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# The Metropolitan Borough of Holborn

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## REPORT

OF THE

## MEDICAL OFFICER of HEALTH

FOR THE YEAR

1959

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J. A. STRUTHERS, M.D., M.R.C.P., D.P.H.







**The Metropolitan Borough of Holborn**

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**MEDICAL OFFICER of HEALTH**

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## The Metropolitan Borough of Holborn

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### PUBLIC HEALTH COMMITTEE

The Mayor and Deputy Mayor are *ex-officio* members of all Standing Committees of the Council. The Mayor in 1958/59 was Councillor S. Jaque, J.P., and in 1959/60 was Councillor A. F. Judd, J.P. The Deputy Mayor in 1958/59 was Alderman W. J. Ridd, J.P., and in 1959/60 was Councillor S. Jaque.

1958/59

**Chairman—**

Councillor I. W. Galbraith.

**Vice-Chairman—**

Councillor Mrs. L. J. Coleman, A.R.S.H.

Councillor J. A. Barker.

,, Mrs. L. A. Brown.

,, J. Clark.

,, C. H. Davies.

,, A. G. Feen.

Alderman M. P. Greengross,  
O.B.E.

Councillor T. E. C. Harris.

,, F. Jaque.

,, Mrs. L. G. Jayne.

,, M. F. Murray

Alderman G. B. M. Reed.

Councillor T. J. White.

1959/60

**Chairman—**

Councillor S. Jaque (Deputy Mayor).

**Vice-Chairman—**

Councillor Mrs. L. J. Coleman, A.R.S.H.

Councillor J. W. Bowden.

,, Mrs. L. A. Brown.

,, E. A. J. Clark.

,, J. Clark.

,, E. G. Cracknell.

,, M. Critchley, M.D.,  
F.R.C.P.

,, A. G. Feen.

,, Mrs. A. G. Finn.

Alderman M. P. Greengross, O.B.E.

Councillor H. T. Haddow, L.D.S.

,, T. E. C. Harris.

,, Mrs. L. G. Jayne.

,, C. D. B. Tutt, M.H.C.I.



## STAFF

The following was the staff of the Public Health Department during 1959.

Medical Officer of Health:	Jointly with City of Westminster	J. A. Struthers, M.D., M.R.C.P., D.P.H.
Deputy Medical Officer of Health:		G. W. Piper, M.B., B.S., D.P.H.

Public Analyst: (Part time) C. H. Wordsworth, B.Sc., F.R.I.C.

Deputy Public Analyst: (Part Time) J. H. E. Marshall, M.A., F.R.I.C.

Chief Clerk: A. E. Hobbs.

Public Health Inspectors: H. D. Bailey, F.A.P.H.I.  
J. H. R. Crabtree, M.R.S.H., F.A.P.H.I., R.P.  
L. T. J. Nash, M.A.P.H.I.  
H. Parker, M.A.P.H.I., A.R.S.H.  
J. A. Hoare, M.A.P.H.I.

Technical Assistant (Temporary) W. E. Malthouse (from 24.8.59).

Clerical Staff: R. R. Stent, (Senior Clerk).  
C. G. Legge (Senior Clerical Assistant), (to 18.4.59).  
D. G. Marshall, (Senior Clerical Assistant).  
Miss I. J. Palk.  
Miss M. Field.  
B. O'Halloran.  
J. J. Parker.

## Disinfecting Station and Cleansing

Station Staff: F. A. L. Russell, (Superintendent Disinfector and Plant Engineer).  
J. W. Gardiner, (Deputy Superintendent Disinfector).  
N. J. Lyons.  
W. C. Razzell.  
S. F. Harris.  
Mrs. R. E. Nicholls.

Rodent Operatives: A. Baldwin.  
J. W. Maloney.

Public Health Department,

Town Hall,

197, High Holborn, W.C.1.

June, 1960

To the Mayor, Aldermen and Councillors of the

Metropolitan Borough of Holborn.

Your Worship, Ladies and Gentlemen,

Herewith I beg to present a report upon the health and sanitary conditions of the Borough for the year 1959.

I am,

Your obedient Servant,

J. A. STRUTHERS,

Medical Officer of Health.





## SECTION 1.

### General Information and Statistical Summary.

#### General

Holborn, with an area of 405 acres, is the smallest of the Metropolitan Boroughs. It is about  $1\frac{1}{4}$  miles long, extending from Tottenham Court Road in the West to Farringdon Road in the East, and averages about half a mile in width.

**Soil.**—Most of the Borough is covered with Taplow Gravel to a depth of between 10 and 20 feet overlaying London Clay which varies in thickness from about 40 - 60 feet in the North of the Borough to about 80 - 100 feet in the South. In the North East corner there is a small area of London Clay without gravel cover, and in the extreme South East the London Clay is covered with brickearth. There is a deposit of alluvium in the valley of the old Fleet River in the extreme East of the Borough.

#### Typical Sections are:—

1.	Tottenham Court Road ..	Drift (i.e. including Taplow Gravels)	22½ feet
		London Clay .. .. .	63½ feet
2.	Grays Inn .. ..	Made Soil .. .. .	7 feet
		Gravel .. .. .	9½ feet
		London Clay .. .. .	40½ feet
3.	Lincoln's Inn .. ..	Made Soil .. .. .	13 feet
		Gravel .. .. .	5 feet
		London Clay .. .. .	113 feet
4.	Bernard Street .. ..	Made Soil .. .. .	10 feet
		Sand and Gravel .. .. .	11½ feet
		London Clay .. .. .	46 feet

**Altitude.**—The altitude varies from 40 feet above Ordnance datum in Farringdon Road in the East, to 92 feet above Ordnance datum in Torrington Place in the North West corner. In the South in Lincoln's Inn Fields the figure is 68 feet.

Area of borough highways excluding footpaths .. ..	46 acres approx.
Total length of roads .. .. .	about 25 miles
Population (1951) census .. .. .	24,806
Population (Registrar-General's mid-1959 estimate) .. ..	21,370
Number of persons per acre (estimated average) .. ..	53
Number of dwelling houses, flats and other residences .. ..	6,033
Rateable Value .. .. .	£3,801,430
Product of penny rate, approximately .. .. .	£15,550
General rate for the year .. .. .	15s. 2d. in the £



TABLE No. 1

## Marriages

The following table shows the number of marriages which have taken place in the Borough during the last 10 years, and the marriage rates for those years:—

Year	C. of E.	R.C., Chapels and Supt. Registrar's Office	Total Marriages	Estimated Population	Marriage Rate per 1,000 Population
1950	75	281	356	25,930	13.73
1951	51	301	352	24,540	14.34
1952	54	257	311	23,950	12.99
1953	64	307	371	23,710	15.65
1954	53	345	398	23,340	17.05
1955	51	366	417	23,060	18.08
1956	75	387	462	22,640	20.40
1957	73	425	498	22,230	22.40
1958	68	374	442	21,870	20.20
1959	56	380	436	21,370	20.40

## Summary of Vital Statistics

Live Births .. .. .	215
Birth-rate (per 1,000 estimated population)	10.06
Deaths, all ages .. .. .	251
Death-rate (per 1,000 estimated population)	11.74
Infant deaths .. .. .	14
Infant death-rate (per 1,000 live births)	65.12
Maternal deaths .. .. .	Nil
Maternal death rate (per 1,000 live births)	Nil
(per 1,000 live and still births)	Nil
Tuberculosis deaths .. .. .	5
Tuberculosis death-rate (per 1,000 estimated population)	.23
Cancer deaths .. .. .	49
Cancer death-rate (per 1,000 estimated population)	2.29

## Maternity and Child Welfare Centres

Province of Natal Centre, Guilford Place .. .. .	Telephone CHAncery 9401
--	----------------------------

## Chest Clinic

University College Hospital, Huntley Street, W.C.1 .. .. .	Telephone EUSon 5050
--	-------------------------

## Day Nurseries

Kingsway Creche (Voluntary Day Nursery), Kingsway Hall, Kingsway, W.C.2	Telephone HOLborn 5676
--	---------------------------



## Hospitals in the Borough

Name and Address of Hospital	Telephone No.	Type of Hospital	Number of Beds
Hospital for Sick Children, Great Ormond Street, W.C.1	Holborn 9200	Special Teaching Hospital	325
The Royal London Homoeopathic Hospital, Great Ormond Street, W.C.1.	Terminus 3091	Group 22, N.W. Regional Hospital Board	183
The National Hospital, Queen Square, W.C.1.	Terminus 7721	Special Teaching Hospital	229
Moorfields Eye Hospital, High Holborn, W.C.1	Temple Bar 6611	With Moorfields and Cen- tral Eye Hospital, Special Teaching Hospital	100
St. Paul's Hospital, Endell Street, W.C.2	Temple Bar 9611	With St. Peter's Hospital, Henrietta Street—Special Teaching Hospital	48
French Hospital, Shaftesbury Avenue, W.C.2	Temple Bar 5025-6	Voluntary Hospital	63
Italian Hospital, Queen Square, W.C.1	Holborn 6191	Voluntary Hospital	53

## Ambulance Facilities

The London County Council, as Local Health Authority, is responsible under Section 27 of the National Health Service Act, 1946, for the provision of ambulance facilities within the Administrative County of London.

