

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

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Tottenham
Urban District Council.

ANNUAL
REPORT

OF THE
Medical Officer of Health
FOR THE YEAR
1927

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



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Tottenham Urban District Council.

REPORT

ON THE

HEALTH OF

TOTTENHAM

for the Year 1927.

HARRINGAY:

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

SUMMARY OF STATISTICS FOR 1927.

Area	...	...	...	...	3,014 acres.
Population	...	...	...	...	162,000
Births	...	...	...	...	2,388
Birth-rate	...	...	...	...	14·7 per 1,000 of population.
Deaths	...	...	...	...	1,664
Death-rate	...	...	...	...	10·2 per 1,000 of population.
Deaths under 1 year of age	...	...	...	...	154
Infant Death-rate	...	...	...	...	64·4 per 1,000 births.
Phthisis Death-rate	...	...	...	...	0·82 per 1,000 of population.
Rateable Value	...	...	...	...	£655,260
Amount Produced by 1d. Rate	...	...	...	...	£2,580

Tottenham Urban District Council.

HEALTH COMMITTEE :

Chairman :

Mr. COUNCILLOR H. FARTHING.

Members :

(*Ex-Officio*) : Mr. COUNCILLOR T. ELDERFIELD, J.P.

(*Chairman of the Council.*)

(*Ex-Officio*) : Mr. COUNCILLOR C. WISE,

(*Vice-Chairman of the Council.*)

Mrs. COUNCILLOR F. C. BRIGHTEN.

Mr. " L. CLEGG.

Miss " R. I. COX.

Mr. " W. FORDYCE.

" " E. FROST.

" " C. D. GRANT.

MAJOR P. B. MALONE, M.P., J.P.

Mr. COUNCILLOR A. REED, A.F.I.

" " C. STOWE.

" " S. TIMMS.

" " J. WALLACE.

*Representatives on the Middlesex Districts Joint Small Pox Hospital
Board :*

Mr. COUNCILLOR T. ELDERFIELD, J.P.

" " T. INGLIS.

MAJOR P. B. MALONE, M.P., J.P.

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

MAJOR P. B. MALONE, M.P., J.P.

Heads of Departments :

Clerk and Solicitor:—ERIC TOWNSON, 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:—I. EASTON, Esq.

Librarian:—W. J. BENNETT, Esq., F.L.A.

Superintendent of Baths:—T. J. LEWIS, Esq.

Staff.

I. Health Department.

Medical Officer of Health—

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

Male Sanitary Inspectors—

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

Female Sanitary Inspector—

§*LAMB, Miss M.

*Certificate of the Royal Sanitary Institute.

†Meat Inspector's Certificate.

¶Cert., San. Insp. Exam. Bd.

‡Diploma of the Incorporated Institute of Hygiene.

§Contribution to salary from Exchequer Funds.

SHOPS ACTS—

Inspector.—LOCK, F. T. G.

Assistant Inspector—SENDALL, A. A.

Nurses for Infectious Diseases—

*††R. BENTLEY-CORNER.

*††§°R. HYATT.

*††S. SWAFFIELD.

*††M. TIMLIN.

*†§§B. WHITAKER.

*General Training Certificate. †C.M.B. ‡Fever Training Certificate.
§ Health Visitor's Diploma. °Cert., San. Insp, Exam. Bd.
§ Nursing of Sick Children, Massage, Electricity and Nervous
Diseases Certificates.

Clerical Staff—

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

BAKER, S., Clerk.

BENNETT, P. W. T., Clerk (Cert. Roy. San. Inst.)

POTTER, W., Clerk.

CLEGG, E. S., Junior Clerk.

Mortuary Attendant—

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

Disinfectors—

J. WILSON (Houses).

J. MITCHELL (Clothing).

J. COLLIN „

Drain Testers, &c.

H. BYSOUTH.

J. W. TURNER.

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 and Middle Temple, Barrister-at-Law.

Senior Assistant Medical Officer—

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

Assistant Medical Officer—

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

Ophthalmic Surgeon—

T. W. LETCHWORTH, F.R.C.S. (Part-time).

Aurist—

A. R. FRIEL, M.A., M.D., F.R.C.S.I. (Part-time).

Dental Surgeons—

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

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

School Nurses—

*†E. JOHNS. *M. PICKBURN. *†W. BARNES. *‡C. VINE.

*†L. ROGERS. *†E. LINDSAY. ‡E. BARRATT. *†H. McMATH.

* General Training Certificate. † C.M.B. ‡ Fever Training Certificate.

Clerical Staff—

V. GODDARD (Chief Clerk).

E. ING. T. E. COHEN, F.I.S.A. H. A. THOMAS.

J. E. MILLER
(and at Laboratory).

3. Maternity and Child Welfare Department.

Medical Officer :

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

Part Time Medical Officer, Infant Welfare Clinics :

CHARLOTTE ALICE KING, M.D., B.S. (Lond.), M.R.C.P. (Lond.),
D.P.H. (Lond.)

Part Time Medical Officer, Ante and Post Natal Clinics :

MARGARET SALMOND, M.D., B.S. (Lond.), M.R.C.S., L.R.C.P.
(to March 31st).

ESTHER RICKARDS, M.S., M.B. (Lond.), F.R.C.S. (Eng.), L.R.C.P. (Lond.)
(from April).

Superintendent Health Visitor :

§††Mrs. J. KENT PARSONS.

Health Visitors :

†§aB. WALLACE.

*†§aM. BLANCHARD.

*†G. MASON.

*†°N. HEADLEY.

*†°aF. FLETCHER.

*†abG. M. HOCKIN.

*†abcE. M. DUNN.

*†§M. F. REYNOLDS.

‡ Health Visitor's Diploma.

‡ San. Insp. Exam. Bd. Cert.

§ R.S.I. San. Insp. Cert.

a R.S.I. Health Vis. Cert.

* General Training Cert.

† C.M.B.

° Fever Training Cert.

b Moorfields Eye Hosp. Cert.

c Alton T.B. Hosp. Cert.

* *Creche :*

Matron—F. E. TREWINNARD (Creche Trained).

Nurses—K. T. BROWN (General Training Cert.) J. BYATT (San. Insp.
Exam. Bd. Cert., C.M.B., Health Visitor's Diploma). M. HOWE.

Clerical Staff :

E. HORTON, M. E. COLEMAN, E. E. FISHER, G. A. ELLIOTT.

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, 239, West Green Road.

Relieving Officers—

East Tottenham : Mr. LISTER, 43, Snells Park, Edmonton, and
Mr. J. SWEET, Church Hall, Dorset Road, N.15.

West Tottenham : Mr. J. GRAVILLE and Mr. A. J. MISTER,
Church Hall, Dorset Road, N.15.

Public Vaccinators—

Dr. T. McLAREN, 38, Bruce Grove.

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

Dr. F. CATTLE, 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

Health Department,

Town Hall,

Tottenham.

April, 1928.

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

Ladies and Gentlemen,

During the year 1927 nothing of outstanding importance occurred worthy of special mention.

The Council has still no Infectious Diseases Hospital and during the year under review, patients suffering from infectious diseases and requiring Institutional treatment were admitted to the Metropolitan Asylums Board Hospitals, the Southgate Isolation Hospital and the London Fever Hospital.

Notwithstanding the increasing incidence of small pox in the country, and its occurrence in neighbouring districts, no case has occurred in Tottenham.

I have the pleasure to report that the Staff continue to give loyal and devoted service.

I am, Ladies and Gentlemen,

Your obedient Servant,

David C. Kirkhope.

POPULATION.

The 1921 Census Population was returned by the Registrar-General at 146,711.

The Treasurer's figure for the population at Midsummer, 1927—162,000—as shown on page 11, has been taken as the basis of calculation of the vital statistics.

The Registrar-General gives a lower figure—150,210.

The discrepancy points to the desirability of a Census being taken at more frequent intervals.

RATEABLE VALUE.

The rateable value of the district in 1927 was £655,260, and a 1d. Rate produced £2,570.

Return of Houses, Population, etc., at Mid-Summer, 1927, as supplied to us by the Treasurer's Department.

Ward	Acreage	Total Number of *Houses.	Other Buildings and †Assessments.	Total Number of Assessments.	Estimated Population.	Density of Population per Acre.	Rateable Value.
Bruce Grove & Stoneleigh	404	4,343	266	4,609	21,350	52·8	£88,004
Chestnuts	201	3,772	209	3,981	22,160	110·2	62,006
Green Lanes	203	2,795	222	3,017	15,510	76·4	79,259
Park and Coleraine ...	688	3,702	185	3,887	19,130	27·8	75,371
Stamford Hill	292	4,105	167	4,272	22,680	77·6	77,391
Town Hall	281	3,471	207	3,678	18,260	64·9	91,344
West Green	470	4,181	198	4,379	21,370	45·4	81,332
White Hart Lane ...	475	4,218	184	4,402	21,540	45·3	67,017
Throughout the Parish...	—	—	15‡	15‡	—	—	33,536
Totals	3,014	30,587	1,653	32,240	162,000	53·7	£655,260

* Houses, Houses and Shops, and Flats.

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

‡ Railways, Tramways, Reservoirs, Gas, Water, and Electric Mains.

BIRTHS.

Births Registered :—Males	...	...	...	...	1,176
Females	...	...	...	...	1,212
Total	...	...	...	...	2,388
Including Illegitimate Births :—Male	...	...	...	...	42
Female	...	...	...	...	36
Total	...	...	...	...	78
Births occurring in the district	...	...	...	...	1,893
Births of Tottenham residents occurring outside the district	...	...	...	...	495
Total	...	...	...	...	2,388

Birth Rate, 14·7 per 1,000.

Births notified under the Notification of Births Acts :—

In district by Doctors	...	...	...	...	518
„ „ Midwives	...	...	...	...	1,118
„ „ Parents and other persons...	...	...	...	...	242
Notified from outside Institutions	...	...	...	...	555
					2,433
Advised by Registrar	...	...	...	...	23
Total	...	...	...	...	2,456
Less Still Births	...	...	...	...	76
					2,380

DEATHS.

The total number of deaths registered in Tottenham was...	1,143
Of these, the number of non-residents was	226
Deaths of residents registered in the district... ..	917
Deaths of residents registered outside the district... ..	747
	<hr/> 1,664 <hr/>
Deaths of residents under 1 year occurring in district ...	89
Deaths of residents under 1 year occurring outside district	65
	<hr/>
Total deaths of Tottenham infants	154
	<hr/>

These deaths are distributed in age groups as follows :—

Deaths under 1 year	154
Deaths from 1 to 5 years	64
Deaths from 5 to 15 years	47
Deaths from 15 to 25 years	77
Deaths from 25 to 65 years	638
Deaths 65 and upwards	684
	<hr/>
	1,664
	<hr/>

The excess of births over deaths is 724.

The death rate equalled 10·2 per 1,000 of the population.

Table showing the Population, Birth and Death Rates, in Wards, during 1927.

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
Bruce Grove & Stoneleigh ...	326	237	21,350	15·2	11·1	25	1·1	76·6
Chestnuts ...	348	242	22,160	15·7	10·9	23	1·0	66·0
Green Lanes ...	156	145	15,510	10·0	9·3	7	0·4	44·8
Park and Coleraine ...	265	188	19,130	13·8	9·8	17	0·8	64·1
Stamford Hill ...	360	209	22,680	16·3	9·2	16	0·7	44·4
Town Hall ...	285	199	18,260	15·6	10·9	25	1·3	87·7
West Green ...	257	207	21,370	12·0	9·6	11	0·5	42·8
White Hart Lane ...	391	237	21,540	18·1	11·0	30	1·3	76·7
Total ...	2,388	1,664	162,000	14·7	10·2	154	0·9	64·4

MINISTRY OF HEALTH 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
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	9·1
1924	156,000	2397	2853	18·2	1183	7·5	250	626	176	61·6	1559	9·9
1925	156,700	2275	2756	17·6	1105	7·0	213	704	150	54·4	1596	10·1
1926	159,500	2177	2601	16·3	1090	6·8	222	677	147	56·5	1545	9·6
1927	162,000	1893	2388	14·7	1143	7·0	226	747	154	64·4	1664	10·2

NOTES TO (Ministry of Health) 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-Residents," is meant persons brought into the district on account of illness, and dying there; and by the term "Residents," 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 :—

North Middlesex Hospital, Edmonton.
Enfield and Edmonton Joint Hospital, Enfield.
Clare Hall Sanatorium, South Mimms.
Middlesex County Sanatorium, Harefield.
Metropolitan Asylums Board Hospitals (other than the North Eastern).
London Fever Hospital, Islington.
Isolation Hospital, Southgate.

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

Guy's Hospital, Southwark.
St. Bartholomew's Hospital, West Smithfield.
Queen's Hospital for Children, Hackney Road.
University College Hospital, Gower Street.
Hospital for Sick Children, Great Ormond Street.
City of London Maternity Hospital, City Road.
German Hospital, Hackney.

King's College Hospital, Denmark Hill.
 The Mothers' Hospital, Clapton.
 London Hospital, Whitechapel.
 Westminster Hospital, Broad Sanctuary.
 St. Columbus Hospital, Hampstead.
 Springfield Hospital, Wandsworth.
 Royal Free Hospital, Gray's Inn Road.
 Metropolitan Hospital, Kingsland Road.
 Royal Northern Hospital, Holloway.
 Napsbury Asylum, St. Albans.
 St. Joseph's Hospice, Hackney.
 West End Hospital, Gloucester Gate.
 Elizabeth Garrett Anderson Hospital, St. Pancras.
 National Hospital for Diseases of the Heart, St. Marylebone.
 Queen Mary's Hospital, Carshalton.
 King's Lynn and North West Norfolk Hospital, King's Lynn.
 Gloucestershire Royal Infirmary, Gloucester.
 St. Elizabeth's Home, Much Hadham.
 Children's Hospital, Holborn.
 Enfield House, Enfield.
 Friern Barnet Infirmary.
 St. George's Hospital, Westminster.
 Middlesex Hospital, St. Pancras.
 Mildmay Mission Hospital, Bethnal Green.
 Homœopathic Hospital, Gt. Ormond Street.
 Royal Free Hospital, St. Pancras.
 Central Home, Leyton.
 Convalescent Home, Burnham.
 Lambeth Hospital, Lambeth.
 Freemasons' Hospital, Chelsea.
 West London Hospital, Hammersmith.
 Queen Charlotte's Hospital, St. Marylebone.
 Infants' Hospital, Vincent Square, Westminster.
 Cottage Hospital, Margate.
 Cancer Hospital, Chelsea.
 St. Thomas' Hospital, Lambeth.
 Hornsey Central Hospital, Hornsey.
 St. Luke's Hospital, Paddington.
 Eversfield Hospital, Hastings.
 Brompton Hospital Sanatorium, Frimley.

