	1	...	1	1	1	2	3	8
	Diphtheria and Croup	...	...	...	...	...	...	...	...	...	...	...	...
	Erysipelas	...	...	...	...	...	...	...	...	...	...	...	...
{	Tuberculous Meningitis	...	...	...	...	...	...	...	...	2	...	1	3
	Abdominal Tuberculosis	...	...	...	...	...	...	...	...	...	...	...	...
	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	1	1
	Meningitis ( <i>not Tuberculous</i> )	...	...	...	2	...	...	2	...	1	1	1	5
	Convulsions	...	...	...	4	...	...	4	1	1	1	...	7
	Laryngitis	...	...	...	...	...	...	...	...	...	...	...	...
	Bronchitis	...	...	...	...	...	1	1	4	...	...	2	7
	Pneumonia (all forms)	...	1	2	...	...	...	3	5	2	...	3	13
{	Diarrhœa	...	...	...	...	...	2	2	5	3	2	1	13
	Enteritis	...	...	...	...	1	...	1	1	3	...	...	5
	Gastritis...	...	...	...	...	...	...	...	...	1	...	...	1
	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...
	Rickets	...	...	...	...	...	...	...	...	...	...	...	...
	Suffocation, overlying	...	...	...	...	...	...	...	...	...	...	...	...
	Injury at Birth...	...	...	...	2	...	...	2	...	1	...	...	3
	Atelectasis	...	...	...	2	1	...	3	...	...	...	...	3
	Congenital Malformations	...	3	...	...	...	...	3	1	...	...	...	4
{	Premature birth	...	...	...	34	3	2	2	41	2	...	...	43
	Atrophy, Debility and Marasmus	...	...	...	9	3	6	2	20	13	4	2	40
	Other Causes	...	...	...	6	1	...	1	8	6	3	3	24
				59	13	11	8	91	39	22	11	17	180



## Mortuary Table for the Year 1923.

Bodies Admitted.				No. of Post Mortems			Number of Inquests	Deaths from Violence	Deaths from Drowning
Month	Males	Females	Total	Males	Females	Total			
January ...	8	7	15	5	7	12	12	1	2
February ...	12	7	19	9	5	14	15	2	1
March ...	11	3	14	8	2	10	11	...	...
April ...	6	4	10	1	1	2	6	5	...
May ...	7	9	16	6	2	8	13	6	2
June ...	6	7	13	3	3	6	7	1	1
July ...	11	9	20	6	5	11	12	5	...
August ...	10	9	19	4	2	6	9	2	...
September	10	11	21	3	7	10	17	7	...
October ...	6	3	9	5	0	5	7	2	...
November...	4	5	9	2	3	5	6	3	...
December ...	7	9	16	5	5	10	14	8	1
Total ...	98	83	181	57	42	99	129	42	7

No. of bodies admitted to await Burial ... 51.



The following List gives the Causes to which Deaths were attributed by the Coroner or Coroner's Juries.

Appendicitis	...	...	...	1	Status Lymphaticus	...	...	2
Bronchitis	...	...	...	7	Senile Decay	...	...	3
Carcinoma	...	...	...	1	Valvular Heart Disease	...	...	3
Cancer	...	...	...	1	<i>Accidents :</i>			
Convulsions	...	...	...	3	Poisoning	...	...	1
Congestion of Lungs	...	...	...	2	Gas Poisoning	...	...	1
Cerebral Tumor	...	...	...	1	Burns	...	...	3
Cerebral Hæmorrhage	...	...	...	3	Drowning	...	.....	4
Encephalitis Lethargica	...	...	...	1	Knocked down by Bicycle..	...	...	1
Gastritis	...	...	...	2	Scalds	...	...	7
Heat Stroke	...	...	...	1	Fracture of Spine	...	...	1
Inanition	...	...	...	4	Run over by Motor	...	...	7
Inattention at Birth	...	...	...	1	Strangulation	...	...	1
Meningitis	...	...	...	2	Fracture of Skull	...	...	4
Marasmus	...	...	...	2	Fracture of Pelvis	...	...	1
Nephritis	...	...	...	1	Suffocation	...	...	1
Peritonitis	...	...	...	2	<i>Suicides :</i>			
Pneumonia	...	...	...	11	Poisoning	...	...	1
Septicæmia	...	...	...	4	Gas Poisoning	...	...	5
Syncope	...	...	...	23	Cut Throat	...	...	3
Toxaemia	...	...	...	2	Hanging	...	...	1
Still Born	...	...	...	3	Drowning	...	...	2

### NURSING ARRANGEMENTS.

*General Nursing.*—The local medical practitioners petitioned the Council to use their best efforts to have re-established the District Nursing Association in Tottenham. The Ministry of Health and other agencies were approached with a view of ascertaining whether sufficient financial help would be forthcoming to warrant the reopening of the work of this Association, but after all prospective sources of revenue had been investigated, it did not appear that sufficient support was likely to be given and the matter is still in abeyance.

*Midwives.*—There are 20 Midwives practising in the district,

## CLINICS AND TREATMENT CENTRES.

Name and Situation.	Nature of Accommodation.	By whom Provided.
Infant Welfare Clinic, "The Chestnuts," St. Ann's Road, N.15	Consulting Room, Weighing Room, Waiting and Stock Room, Pram Room.	Tottenham Maternity and Child Welfare Com- mittee.
Infant Welfare Clinic, Bruce Castle, Lord- ship Lane, N.17	Consulting Room, Weighing Room, Waiting and Stock Room, Pram Room.	Do.
Infant Welfare Clinic, Town Hall, N.15	Weighing Room and Wait- ing Room.	Do.
Maternity Clinic, "The Chestnuts."	Consulting Room, Dressing Room, Waiting Room, Dining Room.	Do.
Maternity Clinic, Bruce Castle.	Consulting Room, Dressing Room, Waiting Room,	Do.
Day Nursery, 240, St. Ann's Road.	Receiving Room, Dining Room, and Nursery for Toddlers; 2 Nurseries for Infants; Isolation Room; Shelter in Garden.	Do.
Minor Ailments Clinic, Town Hall.	Consulting and Treatment Room and Waiting Room.	Tottenham Education Committee.
Minor Ailments Clinic, Bruce Castle.	Consulting Room, Treat- ment Room and Waiting Room.	Do.
Dental Clinic, Bruce Castle.	Surgery, Recovery Room, and two Waiting Rooms.	Do.
Dental Clinic, "The Chestnuts."	Surgery, Recovery Room, and Waiting Room.	Do.
Throat Clinic, Bruce Castle.	Operating Room, Recovery Room and Waiting Room.	Do.
Eye Clinic, Bruce Castle.	Dark Room, Treatment, Fitting and Waiting Rms.	Do.
X-Ray Clinic, Bruce Castle.	X-Ray Room and Waiting Room.	Do.
Spray Bath Clinic, Town Hall.	Bath Room and Waiting Room.	Do.
Tuberculosis Dispens- ary, 140, West Green Road, N. 15.	Consulting Room, Dressing Room, Waiting Room, Laboratory, Office.	Middlesex County Council
Venereal Diseases Clinic, Prince of Wales's Hospital, N. 15.	Two Consulting Rooms, Two Treatment Rooms, Two Waiting Rooms, and Laboratory.	Do.



## HOSPITALS.

*Maternity.*—The North Middlesex Hospital undertakes in respect of a subsidy from the Local Authority to provide maternity beds for patients recommended for institutional treatment by the Medical Officer of Health.

*Children.*—The Invalid Children's Aid Association are subsidised by the Education Committee, and in a few isolated cases by the Maternity and Child Welfare Committee, in respect of children who are recommended for convalescent treatment by the Medical Officer of Health.

The London Heart Hospital undertakes, for the Tottenham Education Committee, the examination of cases of Heart Disease specially referred to it.

The Central London Throat, Nose and Ear Hospital receives for treatment, from the Tottenham Education Committee, such cases as are specially referred to it and in respect of whom there are complications which would render it undesirable that the patient should be treated in our own clinics.

*Fever.*—The Metropolitan Asylums Board have, by an agreement, entered into with the Council in 1894, accepted for institutional treatment such infectious diseases as they are accustomed to receive into their Hospitals.

*Small Pox.*—Tottenham is one of the contributory authorities to the Middlesex Districts Joint Small Pox Hospital Board.

*Other.*—Locally there are two considerable Institutions, the Prince of Wales's General Hospital, a voluntary Institution, and the Jewish Home and Hospital for Incurables. The former has 179 beds and cots and the latter 104 beds.

## AMBULANCE FACILITIES.

(a) The Metropolitan Asylums Board make the ambulance provision for the removal of infectious cases.

(b) The Local Authority have provided 3 ambulances for non-infectious and accident cases. The following table in relation to the Ambulance Service, is self-explanatory.



## MOTOR AMBULANCE SERVICE, 1923.

Months	No. of Cases		Mileage.			Receipts.
	Surgical	Children	No. 1 Ambulance	No. 2 Ambulance	No. 3 Ambulance	
January ...	572	293	1,045	622	915	£ s. d. 15 18 0
February ...	445	355	1,098	661	717	11 3 0
March ...	442	359	1,245	206	951	11 7 0
April ...	432	255	1,033	415	843	13 11 6
May ...	544	307	1,145	728	787	17 16 0
June ...	541	421	1,079	771	703	9 7 0
July ...	545	339	1,332	784	649	14 10 0
August ...	349	64	1,032	532	450	17 9 6
September	587	352	1,230	859	497	12 7 9
October ...	630	392	1,205	916	784	20 16 6
November...	650	427	1,141	829	685	10 6 6
December...	545	246	950	727	642	14 0 6
Total	6,282	3,810	13,535	8,050	8,623	£168 14 0
	10,092		30,208			
			Treasurer's Dept. ...			£123 10 0
			Education Committee			£165 0 0
						£457 4 0

Total Cases to Date: 33,749.      Total Mileage to Date: 154,135.      Total Receipts to Date: £2,681 3s. 9d.