The Home Service Ambulance Department (Order of St. John of Jerusalem and British Red Cross Society) and the Hospital Car Service act as agents of the County Council in supplying some of the ambulance and car transport provided under the Act. The Headquarters of the London Ambulance Service are at The County Hall, Westminster Bridge, S.E.1.

Ambulances may be summoned as follows:—

## (1) Accidents—

Sudden illness in the streets, public places or places of employment. (Note—For sudden illness in the home a doctor, **not** an ambulance, should be summoned.)

Dial “999” (or follow the instructions given on the telephone instrument) and ask for—  
“AMBULANCE.”

## (2) Maternity patients (who have booked a bed in a hospital or maternity home)—

Very urgent illness in the home (provided a medical practitioner certifies that the case is urgent and arrangements have been made with a hospital for the patient's admission).

Telephone—

WATERloo 6000  
CENTral 6301  
REGent 4000  
RELiance 3622 or  
NEW Cross 2645

## (3) Illness, infectious disease, etc.—

Normally the hospital to which the patient is to be admitted will summon the ambulance, if one is necessary, by telephoning ... WATERloo 3311

This applies also to patients being discharged from hospital or attending there as out-patients.

### Emergency Bed Service

#### (King Edward's Hospital Fund for London)

The Emergency Bed Service was founded in 1938 to assist general practitioners in finding beds for acute emergency cases. Since the 5th July, 1948, the Service, working in close co-operation with the Ambulance Service, has acted as agent for the four Metropolitan Regional Hospital Boards for the admission of all types of cases except mental and tuberculous. The Central Office of the Emergency Bed Service is at 28, London Bridge Street, S.E.1, (Telephone HOP 7181).



## SECTION 2.

### Births and Deaths

#### STATISTICS FOR THE YEAR 1959.

##### Population

The civilian population, as estimated by the Registrar-General, Mid-1959 was 21,370. Comparable estimates for preceding years are set out on page 14.

##### Registered Live Births

	M.	F.	Total	Rate per 1,000 Estimated Population	Proportion per 1,000 Registered Live Births
Legitimate .. ..	103	81	184	8.61	856
Illegitimate .. ..	16	15	31	1.45	144
Total Live Births ..	119	96	215	10.06	—

Comparable figures for preceding 30 years are set out on page 14.

##### Registered Still Births

	M.	F.	Total	Rate per 1,000 Live and Still Births
Legitimate .. ..	1	—	1	4.59
Illegitimate .. ..	1	1	2	9.17
Total Stillbirths ..	2	1	3	13.76

##### Notification of Births

The following figures for Holborn for 1959 have been supplied by the Divisional Medical Officer of the London County Council:—

	M.	F.	Total
Live Births .. ..	113	96	209
Stillbirths .. ..	1	1	2
Total Births Notified .. ..	114	97	211

The number of notified births in any year differs from the number of registered births owing to the difference in time allowed for notification and registration.

##### Deaths—All Ages

M.	F.	Total	Rate per 1,000 Estimated Population
141	110	251	11.74

Comparable figures for preceding 30 years are set out on page 14.

The following table shows the age and sex distribution of the total deaths (corrected) in Holborn during 1959.

Age Groups	0-1	1-	5-	15-	25-	45-	65-	75-	TOTALS
Males ... ..	7	2	—	1	6	50	42	33	141
Females ... ..	7	4	1	3	7	28	21	39	110
TOTALS ... ..	14	6	1	4	13	78	63	72	251
% of Total ...	5.58	2.39	.40	1.60	5.18	31.08	25.09	28.68	100

Average age at death in Holborn during 1959 was 60.15 years.



TABLE No. 2

## Vital Statistics for the last 30 years

Year	Estimated Mid-Year Population	Net Registered Live Births		Net Deaths			
		Number	Rate per 1,000 Est'd. Population	All Ages		Under 1 Year of Age	
				Number	Rate per 1,000 Est'd. Population	Number	Rate per 1,000 net Live Births
1930	38,380	405	10.55	488	12.7	36	88.9
1931	34,470	352	10.21	492	14.3	26	73.9
1932	36,440	349	9.57	517	14.2	25	71.6
1933	36,050	342	9.49	486	13.5	24	70.2
1934	36,000	309	8.58	440	12.2	22	71.2
1935	35,400	271	7.65	420	12.7	24	88.6
1936	34,850	289	8.29	418	11.99	18	62.3
1937	34,600	280	8.09	410	11.85	22	78.6
1938	34,350	250	7.28	358	10.51	19	76.0
1939	30,660	229	6.85	378	12.33	14	61.14
1940	23,470	218	9.29	504	21.47	14	64.22
1941	17,160	191	11.13	432	25.17	9	47.12
1942	16,580	188	11.34	250	15.08	9	47.82
1943	17,240	252	14.62	305	17.69	13	51.59
1944	18,020	207	11.49	302	16.76	11	53.14
1945	18,680	244	13.06	296	15.85	17	69.67
1946	21,190	298	14.06	292	13.78	12	40.27
1947	23,460	338	14.41	295	12.57	12	35.50
1948	24,960	361	14.46	283	11.34	7	19.39
1949	25,490	325	12.75	284	11.14	12	36.92
1950	25,930	300	11.57	286	11.03	7	23.33
1951	24,540	284	11.57	304	12.39	10	35.22
1952	23,950	293	12.24	276	11.53	10	34.13
1953	23,710	275	11.60	273	11.52	4	14.55
1954	23,340	252	10.80	237	10.15	8	31.75
1955	23,060	248	10.76	240	10.41	7	27.67
1956	22,640	265	11.70	261	11.53	13	49.06
1957	22,230	251	11.29	264	11.88	9	35.85
1958	21,870	218	9.97	255	11.66	6	27.52
1959	21,370	215	10.06	251	11.74	14	65.12

TABLE No. 3

## Causes of, and Ages at, Death

Classification according to the short list of causes of death adopted by the Registrar General in Form S.D.25.

Causes of Death	Net Deaths at the Subjoined Ages of "Residents," whether occurring within or without the District																		All ages
	Under 1 year		1 and under 5 years		5 and under 15 years		15 and under 25 years		25 and under 45 years		45 and under 65 years		65 and under 75 years		75 and over		Totals		
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1. Tuberculosis, respiratory ...	—	—	—	—	—	—	—	—	—	—	3	1	1	—	—	—	4	1	5
2. Tuberculosis, other ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Syphilitic disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	1
4. Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal infections ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. Acute poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
9. Other infective and parasitic diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Malignant neoplasm, stomach ...	—	—	—	—	—	—	—	—	—	—	2	1	1	1	—	—	3	2	5
11. Malignant neoplasm, lung, bronchus ...	—	—	—	—	—	—	—	—	—	—	8	—	3	—	2	—	13	—	13
12. Malignant neoplasm, breast ...	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	3	3
13. Malignant neoplasm, uterus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14. Other malignant and lymphatic neoplasms ...	—	—	1	1	—	—	1	1	1	2	6	9	3	—	1	2	13	15	28
15. Leukaemia, aleukaemia ...	—	—	—	1	—	—	—	—	—	—	—	—	1	—	—	2	1	3	4
16. Diabetes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17. Vascular lesions of nervous system ...	—	—	—	—	—	—	—	—	—	1	3	4	5	3	2	5	10	13	23
18. Coronary disease, angina ...	—	—	—	—	—	—	—	—	—	2	10	3	9	4	4	8	23	17	40
19. Hypertension with heart disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	3	1	1	1	4	5
20. Other heart disease ...	—	—	—	—	—	—	—	—	—	—	1	3	1	4	4	6	6	13	19
21. Other circulatory disease ...	—	—	—	—	—	—	—	1	—	1	1	—	2	1	2	2	5	5	10
22. Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	1	2
23. Pneumonia ...	1	—	—	—	—	—	—	—	—	—	2	2	5	1	6	4	14	7	21
24. Bronchitis ...	—	—	—	—	—	—	—	—	1	—	5	—	6	2	4	3	16	5	21
25. Other diseases of respiratory system ...	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1
26. Ulcer of stomach and duodenum ...	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	2	—	2
27. Gastritis, enteritis and diarrhoea ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
28. Nephritis and nephrosis ...	—	—	1	—	—	—	—	—	1	—	—	—	—	—	1	—	3	—	3
29. Hyperplasia of prostate ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	3	—	3
30. Pregnancy, childbirth, abortion ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital malformations ...	5	5	—	—	—	1	—	—	1	—	—	—	1	—	—	—	7	6	13
32. Other defined and ill-defined diseases ...	1	2	—	2	—	—	—	—	—	1	3	1	2	—	2	2	8	8	16
33. Motor vehicle accidents ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
34. All other accidents ...	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	2	1	3	4
35. Suicide ...	—	—	—	—	—	—	—	1	2	—	3	1	—	—	—	1	5	3	8
36. Homicide and operations of war ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	1	—	1
	7	7	2	4	—	1	1	3	6	7	50	28	42	21	33	39	141	110	251