MINISTRY OF HEALTH TABLE II.—*Table of cases of Infectious Disease coming to the knowledge of the Medical Officer of Health during the year 1927, 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.										Bruce Grove and Stoneleigh	Chestnuts	Green Lanes	Park and Coleraine.	Stamford Hill	Town Hall	West Green	White Hart Lane	
		Under 1	1 to 2	2 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 and over									
Scarlet Fever ...	466	1	10	88	222	86	29	23	7	...	...	54	76	45	46	60	50	80	55	73
Diphtheria (including Membranous Croup) ...	398	2	11	89	174	60	27	24	7	4	...	67	59	29	36	37	64	25	81	368
Pneumonia ...	198	9	13	34	27	9	16	22	26	29	13	15	42	20	19	50	20	12	20	...
Erysipelas ...	46	1	...	1	...	1	7	9	11	15	1	3	10	5	4	12	4	4	4	8
Enteric Fever ...	3	...	...	1	...	...	...	2	...	...	...	1	...	...	...	1	...	...	1	2
Puerperal Fever ...	2	...	...	...	...	...	1	1	...	...	...	1	...	...	1	...	...	...	...	2
Puerperal Pyrexia ...	15	...	...	...	...	...	...	8	6	1	...	2	3	1	...	4	2	2	1	5
Cerebro-spinal Meningitis ...	2	1	...	1	...	...	...	...	...	...	...	...	1	...	...	1	...	...	...	2
Encephalitis Lethargica ...	7	...	...	1	1	1	1	3	...	...	...	2	1	...	...	...	3	1	...	4
Polio Encephalitis ...	1	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1
Poliomyelitis ...	4	...	2	1	1	...	...	...	...	...	...	2	1	...	...	...	1	...	...	2
Malaria ...	5	...	...	...	...	...	...	3	2	...	...	1	...	...	...	2	1	...	1	...
Continued Fever ...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	1	...	...	...	...	1
Ophthalmia Neonatorum ...	10	10	...	...	...	...	...	...	...	...	...	1	2	...	2	3	1	...	1	1
Pulmonary Tuberculosis ...	204	...	2	4	4	7	31	77	46	32	1	24	34	15	24	31	29	19	28	...
Other forms of Tuberculosis ...	49	1	2	2	10	9	6	9	3	7	..	4	7	5	6	6	11	4	6	...
Totals ...	1411	25	40	223	439	173	118	181	108	89	15	177	236	120	139	207	186	147	199	...

MINISTRY OF HEALTH TABLE III.

TABLE OF DEATHS during the Year 1927 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													Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the District								Total Deaths, whether of "Residents" or "non-Residents" in Institutions in the District.
	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	Bruce Grove & Stoneleigh.	Chestnuts.	Green Lanes.	Park and Coleraine.	Stanford Hill.	Town Hall.	West Green.	White Hart Lane.	
Enteric Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Small Pox ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
Scarlet Fever ...	3	...	...	1	2	...	...	...	...	...	...	...	...	1	1	1	...	...	...	...	...	5
Whooping Cough ...	11	6	2	2	1	...	...	...	...	...	...	...	...	...	...	...	2	...	4	2	1	22
Diphtheria ...	13	...	1	5	6	1	...	...	...	...	...	...	...	1	1	4	1	1	2	2	1	36
Influenza ...	47	2	2	...	2	...	1	5	7	7	8	12	1	3	5	3	5	6	8	10	7	1
Erysipelas ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis) ...	134	...	...	1	2	31	42	22	24	9	3	...	...	22	26	9	12	9	18	13	25	1
Tuberculous Meningitis ...	10	...	...	4	4	1	...	...	...	...	...	...	...	1	1	...	1	2	1	1	3	7
Other Tuberculous Diseases ...	8	1	1	...	1	1	...	1	1	2	...	...	...	1	2	...	2	...	1	...	2	4
Cancer, malignant disease ...	210	1	...	...	1	...	4	16	37	60	52	36	3	22	26	18	34	25	20	36	29	52
Rheumatic Fever ...	13	...	...	...	4	5	1	...	...	1	1	1	...	2	1	...	2	2	...	4	2	2
Meningitis ...	10	2	...	...	3	2	1	1	1	...	...	...	...	2	...	2	1	3	...	1	1	4
Heart Disease ...	239	5	...	...	1	7	6	8	25	40	55	70	22	40	38	20	28	26	24	39	24	28
Bronchitis ...	171	7	1	2	1	1	2	4	13	28	49	51	12	24	17	20	19	27	22	19	23	3
Pneumonia (all forms) ...	152	25	16	8	9	4	6	10	13	21	22	9	9	19	28	9	12	12	27	18	27	25
Other diseases of respiratory organs ...	33	...	...	...	1	...	2	4	4	6	8	8	...	8	...	5	3	8	1	4	4	...
Diarrhoea and Enteritis ...	6	6	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	2	...	2	...
Appendicitis and Typhlitis ...	10	...	...	...	...	2	1	2	3	2	...	...	...	1	2	1	1	1	1	2	1	11
Alcoholism ...	3	...	...	...	...	...	...	1	1	1	...	...	...	1	...	...	1	1	...	...	...	...
Nephritis and Bright's Disease ...	55	...	...	...	...	6	3	2	12	9	14	7	2	6	12	5	4	6	7	7	8	21
Puerperal Fever ...	3	...	...	...	...	...	...	2	1	...	...	...	...	...	1	...	...	1	...	1	...	...
Other accidents and diseases of } Pregnancy and Parturition ... }	5	...	...	...	...	1	2	2	...	...	...	...	...	...	1	...	...	1	1	1	1	...
Congenital Debility, Malformation } and Premature Birth ... }	81	78	1	2	...	...	...	...	...	...	...	...	...	13	16	4	7	9	11	4	17	3
Violent Deaths, excluding Suicide ...	46	1	1	2	3	8	2	7	3	2	12	2	2	9	6	4	5	10	2	3	7	12
Suicide ...	18	...	...	...	...	1	...	7	4	2	4	...	...	1	1	4	1	4	2	1	4	2
Cerebro-Spinal Meningitis ...	2	1	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1	2
Other Defined Diseases ...	378	18	4	6	6	4	4	21	52	54	85	96	28	58	54	36	47	54	44	39	46	77
Diseases ill-defined or unknown ...	1	...	...	...	...	1	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
Encephalitis Lethargica ...	2	1	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...
Totals ...	1664	154	30	34	47	77	79	114	201	244	313	292	79	237	242	145	188	209	199	207	237	330

MINISTRY OF HEALTH TABLE IV. INFANTILE DEATHS in Ages, Sexes and Localities, during the year 1927.

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.	Males.	Females.	Bruce Grove & Stoneleigh Ward.	Chestnuts Ward.	Green Lanes Ward.	Park and Coleraine Ward.	Stamford Hill Ward.	Town Hall Ward.	West Green Ward.	White Hart Lane Ward.
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Measles ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Whooping-cough ... ..	...	...	...	...	...	...	3	3	...	6	3	3	1	1	...	...	...	2	1	1
Diphtheria ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Tuberculous Meningitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Abdominal Tuberculosis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other Tuberculous Diseases ... ..	...	...	...	...	...	...	...	...	1	1	...	1	...	...	...	1	...	...	...	...
Meningitis (<i>not Tuberculous</i>) ... ..	...	...	...	...	...	...	...	1	1	2	1	1	1	...	...	1	...	...	...	...
Convulsions ... ..	...	...	...	...	...	1	...	1	1	3	1	2	1	...	1	...	...	...	...	1
Laryngitis ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Bronchitis ... ..	...	1	...	...	1	2	3	...	1	7	3	4	3	...	...	1	1	1	...	1
Pneumonia (all forms)	1	...	1	...	2	1	7	9	6	25	17	8	3	3	...	5	3	3	3	5
Diarrhoea ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteritis ... ..	...	...	...	...	...	1	3	2	...	6	5	1	...	1	1	...	...	2	...	2
Gastritis ... ..	...	...	...	1	1	...	1	...	...	2	1	1	...	...	...	...	1	...	...	1
Syphilis	1	...	...	1	2	...	...	...	...	2	1	1	...	...	...	2	...	...	...	...
Rickets ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Suffocation, overlying ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Injury at Birth ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Atelectasis	3	...	...	...	3	...	...	...	...	3	2	1	1	...	...	...	...	2	...	...
Congenital Malformations	8	1	2	...	11	5	1	3	...	20	15	5	3	2	1	1	2	4	2	5
Premature birth	32	5	3	2	42	2	...	1	...	45	24	21	6	12	3	4	4	5	2	9
Atrophy, Debility and Marasmus	3	1	1	1	6	7	...	...	...	13	6	7	2	1	...	2	3	2	...	3
Other Causes	8	...	2	1	11	2	2	1	3	19	13	6	4	3	1	...	2	4	3	2
TOTALS	56	8	9	6	79	21	20	21	13	154	92	62	25	23	7	17	16	25	11	30

MALIGNANT DISEASES.

Cancer continues to take its heavy toll. As this is a disease, or group of diseases, that principally attacks persons beyond middle life, reduction in the death rate from diseases of malignant type is not to be expected, unless research can show some means of cure that has not hitherto been widely applied.

Cure mainly depends upon the early date at which the nature of the disease is discovered and the thorough removal, by surgical means, of the growth and neighbouring tissues involved.

Recent investigations have shown that by the application of Radium, there is greater hope of recovery, without mutilation. The knowledge of its properties and the means of estimating the dosage of its emanations are being acquired, so that safety in its application may be assured.

Notwithstanding this hope, the greatest expectation of recovery must be with those who come earliest under treatment. It is of the utmost importance that there shall be no delay in seeking medical or surgical skill by those who show signs or symptoms that may be attributable to malignancy. Therein lies their greatest safety.

The following table gives particulars of the deaths from Malignant Growths.

CANCER.

Digestive System :						Males.	Females.
Mouth	...	...	...	...	...	1	—
Tongue	...	...	...	...	...	5	1
Esophagus	...	...	...	...	...	13	1
Stomach	...	...	...	...	...	30	13
Pylorus	...	...	...	...	...	1	—
Bowels (large and small intestines)	...	...	...	...	...	12	13
Rectum	...	...	...	...	...	8	15
Liver and Gall Bladder	...	...	...	...	...	7	9
Pancreas	...	...	...	...	...	2	2

Genito-urinary :

Kidney	...	...	...	...	...	2	1
Bladder	...	...	...	...	...	3	2
Prostate	...	...	...	...	...	2	—
Breast	...	...	...	...	...	—	25
Uterus	...	...	...	...	...	—	8
Ovary	...	...	...	...	...	—	4

Respiratory :—

Larynx	...	...	...	...	...	6	1
Lung	...	...	...	...	...	3	2

Various :—

Cutaneous (face and lips)	...	...	...	...	...	1	5
Mediastinum	...	...	...	...	...	2	—
Heart	...	...	...	...	...	—	1
Peritoneum	...	...	...	...	...	1	2
Brain	...	...	...	...	...	—	1

SARCOMATA.

Kidney	...	...	...	...	...	...	1	1
Orbit	...	...	...	...	...	...	—	1
Toe	...	...	...	...	...	...	—	1
Pelvis	...	...	...	...	...	...	1	—
							<hr/> 101	<hr/> 109
							<hr/>	<hr/>

VIOLENCE.

There were 64 deaths from Violence, including 18 which were suicidal. In 1926 the number was 50.

							Males.	Females.
Falls	...	...	...	...	...	...	2	2
„ from bicycle	...	...	...	...	...	...	1	—
„ out of bed	...	...	...	...	...	...	—	1
„ into fire	...	...	...	...	...	...	1	—
„ from scaffolding	...	...	...	...	...	...	1	—
„ down a hole	...	...	...	...	...	...	1	—
Falling of wall	...	...	...	...	...	...	1	—
„ metal storage bin	...	...	...	...	...	...	1	—

	Males.	Females.
Collision between motor lorry and railway engine	1	—
„ „ bicycle and motor 'bus	—	1
„ „ bicycle and motor car... ..	1	—
„ „ motor cycle and motor 'bus	1	—
Run over by steam waggon	1	1
„ motor van	—	1
„ motor car	—	1
„ motor lorry	1	—
„ railway truck	1	—
„ horse and van	1	—
Knocked down by cyclist	1	—
„ „ motor cyclist	1	2
„ „ motor car	1	1
„ „ motor lorry	—	1
„ „ boys	—	1
Crushed by motor lorry	1	—
Thrown from motor cycle	1	—
Murder (found on railway embankment)	1	—
Drowning	2	—
Bathing, heart failure	1	—
Kick of horse	1	—
Scalding	—	1
Burns	—	3
Haemorrhage caused by being struck	—	1
Poisoning by coal gas (accident)	1	—
Motor accident	1	—
Wound of finger	1	—
Impaled on iron fence	1	—

SUICIDES.

Drowning	5	—
Poisoning	2	3
Poisoning (coal gas)	2	1
Hanging	2	—
Gun-shot wound	—	1
Jumping from balcony	—	1
Cut throat	1	—
	—	—
	41	23
	—	—

Mortuary Table for the Year 1927.