Resuscitating apparatus is now provided in the Ambulance Service for administering oxygen in cases of gas poisoning, drowning, etc. This has already been used with success. The Council have now sanctioned the purchase of a fourth Ambulance, tenders for which are at present under consideration.

## LABORATORY.

At the Laboratory, 1,165 swabs from the throats or noses of persons in contact with sufferers from Diphtheria or themselves supposed to be suffering from Diphtheria, and 287 specimens of sputum from persons suspected to be suffering from Consumption have been examined during the year. Of the swabs, 120 were positive, and of the sputum, 39 specimens.

Other bacteriological and serological examinations are made by arrangement with the Prince of Wales's Hospital.

## STATUTES, BYE-LAWS, ETC., ADMINISTERED BY HEALTH DEPARTMENT.

The Health Department is mainly concerned with carrying out the provisions of the following Acts, Bye-laws, Orders and Regulations.

From time to time the Ministry of Health issue circulars relating to matters of outstanding importance, e.g., Cholera, Small Pox, Cerebro-Spinal Meningitis, Diarrhoea, Anthrax, Rabies, etc. These circulars are not enumerated in the following list :—

- Public Health Act, 1875.
- Contagious Diseases (Animals) Acts, 1878 and 1886.
- Dairies, Cowsheds and Milkshops Order, 1885.
- Infectious Disease (Notification) Act, 1889. (Adopted, 5-11-89)
- Infectious Disease (Notification) Extension Act, 1899.
- Infectious Disease (Prevention) Act, 1890. (Parts adopted, 16-12-90.).
- Public Health Acts Amendment Act, 1890. (Parts adopted, 20-1-91.).
- Housing of the Working Classes Acts, 1890, etc.
- Tottenham Local Board Act, 1890.
- Cleansing of Persons Act, 1897.
- Tottenham Urban District Council Act, 1900.
- Factory and Workshop Acts, 1901, etc.
- Notification of Births Act, 1907. (Adopted, 17-12-07.).
- Public Health Acts Amendment Act, 1907. (Parts adopted, 17-12-09.).
- Housing, Town Planning, &c. Act, 1909.
- Housing (Inspection of District) Regulations, 1910.
- Diphtheria Antitoxin (Outside London) Order, 1910.
- Public Health (Tuberculosis) Regulations, 1911 and 1912.
- Rag Flock Act, 1911.
- Public Health (Cerebro-Spinal Fever and Acute Poliomyelitis) Regulations, 1912.
- Public Health (Milk and Cream) Regulations, 1912.
- Shops Acts, 1912, etc.
- Fabrics (Misdescription) Act, 1913.
- Public Health (Ophthalmia Neonatorum) Regulations, 1914.
- Public Health (Shell-fish) Regulations, 1915.
- Rent and Mortgage Interest Restrictions Acts, 1920 and 1923.



Public Health (Acute Encephalitis Lethargica and Acute Polio-Encephalitis) Regulations, 1918.

Public Health (Pneumonia, Malaria, Dysentery, etc.) Regulations, 1918.

Housing, Town Planning, &c. Act, 1919.

Milk and Dairies (Amendment) Act, 1922.

Milk (Special Designations) Order, 1923.

Housing, &c. Act, 1923.

Bye-laws with respect to New Streets and Buildings, Cleansing of Cisterns, Common Lodging-houses, Houses let in Lodgings, Nuisances, Slaughter-houses, Tents, etc., used for human habitation.

## LEGAL PROCEEDINGS.

Date	Name	Nature of Case	Result
February ..	West Bros., Broad Lane	Serving in Shop after closing hour.	Fined £1 and 5s. witness's costs.
"	A. E. Coates, West Green Road	do.	Do.
"	H. Hopwood, Green Lanes	do.	Fined 10s.
August ...	F. West, West Green Road	do.	Fined £5
"	H Cook, Green Lanes	do.	Fined £1.
"	K. E. Brooke, Green Lanes	do.	Do.
"	B. Rustin, Green Lanes	do.	Do.
"	T. Young & Sons, Barking	Execution of re- pairs at 13, Whitehall St.	Work carried out by owner —case dismissed



## RIVER LEE.

An exhaustive report was made upon the pollution of the River Lee, a matter which had been brought to the notice of the Council on various occasions. This pollution was traced to the Tottenham and District Light, Heat and Power Company's Works at the Edmonton Boundary. The County Council, within whose jurisdiction comes the matter of pollution of streams, instituted proceedings against this Company in respect of the Boundary Ditch, but on the understanding that a new filter was to be installed to obviate further pollution, the summons was adjourned. Unfortunately much more serious pollution has since been discovered and reported upon to the Council. This pollution affects the ditch which surrounds on three sides Asplins Farm and enters Pymmes Brook, a tributary of the Lee, by a culvert in the vicinity of the Emery Works.

## SHOPS ACTS, 1912 to 1921.

The Shops were kept under observation by the Shops Acts Inspector, who is attached to the Health Department. A certain number of persons were represented to the Council as having contravened the terms of the Act, and in 81 instances the Council considered that a warning notice to the offender would be sufficient to meet the case. In 7 cases prosecution was resorted to. The particulars of these will be found under the heading "Legal Proceedings."

The Council had under consideration an application from the Confectioners to be allowed to remain open on Sunday evenings after 8 o'clock. Having regard to the case *London County Council versus Gainsborough*, the Council, after having given careful and sympathetic consideration to the application, communicated with the Home Secretary, and a letter in the following terms was received by the Council :—  
"An Order made under the Act of 1912 for the evening closing of confectioners' shops on Sundays for any later hour than that fixed by the General Early Closing Order under the Act of 1920 (viz:—8 p.m.) would be inoperative . . . He would not, therefore, be prepared to confirm an Order to provide for the closing of confectioners' shops on Sundays at an hour later than 8 p.m."

The closing hours in force in Tottenham are as follows :—

## HALF HOLIDAYS.

### *Harringay Area.*

### *Tottenham Remainder Area.*

\* *Butchers* ... Monday, 1 p.m. ... Monday, 1 p.m.  
(or alternatively Saturday, 1 p.m.) (or alternatively Saturday, 1 p.m.)

*Bakers* .. ... Wednesday, 2 p.m. ... Thursday, 2 p.m.  
(or alternatively Saturday, 2 p.m.) (or alternatively Saturday, 2 p.m.)

† *Other Shops* ... Wednesday, 1 p.m. ... Thursday, 1 p.m.  
(or alternatively Saturday, 1 p.m.) (or alternatively Saturday, 1 p.m.)  
(non-exempted trades)

## EVENING CLOSING HOURS.

\* *Butchers* ... Monday ... 1 p.m.  
... Tuesday, Wednesday and Thursday 7 p.m.  
... Friday and Saturday ... 8 p.m.

*Confectioners* ... Monday, Tuesday, Wednesday,  
Thursday and Friday ... 9.30 p.m.  
... Saturday ... 10 p.m.  
... Sunday ... 8 p.m.

† *Other Shops* ... Monday, Tuesday, Wednesday,  
(non-exempted trades) Thursday and Friday ... 8 p.m.  
... Saturday ... 9 p.m.  
... Sunday ... 8 p.m.  
(subject to weekly half-holiday Order).

*Refreshments* ... Special Licences ... 10 p.m. and 11 p.m.  
(consumed on premises)

*Exempted Trades* ... No closing hour.  
(newly cooked provisions, etc.)

## SLAUGHTER HOUSES.

There are 14 private slaughter-houses in the district. They are periodically visited, and no occasion has been found to take serious exception to their condition.



## DAIRIES, COWSHEDS AND MILKSHOPS.

70 applications from retail purveyors were received during the year for registration under the Dairies, Cowsheds and Milkshops Order, 1885, and Milk and Dairies (Amendment) Act, 1922. These were acceded to.

There are at present upon the register, 175 retail purveyors of milk.

The Milk and Dairies (Amendment) Act, 1922, gave additional powers to the Council enabling them to refuse to register purveyors of milk where satisfactory arrangements have not been made in relation to the quality, storage and distribution of milk. Advantage was taken of the section to have various improvements effected in the premises of certain vendors of milk in the area. Registration was with-held in respect of certain individuals until our requirements had been complied with, and in one instance the purveyor was struck off the Register altogether.

1 purveyor was licenced for the sale of "Grade A. (Tuberculin Tested)" Milk, 1 for the sale of "Certified" Milk and 1 for the sale of "Pasteurised" Milk (supplementary licence).

Periodical inspection is made of the premises where the Graded Milk is bottled, and samples are taken in accordance with the Ministry of Health's scheme.

## UN SOUND FOOD.

The Sanitary Inspectors have seized or had brought to them for condemnation the following articles :—

### Meat :—

Sheep, 4.  
Beef, 130 lbs.  
Rabbits, 3 hampers.  
Rabbits, 36.

### Fish :—

Kippers, 13 boxes.  
Skate, 13 stone.  
Skate, 1 box.  
Plaice, 5 boxes.  
Haddocks ("fresh"), 3 boxes.  
Rock Eel, 1 box.  
Cod Fillets, 4 stone.  
Dabs, 22 lbs.  
Prawns, 4 tins.

### Fruit and Vegetables :—

Tomatoes, 114 boxes.  
Cabbages, 4 sacks.  
Peas, 6 cwt.  
Oranges, 10 cases.  
Oranges, 107.  
Apples, 2 bushels.  
Apples, 1 box.  
Pears, 40 boxes.

### Miscellaneous :—

Condensed Milk, 102 tins.