### Death Rate of Infants under One Year of Age

	No.		Holborn London	England and Wales
All infants .. ..	14	Rate per 1,000 live births ..	65.12 28.2	22.0
Legitimate infants ..	13	Rate per 1,000 legitimate live births .. .. .	70.65 —	—
Illegitimate infants	1	Rate per 1,000 illegitimate live births .. .. .	32.25 —	—
Neo-natal deaths (first four weeks)	5	Rate per 1,000 live births ..	23.26 —	—

Rates for preceding 10 years:—

Year	All infants per 1,000 live births	Legitimate per 1,000 legitimate live births	Illegitimate per 1,000 illegitimate live births
1949 .. .. .	36.9	37.8	29.4
1950 .. .. .	23.3	20.0	34.8
1951 .. .. .	35.2	30.8	83.3
1952 .. .. .	34.1	26.9	90.9
1953 .. .. .	14.6	16.7	—
1954 .. .. .	31.8	34.6	—
1955 .. .. .	27.7	32.7	—
1956 .. .. .	49.1	47.4	60.6
1957 .. .. .	35.9	35.4	40.0
1958 .. .. .	27.5	31.1	—
1959 .. .. .	65.1	70.7	32.3

### Deaths from Puerperal Causes

(i.e., deaths classed by the Registrar-General to pregnancy or childbirth).

	Deaths	Rate per 1,000 Live and Still Births	
	Sepsis	Other Causes	Total
Puerperal Sepsis .. .. .	Nil	—	—
Other maternal causes .. ..	Nil	—	—
Comparable figures for preceding 10 years:—			
1949 .. .. .	Nil	—	—
1950 .. .. .	Nil	—	—
1951 .. .. .	Nil	—	—
1952 .. .. .	Nil	—	—
1953 .. .. .	2	3.57	7.14
1954 .. .. .	Nil	—	—
1955 .. .. .	Nil	—	—
1956 .. .. .	Nil	—	—
1957 .. .. .	Nil	—	—
1958 .. .. .	Nil	—	—
1959 .. .. .	Nil	—	—

TABLE No. 4

## Deaths of Infants under one year of age

## Causes of, and ages at, death

Classification according to the short list of causes of death adopted by the Registrar General in Form S.D.25

Cause of Death	AGE									
	Under 1 Day.	1 Day to 1 Week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total Under 4 Weeks	4 Weeks to 3 Months.	3-6 Months.	6-9 Months.	9-12 Months.
23. Pneumonia ... ..	—	—	—	—	—	—	1	—	—	—
31. Congenital malformations ...	—	—	—	—	—	—	—	—	—	—
Congenital heart disease ...	—	—	—	1	—	1	3	1	—	1
Arnold Chiari syndrome ...	—	—	—	—	—	—	1	1	—	1
External hydrocephalus ...	1	—	—	—	—	1	—	—	—	—
32. Other defined and ill-defined diseases	—	—	—	—	—	—	—	—	—	—
Prematurity ... ..	1	1	—	—	—	2	—	—	—	—
Left diaphragmatic hernia	—	—	—	1	—	1	—	—	—	—

Examination of the infant deaths of 1959 shows that three deaths occurred in the first week of life, one due to external hydrocephalus, and two to prematurity.

Of the five children dying between the age of one and three months, three had congenital heart disease.

In the case of eleven of the infants the home addresses were outside England and Wales.

TABLE No. 5

## Deaths of Infants under one year of age for preceding 10 years

Classification according to the short list of causes of death adopted by the Registrar General in Form S.D.25

Cause of Death	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
5. Whooping Cough ... ..	—	—	—	—	1	—	—	—	—	—	—
9. Other infective and parasitic diseases ... ..	—	—	—	—	—	—	—	—	—	—	—
20. Other heart disease ... ..	—	—	—	—	—	—	—	—	—	—	—
23. Pneumonia ... ..	3	2	—	—	—	—	—	—	—	1	1
24. Bronchitis ... ..	1	—	—	1	—	—	—	—	—	—	—
27. Gastritis, enteritis and diarrhoea	1	—	—	—	1	—	—	—	—	—	—
31. Congenital malformations ...	2	1	2	2	2	1	5	6	4	4	10
32. Other defined and ill-defined diseases ... ..	5	4	7	7	—	7	2	6	5	1	3
34. All other accidents ... ..	—	—	1	—	—	—	—	1	—	—	—
	12	7	10	10	4	8	7	13	9	6	14



## Deaths from Tuberculosis—All Ages

					Death Rate per 1,000 estimated population		
No. of Deaths							
Pulmonary	..	..	..	5	..	..	.23
Other forms	..	..	..	Nil	..	..	—

Comparable figures for preceding 10 years:—

					Rate per 1,000 estimated population		
No. of Deaths							
Year							
1949	..	..	..	15	.59		
1950	..	..	..	11	.42		
1951	..	..	..	17	.69		
1952	..	..	..	7	.29		
1953	..	..	..	11	.46		
1954	..	..	..	5	.21		
1955	..	..	..	8	.35		
1956	..	..	..	3	.13		
1957	..	..	..	4	.18		
1958	..	..	..	3	.14		
1959	..	..	..	5	.23		

A Table for the years 1950-1959 giving numbers of Holborn residents in whose cases the underlying cause of death was certified as pulmonary tuberculosis or malignant neoplasm of the lung or bronchus.

	Pulmonary Tuberculosis		Malignant Neoplasms of Lung or Bronchus		Totals	
	Male	Female	Male	Female	Pulmonary Tuberculosis	Malignant Neoplasms of Lung or Bronchus
1950	7	3	10	2	10	12
1951	12	4	9	3	16	16
1952	5	1	14	2	6	16
1953	7	2	5	5	9	10
1954	4	1	9	5	5	14
1955	7	1	9	4	8	13
1956	1	1	19	1	2	20
1957	4	—	10	7	4	17
1958	3	—	10	2	3	12
1959	4	1	13	—	5	13

This Table is included to compare by sexes the numbers of deaths from pulmonary tuberculosis with those from malignant neoplasm of the lung or bronchus. The numbers of both males or females who have died of pulmonary tuberculosis have declined during these last ten years. The numbers of deaths from malignant neoplasm of the lung or bronchus are of interest in view of trends shewn by national figures. The Table shows the higher incidence in men for both diseases, and that over the last eight years these neoplasms have produced a wastage of life greater than that of pulmonary tuberculosis.

## SECTION 3.

### Infectious Diseases.

The undermentioned conditions are compulsorily notifiable in Holborn:—

Diseases	Authority for Notification
Anthrax .. .. .	L.C.C. Order dated 23.3.1909 and Public Health (London) Act, 1936—Section 305.
Cholera .. .. .	Public Health (London) Act, 1936—Sections 192 and 304.
Continued Fever .. .. .	Do.
Diphtheria .. .. .	Do.
Dysentery .. .. .	Public Health (Infectious Diseases) Regulations, 1953.
Encephalitis, Acute .. .. .	Public Health (Acute Poliomyelitis, Acute Encephalitis and Meningococcal Infection) Regulations, 1949.
Enteric Fever (including Paratyphoid)	Public Health (London) Act, 1936—Sections 192 and 304.
Erysipelas .. .. .	Do.
Food Poisoning .. .. .	Food and Drugs Act, 1955—Section 26.
Glanders .. .. .	L.C.C. Order dated 23.3.1909 and Public Health (London) Act, 1936—Section 305.
Hydrophobia .. .. .	Do.
Leprosy† .. .. .	Public Health (Leprosy) Regulations, 1951.
Malaria .. .. .	Public Health (Infectious Diseases) Regulations, 1953.
Measles .. .. .	County of London (Measles and Whooping Cough) Regulations, 1938 to 1948.
Membranous Croup .. .. .	Public Health (London) Act, 1936—Sections 192 and 304.
Meningococcal Infection .. .. .	L.C.C. Order dated 27.2.1912 and Public Health (Acute Poliomyelitis, Acute Encephalitis and Meningococcal Infection) Regulations, 1939.
Ophthalmia Neonatorum* .. .. .	L.C.C. Order dated 2.11.1910 and Public Health (Ophthalmia Neonatorum) Regulations, 1926 to 1937.
Plague .. .. .	Local Government Board Order, 1900.
Pneumonia (Primary and Influenzal)	Public Health (Infectious Diseases) Regulations, 1953.
Poliomyelitis, Acute .. .. .	L.C.C. Order dated 27.2.1912 and Public Health (Acute Poliomyelitis, Acute Encephalitis and Meningococcal Infection) Regulations, 1949.
Puerperal Pyrexia .. .. .	Puerperal Pyrexia Regulations, 1951.