Bodies Admitted.				No. of Post Mortems			Number of Inquests	Deaths from Violence	Deaths from Drowning
Month	Males	Females	Total	Males	Females	Total			
January ...	5	...	5	5	...	5	5	1	1
February ...	5	1	6	3	2	5	5	2	...
March ...	3	4	7	4	2	6	7	2	...
April ...	4	3	7	4	3	7	7	2	...
May ...	7	1	8	7	1	8	5	1	1
June ...	6	1	7	5	1	6	6	3	1
July ...	4	6	10	4	5	9	10	8	1
August ...	5	4	9	5	3	8	7	4	...
September	6	2	8	6	2	8	6	3	...
October ...	7	3	10	6	3	9	4	1	2
November...	5	2	7	4	2	6	3	2	...
December ...	8	5	13	6	5	11	1	1	...
Total ...	65	32	97	59	29	88	66	30	6

No. of bodies admitted to await Burial ... 27.

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

Aorta, rupture of ...	4	Inanition ...	2
Atheroma ...	3	Inattention at birth ...	1
Arterio sclerosis ...	3	Meningitis ...	2
Bronchitis ...	7	Nephritis ...	1
Cystitis ...	1	Nicotine Poisoning ...	1
Cancer ...	1	Oedema of Lungs ...	2
Convulsions ...	1	Pneumonia ...	7
Cerebral Haemorrhage ...	6	Status Lymphaticus ...	3
Congestion of Lungs ...	2	Stillborn ...	1
Fatty degeneration of heart	9	Valvular disease of heart...	4

Suicides :

Poisoning	2
Gas Poisoning	5
Drowning	4
Killed on railway	1
Gunshot wound	1

Manslaughter :

Blow on head	1
---------------------	---

Accidents :

Burns	1
Run over by horsed van ...	1
„ motor car ...	4
„ motor lorry...	3
„ motor bus ...	2
„ steam waggon	2
Fall from motor cycle ...	1
„ steam waggon ...	1
„ pedal cycle ...	1
Deaths under anaesthetic ...	4
Killed on railway	1
Knocked down by motor cycle	2
Drowning	2
Fall of wall	1

POOR LAW RELIEF.

The following information has been kindly supplied by the Clerk of the Guardians :—

*Out-Door Relief :**Unemployed :*

No. of cases,	Amount,
2,083	£39,218

Ordinary :

No. of cases,	Amount,
2,244	£57,508

*Institutional Relief.**North Middlesex Hospital.*

No. of cases admitted from Tottenham during 1927 ...	2,867
No. of days In-Maintenance of these patients during 1927 ...	106,443

INFECTIOUS DISEASES.

SCARLET FEVER.

The majority of notified cases of this disease are nursed at home under the care of their own private practitioners. The Council's nurses assist the practitioners when required.

Of the 466 notified cases, 388 were treated at home by the Council's Nurses, 5 were treated privately in their own homes, and 71 were removed to Isolation Hospital (6 of them privately). 2 Tottenham cases were removed to M.A.B. hospitals from General Hospitals in London.

Of the cases sent to hospital by the Health Department, 43 went to the Metropolitan Asylums Board's Hospitals, 18 to the Southgate Isolation Hospital and 4 to the London Fever Hospital. The average duration of stay in hospital of the cases treated to a conclusion was :— M.A.B. 56·6 days, Southgate 26·9 days, London Fever Hospital 37·5 days. 6 cases were removed privately to the London Fever Hospital.

There were 3 deaths from Scarlet Fever. Two of these occurred in an Isolation Hospital, the causes of death being given as "Scarlet Fever, Broncho Pneumonia" and "Scarlet Fever, Acute Endocarditis," and one occurred at home, the cause of death being given as "Scarlet Fever, Endocarditis".

Seven of the cases removed to hospital had been wrongly diagnosed, 2 being Tonsillitis, 1 Measles, 1 Whooping Cough, 1 German Measles, 1 Erythema, 1 "Observation, not Scarlet Fever". The average residence in hospital of these patients was 37·1 days.

DIPHTHERIA.

The increased incidence of Diphtheria, commencing in September, 1926, continued with occasional intermissions until the end of March, 1927. In the latter part of the year 1927 there was again an increased number of weekly notifications, although fewer than in the corresponding weeks of 1926.

398 cases were notified during the year. 362 of these were removed to Isolation Hospital from Tottenham and 6 from General Hospitals in London. Deaths numbered 13.

Of the cases removed to hospital from Tottenham, 246 were taken to the Metropolitan Asylums Board's Hospitals, 75 to the London Fever Hospital, and 41 to the Southgate Isolation Hospital. The average duration of stay in hospital of those cases treated to a conclusion was:—M.A.B. 74·3 days, London Fever Hospital 49·5 days, Southgate 36·0 days.

50 of the cases admitted to hospital had been wrongly diagnosed, as follows :—Tonsillitis 33 ; "Sore Throat," 4 ; "Not Diphtheria," 3 ; Scarlet Fever, 2 ; Tonsillitis and Rubella, 1 ; Peritonsillar Abscess, 1 ; Quinsy, 1 ; Tonsillitis and Mumps, 1 ; Diphtheric Laryngitis, 1 ; Rhinorrhoea, 1 ; Acute Laryngitis and Chronic Bronchitis and Asthma, 1 ; Acute Tonsillitis and Lobar Pneumonia and Bronchitis, 1. The average residence in hospital of these patients was 29·7 days.

Quite a considerable number of patients discharged from hospital, and not a few persons who have been in contact with diphtheria patients at home, show by swabbing that they are harbouring the Klebs Loeffler Bacillus (or one indistinguishable from it microscopically) in nose or throat. With a view of shortening the period during which these patients and "positive" contacts will be excluded from school or kept in seclusion, Vaccine Treatment has been given with, in most cases, satisfactory result. In the remainder the enlarged condition of the tonsils or post nasal adenoid tissue points to the necessity for the removal of these hypertrophical glands.

Immunization against Diphtheria infection is urged in that section of the Report relating to Maternity and Child Welfare.

Diphtheria Anti-toxin may be had upon a Doctor's request at the Town Hall during office hours and at the Central Fire Station, adjoining the Town Hall, at all hours (day and night), when the Town Hall is closed.

The home address of the Sanitary Inspector on duty is posted at the front door of the Town Hall, and application may be made to him for his attention in respect of cases of infectious disease requiring removal at any time when the Town Hall is closed.

SMALL POX.

No case of Small Pox has been notified during the year, but all Tottenham contacts have been followed up systematically until the period of incubation had expired.

The Vaccination Officer for Tottenham informs me that the number of Tottenham children vaccinated during 1927 was 892 and the number of declarations of conscientious objection to vaccination received was 1,041.

MEASLES AND WHOOPING COUGH.

Complicated cases of Measles and Whooping Cough have been admitted to the M.A.B. hospitals, as follows :—Measles and Pneumonia, 9 ; Whooping Cough and Pneumonia, 7 ; Whooping Cough, 2.

OPHTHALMIA NEONATORUM.

10 cases of Ophthalmia Neonatorum were notified during the year. In no instance was the vision impaired.

PUERPERAL FEVER AND PUERPERAL PYREXIA.

During 1927, 2 cases of Puerperal Fever were notified and removed to hospital. 15 cases of Puerperal Pyrexia were notified, 5 of them being removed to hospital. 3 of the hospital cases proved fatal.

MALARIA.

5 cases were notified of persons residing in this district suffering from Malaria. All these persons had contracted the ailment abroad.

ENTERIC FEVER.

3 cases of Enteric Fever were notified during the year. There were no deaths from this disease.

POLIOMYELITIS.

4 cases were notified during the year. 2 of them proved fatal.

CEREBRO-SPINAL MENINGITIS.

2 cases of Cerebro-Spinal Meningitis were notified. One of these was fatal and another death was certified as being due to this cause.

POLIO-ENCEPHALITIS & ENCEPHALITIS LETHARGICA.

There was 1 notified case of the former and 7 of the latter disease. The case notified as Polio Encephalitis died, the death certificate giving the cause as Poliomyelitis. None of the notified cases of Encephalitis Lethargica died. There were 2 deaths, however, in outside Institutions of Tottenham persons from this cause.

EPIDEMIC CATARRHAL JAUNDICE.

At the end of 1926 the occasional occurrence of jaundice amongst the children attending the School Clinics was observed. This was specially noticeable amongst children attending the Infants' Department of a particular school. The cases were limited to two classes. Two of the patients resided near one another and were often together out of school hours. In neither of these cases were other members of the family affected.

In 1927 however, two instances of this disease came under notice in which families were affected.

Particulars of these are as follows :—

J. M. aet 7. Came under notice 6-4-27 with jaundice—clay-coloured motions and dark urine. He had then been ill 3 days. On the first day he vomited and complained of abdominal pain (which lasted 3 days), headache, and was feverish. Jaundice appeared on the second day; seen again April 13th—jaundice still present and Otorrhœa on R. side. April 27th, all symptoms of jaundice gone—Otorrhœa was still present 11-5-27.

M. M. aet 5. Symptoms same as those of J.M., except that there was no Otorrhœa and the cervical glands were considerably enlarged at time of onset—April 19th. Last seen 4th May—all symptoms subsided.

L. M. aet 6. Symptoms as in the case of M.M. Jaundice, etc., first noted April 23rd. Last seen May 4th—all symptoms subsided.

D. M. aet 3. First seen May 9th, 1927. Onset May 7th, 1927, with headache, fever and cervical glands enlarged and tender. Vomited during the night and following day. Jaundice symptoms as in previous cases; abdominal pains for 3 days. 11-5-27, Icterus less marked—T. 99.2, pulse 114. Had Otorrhœa since 1-5-27. 16-5-27, Icterus disappearing, urine and motions almost normal; Adenitis and Otorrhœa present. Another child in the family, aet $1\frac{1}{2}$ years, was not affected. The house occupied by the family is clean and in good sanitary condition. Food stored in a cupboard for lack of a larder. No rats in the house but a good many mice. All water and milk consumed by the children boiled. Specimens of blood examined by a Pathologist threw no light upon the cause of the disease.

D. C. aet 6. August 21st, jaundice and vomiting. All symptoms subsided at end of one week.

H. C. aet 7. Sickened August 26th with headache, severe vomiting and jaundice. Three weeks later symptoms had disappeared.

Mrs. R. C., 26 yrs. Onset September 18th with rigor, headache, vomiting, followed by jaundice—complaint also of vertigo. Patient was suckling infant of 6 months during the 3 weeks of her illness. The child remained in good health.

Billy C. 4. This child was observed to be jaundiced 3 weeks after the onset of the mother's illness, but was not ill. Clay-coloured stools and bile-pigmented urine were common to all 4 cases. The water consumed was from the M.W.B. main.

Investigations with regard to the presence of rats on the premises met with negative result. No other persons residing in the vicinity of the C. family were reported to be suffering from similar symptoms.

All the evidence in both series of cases points to the infection having been conveyed from person to person.

ERYSIPELAS.

46 cases of Erysipelas occurred during the period under review, 8 of them being removed to hospital. There were no deaths from this cause.

TUBERCULOSIS.

The County Council are responsible for the treatment of Tuberculosis. Notifications are made to the Medical Officer of Health of the District, who forwards the information respecting them to the County Medical Officer of Health.

The Tottenham Tuberculosis Officer has his premises at 140, West Green Road. The days and hours of attendance at the Dispensary are as follows :—

Monday, Men, 10 a.m.; Tuesday, Women, 10 a.m.; Children, 2.30 p.m. Wednesday, Women, 10 a.m.; cases who are working and unable to attend during the day, 7 p.m. Thursday, Children, 10 a.m. Friday, Men, 10 a.m.

The number of persons suffering from Tuberculosis (all forms) appearing on the Register is 1207.

TUBERCULOSIS.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	Males	Females	Males	Females	Males	Females	Males	Females
Under 1 year ...	...	...	...	1	...	...	—	1
1 to 5 years ...	4	2	1	3	...	1	1	5
5 to 10 „ ...	2	2	7	3	...	...	2	2
10 to 15 „ ...	5	2	5	4	...	1	2	...
15 to 20 „ ...	15	16	2	4	3	8	1	1
20 to 25 „ ...	15	10	4	1	14	6	...	...
25 to 35 „ ...	26	26	1	3	16	25	...	2
35 to 45 „ ...	31	15	3	...	18	4	...	...
45 to 55 „ ...	12	6	1	2	19	5	1	...
55 to 65 „ ...	9	5	3	1	2	7	2	...
65 and over ...	1	...	...	...	2	1	...	...
Totals ...	120	84	27	22	74	58	9	11

Organs Affected (New Cases) :—

	Males.	Females.
Lungs ...	120	84
Meninges ...	3	3
Kidney ...	2	—
Shoulder ...	—	1
Spine ...	3	2
Wrist ...	1	—
Thigh ...	1	—
Foot ...	—	1
Ankle ...	1	1
Hip ...	4	2
Knee ...	—	1
Peritoneum ...	1	—
Abdomen ...	1	1
Other ...	10	10
	147	106

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

HOSPITALS PROVIDED OR SUBSIDISED BY THE LOCAL AUTHORITY OR BY THE COUNTY COUNCIL.

(1) *Tuberculosis*.—Provided by the County Council ; Harefield Sanatorium. Subsidised by the County Council ; Clare Hall Sanatorium.

(2) *Maternity*.—Maintenance charges of patients paid by Local Authority ; North Middlesex Hospital and Mothers' Hospital, Clapton.

The Prince of Wales's Hospital, when accommodation allows, admit cases of Puerperal Fever.

(3) *Children*.—Maintenance charges paid by Local Authority ; Prince of Wales's Hospital, North Middlesex Hospital, Central London Throat, Nose and Ear Hospital.

The London Heart Hospital receives fees for cases submitted for special examination. The Local Authority contribute towards the maintenance of children admitted to the London Orthopaedic Hospital, Great Ormond Street Hospital and Queen's Hospital, Hackney Road.

(4) *Fever*.—The Metropolitan Asylums Board, Southgate and London Fever hospitals provide accommodation for Tottenham patients, and the Enfield and Edmonton Joint Hospital Board have voluntarily accepted Erysipelas cases from Tottenham.

(5) *Smallpox*.—Tottenham is a contributory Authority to the Middlesex Districts' Joint Smallpox Hospital Board.