## FOOD AND DRUGS.

I am obliged to the County Council (who are the authority for administering the provisions of the Sale of Food and Drugs Act, 1875), for the following information :—

Name of Article.	Samples	
	Taken.	Found Adulterated.
Milk ... ..	373	18
Milk, separated ... ..	11	—
Milk, condensed ... ..	3	—
Butter ... ..	7	—
Cream ... ..	6	4
Black Pudding ... ..	1	—
Coffee ... ..	3	—
Olive Oil ... ..	1	—
Prescription ... ..	7	2
Rice ... ..	1	—
Salicylate of Soda ... ..	1	—
Sponge Cake ... ..	2	—
Sugar ... ..	1	—
Sugar of Lead ... ..	1	—
Syrup of Iodide of Iron ... ..	1	—
	<hr/> 419	<hr/> 24
		—
Number of Prosecutions ... ..		9
Number of Convictions ... ..		7
Fines and Costs imposed ... ..	£12	6s. 6d.

The figures given for adulterated samples include some adulterated informal samples, in respect of which no proceedings could be taken.

## DISINFECTION AND DISINFESTATION.

Infected rooms are sprayed with formalin when the infected patient is removed to hospital or has recovered from the disease. The clothing is at the same time disinfected in a Washington Lyons Disinfector.

With regard to disinfection, slipper baths are provided at the Disinfecting Station, and persons in a verminous condition are bathed there while their clothing and bedding are disinfected by steam.

1,797 rooms were disinfected.

7,222 articles were disinfected or destroyed.

281 library books were disinfected.

171 persons were bathed.

During the period that the Prince of Wales's Hospital has been in the hands of the builders the disinfector has been used for their purposes, and I am gratified to state that in this particular the Council have been of very great assistance to the hospital authorities.

### COMMON LODGING HOUSES.

There are 5 Common Lodging Houses in the district. All have been kept under observation and have been found to be satisfactory at each of the visits.

### EXHUMATIONS.

Two exhumations took place at the Tottenham Cemetery under the supervision of the Sanitary Inspector, in compliance with the Home Office requirements.



## GENERAL SANITARY WORK.

The work of the male Sanitary Inspectors is epitomised and subjoined.

	Harringay Ward (Mr. Redston)	West Green Ward (Mr. West)	St. Ann's Ward (Mr. Smith)	High Cross Ward (Mr. Portman)	Middle Ward (Mr. Miller)	Lower Ward (Mr. Shillito)
House to house inspections ...	86	189	106	188	89	166
Re-inspections ... ..	1251	1144	939	898	1208	1120
Drains examined, tested, etc....	74	59	153	156	111	124
Drains unstopped ... ..	27	29	29	30	20	209
Drains re-constructed & repaired	33	16	16	25	45	29
Disconnecting traps inserted ...	2	...	...	1	5	9
Soil pipes and drains ventilated	4	2	35	5	19	32
R.W. pipes, wastes, etc., disconctd.	5	3	65	5	23	63
Dust bins provided ... ..	27	29	53	21	27	41
Roofs repaired ... ..	55	56	120	22	50	58
Gutters repaired and renewed ...	62	26	66	20	21	38
Cisterns cleaned, repaired, etc....	17	10	35	7	10	53
W.C. new apparatus provided...	15	8	21	4	19	115
W.C. repaired, cleaned, etc. ...	15	26	73	5	14	19
W.C. Water Fittings repaired ...	31	29	31	17	11	37
Yards paved and drained ... ..	24	31	76	15	30	34
Premises cleaned, etc. ... ..	71	179	205	59	146	370
Ventilation below floor provided..	6	8	86	2	2	6
Defective window frames and sashes ... ..	29	34	92	5	24	73
Other defects ... ..	42	65	81	15	60	...
Smoke observations ... ..	10	9	23	48	19	8
Overcrowding ... ..	4	...	2	...	...	8
Accumulations of refuse ... ..	29	3	8	7	8	8
Visits in connection with cases of infectious disease (including Tuberculosis) ... ..	149	139	153	101	192	196
Rooms inspected after disinfection	22	52	84	71	70	63
Other inspections, etc. ... ..	98	39	361	22	128	104
Factories, No. of inspections ...	35	48	13	11	20	36
Workshops & workplaces „ ...	49	81	22	6	23	70
Laundries „ ... ..	14	7	4	...	4	...
Dairies, etc. „ ... ..	98	39	18	40	54	40
Cowsheds „ ... ..	...	...	...	2	10	4
Bakehouses „ ... ..	25	23	22	15	52	39
P.H. urinals „ ... ..	150	25	34	84	83	12
Stables and Mews „ ... ..	155	60	36	3	82	40
Complaints investigated ... ..	131	109	323	247	89	170
Appointments ... ..	71	161	85	10	60	203
School inspections ... ..	6	...	2	4	5	...
Pawnbrokers ... ..	3	...	...	...	...	4
Common Lodging Houses ... ..	...	...	...	15	...	26
Slaughterhouses ... ..	...	86	18	30	...	52
Knackers Yards ... ..	...	...	...	25	...	...
Brooks and Watercourses ... ..	6	...	...	5	10	6
Butchers' shops ... ..	127	42	27	139	77	49
Fishmongers' shops ... ..	121	21	17	64	72	50
Fruiterers' shops ... ..	98	13	9	18	53	47
Ice Cream premises ... ..	4	5	7	1	3	16



## SANITARY WORK CARRIED OUT BY FEMALE SANITARY INSPECTOR.

Visits to Outworkers' Premises ... ..	809
„ Workshops ... ..	126
„ Laundries ... ..	2
„ Factories ... ..	8
Complaints investigated ... ..	114
Visits re Infectious Diseases ... ..	6
Miscellaneous visits ... ..	19
Reinspections ... ..	567
Swabs taken ... ..	554
S. F. contacts examined ... ..	307

## FACTORY AND WORKSHOP ACT, 1901.

In compliance with section 132, I have to submit a *resumé* of the work effected during the year—under the provisions of the above Act—in the form prescribed by the Home Office :—

### 1.—*Inspection of Factories, Workshops and Workplaces.*

#### INSPECTIONS MADE BY SANITARY INSPECTORS.

Premises	Number of		
	Inspections	Written Notices	Prosecutions
Factories (including Factory Laundries)	161	61	...
Workshops (including Workshop Laundries)	401		
Workplaces (other than outworkers' premises included in Part 3 of this Report).			
Total ... ..	562	61	...

## 2.—Defects Found.

Particulars	Number of Defects			Number of Prosecutions
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts*—</i>				
Want of Cleanliness ... ..	48	48	...	...
Want of ventilation ... ..	...	...	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors ... ..	...	...	...	...
Other nuisances ... ..	9	7	2	...
Sanitary accommodation {	insufficient ... ..	4	4	...
	unsuitable or defective ... ..	4	5	..
	not separate for sexes ... ..	2	4	...
<i>Offences under the Factory &amp; Workshop Act</i>				
Illegal occupation of underground bake-houses (s. 101) ... ..	...	...	...	...
Breach of special sanitary requirements for bakehouses (s.s. 97 to 100) ... ..	4	4	...	...
Other offences (excluding offences relating to outwork which are included in Part 3 of this Report) ... ..	...	...	...	...
Total ... ..	71	72	2	...

\* Including those specified in sections 2, 3, 7 and 8, of the Factory and Workshop Act as remediable under the Public Health Acts.

### 3.—Home Work.

OUTWORKERS' LISTS, SECTION 107 .. .. .										Number of Inspections of Outworkers' Premises .. .. .	Outwork in Unwholesome Premises, Section 108			Outwork in Infected Premises, Sections 109, 110	
Nature of Work	Lists received from Employers				Number of Addresses of Outworkers received from other Councils	Number of Addresses of Outworkers forwarded to other Councils	Prosecutions		Instances		Notices served	Prosecutions	Instances	Orders made (Sec. 109)	Prosecutions (Secs. 109, 110)
	Twice in the year		Once in the year				Failing to keep or permit inspection of Lists	Failing to send Lists							
	Total Lists	Outworkers	Total Lists	Outworkers											
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Wearing Apparel .. .. .	16	154	8	27	525	80	..	..	626	..	..	..	..	..	..
Boots and Shoes .. .. .	6	80	..	..	19	79	..	..	20	..	..	..	..	..	..
Stationery .. .. .	..	..	2	8	..	2	..	..	6	..	..	..	..	..	..
Cardboard, etc., Boxes .. .. .	2	24	..	..	6	7	..	..	23	..	..	..	..	..	..
Brushes .. .. .	2	4	..	..	13	4	..	..	13	..	..	..	..	..	..
Smallware .. .. .	2	30	..	..	..	28	..	..	2	..	..	..	..	..	..
Upholstery .. .. .	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..
Furs .. .. .	..	..	..	..	15	..	..	..	15	..	..	..	..	..	..
Umbrellas .. .. .	..	..	..	..	6	..	..	..	6	..	..	..	..	..	..
Ornamental Confectionery .. .. .	..	..	..	..	1	..	..	..	1	..	..	..	..	..	..
Fancy Goods .. .. .	..	..	1	2	25	1	..	..	26	..	..	..	..	..	..
Artificial Flowers .. .. .	..	..	..	..	11	1	..	..	10	..	..	..	..	..	..
Xmas Crackers .. .. .	2	64	..	..	2	15	..	..	51	..	..	..	..	..	..
Sports Goods .. .. .	..	..	..	..	3	..	..	..	3	..	..	..	..	..	..
Leather Goods .. .. .	..	..	..	..	6	..	..	..	6	..	..	..	..	..	..
Totals .. .. .	30	356	11	37	633	217	..	..	809	..	..	..	..	..	..