\*Notifiable to the County Medical Officer of Health for London.

†Notifiable to the Chief Medical Officer, Ministry of Health.



Diseases	Authority for Notification
Relapsing Fever .. ..	Public Health (London) Act, 1936—Sections 192 and 304.
Scabies .. ..	County of London (Scabies) Regulations, 1943.
Scarlet Fever .. ..	Public Health (London) Act, 1936—Sections 192 and 304.
Smallpox .. ..	Do.
Tuberculosis .. ....	Public Health (Tuberculosis) Regulations, 1952.
Typhoid Fever (Including Paratyphoid)	Public Health (London) Act, 1936—Sections 192 and 304.
Typhus Fever .. ..	Do.
Whooping Cough .. ..	County of London (Measles and Whooping Cough) Regulations, 1938 to 1948.

For each of the above a fee of 2/6d. is payable by the Local Authority to the medical practitioner if the case occurs in his private practice, or 1/- if the case occurs in his practice as medical officer of a public body or institution.

### Notifications

During the year 245 cases of infectious disease were notified, of which 72 were removed to hospital. These are tabulated in the age groups (see Table No. 6, page 22). Comparative figures of infectious disease for the years 1930-1959 are also shown (see Table No. 7, pages 24 and 25).

### Diphtheria

Two cases, both of a 'mitis' strain, were notified and removed to hospital. In one case the patient was the only member of a family of four children not to have been immunised.

### Dysentery

Twenty-eight cases were notified and nine were removed to hospital. Eighteen cases were the result of an outbreak of *Shigella sonnei* infection in the Kingsway Creche. Numerous swabs were taken and examined by the Public Health Laboratory, County Hall, the positive cases being excluded from the Creche under care of their own doctors until three consecutive negative specimens had been produced.

### Enteric Fever

No cases were notified during the year.

### Erysipelas

Two cases were notified and were treated at home.

### Food Poisoning

Nineteen cases were notified and seventeen of them were removed to hospital. In ten of these cases the patient was not resident in Holborn.

Information was received from various local authorities of sixteen other cases alleged to have been due to the consumption of a meal in a restaurant in Holborn. The restaurant was inspected and the staff interviewed. The kitchen equipment was excellent. One waitress admitted that she had suffered from diarrhoea and vomiting on the day in question. Faecal specimens from the staff were submitted for examination at the Royal Institute of Public Health and Hygiene. All specimens produced a negative result except that from the person who had been ill, which gave a growth of *Salmonella Typhimurium*.

This employee was advised to visit her doctor who was informed of the facts of the case. She and the restaurant proprietor were advised that she should not return to work until three consecutive negative specimens had been received.



Although it was not possible to find out where the lady herself became infected it is reasonably certain that she caused the illness of sixteen people.

This case illustrates that while clean kitchens are important, the safety of food depends on the conduct of food handlers and their knowledge of the rules of hygiene.

#### **Malaria**

No cases were notified during the year.

#### **Measles**

One hundred and thirty-nine cases were notified and nine were removed to hospital.

#### **Meningococcal Infection**

Four cases were notified during the year and were removed to hospital.

#### **Ophthalmia Neonatorum**

One case was notified during the year, and was removed to hospital.

#### **Pneumonia (Acute Primary and Acute Influenzal)**

Three cases of acute primary pneumonia were notified, and were removed to hospital. There were also three notifications of acute influenzal pneumonia, two of which were removed to hospital.

#### **Poliomyelitis**

Two cases were notified, both of which were removed to hospital. One of these cases was not a Holborn resident.

#### **Puerperal Pyrexia**

No cases were notified during the year.

#### **Scabies**

Two cases were notified, and were treated at home.

#### **Scarlet Fever**

Seven cases were notified, and four of them were removed to hospital.

#### **Smallpox**

No case of smallpox occurred in the Borough during the year.

#### **Tuberculosis**

See page 51.

#### **Whooping Cough**

Four cases were notified, three of which were removed to hospital.

#### **Other Diseases coming to the notice of the Department**

<b>Disease</b>	<b>No. of Cases</b>	<b>No. removed to Hospital</b>
Abortion, septic .. .. .	4	4
Chicken pox .. .. .	48	10
Diarrhoea and vomiting .. .. .	4	—
German measles .. .. .	5	1
Glandular fever .. .. .	1	1
Hepatitis .. .. .	1	1
Impetigo .. .. .	2	—
Influenza .. .. .	7	2
Mumps .. .. .	21	10
Respiratory infection .. .. .	10	6
Ringworm .. .. .	10	—
Tonsillitis .. .. .	3	3



TABLE No. 6

## Summary of Infectious Disease Notifications 1959. (Corrected)

## Age Groups

Disease	Under 1		1—2		2—3		3—4		4—5		5—10		10—15		15—25		25—45		45—65		65& over		Totals		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	—	—	—	—	—	—	—	2	2	2
Dysentery ...	1	1	8	3	4	2	1	1	3	—	3	1	—	—	—	—	—	—	—	—	—	—	20	8	28
Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Enteric Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Erysipelas ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	1	2
Food Poisoning ...	5	2	—	1	2	—	1	1	—	—	—	—	1	—	—	1	1	2	1	1	—	—	11	8	19
Malaria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Measles ...	1	4	10	10	9	8	13	9	7	13	21	29	2	2	—	1	—	—	—	—	—	—	63	76	139
Meningococcal Infection ...	1	1	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	3	1	4
Ophthalmia Neonatorum	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Pneumonia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	1	1	2	—	2	4	6
Poliomyelitis	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	2	2
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scabies ...	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	1	1	2
Scarlet Fever	—	—	—	—	—	2	2	—	—	1	—	2	—	—	—	—	—	—	—	—	—	—	2	5	7
Tuberculosis (Pulmonary)	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	3	3	2	11	3	2	1	17	10	27
Tuberculosis (Non-Pulmonary)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Whooping Cough ...	—	—	1	1	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	4
Totals ...	9	9	19	16	15	12	17	12	12	14	25	33	3	5	1	5	6	6	13	5	3	3	123	120	243

### Bacteriological Examinations

The Borough Council provides bacteriological confirmation of diagnosis free of charge in connection with certain diseases. This work is carried out by the Royal Institute of Public Health and Hygiene, 23 Queen Square, W.C.1, and by the Public Health Laboratory Service at County Hall. During the year 515 specimens were submitted for examination with the following results:—

Disease	Positive	Negative	Total
Diphtheria ... .. (Nasal and throat swabs)	3	48	51
Dysentery (Faeces) ... ..	7	169	176
(Faecal swabs) ... ..	32	173	205
Food Poisoning (Faeces) ... ..	1	3	4
(Faecal swabs) ... ..	5	34	39
(Other specimens) ... ..	—	10	10
Streptococcus haemolyticus ... ..	4	6	10
Vincent's organisms ... ..	2	13	15
Other pathogenic organisms ... ..	3	2	5

### Infectious Disease Contacts

Where a person is precluded from continuing at work by reason of being a carrier or having been in contact with infectious disease, benefits under the National Insurance Act, 1946, are paid only on production of a certificate from the Medical Officer of Health. It was not found necessary to issue any such certificate during the year.

### International Certificates of Vaccination against Cholera and Smallpox

The International Sanitary Regulations adopted by the Fourth World Health Assembly on 25th May, 1951, prescribe *inter alia* that International Certificates, to be valid, must bear an approved stamp which certifies that the signature of the vaccinator is that of a doctor.

During the year 526 certificates of persons travelling abroad were authenticated by the Department. Of these 390 were in respect of smallpox, 82 for cholera, 44 for typhoid, and 10 for yellow fever.