AMBULANCE FACILITIES.

The M.A.B. provide ambulances for the conveyance of infectious diseases.

The Council's ambulances are available for the removal of non-infectious cases to the Local and Metropolitan Institutions.

The following table furnishes particulars of the work done by the Ambulance Service during the past year :—

MOTOR AMBULANCE SERVICE, 1927.

Months	No. of Cases		Mileage.	Receipts.	
	Surgical	Children		From Cases.	From T.E.C.
				£ s. d.	£ s. d.
January ...	560	1,479	4,687	9 3 9	112 8 0
February ...	486	2,233	5,093	10 5 0	151 3 0
March ...	634	2,567	6,095	13 19 0	173 8 0
April ...	567	1,300	4,202	13 10 9	94 2 0
May ...	676	2,338	6,206	12 12 3	178 8 0
June ...	566	1,883	4,845	8 5 0	132 13 0
July ...	638	1,846	4,989	9 10 3	135 6 0
August ...	509	498	3,257	10 7 6	40 11 0
September ...	550	2,552	5,947	12 0 0	175 5 0
October ...	573	2,072	5,236	9 15 6	146 0 0
November...	710	2,323	5,896	12 5 0	166 16 0
December...	684	1,530	4,701	7 9 0	113 19 0
Year's Totals ...	7,153	22,621	61,154	129 3 0	1,619 19 0

29,774

£1,749 2 6

Treasurer's Dept. ... £173 15 0

£1,922 17 6

Total Cases from 1915 to Date: Total Mileage to Date:
 131,931. 370,483.

The Ambulances are equipped with Oxygen apparatus, which have been in use on 7 occasions during 1927.

LABORATORY.

At the Town Hall Laboratory, 3,618 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, 505 were positive, and of the sputa, 46 specimens.

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

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.
Eye Clinic, Bruce Castle.	Dark Room, Treatment, Fitting and Waiting Rms.	Do.
Ear Clinic, Bruce Castle.	Treatment 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.

PROFESSIONAL NURSING IN THE HOME.

In September, the Tottenham Branch of the Nursing Association was re-established.

In the period that elapsed between the date of the appointment of the Nurses and the end of the year, 286 visits were paid by them on behalf of the Council to patients suffering from Influenzal or Primary Pneumonia, or Measles. The cost to the Council was £19 1s. 4d. The rate per visit is 1/4 in respect of the first member of a family and 1/- per visit in respect of the second and subsequent cases.

Prior to the institution of the Tottenham Branch of the Association, the nursing in the homes was carried out under the same arrangement as that noted in last year's report.

HEALTH WEEK.

Health Week was observed by the writing of Essays by school children. The following subjects were set :—"The Use and Abuse of the Pocket Handkerchief"; "The Use and Abuse of Drains"; "Diphtheria"; "Mouth Breathing"; "Eye Strain". Special lessons were given in the Schools, and approximately 13,000 Essays were written. 48 prizes were distributed at a Public Gathering at the Municipal Hall, on November 25th, and among the items upon the programme were Singing, Displays of Physical Exercises and Eurhythmics by the school children.

LOCAL GOVERNMENT AND OTHER OFFICERS' SUPERANNUATION ACT, 1922.

All entrants to the Council's permanent service are medically examined for the purposes of the Superannuation Scheme now in operation in Tottenham.

In 1927, 33 examinations were made by your Medical Officer.

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.

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.).

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.).

Diphtheria Antitoxin (Outside London) Order, 1910.

Public Health (Tuberculosis) Regulations, 1911 and 1912, etc.

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 (Shell-fish) Regulations, 1915.
- Milk and Dairies (Consolidation) Act, 1915.
- Rent and Mortgage Interest Restrictions Acts, 1920 and 1923.
- Public Health (Acute Encephalitis Lethargica and Acute Polio-Encephalitis) Regulations, 1918.
- Milk and Dairies (Amendment) Act, 1922.
- Milk (Special Designations) Order, 1923.
- Public Health (Meat) Regulations, 1924.
- Housing Act, 1925.
- Public Health Act, 1925.
- Housing Consolidated Regulations, 1925.
- Milk and Dairies Order, 1926.
- Public Health (Ophthalmia Neonatorum) Regulations, 1926.
- Public Health (Notification of Puerperal Fever and Puerperal Pyrexia) Regulations, 1926.
- Sanitary Officers' Order, 1926.
- Public Health (Infectious Diseases) Regulations, 1927.
- 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.

SHOPS ACTS, 1912 to 1921.

HALF HOLIDAYS.

	<i>Harringay Area.</i>	<i>Tottenham Remainder Area.</i>
* <i>Butchers</i> ...	Monday, 1 p.m. ... (or alternatively Saturday, 1 p.m.)	Monday, 1 p.m. ... (or alternatively Saturday, 1 p.m.)
<i>Bakers</i> ..	Wednesday, 2 p.m. ... (or alternatively Saturday, 2 p.m.)	Thursday, 2 p.m. ... (or alternatively Saturday, 2 p.m.)
† <i>Other Shops</i> ... (non-exempted trades).	Wednesday, 1 p.m. ... (or alternatively Saturday, 1 p.m.)	Thursday, 1 p.m. ... (or alternatively Saturday, 1 p.m.)

EVENING CLOSING HOURS.

* <i>Butchers</i> ...	Monday	1 p.m.
	Tuesday, Wednesday and Thursday	7 p.m.
	Friday and Saturday	8 p.m.
<i>Confectioners</i> ...	Monday, Tuesday, Wednesday, Thursday and Friday	9.30 p.m.
	Saturday	10 p.m.
	Sunday	8 p.m.
† <i>Other Shops</i> ... (non-exempted trades)	Monday, Tuesday, Wednesday, Thursday and Friday	8 p.m.
	Saturday	9 p.m.
	Sunday	8 p.m.
	(subject to weekly half-holiday Order).	
<i>Refreshments</i> ... (consumed on premises)	Special Licences	10 p.m. and 11 p.m.
<i>Exempted Trades</i> ... (newly-cooked provisions, etc.)	No closing hour.	

LEGAL PROCEEDINGS.

Date	Name	Nature of Case	Result
March ..	W. Gudgeon, 288 Hertford Rd., Edmonton	Trading in Street after closing hour	Fined 10s.
June ...	F. West. 51 West Green Road	Serving in Shop after closing hour.	Fined £5
..	T. Dakin, 774 Seven Sisters Rd	do.	Fined 20s.
September...	E. Butcher, 282 Philip Lane	Failure to give half-holiday to Assistants	Fined 5s.

WATER SUPPLY.

The Tottenham water supply is from the Metropolitan Water Board's mains, with the exception of premises in White Hart Lane, supplied from a shallow well.

PUBLIC SWIMMING BATHS—CONSTANT FILTRATION.

At the Central Baths a constant filtration plant was introduced at the beginning of the Season which has caused the baths to become more popular ; the water is constantly clear, notwithstanding the large number of bathers. The Superintendent intimates that the installation has been a great success, both from the financial and hygienic point of view.

GENERAL SANITARY WORK.

Hereunder is specified in tabular form the inspections by the Sanitary Officers during 1927, and the nature of the defects discovered :—

	Mr. Redston (Green Lanes and Part Chestnuts)	Mr. West (West Green)	Mr. Smith (part Chestnuts and part Stamford Hill)	Mr. Portman (Town Hall and part Stamford Hill)	Mr. Miller and Mr. Bennett (Bruce Grove & S'gh. and part Park & Col.)	Mr. Shillito (W. H. Lane and part Park and Col.)
House to house inspections ...	153	252	291	171	228	367
Re-inspections	1283	1225	1154	1090	1422	1544
Drains examined, tested, etc....	59	56	176	91	97	97
Drains unstopped	28	42	29	25	21	153
Drains re-constructed & repaired	15	17	47	24	27	41
Soil pipes and drains ventilated	...	5	39	35	58	38
R.W. pipes, wastes, etc., repaired	74	29	66	85	32	39
Dust bins provided	35	42	60	34	41	58
Roofs repaired	121	79	147	73	42	104
Gutters repaired and renewed ...	97	49	94	48	37	68
Cisterns cleaned, repaired, etc....	21	9	23	25	11	15
W.C. repaired, cleaned, etc. ...	54	66	93	53	39	194
Yards paved and drained	31	61	61	42	62	43
Premises cleaned, etc.	196	185	301	304	205	698
Defective floors	27	39	103	28	35	91
Defective window frames and sashes	51	23	96	31	50	224
Defective coppers	21	28	41	18	5	36
Defective fireplaces	32	47	97	16	4	56
Other defects	97	109	170	58	81	95
Smoke observations	44	29	32	23	20	8
Accumulations of refuse	27	7	16	4	3	12
Visits in connection with cases of infectious disease (including Tuberculosis)	174	147	163	169	160	231
Rooms inspected after disinfection	42	69	101	121	93	80
Other inspections	81	94	311	129	65	93
Factories, No. of inspections ...	57	60	31	9	12	41
Workshops & workplaces „ ...	35	85	37	15	21	72
Laundries „	11	15	3	2	...	...
Dairies, etc. „	61	46	44	21	31	39
Cowsheds „ ... ..	...	...	...	3	...	...
Bakehouses „	25	37	46	18	30	40
P.H. urinals „	114	49	27	60	54	...
Stables and Mews „	51	70	50	18	56	...
Complaints investigated	89	175	421	250	95	154
Appointments	75	125	180	13	45	...
School inspections ... ..	...	...	4	6	...	...
Pawnbrokers	3	...	...	...	...	4
Common Lodging Houses ... ..	...	...	...	19	...	39
Slaughterhouses ... ..	...	102	44	79	...	62
Knackers Yards ... ..	...	...	...	52	...	...
Brooks and Watercourses	4	...	2	8	10	...
Butchers' shops	91	71	56	182	36	86
Fishmongers' shops	77	56	29	44	28	} 97
Fruiterers' shops	90	35	27	22	26	
Ice Cream premises	4	13	8	...	...	10

SANITARY WORK CARRIED OUT BY FEMALE SANITARY INSPECTOR.

Visits to Outworkers' Premises...	...	...	...	774
„ Workshops	...	...	...	80
„ Laundries	...	...	...	6
„ Factories	...	...	...	3
Complaints Investigated	...	...	...	78
Miscellaneous Visits	...	...	...	7
Re-inspections	...	...	...	347
Swabs Taken	...	...	...	1,543
S. F. Contacts Examined	...	...	...	371

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)	232	54	...
Workshops (including Workshop Laundries)	373		
Workplaces (other than out-workers' premises included in Part 3 of this Report).			
Total	605	54	...

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	44	44	...	...
Want of ventilation	1	1	...	...
Overcrowding ... ..	...	...	...	...
Want of drainage of floors	3	3	...	...
Other nuisances	2	2	...	...
Sanitary accommodation {	insufficient	6	6	...
	unsuitable or defective	10	10	..
	not separate for sexes	1	1	...
<i>Offences under the Factory & Workshop Act</i>				
Illegal occupation of underground bake-houses (s. 101)	...	...	...	...
Other offences (excluding offences relating to outwork which are included in Part 3 of this Report)	...	...	...	...
Total	67	67	...	...

* 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	36	205	3	24	451	78	...	...	564	...	...	...	...	...	...
Boots and Shoes	8	32	...	...	23	19	...	...	36	...	...	...	...	...	...
Stationery	4	6	...	...	2	...	...	...	8	...	...	...	...	...	...
Cardboard, etc., Boxes	4	26	...	...	8	7	...	...	27	...	...	...	...	...	...
Brushes	2	2	...	...	6	1	...	...	7	...	...	...	...	...	...
Smallware	2	2	...	...	...	1	...	...	1	...	...	...	...	...	...
Knitted Goods ... ..	...	...	...	...	8	...	...	...	8	...	...	...	...	...	...
Furs	2	4	...	...	13	...	...	...	17	...	...	...	...	...	...
Umbrellas ... ..	...	...	...	...	4	...	...	...	4	...	...	...	...	...	...
Fancy Goods	2	20	...	...	9	2	...	...	27	...	...	...	...	...	...
Artificial Flowers ... ..	...	...	...	...	2	...	...	...	2	...	...	...	...	...	...
Lace Papers & Xmas Crackers	2	65	...	...	7	37	...	...	35	...	...	...	...	...	...
Leather Goods ... ..	...	...	...	...	4	...	...	...	4	...	...	...	...	...	...
Needlework ... ..	...	...	...	...	14	...	...	...	14	...	...	...	...	...	...
Lace Goods ... ..	...	...	...	...	12	...	...	...	12	...	...	...	...	...	...
Hair Goods	2	7	...	...	...	...	...	...	7	...	...	...	...	...	...
Feathers ... ..	...	...	...	...	1	...	...	...	1	...	...	...	...	...	...
Totals	64	369	3	24	564	145	...	...	774	...	...	...	...	...	...

4.—Registered Workshops.

Workshops on the Register (s. 131) at the end of the year	Number
Workshops	178
Laundries	22
Bakehouses	57
Total number of Workshops on Register	257

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)	2
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)	17
Notified by H.M. Inspector	
Reports (of action taken) sent to H.M. Inspector...	17
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).

UNSOUND FOOD.

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

Meat :—

2 Pigs.
56 lbs. Pork.
8 Pigs' Heads.
6 Ox Livers.
88 lbs. Beef.
1 leg and 16 lbs. Mutton.

Fish :—

14 boxes Kippers.
3 trunks Cod.
1 barrel, 1 box and
14 stone Skate.
1 box Hake
4 boxes Fish Roes.
1 trunk Haddock.
 $\frac{1}{2}$ case Norway Herrings.
6 bags Winkles.
1 bag Whelks.
28 lbs. Rock Salmon.

Fruit and Vegetables :—

73 boxes Tomatoes.
4 boxes and 22 lbs. Apples.
3 boxes Pears.
64 baskets Strawberries.
27 baths Peaches.
23 Grape Fruits.
14 bags Walnuts.
10 bags Savoys.
1 box Lettuce.