## 4.—Registered Workshops.

Workshops on the Register (s. 131) at the end of the year	Number
Workshops ... ..	133
Laundries ... ..	28
Bakehouses ... ..	63
Total number of Workshops on Register ... ..	224

## 5.—Other Matters.

Class	Number
Matters notified to H.M. Inspector of Factories :—	
Failure to affix Abstract of the Factory and Workshop Act (sec. 133) ... ..	3
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5) ... ..	21
Notified by H.M. Inspector ... ..	21
Reports (of action taken) sent to H.M. Inspector ... ..	21
Other ... ..	...
Underground Bakehouses (s. 101) :—	
Certificates granted during the year ... ..	...
In use at the end of the year ... ..	4

NOTE.—The Factory and Workshop Act, 1901 (s. 132), requires the Medical Officer of Health in his Annual Report to the District Council to report specifically on the administration of that Act in workshops and workplaces, and to send a copy of his Annual Report, or so much of it as deals with this subject, to the Secretary of State (Home Office),

## HOUSING.

## New Houses erected during the Year.

By private builders (no State assistance) ... ..	60
By the London County Council (State assistance) ... ..	120
	<hr/>
	180
	<hr/>

## Unfit Dwelling Houses.

Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...	2645
Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910 ... ..	824
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... ..	18
Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation ... ..	1322

## Remedy of Defects without service of formal notices.

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... ..	1041
--	------

## Action under Statutory Powers.

(a) Proceedings under Section 28 of the Housing, Town Planning, &c. Act, 1919.

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	220
(2) Number of dwelling-houses which were rendered fit—	
By owners ... ..	213
By Local Authority in default of owners	2

(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close ... ..	—
---	---

(b) Proceedings under Public Health Acts.

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ... ..	74
---	----

(2) Number of dwelling-houses in which defects were remedied—	
---	--

By owners ... ..	72
------------------	----

By Local Authority in default of owners	—
---	---

(c) Proceedings under Sections 17 and 18 of the Housing, Town Planning, &c. Act, 1909.

(1) Number of representations made with a view to the making of Closing Orders ... ..	18
---	----

(2) Number of dwelling-houses in respect of which Closing Orders were made ... ..	2
---	---

(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ...	—
--	---

(4) Number of dwelling-houses in respect of which Demolition Orders were made ...	4
---	---

(5) Number of dwelling-houses demolished in pursuance of Demolition Orders ... ..	2
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Tottenham Maternity and Child  
Welfare Committee.



ANNUAL REPORT

for the year 1923.

## LIST OF MEMBERS OF COMMITTEE.

Mr. W. W. LEWIN, J.P. (Chairman).  
Mr. H. FARTHING (Vice-Chairman).  
Mrs. F. C. BRIGHTEN.  
Mr. J. BRISTOW.  
Mr. O. F. BROADWAY.  
Mrs. A. E. COOK.  
Miss R. F. COX.  
Mr. T. ELDERFIELD.  
Rev. T. W. OSWALD-HICKS, B.A.  
Mr. M. E. JAMES.  
Major P. B. MALONE, M.P., J.P.  
Mr. W. E. MONTAGUE.  
Mr. E. J. MORLEY.  
Dr. A. G. NEWELL, D.P.H.  
Mr. A. REED.  
Mr. C. WISE.

## CO-OPTED MEMBERS :—

Mrs. H. BYERS.  
Mrs. F. M. HOPPER.  
Mrs. E. S. SCHIEFER.  
Mr. F. E. SHARLAND.  
Mr. S. TIMMS.  
Miss E. M. VERNON.



## Infant Welfare and Maternity Centres.

### **BRUCE CASTLE, BRUCE CASTLE PARK.**

#### **INFANT WELFARE CLINICS.**

Monday Afternoon	...	...	2 to 5 o'clock
Tuesday Afternoon	...	...	2 to 5 „
Wednesday Afternoon	...	...	2 to 5 „
Thursday Morning	...	...	9.30 to 12 „

A MATERNITY CLINIC FOR EXPECTANT MOTHERS  
is held on :—

Tuesday Morning	...	...	9.30 to 12 o'clock
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### **THE CHESTNUTS, CHESTNUTS PARK.**

#### **INFANT WELFARE CLINICS.**

Tuesday Afternoon	...	...	2 to 5 o'clock
Wednesday Morning	...	...	9.30 to 12 „
Wednesday Afternoon	...	...	2 to 5 „
Thursday Afternoon	...	...	2 to 5 „
Friday Afternoon	...	...	2 to 5 „

MATERNITY CLINICS FOR EXPECTANT MOTHERS  
are held on :—

Tuesday Afternoon	...	...	2 to 5 o'clock
Friday Morning	...	...	9.30 to 12 „

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### **TOWN HALL CENTRE.**

#### **INFANT WELFARE.**

Wednesday Afternoon	...	...	2 to 5 „
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**DAY NURSERY, 240 St. Ann's Road.**

**Open Daily from Monday to Friday inclusive, from 8 a.m. to 6 p.m.**

In addition to the above Clinics, a Sewing Class for Mothers who attend the Centres, is held on Wednesday afternoons at The Chestnuts, and at Bruce Castle.

# INTRODUCTION.

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Medical Officer's Department,

Town Hall, Tottenham, N. 15.

*April, 1924.*

To the Chairman and other Members of  
The Maternity and Child Welfare Committee.

Ladies and Gentlemen,

It is gratifying to report that the Infant Mortality during 1923 was the lowest yet recorded, namely 58·1 per 1,000 births. Of the 180 deaths 91 occurred within the first month and may be considered as due to prenatal conditions operating after birth. Puerperal fever and other accidents of pregnancy accounted for 7 deaths of mothers. The means available for avoiding these neo-natal and maternal deaths, namely the ante-natal clinic and the District Maternity Home are not taken advantage of to the extent that they ought. It appears to me that it will be from the fuller use of these provisions that improvement in the infant and maternity mortality rate may be anticipated. My conviction is that every primiparous woman, at least, ought to seek the advantages that a maternal hospital confers. Too often the health of the woman is prejudiced by hasty delivery resulting from the clamour of the patient or her relatives. Natural processes are not permitted to operate and the mother suffers from the effects of precipitancy for the rest of her days.

The remedy is institutional treatment, where everything necessary is available and surgical cleanliness is observed ; the patient is away from her domestic anxieties and there is no sympathetic interference with the practitioner's judgment.

It will be noted that 80% of the infants under the supervision of the health visitors were breast fed for six months or over. This is a



gratifying record. It is one of the most important functions of the visitors to ensure that mothers breast feed their infants. There is a tendency for mothers to resort too readily to artificial feeding, assuming that they are not going to be able to suckle their children, without making any serious attempt to do so. It is no easy matter to overcome this tendency, and that so much has been accomplished is satisfactory.

The Centres continue to fulfil their useful functions, the attendances being 1,500 more than last year, notwithstanding a declension in the number of births.

I have to express my thanks, for their generous support, to all who have been associated with me in the work coming within the purview of your Committee.

Yours faithfully,

*David C. Sir Rhope.*

Medical Officer of Health.



## BIRTHS, 1923.

## LIVE BIRTHS.

Registrar General's Figures—M	...	...	...	...	1,617
F	...	...	...	...	1,476
					<hr/> 3,093 <hr/>

## Local Information :—

Live Births notified	...	...	...	...	2,975
Still Births	...	...	...	...	61
					<hr/> *3,036 <hr/>

## \*Births outside the District included in above :—

Council Cases in District Maternity Home	...	...	58
Other cases notified from District Maternity Home	...		221
Notified from other outside Institutions	...	...	130
			<hr/>
			409

The Registrar's and the local figures do not agree because they relate to different periods. The local notifications are those of children born within the year. The Registrar's figures are those of children registered within the year—i.e.—within 42 days of birth.

## BREAST FEEDING.

As the result of the Health Visitors' enquiries, it was ascertained that the infants have been fed as follows :—

Breast-fed for 6 months, or over	...	...	...	2,374
Part breast-fed—plus milk, dried milk, or condensed...				193
Bottle-feeding—cows' milk	...	...	...	129
Dried milk	...	...	...	112
Other artificial foods		...	...	98
				<hr/> 2,906

The difference between the notified live births, 2,975, and the total feedings, 2,906, is due to information being unavailable, owing to deaths under 1 year of age or removals from the District.

## MATERNITY AND CHILD WELFARE.

The work of the MATERNITY AND CHILD WELFARE STAFF is set out in tabular form hereunder :—

### HOME VISITS MADE UNDER THE NOTIFICATION OF BIRTHS ACTS AND MATERNITY AND CHILD WELFARE ACT.

	Children under 1 year		Children over 1 year		Total
	1st Visits	Re-visits	1st Visits	Re visits	
Notification of Births ...	3,335	8,517	346	18,327	30,525
Still-births ... ..	57	17	—	—	74
Deaths ... ..	26	25	4	5	60
Ophthalmia Neonatorum...	15	43	—	—	58
†Other Infectious Diseases	38	86	78	153	355
Total ... ..	3,471	8,688	428	18,485	31,072
	Maternity Visits—				
	1st Visits	Re-visits			
Ante-Natal ... ..	367	332	—	—	699
Post-Natal ... ..	388	759	—	—	1,147
Puerperal Fever ... ..	3	4	—	—	7
	Other Visits				
	1st Visit	Re-Visits			
	*326	202	—	—	528
Total Visits ... ..	—	—	—	—	33,453

†Other Infectious Diseases include measles and German measles.

\*Other visits and revisits include visits to hospital with swabs in connection with suspected contagious disease; massage cases, complaints of neglect and inspection of premises as to their suitability for nursing of children after operation and visits for assisted milk supply.



# INFANT WELFARE CLINICS.

	Total Attendances	New Cases	No. of Sessions		Average Attendance per Session		No. of Children on the Register 1—5 yrs.
			Morning	Aft'noon	Morning	Aft'noon	
St. Ann's ...	15,159	900	50	206	39·62	63·97	1,745
Bruce Castle ...	11,898	836	52	146	47·86	64·44	1,560
Town Hall ...	1,906	131	—	48	—	39·7	269
Total ...	28,963	1,867	102	400	—	—	3,574

Medical Inspections	Total Number	New Cases	Number of Sessions	Average No. of Inspections per Sessions
St. Ann's ... (The Chestnuts)	4,031	827	152	26·52
Bruce Castle...	2,512	643	100	25·12
Town Hall ...	—	—	—	—
Town Hall ...	6,543	1,470	252	—

## *Infant Mortality of Infants Attending the Infant Welfare Centre during 1923*

Centre	No. on Register Under 1 Yr. of age	Deaths of Infants Under 1 Yr. of Age	Infantile Death-rate
St. Ann's...	1,020	*17	16·6
Bruce Castle ...	456	6	13·15
Town Hall ...	183	—	—
	1,659	23	All Centres :— 13·86 Average Death-rate per 1,000

\*Includes babies referred for Medical Examination from the Town Hall Clinic.