### Diphtheria Immunisation

During the year 291 Holborn children completed the primary course of immunisation against diphtheria, and 273 received boosting doses,



TABLE No. 7

## Comparative Figures of Infectious Disease for the last 30 years

Disease	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959
(Population) ...	38,380	34,470	36,440	36,050	36,000	35,400	34,850	34,600	34,350	30,660	23,470	17,160	16,580	17,240	18,020	18,680	21,190	23,460	24,960	25,490	25,930	24,540	23,950	23,710	23,340	23,060	22,640	22,230	21,870	21,370
Diphtheria (including Membranous Croup)	80	69	76	75	74	93	60	76	49	19	7	14	17	17	5	11	12	3	2	1	2	—	—	—	—	—	—	—	1	2
Dysentery ...	—	2	1	—	2	6	6	10	10	—	—	—	—	2	13	2	6	—	4	—	2	34	9	8	34	4	7	16	30	28
Encephalitis Lethargica ...	1	—	1	1	1	1	—	—	—	2	—	—	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	—
Enteric Fever ...	4	4	4	1	3	2	2	—	—	1	1	3	1	6	1	—	1	1	1	—	1	—	2	1	2	—	—	4	—	—
Erysipelas ...	29	17	17	19	12	18	19	10	15	13	12	3	7	3	8	3	4	8	6	5	3	1	2	1	1	1	—	—	1	2
Food Poisoning Notifiable as from 12th July, 1932	—	—	11	5	—	—	3	5	2	—	—	—	—	—	—	1	—	1	2	3	1	2	1	4	2	12	1	2	11	19
Malaria ...	—	—	1	1	1	3	2	3	—	1	—	—	—	1	—	—	—	—	—	—	1	1	—	1	1	—	—	—	1	—
Measles Notifiable as from 9th September, 1938	—	—	—	—	—	—	—	—	—	8	39	34	58	219	33	103	107	157	87	170	137	254	133	195	37	172	71	99	56	139
Meningococcal Infection ...	—	4	1	3	1	1	2	1	1	3	7	7	1	1	—	1	2	2	—	—	—	—	—	2	1	2	2	1	—	4
Ophthalmia Neonatorum ...	5	7	4	6	6	4	3	3	5	4	4	1	5	4	4	1	4	3	3	3	2	—	2	3	—	1	—	—	—	1
Pneumonia (Acute primary & Acute-influenzal)	49	40	28	37	38	21	30	34	21	28	14	18	20	22	14	6	17	15	9	9	5	8	4	4	4	—	3	4	2	6
Polio-encephalitis Acute ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
Poliomyelitis Acute ...	1	1	2	—	—	—	—	—	—	—	—	—	—	—	—	1	—	5	1	2	2	—	6	17	3	12	6	11	4	2
*Puerperal Fever ...	3	2	1	3	3	4	2	4	—	—	—	1	2	2	2	2	—	1	1	*	*	*	*	*	*	*	*	*	*	*
Puerperal Pyrexia ...	6	4	6	5	2	4	3	2	2	3	3	2	7	3	1	4	5	5	2	4	2	3	1	—	—	—	—	—	—	—
Scabies Notifiable as from 1st August, 1943	—	—	—	—	—	—	—	—	—	—	—	—	—	54	99	125	106	43	16	4	3	4	3	6	1	5	5	1	3	2
Scarlet Fever ...	90	57	57	96	115	50	67	38	59	56	20	16	23	30	20	14	24	29	13	15	16	21	18	10	5	4	4	8	9	7
Smallpox ...	14	3	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis Pulmonary ...	76	80	73	50	83	68	77	66	71	64	44	47	45	51	41	59	55	47	39	42	39	45	46	48	32	40	33	32	25	27
Tuberculosis, Non-Pulmonary ...	10	8	16	9	6	5	13	10	8	5	3	6	8	3	9	9	5	4	8	6	5	—	2	3	4	4	3	—	2	—
Whooping Cough ...	33	44	103	23	65	99	76	60	53	71	7	42	48	38	30	11	43	23	74	5	90	33	32	62	6	1	22	6	3	4
	401	342	408	335	412	379	365	322	296	278	161	194	242	456	280	364	392	348	268	269	311	406	261	366	133	258	157	184	148	243

\*Ceased to be notifiable as from 30th July, 1948.

## SECTION 4.

### Sanitary Circumstances.

Visits made by the Public Health Inspectors during 1959.

Public Health (London) Act, 1936								Number of Inspections
Dwelling Houses	..	..	..	..	..	..	..	269
Houses Let in Lodgings	..	..	..	..	..	..	..	44
Common Lodging Houses	..	..	..	..	..	..	..	2
Offices	..	..	..	..	..	..	..	19
Rag and Bone Shops	..	..	..	..	..	..	..	21
Drainage Work and Testing	..	..	..	..	..	..	..	3,688
Noise Nuisance Visits	..	..	..	..	..	..	..	30
Other Inspections	..	..	..	..	..	..	..	672
Re-inspections of above	..	..	..	..	..	..	..	730
Housing Acts, 1957 and 1959								Number of Inspections
Houses	..	..	..	..	..	..	..	26
Underground Rooms	..	..	..	..	..	..	..	23
Overcrowding Visits	..	..	..	..	..	..	..	15
Re-inspections of above	..	..	..	..	..	..	..	11
Factories Acts, 1937—1959								Number of Inspections
Power Factories	..	..	..	..	..	..	..	132
Re-inspections of above	..	..	..	..	..	..	..	37
Non-Power Factories	..	..	..	..	..	..	..	19
Re-inspections of above	..	..	..	..	..	..	..	1
Outworkers' Rooms	..	..	..	..	..	..	..	11
Electrical Stations and Sites of Building Operations	..	..	..	..	..	..	..	141
Outworkers' Registers	..	..	..	..	..	..	..	3
Food and Drugs Act, 1955								Number of Inspections
Dairies and Milk Shops	..	..	..	..	..	..	..	34
Ice Cream manufacture	..	..	..	..	..	..	..	3
Ice Cream sale and storage	..	..	..	..	..	..	..	43
Restaurants and Kitchens	..	..	..	..	..	..	..	797
Bakehouses	..	..	..	..	..	..	..	9
Butchers' Shops	..	..	..	..	..	..	..	15
Fish Shops	..	..	..	..	..	..	..	5
Fried Fish Shops	..	..	..	..	..	..	..	5
Other Food Shops	..	..	..	..	..	..	..	257
Market Streets	..	..	..	..	..	..	..	66
Licensed Premises	..	..	..	..	..	..	..	86
Sampling	..	..	..	..	..	..	..	368
Unsound Food	..	..	..	..	..	..	..	156
Re-inspections of above	..	..	..	..	..	..	..	205



## Number of Inspections

## Clean Air Act, 1956

Smoke Observations	..	..	..	..	..	..	386
Inspections	..	..	..	..	..	..	146
Re-inspections of above	..	..	..	..	..	..	15
Visits	..	..	..	..	..	..	674
Smoke Control Area Visits	..	..	..	..	..	..	1,265
"    "    "    Inspections	..	..	..	..	..	..	1,509
"    "    "    Re-inspections	..	..	..	..	..	..	62
"    "    "    — No Entry	..	..	..	..	..	..	913

## Miscellaneous Inspections

Merchandise Marks Acts	..	..	..	..	..	..	9
Pharmacy and Poisons Acts	..	..	..	..	..	..	2
Prevention of Damage by Pests Act, 1949	..	..	..	..	..	..	184
Shops Act, 1950	..	..	..	..	..	..	34
Hairdressers and Barbers	..	..	..	..	..	..	51
Other Inspections	..	..	..	..	..	..	192
Re-inspections of above	..	..	..	..	..	..	41

## Visits, etc., re

Infectious Disease	..	..	..	..	..	..	157
Aged and Infirm Persons	..	..	..	..	..	..	56
Verminous Persons	..	..	..	..	..	..	1
No Entry	..	..	..	..	..	..	408
Other Visits	..	..	..	..	..	..	122

Total .. .. 14,170

## Notices Served

## Public Health (London) Act, 1936

Intimation Notices	..	45					
Dwelling Houses	..	..	..	..	..	..	24
Houses Let in Lodgings	..	..	..	..	..	..	16
Power Factories	..	..	..	..	..	..	1
Others	..	..	..	..	..	..	4
Statutory Notices	..	2					
Houses Let in Lodgings	..	..	..	..	..	..	2

## Food and Drugs Act, 1955

Restaurants	..	..	..	..	..	..	1
Licensed Premises	..	..	..	..	..	..	1
Bakehouse	..	..	..	..	..	..	1
Fried Fish Restaurant	..	..	..	..	..	..	1