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 respecting samples taken in Tottenham :—

Name of Article.	Samples	
	Taken.	Found Adulterated.
Milk	348	11
Milk, Separated	1	—
Cream	9	1
Butter	7	—

Name of Article	Samples	
	Taken	Found Adulterated
Bacon	1	—
Brawn	6	1
Bread	1	—
Colouring Matter	1	—
Fish Paste	12	—
Fruit, dried	3	—
Fruit, tinned	1	—
Margarine	3	—
Meat	15	3
Meat, cooked	4	—
Prawns	3	—
Preservatives	7	4
Sausages	32	8
Sausages, cooked	19	—
Sausage Skins	1	—
Seasoning	3	—
Soup	1	—
Suet	1	—
Vegetables, tinned	4	—
	<hr/> 483 <hr/>	<hr/> 28 <hr/>
Number of Prosecutions	...	6
Number of Convictions	...	6
Fines and Costs imposed	£58 3s. 0d.	

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

DISINFECTION AND DISINFESTATION.

1,406 rooms were disinfected.

16,649 articles were disinfected or destroyed.

360 library books were disinfected.

47 persons were bathed.

EXHUMATIONS.

2 exhumations took place at the Tottenham Cemetery, under the supervision of the Sanitary Inspector. The Home Office requirements were complied with.

SMALL DWELLINGS ACQUISITION ACT.

The Sanitary Inspectors are required to report upon the condition of properties proposed to be acquired under the Small Dwellings Acquisition Act. The sanitary conditions of such properties have been the subject of 32 reports during 1927.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS OR REGULATIONS.

SLAUGHTER HOUSES.—There are 12 private Slaughter Houses in the District, 5 being registered and 7 licensed. They are periodically visited, and it has not been found that any offence has been created.

DAIRIES, COWSHEDS AND MILKSHOPS.

15 applications for registration from retail purveyors of milk were received during the year. These were acceded to.

There are at present 111 retail purveyors on the register.

5 purveyors were licensed for the sale of "Grade A (Tuberculin Tested)" Milk, 2 for the sale of "Certified" Milk, 1 for the sale of "Pasteurised" Milk (supplementary license), and 1 for the sale of "Certified" Milk (supplementary license).

Periodical inspection is made of the premises where Graded Milk is bottled.

No action was required to be taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925.

COMMON LODGING HOUSES.

There are 5 Common Lodging Houses in the District. All have been kept under observation, and appropriate action was taken to remedy any defects found.

HOUSING.

At the end of 1927 there were approximately 4,000 names upon the Treasurer's register of persons applying for houses on the Council's Estate. This number increased to 4,500 by the end of March, 1928.

New Houses and Tenements erected during the Year.

	Houses.	Flats and Tenements.	Lock-up Shops.
By private builders (no State assistance)	408	6	2
By the London County Council ...	290	22	—
By the Tottenham Council ...	248	20	4
	<hr/> 946	<hr/> 48	<hr/> 6

Unfit Dwelling Houses.

Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...	3,690
Number of dwelling-houses which were inspected and recorded under the Housing Consolidated Regulations, 1925	1,462
Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation...	—
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 ...	2,568

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	2,270
---	-------

Action under Statutory Powers.

(a) Proceedings under Section 3 of the Housing Act, 1925—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	261
(2) Number of dwelling - houses which were rendered fit—	
By owners	217
By Local Authority in default of Owners	44
(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	37
(2) Number of dwelling-houses in which defects were remedied—	
By Owners	32
By Local Authority in default of Owners	5

(c) Proceedings under Sections 11 to 15 of the Housing Act, 1925—

(1) Number of representations made with a view to the making of Closing Orders	—
(2) Number of dwelling-houses in respect of which Closing Orders were made	—
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit ...	3
(4) Number of dwelling-houses in respect of which Demolition Orders were made ...	—
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	—

Tottenham Education Committee

ANNUAL REPORT

OF THE

SCHOOL MEDICAL OFFICER

for 1927.

MEMBERS OF THE COMMITTEE.

Mr. T. INGLIS (Chairman).
Mr. E. FROST (Vice-Chairman).
Mrs. F. C. BRIGHTEN.
Mr. J. BRISTOW.
Mrs. H. E. BYERS.
Miss R. F. COX.
Mr. T. ELDERFIELD.
Mrs. E. L. FINCH.
Mr. E. C. HARRIS.
Mr. A. E. HARVEY.
Mr. G. R. S. HOWSON.
Mr. A. E. JAY.
Mrs. A. KITCHENER.
Mrs. J. D. LYNCH.
Major P. B. MALONE, M.P., J.P.
Mr. A. MANSFIELD.
Mr. W. E. MONTAGUE.
Mr. D. NOTT.
Miss L. B. PRESCOTT.
Mr. A. REED, A.F.I.
Mr. F. E. SHARLAND.
Mr. C. WISE.

INTRODUCTION.

School Medical Department,

Town Hall,

Tottenham,

March, 1928.

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

Ladies and Gentlemen,

In this report particular attention is directed to the excellent results of treatment of otorrhœa by ionization.

When this treatment was commenced, there were heavy arrears to overtake of cases of long standing resistant to the ordinary methods of treatment.

The arrears are wiped out, and patients can be dealt with as they are discovered, without any period of waiting. While they are still in the acute stage, treatment is most effective, a rapid and complete recovery almost invariably resulting.

It would be a considerable advantage to the chronic cases could they be retained under our own Ear Specialist for their operative treatment.

During the year nothing has occurred to impede the harmonious and efficient working of the School Medical Department.

What that has meant to the school population can very inadequately be expressed in terms of tables and script. Health and happiness are neither translatable nor measureable.

May I on my own behalf and in the name of the staff express gratification in serving a Committee that so zealously, as does yours, safeguards the welfare of the school children?

I am, Ladies and Gentlemen,

Yours faithfully,

David C. Kirkhope.

SCHOOL HYGIENE.

The Surveyor has supplied the following statement of improvements and repairs to school premises.

IMPROVEMENTS EFFECTED DURING THE YEAR ENDED MARCH, 1928, TO SCHOOL PREMISES, ETC.

All Hallows.

The provision of a new sliding partition between two classrooms.
The redecoration of the interior.

Belmont.

The installation of a new heating boiler.
The installation of a new "Kalor" boiler and domestic hot water supply.
Redecoration internally and externally.

Chestnuts Dental Clinic.

Redecoration internally.

Crowland Road.

The installation of a new heating boiler.

Culvert Road.

The installation of a "Kalor" boiler and domestic hot water supply.
Redecoration internally and externally.

Coleraine Park.

The installation of an improved method of artificial lighting.
The formation of a new stock room.
The provision of new pans and alteration of water supply to Boys' latrines and urinals.
The provision of new pans and alteration of water supply to Boys' (Infants) latrines and urinals and Girls' (Infants) W.C.'s.
Repairing and redressing of playgrounds.

Downhills (Junior).

The installation of a "Kalor" boiler and domestic hot water supply.

Downhills (Girls').

The provision of an additional exit from cloak room.

Lancasterian.

Improved method of artificial lighting.

Repairing and redressing of Boys', Girls' and Infants' playgrounds.

Middle Class (New).

The provision of entirely new furniture—made in the Committee's workshops.

Orchard House.

The provision and erection of a marquee for Open Air Class.

Parkhurst Road.

Redecoration internally and externally.

Page Green.

The formation of a new stock room.

The provision of new pans and alterations of water supply to Boys' (Infants) latrines.

Stamford Hill (Infants).

The removal of partition between two classrooms.

Stamford Hill (Girls').

The re-division of three classrooms by the provision of two new partitions.

The removal of the galleries in three classrooms and the levelling of floors.

Seven Sisters (Boys' and Girls').

The provision of new pans and alteration of water supply to latrines.

St. Ann's (Boys').

Redecorations internally.

St. Ann's (Infants').

The laying of a new solid floor in one classroom.

St. Ignatius.

The installation of a new heating boiler.

Improved method of artificial lighting.

St. Francis de Sales.

Improved method of artificial lighting.

Relaying playground.

St. Katharine's.

Redecorations internally.

Redressing playground.

Woodlands (Infants').

The installation of a new heating boiler.

Improvements to heating of two classrooms.

Woodlands (Boys' and Girls').

Re-arrangement of two large classrooms in each department in order to form three by the erection of new sliding partitions.

The provision of top lighting to the middle room in the Boys' Department.

Alterations to the heating of three classrooms in each department.

Furniture.

In addition to the repairs and renovations to the school furniture, new furniture has been supplied to many of the schools—i.e., blackboards, tables, cupboards, remedial forms, needlework boxes, All blackboards requiring repairs have been repaired or renovated.

MEDICAL INSPECTION.

The record of inspections, general and special, and the action arising thereout, including following-up and treatment, have been tabulated and are to be found on pages 25—32.

INFECTIOUS DISEASE.

The following infectious diseases amongst school children have been notified with the frequency stated.

Scarlet Fever	308
Diphtheria	234
Erysipelas	1
Pneumonia	36
Encephalitis Lethargica	2
Poliomyelitis	1
Tuberculosis—pulmonary	11
Tuberculosis—non-pulmonary	19

Voluntary Notifications.—Teachers, attendance officers, and others gave intimation of the occurrence of the following diseases :—

Measles	158	Sore Throat	20
German Measles	35	Tuberculosis	3
Mumps	693	Influenza	105
Whooping Cough	274	Eye Disease	9
Chicken Pox	228	Ringworm of Head	19
Scarlet Fever	112	Ringworm of Body	7
Diphtheria	116	Sores and Eczema	46
Scabies	9	Impetigo	21
Skin Disease	6	Rheumatism	3
Tonsilitis	13	Otorrhoea	7
Chorea	5	Children excluded owing	
Pneumonia	2	to Infectious Disease	
Colds	6	in house	285
Rash	5	Other Diseases	75

These cases were excluded from school so long as they were deemed to be in an infectious condition.

Bacteriological Examinations :—1945 Swabs were taken from children discharged from Hospital after diphtheria, and from home and school contacts. As the result of examination, 215 were found to carry diphtheria germs, 1,730 did not show such evidence, whilst 52 had germs similar to, but not identical with, diphtheria germs.

Microscopical Examinations.—6 specimens of hairs were found to contain spores of ringworm out of 19 examined.

Ringworm is a disease whose incidence has been greatly reduced by the application of X-Rays. But for the migratory character of our population, it could be extinguished immediately.

FOLLOWING-UP.

Visits by School Nurses numbered 5,694. These visits were to children absent from school on account of illnesses notified from the school, or because of failure to keep appointments at one or other of the treatment clinics. Children upon whom operations have been performed were also followed-up at home until they were fit to return to school.

MEDICAL TREATMENT.

Tonsils and Adenoids.—The North Middlesex Hospital and the Prince of Wales's Hospital undertake, for payment, the operative treatment of children found to be suffering from enlarged tonsils and hypertrophy of post-nasal adenoid tissue. Operations numbered 659 during the year. They were all successful. The operations are conducted under chloroform and ether anaesthesia, so that they may be deliberate and thorough.

Dr. Friel has furnished the following table and report in relation to Otorrhœa cases dealt with at the Aural Clinic :—

Cause of Suppuration.	Total	Cured.	Lost sight of.	Still under treatment.	Needing hospital
ACUTE SUPPURATIVE OTITIS MEDIA ...	92	85	1	5	1
CHRONIC SUPPURATIVE OTITIS MEDIA, DUE TO					
1. <i>Tympanic Conditions :—</i>					
(a) Tympanic Sepsis	46	44	1	1	—
(b) T.S. and Granulations	7	4	2	1	—
(c) T.S. and Polypus	7	3	1	3	—
2. <i>Tympanic Conditions, plus</i>					
(a) Pharyngitis	1	1	—	—	—
(b) Rhinitis	3	2	1	—	—
3. <i>Tympanic Conditions, plus</i>					
(a) Attic Disease	14	6	2	3	3
(b) Mastoid Disease	12	3	—	1	8
EXTERNAL OTITIS	20	17	2	1	—
CAUSE UNDETERMINED	2	1	1	—	—
Total	204	166	11	15	12
Percentage	100%	81·3	5·4	7·3	5·8

Four years have been completed since the Clinic for Chronic Otorrhœa was opened at Bruce Castle.

THE POLICY followed is to have every case of otorrhœa sent to the clinic as soon as it is possible for the patient to be seen.

THE ORGANISATION adopted at the clinic has been designed so as to have the work carried out with as little inconvenience as possible. The co-operation of the mothers is ensured by seeing that their time is not wasted. Appointments are made for each patient—a definite time for a particular date being written on a card and handed to, or sent to, each patient. The patients are called up for examination and treatment in the order of time for which the appointments have been made, and not according to the order in which the patients may choose to come to the clinic. When a parent finds that order is strictly observed she comes at the time arranged. The times are arranged according to the periods required for treatment and to that most convenient to the parent.

THE TREATMENT given has been described in previous reports.

THE RESULTS. Comparing the statistics of 1924—5, 1926 and 1927 it will be seen that the cases in the first three years were mostly chronic cases. When the clinic was started there was a large accumulation of cases (well over 100) of chronic otorrhœa. It took more than two years to work through these and the fresh cases that were continually being added, until there was no waiting list. Very few cases of acute otorrhœa were treated during this time. Gradually the accumulation of chronic cases was worked off and it became possible to deal with cases of acute otorrhœa as they arose. There is now no waiting list and any case of acute otorrhœa can be seen and treated as soon as notified, thus:—

Year.	Number of ears treated.				Number acute.
1924—25	...	213	...	...	6
1926	...	181	...	...	27
1927	...	204	...	...	92

The importance of seeing cases of otorrhœa when they are in the acute stage is that they can then be easily and quickly cured.

The clinic is a unit in which a definite policy is followed ; where an organisation is strictly adhered to ; and where treatment (including zinc ionization if necessary) is given according to the condition present in each patient.

Mr. Cohen has a clear idea of the organisation, and Nurse Lindsay has helped both the patients and myself.

OPEN-AIR EDUCATION.

The Director of Education has kindly furnished the following statement respecting Open-Air Education, Physical Training and Provision of Meals:—

(a) Playground Classes.