## ANTE AND POST NATAL CLINICS.

Medical Examinations	Ante Natal	Post Natal	Total	Number of Sessions	Average Attendance per Session
St. Ann's ...	956	384	1,340	100	13.4
Bruce Castle ...	519	187	706	49	14.4
Total ...	1,475	571	2,046	149	—
<i>New Cases</i>					
St. Ann's ...	249	131	380	—	—
Bruce Castle ...	114	51	165	—	—
	363	182	545	—	—

## DINNERS TO EXPECTANT AND NURSING MOTHERS.

Dinners to expectant and nursing mothers, and to children under 5 years of age, in necessitous cases have been given as follows :—

Number of Dinners Served ;—			In respect of—	Contributions towards cost
To Expectant and Nursing Mothers	To Toddlers	Total		
2,586	1,528	4,114	61 mothers 33 toddlers	12s. 7d.

## MATERNITY HOMES AND HOSPITALS.

The arrangements with the Guardians, whereby Tottenham patients are admitted to the Maternity Home is still active and satisfactory.

The following table sets out the number of cases treated in this institution subsidised by your Committee, and the details relating to them :—

Admitted to the District Maternity Home, Edmonton	Confinements—		Total	Delivered by		Total
	Live Births	Still Births		Mid-wives	Doctors	
57	*55	3	58	54	3	57

\*The difference between the 57 confinements and the 58 births is accounted for by the birth of twins.

Notified as Puerperal Sepsis	Maternity Deaths	No. of cases in which temperature rose above 100·4	Notified as Ophthalmia Neonatorum	Inflammation of the eyes	Not Entirely breast-fed
Nil	Nil	Nil	Nil	Nil	Nil

Causes of still births.—1, Prolapse of cord ; 2 and 3, Fœtus macerated.

Cost of patients admitted to Maternity Home ...	£276 12 0
Contributions by patients towards maintenance ...	£223 14 0
Net cost to Council ... ..	£52 18 0

Average duration of stay, 16·19 days.

### CRÈCHE ATTENDANCES.

The attendances from January 1st to December 31st, 1923, were as follows :—

Number of days on which the Creche was opened, 229.

Quarter	Attendances under 3 years of age	Attendances over 3 years of Age	Total
January 1st to March 31st ... ..	1,390	666	2,056
April 1st to June 30th ... ..	1,222	587	1,809
July 1st to September 30th... ..	1,346	598	1,944
October 1st to December 31st ...	1,327	768	2,095
	5,285	2,619	7,904

Average daily attendance, 34·51



Applications for assistance have been dealt with as follows :—

Assistance Granted	Number of Cases	Cost		
		£ s. d.		
{ Convalescent Home Treatment ...	3	7	14	9
{ Invalid Children's Aid Association ...	32	97	17	11
Midwives' Fees ... ..	7	8	12	6
Home Helps ... ..	6	5	1	0
*Assistant Milk Supply :—				
Fresh Milk ... ..	—	1,704	10	4
Dried Milk ... ..	—	123	10	7

\*The cost of this item is calculated for the financial year ending 31st March, 1924.

## VOLUNTARY SERVICES.

The 'Mothers' Welfare Club continues at The Chestnuts and Bruce Castle.

In May a Ladies' Visiting sub-committee, consisting of all the ladies of the Committee was appointed. This sub-committee has reported from time to time on the following matters, namely :—

- (a) Renewal of garments and utensils at the crèche.
- (b) Disposal of voluntary contributions.
- (c) Management of voluntary activities.

Baby Competitions were held in the month of September at all the centres. Towards the prizes, your Committee contributed £25. Other donations were received amounting to £5. 5s.

Mrs. Pickford has rendered valuable services at The Chestnuts sewing class, as in previous years.

Miss Cremolina has kindly assisted with sewing at the crèche, and Miss M. Camm in the afternoons with the children in the shelter.



*The mothers attending the centres have benefited by the following gifts :—*

From the Harringay Brotherhood £3. 17s. 4d., together with 6 parcels of clothing.

From a parent in the Lower Ward, 10s., which was added to the mothers' social fund at Bruce Castle.

From Crowland Road Girls' School and Tottenham High School, gifts of clothing.

#### FOR THE CRÈCHE :—

The children have benefited from gifts from Mrs. Schiefer and Councillor E. J. Morley, and from the nursing staff and the staff at the crèche. A Xmas party was also arranged and given to the children by the matron.

# Tottenham Education Committee.



## ANNUAL REPORT OF THE SCHOOL MEDICAL OFFICER FOR 1923.

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### MEMBERS OF THE COMMITTEE.

Mr. T. ELDERFIELD (Chairman).

Mr. T. INGLIS (Vice-Chairman).

Mr. I. AKKER.

Mr. O. F. BROADWAY.

Mr. C. E. BROWN.

Mrs. A. E. COOK.

Miss R. F. COX.

Mr. G. DUDMAN.

Mr. H. FARTHING.

Mr. E. FROST.

Mr. A. E. HARVEY.

Mr. W. R. JACKSON.

Mr. W. W. LEWIN, J.P.

Major P. B. MALONE, M.P., J.P.

Dr. A. G. NEWELL, D.P.H.

Mr. A. REED.

Mr. T. VICKERY.

Mr. C. WISE.

Miss E. GOWAN, B.A.

Mr. F. E. SHARLAND.



## INTRODUCTION.

School Medical Department,  
Town Hall,  
Tottenham.

*March, 1924.*

To the Chairman and other Members of the Tottenham  
Education Committee.

Ladies and Gentlemen,

The Annual Report for 1923 is not expected by the Board of Education to be of a discursive nature. In concise form, chiefly tabular, the nature and amount of the work will be indicated.

Although there has been no extension of the School Medical Services during 1923, plans have been laid and preliminary measures taken to consolidate all the Health Services of the district coming within the purview of the Council. When these measures have been brought to their full activity, they will result in considerable economy and an enhanced degree of efficiency.

It is within the knowledge of your Committee that there are a considerable number of small private schools in the district. These cater for young children mostly, and the living rooms of private dwellings are made to serve the purpose of school rooms. As, of course, the main object of these establishments is to earn money, and, as statute does not definitely prescribe the air space to be provided in respect of each school child, there is the inducement to pack these rooms with scholars of tender years. In addition, these houses are without lavatory and W.C. accommodation for school purposes, and I recommend the Committee to urge in the proper direction, that these schools be brought compulsorily under the supervision of the Local Elementary Education Authority, whose powers should extend to licensing or disapproving for school purposes premises other than school buildings.

The health of the school children is well maintained and the vigilance of your medical staff is such that there appears to be no reason why every child suffering from any defect should not receive the treatment necessary for its malady. The clinics provided by your Committee and



the arrangements made with other Authorities appear practically to cover every phase of medicine and surgery such as is necessary for the treatment of the diseases of childhood.

The staff have worked during the year with their accustomed harmony. The active interest that the members of your Committee take in the work of the department is greatly appreciated.

I am, Ladies, and Gentlemen,

Yours faithfully,

*David C. Kirk Rhone.*

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### SCHOOL MEDICAL SERVICE.

Co-ordination of the work of the School Medical Services with that of other Health Services.

The Council, the Education Committee, and the Maternity and Child Welfare Committee have had before them exhaustive reports upon the Co-ordination of Health Services, and have given their formal approval thereto.

### SCHOOL HYGIENE.

The following report of the Surveyor indicates the improvements effected to school premises.

### SURVEYOR'S REPORT OF IMPROVEMENTS CARRIED OUT FROM 31st MARCH, 1923, TO 31st MARCH, 1924.

#### All Hallows.

Redecorated internally.

Head Teacher's Room.—Compo floor laid. Gas for lighting and heating laid on. Desks and cupboards supplied.

**Bruce Grove.**

Infants' Playground almost wholly reconstructed and lowered to remove a dangerous hump.

**Bruce Castle Clinic.**

Alterations to rooms to form suitable accommodation for Eye Specialist.

**Coleraine Park.**

Redecorated internally and externally.

Boys' and Infants' Departments.—Windows in classrooms lowered. Hall.—Ventilation improved.

Boys' Playground.—Brick wall removed to enlarge the playground.

Girls' Department.—Galleries in all classrooms removed, and lobby provided to give separate access to Room 8.

**Crowland Road.**

Redecorated externally and internally.

**Downhills.**

Central Department.—Classrooms altered to form Chemical, Physics and Demonstration Room.

Junior Girls' Department.—Teachers' lavatory accommodation provided.

Infants' Department.—Heating arrangements in the Babies' room and two other classrooms improved.

Junior Boys' Department.—Boys' lavatory accommodation renewed and improved.

**Education Offices.**

Gas lighting removed and electric lighting installed.

**Holy Trinity.**

Redecorated internally.



**Lancasterian.**

Redecorated internally and externally.

Boys' Department.—Lighting to classroom improved.

**Page Green.**

Junior Mixed Department.—New playsheds erected.

**Parkhurst Road.**

Concrete galleries removed, and floors levelled in two classrooms.

**Risley Avenue.**

New heating boiler installed.

Central Department.—Provision of an iron roof glazed with wired glass, between Manual Room and Chemical Laboratory, to form cycle shed.

**St. Francis de Sales.**

Redecorated internally.

**St. Ignatius.**

Redecorated internally.