## Housing Act, 1957

.. Nil

## Factories Act, 1957

.. Nil

## Clean Air Act, 1956

.. 3

Adaptation of Fireplaces	..	..	..	..	..	..	3
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**Public Health (London) Act, 1936**

Summary of work carried out in respect of nuisances found to exist in dwelling houses, houses let in lodgings, shops, factories, food premises, and on bombed sites:

**Water Supply**

Burst water service pipes repaired .. .. .	2
--	---

**Waterclosets**

Compartments cleansed and/or repaired .. .. .	11
Water supplied, flushing cistern repaired .. .. .	5
New W.C. pan provided .. .. .	1
Ventilation improved or provided .. .. .	1

**Drainage**

Soil pipes, repaired, renewed or ventilated .. .. .	3
Rainwater pipes, repaired or renewed .. .. .	2
Drains unstopped or cleansed .. .. .	7
Drains repaired or relaid .. .. .	1

**Sinks**

Defective sinks renewed .. .. .	1
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**Yards, Areas and Washhouses**

Drained or drains unstopped .. .. .	—
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**Houses and Workshops, etc.**

Rooms cleansed or repaired .. .. .	10
Passages and staircases cleansed or repaired .. .. .	3
Ventilation improved .. .. .	10

**Dampness**

Roofs repaired .. .. .	8
Gutters repaired .. .. .	3
Other works to prevent dampness .. .. .	14

**Ashbins**

Provided, repaired, etc. .. .. .	—
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**Various**

Accumulations of refuse removed .. .. .	3
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### Complaints

During the year 607 complaints were received in respect of the following nuisances:—

Artificial lighting, absence of, on common staircase ..	1
Aged and infirm persons .. .. .	10
Animals improperly kept .. .. .	5
Dampness .. .. .	20
Dilapidations and disrepair .. .. .	29
Drains, choked or defective .. .. .	12
Dust .. .. .	8
Dustbin accommodation inadequate or unsuitable ..	4
Food premises, unsatisfactory conditions in .. ..	13
Noise .. .. .	18
Overcrowding .. .. .	4
Obnoxious smells .. .. .	48
Refuse, accumulations of .. .. .	29
Rodent infestation .. .. .	204
Roofs, defective .. .. .	9
Smoke .. .. .	38
Unsound food .. .. .	23
Vermin .. .. .	68
Ventilation inadequate .. .. .	4
Water supply, burst pipes .. .. .	1
W.C. accommodation inadequate, dirty or defective ..	32
Miscellaneous .. .. .	21
Water supply, inadequate .. .. .	4
Water supply, impure .. .. .	2

### Water

1. Water for drinking and commercial purposes in this area is supplied by the Metropolitan Water Board and has been satisfactory both in quantity and quality.
2. There is a piped supply, and bacteriological examinations of the raw water are made by the Metropolitan Water Board, who also perform chemical analysis.
3. The water is not known to have any plumbo-solvent action.
4. No action has been necessary in respect of contamination.
5. All dwelling houses have a piped supply, and standpipes are normally used only in cases of emergency, such as repair of mains.

Two complaints of impure water supply were received. Upon investigation it was found that, in one case, sand had entered the supply pipes, probably due to disturbance on opening the mains after having been shut down the previous day. In the second case a mains supply was substituted for an improperly covered storage tank.

### Drainage

During the year 3,688 inspections were made by the Public Health Inspectors in connection with drainage work; 125 applications for approval of proposed drainage work were submitted together with the necessary plans, and 121 Combined Drainage Orders were made. In 2 cases, consent was given to the carrying out of work on the single stack system of drainage.

### L.C.C. (General Powers) Act, 1953—Part II

#### Discharge of trade effluent into sewers.

Empowers the London County Council and Borough Councils to control the volume and content of new or modified effluents proposed to be discharged from trade premises into sewers.



During 1959, 2 notifications were received concerning the proposed discharge of trade effluents. In both cases notices of proposed conditions were issued by this Council and no counter proposals were received.

### Clean Air Act, 1956

During the year 38 complaints were received regarding smoke emissions and 386 observations were made. In most cases, it was found that the nuisance was caused by unsatisfactory stoking, and conditions were remedied following advice being given by the District Public Health Inspectors.

The routine of making special observations from the roofs of four tall buildings was continued, and as in previous years these observations were helpful in checking the behaviour of boiler plant, especially in connection with plant installed in the many new buildings which have been erected. Most of the new installations however, are oil fired and consequently little trouble from smoke is experienced.

### Measurement of Deposited Matter and Sulphur Dioxide

These forms of pollution are recorded each month by means of apparatus installed on the roof of the British Museum. The apparatus consists of a deposit gauge for collecting rainwater and deposited matter, and a lead peroxide instrument for recording the amount of sulphur dioxide in the atmosphere.

The recordings obtained during 1959 were as follows:—

Month	Rainfall		Monthly deposit—Tons per sq. mile			Mg. of SO <sub>3</sub> /day collected by 100 sq. cm. of Batch A Pb 02
	inches	pH value	Insoluble matter	Soluble matter	Total solids	
January ...	2.08	4.8	13.92	22.23	36.15	9.14
February ...	0.05	4.8	12.08	9.46	21.54	7.04
March ...	1.68	5.2	15.10	14.12	29.22	5.05
April ...	1.91	6.0	9.43	11.74	21.17	4.34
May ...	0.89	6.0	9.26	8.35	17.61	2.53
June ...	1.27	6.8	9.39	7.82	17.21	2.43
July ...	1.35	6.9	6.88	6.98	13.86	2.21
August ...	1.82	6.2	7.75	7.68	15.43	2.31
September...	0.06	6.3	7.65	3.62	11.27	2.67
October ...	1.72	5.9	12.14	13.35	25.49	5.74
November...	2.38	6.0	9.32	16.94	26.26	5.28
December ...	2.70	5.5	8.45	19.22	27.67	3.55
Total ...	17.85	—	121.37	141.51	262.88	52.29
Monthly Average ...	1.49	5.3	10.11	11.79	21.91	4.36



The solid matter expressed in tons falling over the area of Holborn month by month was as follows:—

Month	Insoluble matter	Soluble matter	Total solids
January ... ..	8.81	14.07	22.88
February ... ..	7.64	5.99	13.63
March ... ..	9.56	8.93	18.49
April ... ..	5.97	7.43	13.40
May ... ..	5.86	5.28	11.14
June ... ..	5.94	4.95	10.89
July ... ..	4.35	4.42	8.77
August ... ..	4.91	4.86	9.77
September ... ..	4.84	2.29	7.13
October ... ..	7.68	8.45	16.13
November ... ..	5.90	10.72	16.62
December ... ..	5.35	12.16	17.51

#### Daily Measurement of Suspended Matter

The Council has apparatus for making daily estimations of smoke installed at the London School of Hygiene and Tropical Medicine, Keppel Street, and at the Royal Institute of Public Health and Hygiene, Queen Square. The apparatus consists mainly of an air pump which draws a known volume of air from outside and passes it through a white filter paper. The amount of smoke collected is estimated by comparing the stain on the paper with a calibrated scale of shades. The following recordings were obtained during 1959:—

Concentration of smoke—milligrammes per cubic metre.

Month	London School of Hygiene and Tropical Medicine			Royal Institute of Public Health and Hygiene		
	Average Value	Highest Value	Lowest Value	Average Value	Highest Value	Lowest Value
January ... ..	0.48	2.03	0.14	0.40	1.26	0.09
February ... ..	0.38	1.69	0.15	0.46	1.77	0.24
March ... ..	0.29	0.50	0.15	0.22	0.36	0.09
April ... ..	0.22	0.52	0.08	0.24	0.54	0.04
May ... ..	0.14	0.35	0.08	0.09	0.56	0.01
June ... ..	0.12	0.25	0.06	0.07	0.17	0.01
July ... ..	0.12	0.20	0.08	0.09	0.15	0.07
August ... ..	0.12	0.17	0.08	0.12	0.20	0.06
September ... ..	0.12	0.27	0.08	0.48	0.98	0.20
October ... ..	0.29	0.51	0.11	0.23	0.35	0.08
November ... ..	0.50	1.70	0.14	0.33	1.09	0.08
December ... ..	0.29	0.69	0.15	0.27	0.57	0.14



### **Installation of New Furnaces**

In nine cases notice was received under subsection (3) of section 3 of the Clean Air Act, 1956 of a proposal to install a furnace in the Borough, and in four cases plans and specifications of a furnace were submitted to and approved by the Council as being deemed to comply with the provisions of subsection (1) of that section which requires that a new furnace shall be as far as practicable capable of being operated continuously without emitting smoke when burning fuel of a type for which the furnace was designed.