Open-air shelters have continued in use at Page Green, Stamford Hill, and other schools. Owing to unsuitable weather it was not possible to make use of the playgrounds for class purposes to the extent desired.

(b) School Journeys.

For the year 1927, expenditure not exceeding £160 in aid of School Journeys was agreed to by the Education Committee and sanctioned by the Board of Education. The following grants were made to schools which undertook journeys:—

	£
Crowland Road Boys' School	35
Down Lane Girls' Central School	60
Risley Avenue Boys' Central School	30
St. Paul's Girls' School	35
	<hr/>
	£160
	<hr/>

The Committee first gave assistance to School Journeys in 1920. Since that time they have made the following grants:—

Year.	Amount Sanctioned.	Amount Spent.
	£	£
1920	300	221
1921	250	209/10
1922	187/10	138/17
1923	187/10	185
1924	210	210
1925	190	168/3
1926	120	131
1927	160	160
	<hr/>	<hr/>
	£1,605	£1,423/10
	<hr/>	<hr/>

The following are brief particulars of School Journeys carried out in 1927 :—

1. CROWLAND ROAD BOYS' SCHOOL.

This School organised for the first time a very successful journey to Niton, Isle of Wight, where 30 boys stayed for a fortnight (May 25th—June 8th).

Visits were paid to St. Catharine's Lighthouse, Blackgang Chine, Newport and Carisbrooke Castle, Freshwater and the Needles, Ventnor and Shanklin, Portsmouth Dockyard.

The total cost was £79 12s., of which the Committee contributed £35.

2. DOWN LANE CENTRAL SCHOOL FOR GIRLS.

Eighty-five girls, in two parties, spent a week at Tankerton, near Whitstable.

The journey was made by road and the programme included motor-coach excursions to Canterbury, Dover, Deal, and Sandwich.

The total cost was £201 15s. 3d., towards which the Committee contributed £60.

3. RISLEY AVENUE CENTRAL SCHOOL FOR BOYS.

Twenty-two boys spent a week at the Rockland Boarding House, Swanage, from May 2nd—9th.

They travelled by rail from Waterloo Station to which they were conveyed by char-a-banc. The usual excursions to neighbouring places of interest were successfully carried out.

The total cost of the journey was £61 15s. 3d., of which £30 was paid by the Committee.

4. ST. PAUL'S GIRLS' SCHOOL.

Thirty girls spent a fortnight at Folkestone in June. Excursions were made to Canterbury, Dover, Deal, and other places in the neighbourhood, the programme being similar to that of former visits made by girls from this school.

The total cost of the journey was £82 11s. 10d., and the grant from the Committee was £35.

It may be mentioned that, in connection with every school journey, a programme of study is prepared and this is submitted to the Board's Inspector for his approval. He also receives a report on the journey and sees the scholars' note books.

(c) **School Camps.**

No School Camps were held in 1927.

(d) **Open-Air Classrooms in Public Elementary Schools.**

The proposed additional department at Devonshire Hill, mentioned in last year's Report, is now in course of erection and is expected to be ready for occupation by October, 1928. It is planned on similar lines to those of the two existing departments, but modifications in the form of the movable portions of the walls are being made to avoid some disadvantages arising from the form previously adopted.

(e) **Day Open-Air Schools.**

The Open-Air Class, which has been held for several years during the Spring and Summer in the bandstand at Downhills Park, was continued in 1927 with results that were quite good in spite of the bad weather experienced.

The facilities provided for the Open-Air Class which has for several years been held at Orchard House, Park Lane, have been extended by the provision of a marquee, so placed as to receive the maximum amount of air and sunlight. The use of this, with the existing shelter, has made it possible for the class to remain at Orchard House throughout the year.

The proposed Open-Air School has not yet been established. A suitable site has been obtained near a proposed large Recreation Ground and a site reserved for a School playing field. The site is at present under cultivation as allotments, but it is hoped that possession will be secured in a short time when the building of the School will be commenced.

PHYSICAL TRAINING.

Physical Training continues to receive full attention in the Schools. In addition to courses of instruction based on the Board's syllabus, Folk Dancing, Eurhythmics and other exercises are taught.

The arrangements for Remedial Exercises for children selected by the Medical Staff remain as in former years.

Organised Games are a regular part of the curriculum of the Schools. Valuable assistance is given by the District Council, who give facilities for the use of public parks and recreation grounds in and out of school hours. The Council has now provided a number of netball courts in the parks. These will be a valuable addition to the courts marked out in school playgrounds.

The School Sports' Association, which organised Cricket, Football, Netball and Swimming, out of school hours, has again done most useful work. The Sports' Days of individual schools and the combined Sports Meeting were again most successful. More than 2,000 Swimming Certificates were awarded to scholars during the year.

PROVISION OF MEALS.

During the year 1927-28, 147,939 dinners were provided. Most of these were supplied free to the children of parents whose family income fell below a fixed limit. Dinners were also provided at, or under cost, (according to circumstances) to pupils of Down Lane Central School who live at a distance from the School.

In April, 1927, a new Meals Centre was opened at Culvert Road School. This is attended by pupils from Culvert Road, Seven Sisters, Stamford Hill, Vale Road, and St. Ann's Schools, who have dined in

recent years at neighbouring restaurants. The new Centre has worked admirably and has enabled children to receive good food under conditions which could not be expected at a public eating-house.

The menus of the meals supplied are similar to those detailed in last year's report.

REMEDIAL DRILL.

In most girls' departments there is a special class for postural deformities. A school teacher who has special aptitude for this kind of work conducts the class. The schools are visited, in rotation, by a part-time remedial drill mistress. In addition to the supervision by the latter, the school medical officer devotes one session a week to the re-examination of the children attending the class and to searching for others in need of remedial drill.

Cases dealt with during year	...	...	...	1,828
Special examinations of new cases	...	...	...	1,250
New cases referred for treatment	...	...	...	216

The defects discovered in connection with these new cases are as follows :—

Curvatures	...	...	...	...	72
Rickets	...	...	...	...	4
Other deformities	...	...	...	...	140
Number of cases cured during year	...	...	...	...	153

CO-OPERATION OF PARENTS, TEACHERS AND ATTENDANCE OFFICERS.

Parents are invited to attend at the medical and dental inspections. Infants are usually accompanied by one or other parent. The attendance of parents with older children is not so general. Intimation of the occurrence of any defects requiring attention is sent to the parent who is advised to seek the aid of the private practitioner.

Teachers and attendance officers assist the medical department in every way possible. Upon mutual co-operation depends the efficacy of the School Medical Services.

Head teachers are usually quite ready to put their private rooms at the disposal of the medical officers for the medical inspections, and otherwise assist the health department in making the examinations as comfortable and effective as possible. In not a few schools the head teacher sits with the medical officer throughout the inspections and learns the nature of the defects discovered and the degree of urgency for their remedy. The medical officers welcome this co-operation and interest.

CO-OPERATION WITH VOLUNTARY BODIES.

The Education Committee have working arrangements with the Prince of Wales's General Hospital, a voluntary hospital situated in Tottenham, for the treatment of indoor and outdoor patients, as well as for consultations.

During the past year there has been re-established in Tottenham a branch of the Queen Alexandra Nursing Association. There are five nurses on the staff available for illnesses requiring skilled nursing.

Through the Invalid Children's Aid Association, treatment is provided for delicate children at Convalescent Homes. When the condition for which treatment is sought is likely to be of considerable duration, a place is found in one of those Institutions approved for the purposes of Education.

The Education Committee contribute to the cost of surgical appliances, supplied through the agency of the Invalid Children's Aid Association, for children of school age.

Convalescent Home Treatment.—During the year, 370 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	8	16	27	99	56	55	17	28	15	15	7	7
No. of weeks	13	14	15	16	17	18	20	25	27	30	37	—
No. of Children	5	5	2	1	1	1	1	1	2	1	1	—

In 28 of these cases, the treatment has been continued into 1928,

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

Nervous Debility 7	Tuberculosis :—
Pre-tubercular Debility ... 20	Hip 1
Debility aft. Infectious Disease 15	Knee 1
Post-operative Debility ... 22	Chorea 35
Post-Pneumonic Debility ... 9	Enlargement of Glands ... 12
Post-Influenza Debility ... 7	Rheumatism 16
Anaemia and Debility ... 44	Tonsilitis 3
General Debility 65	Dyspepsia 6
Heart Affections and Anaemia 5	Paralysis 8
Bronchitis and Bronchial	Empyema 1
Catarrh 54	Nephritis 2
Asthma 9	Adenitis 1
Other Non-tubercular Lung	Pyrexia 1
Disease 5	Neuresthenia 1
Gastric 4	Other Cases 16

Provision of Surgical Instruments.—Surgical appliances were supplied, and repairs and replacements effected in 341 instances. This was in respect of 98 children who were found to be suffering from the following defects :—

Infantile and other forms of	Scoliosis 3
Paralysis 30	Club-feet 3
Tuberculosis :—	Other forms of Deformed
Hip 7	Feet 7
Knee 2	Amputated Leg 1
Spine 2	Rickety Deformities ... 6
Flat-foot 15	Other Cases 16
Poliomyelitis 6	

BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.

Residential Schools.

There is no Residential School established for defective school children belonging to Tottenham.

To meet the need of defective children, for whom residential treatment is necessary, places are found outside the area.

Thus there are 45 children boarded outside the district, in Residential Schools, as follows :—

Defects.	Residential Institutions.
Mentally Defectives (16 cases).	All Souls Special School, Hillingdon. Bigod's Hall, Dunmow, Essex. Allerton Priory, Woolton, Liverpool.
Epileptics (7 cases).	Cha'font Colony, Buckinghamshire. Lingfield Homes and School. St. Elizabeth's Colony, Much Hadham.
Blind and Partially Blind (13 cases).	East London Home, Clapton. London School for Blind, Hampstead. Barclay's Blind Institution, Brighton.
Physically Defective and Crippled (6 cases).	The Victoria Cripple Home, Bournemouth. St. Patrick's Open-Air School, Hayling Island. St. Andrew's Open-Air School, Hayling Island. Shaftesbury Cripple Home, Hastings. Hermitage Art-Craft School, Chailey. St. Michael's Cripple Home, Clacton-on-Sea.
Deaf and Dumb (3 cases).	St. John's Deaf School, Boston Spa. L.C.C. Special School, Penn. Royal Deaf and Dumb Institution, Margate.

These are visited periodically by the Medical Officer.

School for the Deaf.

There were 60 children on the register at this school at the end of the year, 34 being Tottenham children. These are not all deaf, but are so dull of hearing as to be unable to derive advantage from attendance at ordinary elementary schools.

Lordship Lane School for Partially Blind Children.

Myopic children and others with visual defects necessitating special educational training are received by the Wood Green Authority at the above school.

A report from the head teacher, relating to Tottenham children, has been received to the following effect :—

Number of admissions :—

On the roll 24 children (15 boys, 9 girls).

Number admitted since school opened 33

Number left 9

3 allowed to return to elementary schools.

1 learning a trade.

2 in occupations.

1 at home.

1 at Centre in L.C.C. area.

1 lost sight of.

Classification of the children :—

12 in the Senior class (10 to 14 years).

12 in the Junior class (5 to 12 years).

Standard of Work and Intelligence :—

10 of the 24 are of average intelligence.

6 backward on account of visual defect.

8 definitely dull and backward. Some of these lack good physique and backwardness due partly to absences.

The transfer of the school from Noel Park to the present premises is accompanied by marked environmental advantages.

School for Physically Defective Children.

During the year 77 children have been in attendance, the number on the register at the end of the year being 52. The defects from which the children suffered were as follows :—

Infantile Paralysis	...	...	...	...	...	25
Congenital Deformities	...	...	...	...	...	2
Cerebral Diplegia	...	...	...	...	...	7
Fragilitas Ossium	...	...	...	...	...	1
Heart Disease (Congenital)	...	...	...	...	...	6
Heart Disease (Acquired)	...	...	...	...	...	9
Double Congenital Dislocation of Hips	...	...	...	...	...	3
Single Congenital Dislocation of Hips	...	...	...	...	...	1
Hydrocephalus	...	...	...	...	...	1
Tuberculosis :—						
Spine	...	...	...	...	...	8
Knee	...	...	...	...	...	6
Hip	...	...	...	...	...	8

Oak Lodge Day School for Mentally Defective Children.

We are indebted to the Head Teacher of Oak Lodge School for the following statement :—

During the past year 43 children from Tottenham have received instruction at the Finchley, Hornsey and Wood Green Joint Special School. This school is at "Oak Lodge," Oak Lane, East Finchley, healthily situated on the Northern Heights, and has about 2 acres of ground attached. The home-like nature of the premises is a great asset to the work of the school in developing the qualities of initiative and self-reliance which are latent, and often overlooked, in the children.

A hot meal is provided in the middle of the day, at a cost of 5d. per head, but this is given free in really necessitous cases. It may be mentioned here that children receiving free meals have, on an average, gained 5½-lbs. in weight during the year. Hot milk is also available, at a small charge, during the morning recess.

Particular attention is paid to the personal cleanliness and general health of the scholars. Most of them receive a bath once a week, and an attendant is at the school daily to superintend this feature of the work. The school nurse also examines every child each week, and special cases are under the observation of the School Medical Officer on his weekly visits. Minor ailments are treated daily at the Finchley Clinic in Oak Lane.

Stress is laid in class-room teaching, upon personal hygiene; and the children have ample opportunity for out-door games, such as football,

cricket and badminton. In fine weather all suitable lessons are taken in the garden, and the abundance of fresh air and healthy exercise are responsible for a decided improvement in the physique and mentality of the children.

The curriculum consists of the usual three R work, together with many and varied forms of handwork. Interesting crafts, such as leather and pewter work, barbola, gesso and dargeena, chair-caning and basketry are taught in the senior classes. The older boys also receive instruction in wood-work and gardening; and in connection with the latter occupation, each boy has his own plot of ground, in which he grows vegetables. On the girls' side of the school, the children are taught cookery, laundry and house-wifery, also every branch of plain and fancy needlework, including the repair and renovation of garments and simple dress-making. "Oak Lodge" scholars have taken prizes for hand-work in open competition with children from normal schools in the Northern Metropolitan area. Drill and country dancing are also taught, and are greatly enjoyed by the children. Another interesting feature is the school library, which helps to inculcate a love of reading as a leisure occupation.