**St. Paul's.**

Girls' and Infants' Department.—Redecorated internally.

Infants' Department.—Galleries removed and floor made level.

**Seven Sisters.**

Girls' Department.—Cloakroom converted into a Teachers' Room.

New heating boiler installed.

**Stamford Hill.**

Fire emergency lobby provided in the Hall.

Boys' Department.—One large classroom converted into two rooms; old floor in front of gallery removed and relaid with jointless Compo flooring.



## Playgrounds.

The playgrounds at the following schools have been given attention :

St. Ann's Infants', Belmont Road Boys', Culvert Road Boys',  
Girls' and Infants', Downhills Boys', Lancasterian Boys',  
Risley Avenue Boys', Girls' and Infants', Woodlands Pk. Boys'.

## School Furnishing.

Furniture has been supplied as follows :—

- (a) **Belmont Road.** Three adjustable tables.
- (b) **Downhills Central.** Two benches for Physics Room.  
Two do. for Chemical Lab.  
Six tables for Needlework Room.

In addition to the above, Cupboards, Screens, Remedial Forms and Blackboards, have been made and supplied.

## MEDICAL INSPECTION.

The details of medical inspections and the subsequent following-up and treatment of children found to be defective are set out in tabular form at the end of this report.

## INFECTIOUS DISEASE.

Notifications under the Infectious Disease Notification Acts, 1889-1899, were received in respect of the following diseases occurring amongst children of school age, with the noted frequency :—

Scarlet Fever	...	...	...	...	...	...	233
Diphtheria	...	...	...	...	...	...	156
Enteric Fever	...	...	...	...	...	...	1
Erysipelas	...	...	...	...	...	...	5

**Voluntary Notifications.**—The following cases were voluntarily notified by teachers and attendance officers during the year :—

Measles ... ..	319	Rash ... ..	13
German Measles ...	18	Sore Throat ... ..	39
Mumps ... ..	400	Tuberculosis ... ..	8
Whooping Cough ...	268	Influenza ... ..	68
Chicken Pox ... ..	398	Eye Diseases ... ..	16
Scarlet Fever ... ..	88	Ringworm of Head...	74
Diphtheria ... ..	47	Ringworm of Body...	12
Diphtheria and Scarlet		Sores and Eczema...	85
Fever ... ..	1	Impetigo ... ..	44
Scabies ... ..	19	Other Diseases ...	312
Skin Diseases ... ..	5	Children excluded owing	
Verminous ... ..	19	to infectious disease	
Tonsilitis ... ..	21	in house ... ..	231
Chorea ... ..	7	Debility ... ..	21
Pneumonia ... ..	12	Otorrhœa ... ..	3

These cases were followed up by the School Nurses and were not readmitted to school until they were free from infection and the possibility of communicating the disease to others.

**Bacteriological Examinations.**—Swabs have been taken from children discharged from Isolation Hospital after diphtheria, and from children who have been in contact with cases of diphtheria, and examined bacteriologically. 638 such examinations were made, 32 were found to be positive, 546 negative, and 60 contained bacteria morphologically similar to Klebs Lœffler bacilli.

**Microscopical Examinations.**—Hairs were taken from children who were suspected to be suffering from ringworm in 115 instances and submitted to microscopical examination. 75 were positive.

### FOLLOWING-UP.

The system of following-up school children who have been found to be defective is the same as in the previous year.

### UNCLEANLINESS AND VERMINOUS CONDITIONS.

The arrangements for cleansing of children is the same as in the year 1921. There are two slipper baths for the bathing of the children, and the clothing is simultaneously disinfected at the Council's Disinfecting Station adjoining.

During the year 161 children were cleansed; 26 in respect of



verminous conditions and 135 owing to the children being in a dirty state, generally.

With regard to nits and vermin in the hair the procedure varies according to the frequency with which the same child is brought under scrutiny. Repeated offences lead to the exclusion of the child from school until the Medical Officer is satisfied that a remedy has been effectually applied. Alternatively, a Statutory Notice is served upon the parent, under the Children Act, and the nits are cut away from the hair.

Children brought under notice for the first or second time with nits or vermin in the hair are advised how to have the hair cleansed or are assisted in the actual cleansing.

Prosecutions under the School Attendance Bye-laws were undertaken in connection with verminous conditions in 18 cases. Fines were inflicted in respect of 14 of these cases, and 4 Attendance Orders were made.

99 Notices were served under Section 122 of the Children Act, 1908, in respect of verminous conditions.

## MEDICAL TREATMENT.

The system of administering medical treatment in respect of defects found amongst school children has not been modified during the year in any particular. Some modifications are in contemplation, but will not be brought into effect until next year. They relate to the Institutional treatment of certain diseases in respect of which some measure of risk attaches to the treatment; for instance, the operative treatment of tonsils and adenoids, and the X-Ray treatment of ringworm.

In respect of otorrhœa your Committee has given its formal sanction, and the Board of Education has given its consent, to the treatment by ionic medication, at our centre, of this complaint which has proved one of the most difficult problems with which the department has been confronted. The centre is being equipped and the treatment will be brought into operation at an early date.

The Board of Education has at length given its permission for the opening of two classes for physically defective children in Tottenham. It is expected that by this means some 40 or 50 children, who are at present either receiving no education, or are receiving education at an elementary school at some measure of risk to themselves, will be instructed under more advantageous conditions. It is anticipated that these classes will be available for suitable scholars after next Easter recess.



## OPEN-AIR EDUCATION.

*The following Report, with respect to Open-Air Education, has been received from the Director of Education :—*

### 1. SCHOOL JOURNEYS AND HOLIDAY CAMPS.

The Scheme for 1923, approved by the Board of Education, sanctioned five School Journeys and provided for financial assistance from the Education Committee not exceeding £187 10s. in all.

The sum actually paid was £185.

(In 1922 an expenditure of £187 10s. was approved and £138 17s. was spent. In 1921 £250 was approved and £209 10s. spent. In 1920 the amounts were £300 approved and £221 spent).

The following are brief particulars of the Journeys carried out. That proposed by All Hallows Boys' School had to be abandoned.

#### 1. Down Lane Central School.

96 First Year girls, in three parties, spent a week in April and May at Dunford House, Midhurst, Sussex, the holiday home of the London School of Economics.

Excursions were made to Heyshott for the South Downs, Midhurst, Chichester, Arundel and Bognor.

I visited Dunford House during the stay of one of the parties and accompanied the girls to Chichester and Arundel. The house was most suitable for the accommodation of a school party and the neighbourhood was full of beauty and interest. Excellent arrangements had been made for the comfort and convenience of the party.

In July 60 Third Year girls spent a fortnight at Bangor, N, Wales, where they were accommodated at Bron Castell, one of the hostels of the University College.

The Authorities of the University and those in charge of the hostel attended admirably to the needs of the girls, who lived the life of University students during their visit.

Mr. Johns, H.M.I., visited the party at the request of the Board of Education and gave them valuable advice and assistance. The girls

were entertained by Lady Verney at her Welsh home. The Dean of Bangor, who had observed the party at the Cathedral services, visited them at the hostel.

Excursions were made to Aber, Bethesda, Bettws-y-Coed, Anglesey, Beddgelert and the Aberglaslyn Pass.

The total cost of the Journeys of this school amount to £501, of which £135 was contributed by the Committee. The balance was raised by the parents of the scholars, teachers, and by the organisation of Concerts, Sales of Work, &c. The task of raising £365 is a heavy one but the Head Mistress and Staff are strongly of opinion that the benefits derived from the journeys make the effort worth while.

## 2. St. Paul's Girls' School.

A party of 20 girls spent a fortnight at Folkestone, where the history and geography of the district were studied.

Visits were paid to Dover, St. Margaret's Bay, Sandgate, and Hythe, Boulogne, Canterbury, Dymchurch, &c.

The total cost of the journey was £77 15s., of which £25 was contributed by the Committee.

## 3. Risley Avenue Central School.

A party of boys from this school spent a week at Swanage for the study of the geography and geology of the Isle of Purbeck and neighbourhood.

Visits were paid to Lulworth Cove, Corfe Castle, Studland Bay, &c.

Maps, models and guide books prepared for this journey were selected by the Board of Education Inspectors for display at the Educational Exhibition organised by the Board last year. The exhibit received high praise in the educational papers.

The cost of the journey was £52 13s., of which £25 was contributed by the Committee.

All these journeys were admirably organised by the school staffs. From personal interviews with parents and from the reading of communications from many of them I am satisfied that they much appreciate the difficult work undertaken by the teachers for the educational and social benefit of their children.



## 2. OPEN-AIR SCHOOLS AND CLASSES.

The Open-Air Class which has been conducted during several summers in the Bandstand at Downhills Park was again in operation from May to October, 1923. About 30 scholars, selected by the Medical Officer's staff, were in attendance. The educational and physical results of the class were very satisfactory.

An undeveloped school site at Orchard House, Park Lane, was again used for the purpose of Open-Air work in connection with Coombes Croft Temporary Boys' School. All the classes of the school shared these facilities. The opportunities offered afforded a welcome relief from the occupation of unsuitable and depressing premises, the use of which is to terminate on 31st March, 1924.

## 3. PLAYGROUND CLASSES.

Playground classes were held, when the weather was suitable, at Page Green Junior Mixed School and Coleraine Park Girls' School, where suitable shelters have been erected.

## 4. PHYSICAL EXERCISES.

Full attention continues to be given to Physical Training in all the schools. Many departments are organised so as to permit of the instruction in several classes being given by teachers who have special qualifications and aptitude for the work.

In the three Central Schools, each of which has a specially trained Instructor, gymnastic apparatus has been provided and a carefully devised scheme of instruction is in operation.

A public display of Physical Exercises and Country Dancing, given at the Annual Schools' Sports in September, was very successful in calling attention to the excellent work done in the schools.

## PROVISION OF MEALS.

The same arrangements apply this year as last year.