### **Smoke Control Areas**

#### **Holborn Smoke Control Area No. 1**

This area is that portion of the Borough enclosed by the boundaries of the City of London and City of Westminster, and a line drawn westwards from the City of London boundary at Staple Inn, Holborn, along High Holborn to Kingsway, southward along Kingsway to Great Queen Street and along the southern side of Great Queen Street to the boundary with the City of Westminster. The Council made the Order in July, 1958; it was confirmed by the Minister of Housing and Local Government in October, 1958, and came into operation on 1st September, 1959.

Three applications for grant were approved in connection with the adaptation of fireplaces in private dwellings within the area. The total cost of the work for which grants were approved amounted to £43 11s. 0d. of which £13 1s. 4d. was borne by the Council, £17 8s. 4d. by the Exchequer, and £13 1s. 4d. by the applicants.

#### **Holborn Smoke Control Area No. 2**

This area is the portion of the Borough enclosed by High Holborn, Gray's Inn Road, Theobalds Road, and Southampton Row, together with all land in the Borough south of a line between Gray's Inn Road and Farringdon Road running along Fox Court and Greville Street. The Council made the Order in November, 1959; it was confirmed by the Minister of Housing and Local Government in February, 1960; and it will come into operation on the 1st October, 1960.

#### **Holborn Smoke Control Area No. 3**

In October, 1959, the Council approved in principle a proposal to establish a smoke control area in that portion of the Borough enclosed by the following streets:—Kingsway, Southampton Row, Woburn Place, Tavistock Square, Byng Place, Torrington Place, Endell Street, Shelton Street, Drury Lane, and Great Queen Street. In January, 1960, provisional approval of the Council's proposal in connection with this area was received from the Minister of Housing and Local Government.

### **Pharmacy and Poisons Act, 1933**

This Act, the Poisons Rules, 1960, and the Poisons List Order, 1952/60, regulate the sale of poisons, and every local authority is required to keep a list of persons who are entitled to sell poisons included in Part II of the Poisons List.

During the year 1959, 34 applications were received for retention on this Council's list. No applications were received for entry on the list.

### **Rag Flock and Other Filling Materials Act, 1951**

This Act and the Regulations of 1951, require the registration of premises where specified filling materials are used in connection with certain upholstering and filling processes, and require premises used for the manufacture or storage of rag flock to be licensed.

Four premises in the Borough are registered under the Act, but no premises are licensed for the manufacture or storage of rag flock.



### Housing Acts 1957 and 1959

The following is a summary of action under the above Acts during the year 1959.

#### Slum Clearance

Houses included in clearance areas	..	..	..	..	..	..	..	Nil
Houses included in clearance areas and demolished	..	..	..	..	..	..	..	Nil
Houses repaired as a result of action under Secs. 9 and 10	..	..	..	..	..	..	..	Nil
Houses made the subject of demolition orders	..	..	..	..	..	..	..	Nil
Houses demolished as a result of demolition orders	..	..	..	..	..	..	..	Nil
Houses made the subject of closing orders	..	..	..	..	..	..	..	Nil
Parts of buildings made the subject of closing orders	..	..	..	..	..	..	..	Nil
Parts of buildings closed by undertaking	..	..	..	..	..	..	..	Nil
Underground rooms made the subject of closing orders	..	..	..	..	..	..	..	8
Underground rooms closed by undertaking	..	..	..	..	..	..	..	Nil
Closing orders determined	..	..	..	..	..	..	..	Nil
No. of flats erected by the Council during the year	..	..	..	..	..	..	..	5

**Note:** The number of underground rooms which do not comply with the relevant Regulations, but which are occupied for human habitation, is 448.

#### Houses Let in Lodgings

Number in Borough	..	..	..	..	..	..	..	266
Inspections made	..	..	..	..	..	..	..	44

#### Overcrowding

On the 1st January, 1959, 130 families were known to be living in overcrowded conditions. During the year a further 5 families were found to be living in overcrowded conditions. In 5 cases, overcrowding was abated during the year as follows:—

Families rehoused by the Holborn Borough Council	..	..	..	..	..	..	..	1
Families rehoused by the London County Council	..	..	..	..	..	..	..	2
Accommodation found by other means	..	..	..	..	..	..	..	2

During the year 15 visits were made by the Public Health Inspectors in connection with conditions of overcrowding.

In cases where overcrowding is abated, a warning letter is sent to the owner of the premises drawing attention to the relevant provisions of the Housing Acts.

#### Rent Act, 1957

The following particulars were supplied to the Minister of Housing and Local Government in accordance with Circular No. 32/57 dated 6th June, 1957:—

#### Applications for Certificates of Disrepair

(1) Number of applications for certificates	..	..	..	..	..	..	..	2
(2) Number of decisions not to issue certificates	..	..	..	..	..	..	..	Nil
(3) Number of decisions to issue certificates	..	..	..	..	..	..	..	3
(a) in respect of some but not all defects	..	..	..	..	..	..	..	3
(b) in respect of all defects	..	..	..	..	..	..	..	Nil
(4) Number of undertakings given by landlords under paragraph 5 of the First Schedule	..	..	..	..	..	..	..	2
(5) Number of undertakings refused by Local Authority under proviso to paragraph 5 of the First Schedule	..	..	..	..	..	..	..	Nil
(6) Number of certificates issued	..	..	..	..	..	..	..	1

#### Applications for Cancellation of Certificates

(7) Applications by landlords to Local Authority for cancellation of certificates	..	..	..	..	..	..	..	6
(8) Objections by tenants to cancellation of certificates	..	..	..	..	..	..	..	1
(9) Decisions by Local Authority to cancel in spite of tenant's objection	..	..	..	..	..	..	..	Nil
(10) Certificates cancelled by Local Authority	..	..	..	..	..	..	..	4



**Rodent Control**  
**Prevention of Damage by Pests Act, 1949**

This Act lays a duty upon a local authority to see that their district is kept free from rats and mice. It empowers them to carry out inspections and to require owners and occupiers to keep their land and premises free from infestation. Occupiers are required to give notification in writing of infestation by rats or mice to the local authority.

**Report for 9 months ended 31st December, 1959**

In accordance with Ministry of Agriculture, Fisheries and Food Circular PDP/1959/1 dated 9th March, 1959, rodent control grants, payable under Section 11 of the Prevention of Damage by Pests Act, 1949, ceased to be made on expenditure incurred by the Council after 31st March, 1959. As requested in the Circular, the following report covers the period from 1st April to 31st December, 1959.

	Type of Property				
	Local Authority	Dwelling Houses	Agricultural	All other (including Business and Industrial)	Total
I. Total number of properties in Local Authority's District ...	13	6,033	—	7,362	13,408
II. Number of properties inspected as a result (a) of notification (b) survey, or (c) otherwise ...	(a) 2 (b) — (c) 1	79 199 7	— — —	84 588 12	165 787 20
III. Total inspections carried out including re-inspections ...	23	816	—	1,183	2,022
IV. Number of properties (under II) found to be infested by:—					
(a) Rats { Major* ...	—	1	—	—	1
{ Minor† ...	—	18	—	16	34
(b) Mice { Major* ...	—	2	—	10	12
{ Minor† ...	2	41	—	37	80
V. Number of infested properties (under IV) treated by the Local Authority ...	2	62	—	59	123
VI. Number of notices served under Section 4—					
(1) Treatment ...	—	—	—	—	—
(2) Structural works (i.e. Proofing) ...	—	—	—	—	—
VII. Number of cases in which default action was taken by Local Authority following issue of notice under Section 4 ...	—	—	—	—	—
VIII. Legal Proceedings ...	—	—	—	—	—
IX. Number of "block" control schemes carried out ...	30 "blocks" surveyed.				

\* "Major" includes properties with an estimated population exceeding 20 rats or mice.

† "Minor" includes properties with an estimated population not exceeding 20 rats or mice.

During 1959, 204 complaints of rat or mice infestation were received and investigated.



The following table shows the work carried out during the year arising from the complaints received, and in connection with 47 blocks which were surveyed.