Every opportunity is taken to interest the children, not only in their immediate environment, but in the greater world outside, and with a view to this, school journeys are taken to places of interest, such as the Natural History Museum at South Kensington, Westminster Abbey, and the Zoological Gardens, and such visits do much towards raising the standard of intelligence.

The majority of the children, on leaving school, become self-supporting. Many work in shops and factories, also in domestic service, and are not only able to obtain situations, but to remain in them for considerable periods.

Orchard House Open-Air Class.

The Open-Air Class at Orchard House has 35 boys in attendance. A marquee has been provided and this has proved to be a useful addition to the accommodation previously existing there.

The boys are selected by the medical officers and are re-examined at frequent intervals. It is satisfactory to state that in practically every case there has been an increase in weight and improvement

in physical condition and appearance. In some cases a stay of from 3 to 6 months has been sufficient to enable certain of the boys to return to their ordinary schools. No hardship has resulted from exposure to the changes of temperature or climatic conditions; indeed the reverse has been the case and the boys appeared to enjoy the open-air life.

Cod Liver Oil and Malt has been administered and extra milk supplied.

Open-Air Classes.

Open-Air Classes were held in connection with West Green Girls' School and Page Green Girls' School during the summer months, the former in the bandstand situated in Downhills Park and the latter in a specially constructed shelter in the playground of the school. The physical defects from which the pupils in these classes suffered included arrested and threatened phthisis, tuberculosis of the glands, bones and joints, bronchial affections, chorea, anaemia and malnutrition. Notwithstanding the unfavourable conditions due to an inclement summer, the physical condition of the children, with very few exceptions, showed considerable improvement when the classes were disbanded in the month of October. At West Green School Open-Air Class, 18 girls were in attendance and the average increase in weight at the end of 5 months was 2-lbs., 13-ozs. At Page Green Open-Air Class 20 girls were in attendance and here the average gain in weight at the end of the same period was 3-lbs. 2-ozs. Grade "A" milk and cod liver oil and malt were supplied daily to all the pupils in attendance at both classes.

SECONDARY SCHOOLS.

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

Tables II-IV, pages 23-25, show in detail the defects discovered during the inspections, and the number of defective children who were subsequently found to have received treatment.

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	...	...	...	1,978 lbs.
Parrish's Food	...	...	...	1,532 lbs.
Cod Liver Oil	...	...	...	1,431 ozs.
Syrupus Ferri Iodidi	...	...	...	3,822 ozs.
Syrupus Calcii Lactophosphatis	...	...	...	3,618 ozs.

EXAMINATIONS BY THE MEDICAL OFFICER.

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

1 attendance officer has also been examined.

SECONDARY SCHOOLS.

TABLE I.—NUMBER OF PUPILS INSPECTED 1ST JANUARY, 1927,
TO 31ST DECEMBER, 1927.

Ages				Routine Inspections										Total	
				10	11	12	13	14	15	16	17	18			
Boys	...	...	...	1	85	88	32	126	106	20	—	—	458
Girls	...	..	...	4	95	100	78	112	115	48	1	2	555
TOTALS	...	...	...	5	180	188	110	238	212	68	1	2	1013

TABLE II.—RETURN OF DEFECTS FOUND IN THE COURSE OF MEDICAL INSPECTION IN 1927.

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	...	...	...	...	3	—
	Uncleanliness:—						
	Head	...	...	...	...	—	—
	Body	...	...	...	...	—	—
	Ringworm—						
	Head	...	...	...	...	—	—
	Body	...	...	...	...	—	—
	Scabies	...	...	...	...	—	—
Eye.	Impetigo	...	...	...	...	1	—
	Other Diseases (Non-Tubercular)	...	...	...	...	14	—
	Blepharitis	...	...	...	...	1	—
	Conjunctivitis	...	...	...	...	1	—
	Keratitis	...	...	...	...	—	—
	Corneal Opacities	...	...	...	...	—	—
	Defective Vision	...	...	...	...	70	1
	Squint	...	...	...	...	1	—
Ear.	Other Conditions	...	...	...	...	1	—
	Defective Hearing	...	...	...	...	6	—
	Otitis Media	...	...	...	...	7	—
	Other Ear Diseases	...	...	...	...	—	—
Nose and Throat.	Enlarged Tonsils	...	...	...	...	19	2
	Adenoids	...	...	...	...	—	—
	Enlarged Tonsils and Adenoids	...	...	...	...	2	—
	Other Conditions	...	...	...	...	8	—
Enl. Cervical Glands (Non-Tubercular)						3	—
Defective Speech						1	—
Heart and Circulatn.	Heart Disease—						
	Organic	...	...	...	...	—	10
	Functional	...	...	...	...	—	5
	Anæmia	...	...	...	...	12	—
Lungs.	Bronchitis and Bronchial Catarrh	...	...	...	...	4	—
	Other Non-Tubercular Diseases	...	...	...	...	2	—
	Pulmonary—						
Tuber- culosis.	Definite	...	...	...	...	—	—
	Suspected	...	...	...	...	—	—
	Non-Pulmonary—						
	Glands	...	...	...	...	—	—
	Spine	...	...	...	...	—	—
	Hip	...	...	...	...	—	—
	Other Bones and Joints	...	...	...	...	—	—
	Skin	...	...	...	...	—	—
Nervous System.	Other Forms	...	...	...	...	—	—
	Epilepsy	...	...	...	...	1	—
	Chorea	...	...	...	...	2	—
	Other Conditions	...	...	...	...	—	—
Deformi- ties.	Rickets	...	...	...	...	—	—
	Spinal Curvature	...	...	...	...	3	—
	Other Forms	...	...	...	...	25	—
Other Defects and Diseases						39	—

TABLE IV.—TREATMENT OF DEFECTS OF PUPILS DURING 1927.

GROUP I.—TREATMENT OF MINOR AILMENTS.

Disease or Defect.	Number of Defects Treated, or under Treatment during the Year.		
	Under Local Education Authority's Scheme.	Otherwise.	Total
<i>Skin—</i>			
Ringworm—Head ...	—	—	—
Ringworm—Body ...	—	—	—
Scabies ...	—	—	—
Impetigo ...	—	1	1
Minor Injuries ...	—	—	—
Other Skin Diseases ...	—	9	9
<i>Ear Disease</i> ...	—	6	6
<i>Eye Disease—</i>			
External and other ...	—	2	2
Miscellaneous ...	—	3	3
TOTAL ...	—	21	21

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

Defect or Disease.	No. of Defects dealt with.			
	Under the Authority's Scheme.	Submitted to refraction by private practitioner or at hospital, apart from the Authority's Scheme.	Other-wise.	Total.
(1)	(2)	(3)	(4)	(5)
Errors of Refraction (including Squint) ...	9	42	—	51
Other Defect or Disease of the Eyes (excluding those recorded in Group I.) ...	—	—	—	—
TOTAL ...	9	42	—	51

Total number of Pupils for whom spectacles were prescribed :—

(a) Under the Authority's Scheme	...	...	...	...	9
(b) Otherwise	...	...	...	...	40

Total number of Pupils who obtained or received spectacles :—

(a) Under the Authority's Scheme	...	...	...	...	9
(b) Otherwise	...	...	...	...	40

GROUP III.—TREATMENT OF DEFECTS OF NOSE AND THROAT.

Number of Defects.

Received Operative Treatment.			Received other forms of Treatment.	Total Number treated.
Under the Authority's Scheme, in Clinic or Hospital. (1)	By Private Practi- tioner or Hospital apart from the Auth- ority's Scheme. (2)	Total (3)		
—	11	11	7	18

GROUP IV.—DENTAL DEFECTS

Number of Pupils who were:—

Found to require treatment	...	...	...	...	...	149
Actually treated	...	...	...	...	...	97

ELEMENTARY SCHOOLS.

TABLE I.—NUMBER OF CHILDREN INSPECTED 1ST JANUARY, 1927,
TO 31ST DECEMBER, 1927.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections—

Entrants	...	...	...	...	...	...	...	2,454
Intermediates	...	...	...	...	...	...	...	1,667
Leavers	...	...	...	...	...	...	...	2,535
Total	...	...	...	...	...	...	...	6,656

Number of other Routine Inspections ... —

B.—OTHER INSPECTIONS.

Number of Special Inspections	...	...	...	...	...	7,695
Number of Re-Inspections	...	...	...	...	...	20,730
Total	...	...	...	...	...	28,425

TABLE II. A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31st DECEMBER, 1927.

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	17	18	62	1				
Uncleanliness :—(See Table IV., Group V.) ...								
Skin	Ringworm :—							
	Scalp	—	—	25	1			
	Body	—	—	24	—			
	Scabies	—	—	34	—			
	Impetigo	11	—	697	—			
Eye	Other Diseases (Non-Tuberculous)	21	—	337	1			
	Blepharitis	11	—	96	—			
	Conjunctivitis	4	—	141	—			
	Keratitis	1	—	26	—			
	Corneal Opacities	1	—	1	—			
Ear	Defective Vision (excluding Squint	372	8	330	—			
	Squint	32	—	105	—			
	Other Conditions	5	—	115	1			
	Defective Hearing	8	1	37	1			
	Otitis Media	25	6	243	1			
Nose and Throat	Other Ear Diseases	13	—	116	1			
	Enlarged Tonsils only	282	146	213	1			
	Adenoids only	5	1	15	2			
	Enlarged Tonsils and Adenoids	203	28	208	7			
	Other Conditions	12	3	264	—			
Enl. Cervical Glands (Non-Tuberculous) ...	5	3	95	2				
Defective Speech	1	4	5	5				
Teeth—Dental Diseases (See Table IV., Group IV.)								
Heart & Circulation	Heart Disease :—							
	Organic	4	14	20	1			
	Functional	—	58	10	3			
Lungs	Anæmia	17	3	96	2			
	Bronchitis and Bronchial Catarrh	35	76	416	1			
	Other Non-Tubercular Diseases	3	1	42	6			
Tuber- culosis	Pulmonary :—							
	Definite	—	—	6	—			
	Suspected	3	2	17	2			
	Non-Pulmonary :—							
	Glands	6	1	—	—			
	Spine	—	—	2	1			
	Hip	1	—	6	—			
	Other Bones and Joints	—	—	2	—			
Nervous System	Skin	3	—	—	—			
	Other Forms	—	—	—	—			
	Epilepsy	—	1	5	3			
Defor- mities	Chorea	9	5	89	—			
	Other Conditions	5	3	46	17			
	Rickets	1	—	9	1			
Other defects and diseases	Spinal Curvature	6	1	80	—			
	Other Forms... ..	17	—	177	1			
Other defects and diseases	81	29	1889	93				

NOTE.—Defects reported in the previous year have not been recorded in this table.

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	2,454	390	15·9
Intermediates	1,667	307	18·4
Leavers	2,535	468	18·4
Total (Code Groups)	6,656	1,155	17·3
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	4	2	6
		Attending Public Elementary Schools	—	—	—
		At other Institutions	—	—	—
		At no School or Institution ...	—	—	—
	(ii.) Suitable for training in a School or Class for the partially blind	Attending Certified Schools or Classes for the Blind	18	15	33
		Attending Public Elementary Schools	—	—	—
		At other Institutions	—	—	—
		At no School or Institution ...	—	1	1
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	15	30
		Attending Public Elementary Schools	—	—	—
		At other Institutions	—	—	—
		At no School or Institution ...	—	—	—
	(ii.) Suitable for training in a School or Class for the partially deaf	Attending Certified Schools or Classes for the Deaf	3	4	7
		Attending Public Elementary Schools	—	—	—
		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 ...	27	30	57
		Attending Public Elementary Schools	99	42	141
		At other Institutions	—	—	—
		At no School or Institution ...	25	11	36
	Notified to the Local Authority <i>during the year</i>	Feeble-minded	—	2	2
		Imbeciles	1	3	4
		Idiots	—	1	1
Epileptics	Suffering from severe epilepsy	Attending Certified Special Schools for Epileptics	3	4	7
		In Institutions other than Certified Special Schools	—	—	—
		Attending Public Elementary Schools	—	—	—
		At no School or Institution ...	5	2	7
	Suffering from epilepsy which is not severe	Attending Public Elementary Schools	4	8	12
		At no School or Institution ...	—	—	—

TABLE III.—*continued.*

			Boys	Girls	Total
Physically Defective	Infections pulmonary and glandular tuberculosis	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ...	—	1	1
		At other Institutions ...	—	—	—
		At no School or Institution ...	1	3	4
	Non-infectious but active pulmonary and glandular tuberculosis	At Sanatoria or Sanatorium Schools approved by the Ministry of Health or the Board ...	5	4	9
		At Certified Residential Open Air Schools ...	—	—	—
		At Certified Day Open Air Schools ...	—	—	—
		At Public Elementary Schools...	2	11	13
		At other Institutions ...	—	—	—
		At no School or Institution ...	1	2	3
	Delicate children (e.g., pre—or latent tuberculosis, mal-nutrition, debility, anæmia, etc.)	At Certified Residential Open Air Schools ...	1	1	2
		At Certified Day Open Air Schools ...	35	—	35
		At Public Elementary Schools...	105	197	302
		At other Institutions ...	60	44	104
		At no School or Institution ...	—	1	1
	Active Non-pulmonary tuberculosis	At Sanatoria or Hospital Schools approved by the Ministry of Health or the Board ...	3	3	6
		At Public Elementary Schools...	9	6	15
		At other Institutions ...	1	1	2
		At no School or Institution ...	3	2	5
	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 ...	—	4	4
		At Certified Day Cripple Schools ...	26	26	52
		At Public Elementary Schools...	58	70	128*
		At other Institutions ...	—	1	1
		At no School or Institution ...	2	10	12

*Under the heading "Crippled Children" 7 boys and 17 girls require Special School accommodation. The remaining 51 boys and 53 girls are capable of receiving proper benefit from instruction in the ordinary public elementary schools.