## SCHOOL BATHS.

The public baths are made available for school children on special days at special rates.



## CO-OPERATION OF PARENTS.

There is nothing to add to my statement of previous years under this heading.

## CO-OPERATION OF TEACHERS.

The teachers in general are well-disposed towards the School Medical Services. The amount of clerical work entailed, however, has proved at times irksome to certain of them and a conference was arranged between the department and their representatives in order that the difficulties might be mitigated.

## CO-OPERATION OF SCHOOL ATTENDANCE OFFICERS.

The school attendance officers give their whole-hearted support to the medical department and the superintendent, Mr. Lewis, by his courtesy and enthusiasm has proved a valuable ally to this department.

## CO-OPERATION OF VOLUNTARY BODIES.

The Invalid Children's Aid Association has provided for the maintenance of children at Convalescent Homes and the supply of surgical instruments, as follows :—

**Convalescent Home Treatment.**—During the year, 260 children were sent away for varying periods, namely :—

No. of weeks ... ..	1	2	3	4	5	6	7	8	9	10	11	12
No. of Children ... ..	1	9	16	53	23	44	16	37	6	17	7	6
No. of weeks ... ..	13	14	15	16	17	18	19	21	23	—	—	—
No. of Children ... ..	8	5	1	2	2	1	1	4	1	—	—	—

In 17 of these cases the treatment has been continued in 1924.

The following table gives the affections on account of which children received convalescent treatment :—

Debility ... .. 37	Chorea ... .. 17
Pre-tubercular Debility ... 25	Enlargement of Glands... 16
Debility aft. Infectious Disease 16	Rheumatism ... .. 7
Post-operative Debility ... 15	Accidents ... .. 4
Post-Pneumonic Debility ... 6	Tonsilitis ... .. 1
Anaemia and Debility... .. 19	Amputation of Leg ... 1
Heart Affections and Anaemia 14	Dyspepsia ... .. 2
Bronchitis and Bronchl. Catarrh 43	Paralysis ... .. 4
Broncho-pneumonia ... .. 3	Henoch's Purpura ... 1
Bronchiectasis ... .. 1	Nephritis ... .. 1
Pleurisy ... .. 2	Haemophilia ... .. 1
Asthma ... .. 3	Fainting Attacks ... 1
Other Non-tubercular Lung Dis. 3	Severe Headaches ... 1
Tuberculosis :—	Marasmus ... .. 4
Glands ... .. 2	Spinal Curvature ... 1
Peritoneum ... .. 1	Appendicitis ... .. 3
Hip ... .. 3	

**Provision of Surgical Instruments.**—Surgical appliances were supplied, and repairs and replacements carried out in respect of the following defects :—

Infantile and other forms of	Pes Cavus ... .. 11
Paralysis :— ... .. 82	Other forms of Deformed
Tuberculosis :—	Feet ... .. 8
Hip ... .. 5	Amputation stump ... 3
Knee ... .. 6	Rickety Deformities ... 12
Ankle ... .. 1	Hammer-toes ... .. 6
Spine ... .. 1	Weak Ankles ... .. 11
Flat-foot ... .. 11	Other cases ... .. 17
Club-feet ... .. 7	

**Blind, Deaf, Defective and Epileptic Children.**—The same conditions prevail in relation to these cases as hitherto.

There are 48 children from this district being maintained in Special Residential Schools. Ten of these are crippled and physically defective children, 17 blind, 14 mentally defective, 4 epileptic, and 3 deaf and dumb. One blind, and one mentally defective child attend Special Day Schools in an adjoining district.



## SECONDARY SCHOOLS.

Table I, page 15, sets out the number of children, under their separate ages, examined in the secondary schools during the year.

Tables 2—6, pages 16—19, show in detail the defects discovered during the inspections, and the number of defective children who were subsequently found to have received treatment.

## REMEDIAL EXERCISES.

922 children suffering from the undermentioned defects have been treated ; 124 were cured, and the remainder were very much benefited by the treatment given.

Curvature of Spine (threatened and established) ... ..	137
Round Shoulders ... ..	116
Other cases of deformity (flat foot,, torticollis, disparity of shoulders, defective development of chest, infantile paralysis, etc.) ... ..	669

## FOOD ACCESSORIES AND DRUGS.

During the year, Cod Liver Oil, Malt and Oil, Parrish's Food, Syrupus Ferri Iodidi, and Syrupus Calcii Lactophosphatis have been supplied at the Treatment Centres to necessitous cases recommended by the Medical Officers.

The following quantities have been dispensed at cost price, at less than cost price, or gratuitously, according to circumstances :—

Cod Liver Oil and Malt ... ..	2,737 lbs.
Parrish's Food ... ..	1,473 lbs.
Cod Liver Oil ... ..	2,194 ozs.
Syrupus Ferri Iodidi ... ..	615 ozs.
Syrupus Calcii Lactophosphatis ... ..	313 ozs.

## EXAMINATIONS BY THE MEDICAL OFFICERS.

17 teachers, 1 attendance officer, and 1 assistant caretaker have been examined by the Medical Officers.

7 children have been medically examined and licensed to take part in entertainments.

40 boys, between the ages of 15 and 16 years, have been examined and licenses granted under the Bye-Laws relating to Street Trading.

## SECONDARY SCHOOLS.

TABLE I.—NUMBER OF PUPILS INSPECTED 1ST JANUARY, 1923,  
TO 31ST DECEMBER, 1923.

Ages	Routine Inspections										Specials	Total
	10	11	12	13	14	15	16	17	18	19		
Boys ... ..	16	29	54	5	15	155	20	3	—	—	3	300
Girls ... ..	...	1	12	18	41	162	39	—	—	—	—	273
TOTALS ...	16	30	66	23	56	317	59	3	—	—	3	573



TABLE II.—RETURN OF DEFECTS FOUND IN THE COURSE OF  
MEDICAL INSPECTION IN 1923.

Defect or Disease						Routine Inspections	
						Number referred for Treatment	Number requiring to be kept under Observation, but not referred for Treatment.
(1)						(2)	(3)
Skin.	Malnutrition	...	...	...	...	1	—
	Uncleanliness:—						
	Head	...	...	...	...	5	—
	Body	...	...	...	...	—	—
	Ringworm—						
	Head	...	...	...	...	—	—
	Body	...	...	...	...	—	—
	Scabies	...	...	...	...	—	—
	Impetigo	...	...	...	...	—	—
	Other Diseases (Non-Tubercular)	...	...	...	...	7	—
Eye.	Blepharitis	...	...	...	...	1	—
	Conjunctivitis	...	...	...	...	1	—
	Keratitis	...	...	...	...	—	—
	Corneal Ulcer	...	...	...	...	—	—
	Corneal Opacities	...	...	...	...	—	—
	Defective Vision	...	...	...	...	44	3
	Squint	...	...	...	...	3	—
Ear.	Other Conditions	...	...	...	...	—	—
	Defective Hearing	...	...	...	...	2	—
	Otitis Media	...	...	...	...	2	—
	Other Ear Diseases	...	...	...	...	1	—
Nose and Throat.	Enlarged Tonsils	...	...	...	...	11	2
	Adenoids	...	...	...	...	1	—
	Enlarged Tonsils and Adenoids	...	...	...	...	6	—
Enl. Cervical Glands (Non-Tubercular)	Other Conditions	...	...	...	...	8	2
	Defective Speech	...	...	...	...	3	—
	Defective Speech	...	...	...	...	—	—
Heart and Circulatn.	Heart Disease—						
	Organic	...	...	...	...	1	—
	Functional	...	...	...	...	—	9
Lungs.	Anæmia	...	...	...	...	10	—
	Bronchitis and Bronchial Catarrh	...	...	...	...	—	2
	Other Non-Tubercular Diseases	...	...	...	...	—	—
	Pulmonary—						
Tuber- culosis.	Definite	...	...	...	...	—	—
	Suspected	...	...	...	...	2	—
	Non-Pulmonary—						
	Glands	...	...	...	...	—	—
	Spine	...	...	...	...	—	—
	Hip	...	...	...	...	—	—
	Other Bones and Joints	...	...	...	...	—	—
	Skin	...	...	...	...	—	—
Nervous System.	Other Forms	...	...	...	...	—	—
	Epilepsy	...	...	...	...	—	—
	Chorea	...	...	...	...	—	—
	Other Conditions	...	...	...	...	1	—
Deformi- ties.	Rickets	...	...	...	...	—	—
	Spinal Curvature	...	...	...	...	3	—
	Other Forms	...	...	...	...	16	—
Other Defects and Diseases						17	4

Number of *Individual Pupils* having defects which required treatment or to be kept under observation.

TABLE IV.—TREATMENT OF DEFECTS OF PUPILS DURING 1923.

## A.—TREATMENT OF MINOR AILMENTS.

Disease or Defect.	Number of Pupils.			
	Referred for Treatment.	Treated		
		Under Local Education Authority's Scheme.	Otherwise.	Total
<i>Skin—</i>				
Ringworm—Head ...	—	—	—	—
Ringworm—Body ...	—	—	—	—
Scabies ...	—	—	—	—
Impetigo ...	—	—	—	—
Minor Injuries ...	—	—	—	—
Other Skin Diseases	7	—	6	6
<i>Ear Disease</i> ...	3	—	3	3
<i>Eye Disease—</i>				
External and other	2	—	2	2
Miscellaneous ...	—	—	—	—
TOTAL ...	12	—	11	11

## B.—TREATMENT OF VISUAL DEFECT.

Number of Pupils.									
Referred for Refraction.	Submitted to Refraction				For whom Glasses were Prescribed.	For whom Glasses were Provided	Recommended for Treatment other than by Glasses.	Received other Forms of Treatment	For whom no Treatment was considered necessary
	Under Local Education Authority's Scheme Clinic or Hos.	By Private Practitioner or Hosp.	Other-wise	Total					
46	—	35	—	35	32	32	—	—	3



## C.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

(Enlarged Tonsils and Adenoids)

Referred for Treatment	Number of Pupils.			
	Received Operative Treatment.			Received other Forms of Treatment
	Under Local Education Authority's Scheme—Clinic or Hospital	By Private Practitioner or Hospital	Total	
26	—	3	3	11

TABLE V.—SUMMARY OF TREATMENT OF DEFECTS AS SHOWN IN  
TABLE IV. (A, B and C).