TABLE IV.—RETURN OF DEFECTS TREATED DURING THE YEAR ENDED
31st DECEMBER, 1927.

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	21	5	26
Ringworm-Body	25	—	25
Scabies	35	—	35
Impetigo	703	6	709
Other skin disease	338	17	355
<i>Minor Eye Defects</i> (External and other, but ex- cluding cases falling in Group II).	385	12	397
<i>Minor Ear Defects</i>	397	25	422
<i>Miscellaneous</i> (e.g. minor injuries, bruises, sores, chilblains, etc.) ...	704	14	718
Total	2,608	79	2,687

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)	965	15	11	991
Other Defect or Disease of the Eyes (excluding those recorded in Group I.) ...	48	—	—	48
Total	1,013	15	11	1,039

Total number of children for whom spectacles were prescribed

(a) Under the Authority's Scheme	744
(b) Otherwise	25

Total number of children who obtained or received spectacles

(a) Under the Authority's Scheme	742
(b) Otherwise	24

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)		
659	42	701	287	988

TABLE IV.—*continued.**Group IV.—Dental Defects.*

(1) Number of Children who were:—

(a) Inspected by the Dentist:

Aged :

Routine Age Groups	5	...	1,894	}	Total ...	15,455
	6	...	2,164			
	7	...	2,434			
	8	...	2,195			
	9	...	1,938			
	10	...	2,096			
	11	...	2,030			
	12	...	557			
	13	...	115			
	14	...	32			

Specials 2,358

Grand Total 17,813

(b) Found to require treatment 11,811

(c) Actually treated 5,784

(d) Re-treated during the year as the result of periodical examination 2,003

(2) Half-days devoted to: { Inspection ... 79 } Total 810
 { Treatment ... 731 }

(3) Attendances made by children for treatment 7 465

(4) Fillings: ... { Permanent Teeth 1,254 } Total 1,711
 { Temporary Teeth 457 }

(5) Extractions: ... { Permanent Teeth 1,226 } Total 11,045
 { Temporary Teeth 9,819 }

(6) Administrations of general anaesthetics for extractions ... 1,370

(7) Other operations ... { Permanent Teeth 139 } Total 164
 { Temporary Teeth 25 }

(8) Regulation cases: 30

Group V.—Uncleanliness and verminous conditions.

(i.) Average number of visits per school made during the year by the School Nurses 20.5

(ii.) Total number of examinations of children in the Schools by School Nurses 137,423

(iii.) Number of individual children found unclean 1,815

(iv.) Number of children cleansed under arrangements made by the Local Education Authority 56

(v.) Number of cases in which legal proceedings were taken:—

(a) Under the Education Act, 1921 —

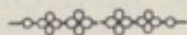
(b) Under School Attendance Byelaws —

Tottenham Maternity and
Child Welfare Committee

ANNUAL REPORT

FOR THE

YEAR 1927



LIST OF MEMBERS OF COMMITTEE (1927).

Miss R. F. COX (Chairman).

Mr. E. S. BROWN (Vice-Chairman).

Mrs. C. L. ASHWORTH.

Mrs. E. S. BROWN.

Mrs. F. C. BRIGHTEN.

Mrs. H. BYERS.

Mrs. F. W. COX.

Mrs. M. DRAWMER.

Mrs. E. L. FINCH.

Mr. H. FARTHING.

Mr. W. FORDYCE.

Mr. C. D. GRANT.

Mrs. A. KITCHENER.

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

Mr. L. G. MORRELL.

Miss L. B. PRESCOTT.

Mr. A. REED, A.F.I.

Mrs. S. E. SANDERS.

Mrs. M. H. TIMMS.

Mr. S. TIMMS.

Infant Welfare and Maternity Centres

BRUCE CASTLE, BRUCE CASTLE PARK.

INFANT WELFARE CLINICS.

*Monday Afternoon	...	...	at 2 o'clock
Tuesday Afternoon	...	...	at 2 "
Wednesday Afternoon	...	...	at 2 "
*Thursday Morning	...	...	at 9.30

MATERNITY CLINICS FOR EXPECTANT MOTHERS.

*Tuesday Morning	...	...	at 9.30
*Thursday Afternoon	...	...	at 2 o'clock

THE CHESTNUTS, THE CHESTNUTS PARK.

INFANT WELFARE CLINICS.

Tuesday Afternoon	...	...	at 2 o'clock
*Wednesday Morning	...	...	at 9.30
Wednesday Afternoon	...	...	at 2 o'clock
*Thursday Afternoon	...	...	at 2 "
*Friday Afternoon	...	...	at 2 "

MATERNITY CLINICS FOR EXPECTANT MOTHERS

*Tuesday Afternoon	...	...	at 2 o'clock
*Thursday Morning	...	...	at 9.30

TOWN HALL CENTRE.

INFANT WELFARE CLINIC.

Wednesday Afternoon	at 2 o'clock
---------------------	-----	-----	--------------

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.

MOTHERS' WELFARE CLUB.—A Social is held at each Centre once a month —

**The Chestnuts Centre—Third Wednesday of each month.
Bruce Castle Centre—Last Wednesday of each month.**

* Lady Doctor in Attendance.

INTRODUCTION.

Medical Officer's Department,

Town Hall, Tottenham, N. 15.

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

April, 1928.

Ladies and Gentlemen,

The year 1927 has been singularly uneventful. Dr. Esther Rickards commenced duty as ante-natal clinician in April in the place of Dr. Margaret Salmond, resigned.

The District Nursing Association for Tottenham was re-established in September with three nurses, which have subsequently been added to.

It is in the pre-school age that preventive measures against infectious diseases should be employed. Although measures were taken to explain the efficacy of inoculation against diphtheria and an offer made to administer the treatment free of charge, the response has not encouraged me to hope that the incidence and fatality from that disease will be materially reduced.

Maternal mortality and morbidity and the neo-natal death rate demand exhaustive enquiry and appropriate remedy.

The staff have loyally devoted themselves to the duties assigned to them.

I am, Ladies and Gentlemen,

Yours faithfully,

David C. Kirk Rhope.

Medical Officer of Health.

BIRTHS, 1927.

LIVE BIRTHS.

Registrar-General's Figures—M.	...	...	...	...	1,176
F.	...	...	...	...	1,212
					<hr/> 2,388

Local Information :—

Total Births notified	...	...	...	...	2,456
Less Still Births	...	...	...	...	76
					<hr/>
Total Live Births	...	...	...	...	* 2,380

*Births outside the District included in above :—

Council cases in District Maternity Home	...	...	66
Other cases notified from District Maternity Home	...		258
Notified from other Outside Institutions	...	...	231
			<hr/>
			555

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.

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	...	...	...	...	1,812
Part breast-fed—plus milk, dried milk or condensed	...				247
Bottle feeding—Cows' milk	...	...	...	...	123
Dried milk	...	...	...	...	73
Other artificial foods	...	...	...	...	50
Feedings unknown	...	...	...	...	39
Information refused	...	...	...	...	36
					<hr/> 2,380

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 ...	2,539	7,543	293	18,256	28,631
Still-births	71	54	—	—	125
Deaths	33	12	13	3	61
Ophthalmia Neonatorum and Discharging eyes ...	20	55	—	—	75
†Other Infectious Diseases	53	125	118	171	467
Total	2,716	7,789	424	18,430	29,359
	Maternity Visits—				
	1st Visits	Re-visits			
Ante-Natal	428	578	—	—	1,006
Post-Natal	778	755	—	—	1,533
Puerperal Fever	5	4	—	—	9
Puerperal Pyrexia	11	17	—	—	28
	* Other Visits				
	1st Visit	Re-Visits			
	457	383	—	—	840
Total Visits	—	—	—	—	32,775

†Other Infectious Diseases include Measles and German Measles, Bronchial Pneumonia, Tuberculosis, Whooping Cough, Poliomyelitis.

*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 ... (The Chestnuts)	11,345	733	52	205	33·80	46·75	1,405
Bruce Castle ...	8,379	563	52	151	32·65	44·24	1,159
Town Hall ...	1,674	113	—	52	—	32·19	234
Total ...	21,398	1,409	104	408	—	—	2,798

Medical Inspections	Total Number	New Cases	Number of Sessions	Average No. of Inspections per Session
St. Ann's ... (The Chestnuts)	3,982	675	154	25·85
Bruce Castle...	2,836	516	100	28·36
Town Hall ...	—	—	—	—
Town Hall ...	6,818	1,191	254	—

Infant Mortality of Infants Attending the Infant Welfare Centres during 1927

Centre	1927 Births.		Infantile Death-rate
	No. on Register	Deaths of Infants	
St. Ann's... (The Chestnuts)	480	4	8·3
Bruce Castle ...	345	3	8·6
Town Hall ...	78	—	—
	903		

Infant Mortality rate for whole area 64·4 per thousand births.

ANTE AND POST NATAL CLINICS.

Medical Examinations	Ante Natal	Post Natal	Total	Number of Sessions	Average Attendance per Session
St. Ann's ... (The Chestnuts)	860	138	998	101	9.9
Bruce Castle ...	652	116	768	100	7.68
Total ...	1,512	254	1,766	201	—
<i>New Cases</i>					
St. Ann's ... (The Chestnuts)	243	86	329	—	—
Bruce Castle ...	177	54	231	—	—
	420	140	560	—	—

MATERNITY HOMES AND HOSPITALS.

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

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

District Maternity Home, Edmonton	Mothers' Hospital.	Total	Discharged before Confinement	Confine- ments		Total	Mothers Delivered by		Total
				Live Births	Still Births		Mid- wives	Doctors	
66	0	—	—	64	2	66	63	3	66

Notified as Puerperal Sepsis	Maternity Deaths	No. of cases in which temperature rose above 100·4 for 24 hours.	Notified as Ophthalmia Neonatorum	Inflammation of the eyes	Not Entirely breast-fed
Nil	Nil	1	Nil	1	5

	£	s.	d.
Cost of patients admitted to Maternity Home ...	312	18	0
Contributions by patients towards maintenance...	288	13	6
Net cost to Council	£24	4	6

Average duration of stay, 15·8 days.

CRECHE ATTENDANCES.

The attendances from 1st January to 31st December, 1927, were as follows :—

Number of days on which the Crèche was opened, 247.

Quarter	Attendances under 3 years of age	Attendances over 3 years of Age	Total
1st January to 31st March... ..	687	490	1,177
1st April to 30th June	862	451	1,313
1st July to 30th September	1,079	481	1,560
1st October to 31st December	1,135	512	1,647*
	3,763	1,934	5,697

Number of children admitted :—

Under three years (when admitted)	77
Over three years	37
Total	114

Average daily attendance, 23·06

*Includes 47 attendances for half a day.

Applications for assistance have been dealt with as follows :—

Assisted Milk Supply.—621 families were assisted in the supply of milk on behalf of expectant and nursing mothers and children under 5 years of age. The amount of milk distributed (fresh and dried milk) was 57,695 qts. or their equivalent.

Assistance has been given towards the payment of Midwives' Fees on 5 occasions and for a Home Help in one instance.

CONVALESCENT HOME TREATMENT.

The arrangement with the Invalid Children's Aid Association for the maintenance of children at Convalescent Homes has been continued during 1927 as follows :—

38 children were sent away for varying periods, namely :—

Number of Weeks ...	1	2	3	4	5	6	7	8	9	10	11	12
Number of Children ...	—	1	4	8	2	7	2	5	—	2	1	1
Number of Weeks ...	13	14	15	16	17	18	19	20	21	22	23	24
Number of Children ...	—	1	1	—	1	1	—	—	1	—	—	—

HOSPITAL TREATMENT FOR CHILDREN UNDER 5 YEARS OF AGE.

The arrangement with the Prince of Wales's Hospital, Tottenham, and the North Middlesex Hospital, Edmonton, for children referred from the Welfare Centres for consultation and treatment was continued during the year :—

The following table sets out the number of cases referred to these hospitals under the Local Authority's Scheme :

Total Number	Consultations only.	Tonsils and Adenoids.			Other Diseases.		Sunlight Treatment.	
		Operations.	Retained in Hospital.	No. of Days	In-patients.		treated as	
					No.	for	Out-patients	In-patients
23	4	15	2	1—1 night 1—3 days	1	Hernia	2	1

DISTRICT NURSING ASSOCIATION—HOME VISITS. CHILDREN UNDER 5 YEARS OF AGE.

Number of Home Visits—300, in respect of 20 cases.

Pneumonia and Influenzal Pneumonia	...	...	...	7 cases
Bronchial Pneumonia and Congenital Heart	...	...	...	2 „
Whooping Cough	...	...	...	1 „
Whooping Cough and Pneumonia	...	...	...	4 „
Measles	...	...	...	1 „
Measles and Whooping Cough	...	...	...	2 „
Measles and Pneumonia	...	...	...	2 „
Ophthalmia Neonatorum	...	...	...	1 „
				20 cases

EXPECTANT AND NURSING MOTHERS.

Number of Home Visits—61, in respect of 4 mothers.

Puerperal Pyrexia	...	...	...	...	...	3
Puerperal Fever	...	...	...	...	...	1
						4

The Committee are indebted to the following donors, for gifts to the Centres and the Crèche :—

To the Welfare Centres :—From the Harringay Scouts' Association, per Mrs. M. B. Inward—Xmas parcels for needy families ; from the Dorcas Society of the High School for Girls—gifts of baby clothing ; from Mr. W. Vincent—a sewing machine.

To the Creche :—10s. 6d. from the North Tottenham Labour Party for toys, and gifts from the following :—Miss Councillor R. F. Cox, Miss Byatt, Miss Boyle, Miss Brown, Mrs. S. Brown, Co-operative Society Members, Mrs. Collier, Mrs. Devereux, Mrs. Dicks, Mrs. Finch, Mrs. Kitchener, Mrs. Kent Parsons, Mrs. Schuger, Mrs. N. Smith, Dr. Smythe.

Miss Cremolina continues to give her services for part of the sewing at the Creche.

The matron of the Creche and the staff provided a party for the children.

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