Disease or Defect	Number of Pupils			
	Referred for Treatment	Treated		
		Under Local Education Authority's Scheme	Otherwise	Total
Minor Ailments ... ..	11	—	10	10
Visual Defects ... ..	46	—	33	33
Defects of Nose & Throat	26	—	14	14
Dental Defects ... ..	164	—	75	75
Miscellaneous Defects ...	54	—	46	46
TOTAL ... ..	301	—	178	178







TABLE II. A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31ST DECEMBER, 1923.

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)
Malnutrition ... ..						51	9	56	1
Uncleanliness:— (See Table IV., Group V.) ...						—	—	—	—
Skin	Ringworm:—								
	Scalp ... ..					5	—	124	—
	Body ... ..					6	—	66	2
	Scabies ... ..					2	—	91	—
	Impetigo ... ..					30	—	726	—
Other Diseases (Non-Tuberculous)						38	—	407	8
Eye	Blepharitis ... ..					42	—	121	—
	Conjunctivitis ... ..					14	—	135	—
	Keratitis ... ..					—	—	7	—
	Corneal Opacities ... ..					—	—	11	—
	Defective Vision (excluding Squint)					463	19	385	—
	Squint ... ..					36	2	162	—
	Other Conditions ... ..					10	—	142	—
Ear	Defective Hearing ... ..					33	2	34	3
	Otitis Media ... ..					36	—	267	1
	Other Ear Diseases ... ..					42	—	81	2
Nose and Throat	Enlarged Tonsils only ... ..					229	107	43	5
	Adenoids only ... ..					35	20	36	8
	Enlarged Tonsils and Adenoids ...					364	61	112	41
	Other Conditions ... ..					13	5	148	4
Enlarged Cervical Glands (Non-Tuberculous)						19	32	124	9
Defective Speech ... ..						16	3	4	6
Teeth—Dental Diseases (See Table IV., Group IV.)						—	—	—	—
Heart & Circulation	Heart Disease:—								
	Organic ... ..					10	34	30	18
	Functional ... ..					18	83	24	10
Anæmia ... ..						73	46	293	29
Lungs	Bronchitis ... ..					165	154	523	7
	Other Non-Tuberculous Diseases...					2	1	21	7
Tuber- culosis	Pulmonary:—								
	Definite ... ..					1	—	36	9
	Suspected ... ..					16	5	34	23
	Non-Pulmonary:—								
	Glands ... ..					8	10	19	6
	Spine ... ..					1	—	5	2
	Hip ... ..					2	—	10	3
	Other Bones and Joints ... ..					—	—	8	4
Nervous System	Skin ... ..					1	—	3	—
	Other Forms ... ..					2	1	18	8
	Epilepsy ... ..					1	2	19	15
Deformities	Chorea ... ..					3	1	85	1
	Other Conditions ... ..					14	7	17	7
Other defects and diseases	Rickets ... ..					5	2	10	5
	Spinal Curvature ... ..					19	3	148	—
	Other Forms... ..					52	11	876	2
Total						106	51	1202	182



TABLE II,—*continued.*

B. NUMBER OF *individual children* FOUND AT *Routine Medical Inspection* TO REQUIRE TREATMENT (EXCLUDING UNCLEANLINESS AND DENTAL DISEASES).

GROUP (1)	Number of Children		Percentage of Children found to require Treatment (4)
	Inspected (2)	Found to require Treatment (3)	
CODE GROUPS :—			
Entrants ... ..	4,029	828	20.5
Intermediates ... ..	2,401	516	21.5
Leavers ... ..	2,409	481	19.9
Total (Code Groups) ... ..	8,839	1,825	20.6
Other Routine Inspections ... ..	—	—	—

TABLE III.—RETURN OF ALL EXCEPTIONAL CHILDREN IN THE AREA.

			Boys	Girls	Total
Blind (including partially blind)	(i.) Suitable for training in a School or Class for the totally blind	Attending Certified Schools or Classes for the Blind ...	8	9	17
		Attending Public Elementary Schools ...	—	—	—
		At other Institutions ...	—	—	—
		At no School or Institution ...	1	1	2
	(ii.) Suitable for training in a School or Class for the partially blind	Attending Certified Schools or Classes for the Blind ...	1	—	1
		Attending Public Elementary Schools ...	6	1	7
		At other Institutions ...	—	—	—
		At no School or Institution ...	—	—	—
Deaf (including deaf and dumb and partially deaf)	(i.) Suitable for training in a School or Class for the totally deaf or deaf and dumb	Attending Certified Schools or Classes for the Deaf ...	15	13	28
		Attending Public Elementary Schools ...	—	—	—
		At other Institutions ...	—	—	—
		At no School or Institution ...	1	—	1
	(ii.) Suitable for training in a School or Class for the partially deaf	Attending Certified Schools or Classes for the Deaf ...	1	7	8
		Attending Public Elementary Schools ...	5	14	19
		At other Institutions ...	—	—	—
		At no School or Institution ...	—	—	—
Mentally Defective	Feeble-minded (cases not notifiable to the Local Control Authority)	Attending Certified Schools for Mentally Defective Children ...	7	7	14
		Attending Public Elementary Schools ...	101	65	166
		At other Institutions ...	2	1	3
		At no School or Institution ...	5	8	13
	Notified to the Local Authority during the year	Feeble-minded ...	3	2	5
		Imbeciles ...	3	—	3
		Idiots ...	1	—	1
Epileptics	Suffering from severe epilepsy	Attending Certified Special Schools for Epileptics ...	—	4	4
		In Institutions other than Certified Special Schools ...	4	1	5
		Attending Public Elementary Schools ...	—	—	—
		At no School or Institution ...	4	8	12
	Suffering from epilepsy which is not severe	Attending Public Elementary Schools ...	9	18	27
		At no School or Institution ...	—	—	—



TABLE III.—*continued.*

			Boys	Girls	Total
Physically Defective	Infectious pulmonary and glandular tuberculosis	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ...	1	3	4
		At other Institutions ...	3	—	3
		At no School or Institution ...	—	—	—
	Non-infectious but active pulmonary and glandular tuberculosis	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ...	3	12	15
		At Certified Residential Open Air Schools ...	—	—	—
		At Certified Day Open Air Schools ...	—	—	—
		At Public Elementary Schools...	1	1	2
		At other Institutions ...	—	1	1
		At no School or Institution ...	—	4	4
	Delicate children (e.g., pre—or latent tuberculosis, mal-nutrition, debility, anæmia, etc.)	At Certified Residential Open Air Schools ...	—	—	—
		At Certified Day Open Air Schools ...	—	—	—
		At Public Elementary Schools...	119	218	337
		At other Institutions ...	2	—	2
		At no School or Institution ...	4	14	18
	Active Non-pulmonary tuberculosis	At Sanatoria or Hospital Schools approved by the Ministry of Health or the Board ...	5	6	11
		At Public Elementary Schools...	—	1	1
		At other Institutions ...	2	—	2
		At no School or Institution ...	—	—	—
	Crippled Children (other than those with active tuberculous disease), e.g., children suffering from paralysis, etc., and including those with severe heart disease	At Certified Hospital Schools...	—	—	—
		At Certified Residential Cripple Schools ...	6	4	10
		At Certified Day Cripple Schools ...	—	—	—
		At Public Elementary Schools...	17	28	45
		At other Institutions ...	6	5	11
		At no School or Institution ...	10	7	17

TABLE IV.—RETURN OF DEFECTS TREATED DURING THE YEAR ENDED  
31st DECEMBER, 1923.

TREATMENT TABLE.

*Group I.—Minor Ailments* (excluding Uncleanliness, for  
which see Group V).

Disease or Defect (1)	Number of Defects treated, or under treatment during the year.		
	Under the Authority's Scheme (2)	Otherwise (3)	Total (4)
<i>Skin—</i>			
Ringworm-Scalp ... ..	116	9	125
Ringworm-Body ... ..	66	—	66
Scabies ... ..	91	—	91
Impetigo ... ..	723	10	733
Other skin disease ... ..	384	41	425
<i>Minor Eye Defects</i> ... .. (External and other, but ex- cluding cases falling in Group II).	197	25	222
<i>Minor Ear Defects</i> ... ..	364	39	403
<i>Miscellaneous</i> ... .. (e.g. minor injuries, bruises, sores, chilblains, etc.) ...	205	18	223
Total ... ..	2,146	142	2,288



TABLE IV.—*continued.**Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I).*

Defect or Disease  (1)	No. of Defects dealt with			
	Under the Authority's Scheme  (2)	Submitted to refraction by private practitioner or at hospital, apart from the Authority's Scheme  (3)	Otherwise  (4)	Total  (5)
Errors of Refraction (including Squint) ... ..	1,051	16	4	1,071
Other Defect or Disease of the Eyes (excluding those recorded in Group I.) ...	169	2	—	171
Total ... ..	1,220	18	4	1,242

Total number of children for whom spectacles were prescribed

(a) Under the Authority's Scheme ... ..	741
(b) Otherwise ... ..	20

Total number of children who obtained or received spectacles

(a) Under the Authority's Scheme ... ..	739
(b) Otherwise ... ..	20

*Group III.—Treatment of Defects of Nose and Throat.*

Number of Defects				
Received Operative Treatment			Received other forms of Treatment  (4)	Total Number treated  (5)
Under the Authority's Scheme, in Clinic or Hospital (1)	By Private Practitioner or Hospital, apart from the Authority's Scheme (2)	Total (3)		
381	105	486	148	634