	Complaint	Block Survey	Total
Business premises inspected ... ..	158	1,020	1,178
Dwelling houses inspected ... ..	104	274	378
Local authority premises inspected ... ..	4	1	5
Business premises treated ... ..	73	6	79
Dwelling houses treated ... ..	70	3	73
Local authority premises treated ... ..	3	—	3
Business premises, inspection visits ... ..	192	1,057	1,249
Business premises, treatment visits ... ..	517	42	559
Dwelling houses, inspection visits ... ..	165	272	437
Dwelling houses, treatment visits ... ..	536	25	561
Local authority, inspection visits ... ..	9	1	10
Local authority, treatment visits ... ..	21	—	21
Total visits ... ..	1,440	1,397	2,837
Estimated kill ( <i>rattus norvegicus</i> ) ... ..	188	—	188
Bodies recovered ( <i>rattus norvegicus</i> ) ... ..	84	—	84
Estimated kill ( <i>rattus rattus</i> ) ... ..	2	—	2
Bodies recovered ( <i>rattus rattus</i> ) ... ..	1	—	1
Estimated kill (mice) ... ..	965	81	1,046
Bodies recovered (mice) ... ..	247	30	277

### Baiting of Sewers

Two treatments were carried out during the year, the results of which are shewn below. In treatment No. 1 sausage rusk plus 2½% zinc phosphide was used, and in treatment No. 2 sausage rusk plus 10% arsenious oxide.

Treatment		No. of Manholes			No. of bodies found
No.	Date	Baited	Showing pre-bait take	Total poison take	
1	April, 1959 ...	232	197	186	196
2	October, 1959 ...	227	188	157	184

### Disinfecting Station

The arrangement whereby Holborn undertakes to carry out all disinfecting, disinfection and cleansing work for the City of Westminster continued during the year.

The figures below relate to work done for Holborn only.

### Disinfection

Number of rooms disinfected after tuberculosis .. ..	15
Number of rooms disinfected after other infectious diseases .. ..	98
Total number of rooms disinfected after infectious disease .. ..	113
Number of articles of bedding and clothing disinfected after tuberculosis .. ..	615
Number of articles of bedding and clothing disinfected after other infectious diseases .. ..	2,592
Total number of articles disinfected after infectious disease .. ..	3,207
Number of books disinfected after infectious disease .. ..	100



**Disinfestation**

Number of rooms disinfested of vermin .. .. .	199
Number of articles of bedding and clothing disinfested of vermin ..	4,834

Summary of 8,041 articles of bedding and clothing dealt with during the year:—

Mattresses .. .. .	202
Pillows .. .. .	484
Pillow Cases .. .. .	94
Bolsters .. .. .	35
Bolster Cases .. .. .	28
Blankets .. .. .	294
Sheets .. .. .	170
Household .. .. .	6,053
Clothing .. .. .	603
Other Bedding .. .. .	78

**Cleansing**

Number of persons treated for scabies .. .. .	22
Number of persons treated for head lice .. .. .	3
Number of persons treated for body lice .. .. .	20
Number of persons treated for crab lice .. .. .	3
Number of persons cleansed .. .. .	44

**Aged Persons**

The National Assistance Acts, 1948 and 1951, provide that, where certified by the Medical Officer of Health to be necessary for the purpose of securing the proper care and attention for persons who

- (a) are suffering from grave chronic disease or, being aged, infirm or physically incapacitated, are living in insanitary conditions, and
- (b) are unable to devote to themselves, and are not receiving from other persons, proper care and attention,

a local authority may apply to a court of summary jurisdiction for an order to secure the removal of such aged and infirm persons.

There were no cases arising during the year which called for action under the above Acts by the Public Health Department, but visits were made in connection with the voluntary removal of aged and infirm persons living alone, to hospitals or other places and in connection with the provision for such persons of home nursing and home help facilities.

**Burial of the Dead**

Section 50 of the National Assistance Act, 1948, places upon the Borough Council the responsibility of causing to be buried or cremated the body of any person who has died in the area, or been found dead in the area, in any case where it appears that no suitable arrangements for the disposal of the body are otherwise likely to be made. Such cases are those of persons who die in poor circumstances, and, with few exceptions, have no known relatives.

Hospital Management Committees and Boards of Governors of Teaching Hospitals have been asked by the Minister to exercise their powers to arrange and pay for the burial or cremation of such persons dying in hospital. This Circular does not apply to voluntary hospitals, of which there are two in the Borough, namely the French Hospital, Shaftesbury Avenue, and the Italian Hospital, Queen Square.



During the year six cases were dealt with, at a total cost of £94 12s. 6d. The total amount recovered during the year in respect of burials was £95 4s. 9d. The cases had come to the notice of the Public Health Department from the following sources:—

Coroner's Officer .. .. .	1
French Hospital .. .. .	2
Friends or Relatives of Deceased .. .. .	3

### **New Legislation**

#### **The Housing (Underground Rooms) Act, 1959**

This Act which came into operation on the 14th June, 1959, restores to local authorities the means of closing unhealthy underground rooms previously provided by Section 12(2) of the Housing Act, 1936 and now consolidated in Section 18(2) of the Housing Act, 1957.

#### **Arsenic in Food Regulations, 1959**

These Regulations came into operation on the 10th August, 1959, and, subject to certain exceptions, make it an offence to sell food containing more than 1.0 part per million of arsenic.

#### **Fluorine in Food Regulations**

These Regulations, which came into operation on the 14th March, 1960, replace Fluorine in Food Order, 1947. They prescribe reduced maximum limits for the fluorine content of acidic phosphates used for food purposes and of foods containing acidic phosphates.

#### **Food Standards (Ice-Cream) Regulations, 1959**

These Regulations came into operation on the 27th April, 1959, and replace the Food Standards (Ice-Cream) Order, 1953. They prescribe standards of composition for ice-cream, dairy ice-cream, milk ice and ice-cream containing fruit.

#### **The Ice-Cream (Heat Treatment etc.) Regulations, 1959**

These Regulations came into operation on the 27th April, 1959. They consolidate the Ice-Cream (Heat Treatment etc.) Regulations, 1947 to 1952, and amend the provisions of those regulations relating to the pasteurisation, sterilisation, and low temperature storage of ice-cream and its ingredients.

#### **Labelling of Food (Amendment) Regulations, 1959**

As from 27th April, 1959, these Regulations amend the Labelling of Food Order, 1953, by the inclusion of new provisions relating to the labelling, marking and advertising of ice-cream.

#### **The Milk and Dairies (General) Regulations, 1959**

These Regulations, which came into operation on the 8th March, 1959, re-enact with amendments the Milk and Dairies Regulations, 1949 to 1954.



## SECTION 5.

### Factories.

Most of the provisions of the Factories Acts, 1937–1959, are administered by the Ministry of Labour and National Service through H.M. Factory Inspectors. The Sanitary Authority is charged with the duty of enforcing the legislation as to sanitary accommodation in all factories in its area, and, in those factories where mechanical power is not used, legislation with regard to cleanliness, overcrowding, temperature, ventilation, and drainage of floors.

All factories must have an adequate supply of drinking water from a public main or some other source approved in writing by the Council.

Particulars of inspections and other work carried out during 1959 are as follows:—

Number of visits to:—

Factories with mechanical power .. .. .	169
Factories without mechanical power .. .. .	20
Outworkers registers .. .. .	3
Outworkers' rooms .. .. .	11
Electrical stations and sites of building operations .. .. .	141

#### Factories Acts, 1937–1959

The following particulars are furnished in accordance with Section 128 (3) of the principal Act, with respect to matters under Part I and Part VIII:—

#### Part I of the Act

##### 1. Inspections for purposes of provisions as to health.

Premises	No. on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ... ..	191	20	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ... ..	746	169	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	47	141	—	—
Total ... ..	984	330	—	—



## 2. Cases in which defects were found.

PARTICULARS	Number of Cases in which Defects were				Number of Cases in which Prosecutions were Instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness (S.1) ... ..	—	—	—	—	—
Overcrowding (S.2) ... ..	—	1	—	—	—
Unreasonable Temperature (S.3) ...	—	—	—	—	—
Inadequate Ventilation (S.4) ... ..	—	—	—	—	—
Ineffective Drainage of Floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7)—					
(a) Insufficient ... ..	—	—	—	—	—
(b) Unsuitable or Defective ... ..	14	17	—	6	—
(c) Not separate for Sexes ... ..	1	1	—	—	—
Other offences against the Act (not including offences relating to Out-work)... ..	10	—	9	—	—
Total ... ..	25	19	9	6	—

## Part VIII of the Act

## Outworkers

Section 110 of the Factories Act, 1937, requires that where, in certain specified industries, work is given by an employer or contractor to be done by workers outside his factory, lists containing the names and addresses of such workers must be forwarded to the Local Authority. Section 111 has the object of preventing such work being carried out in premises which are insanitary or in which infectious disease is present.

The following table gives the number and type of such premises in the Borough, and the nature of the work carried out:—

Type of Specified Work	Section 110			Section 111		
	No. of Outworkers in August List required by Sect. 110 (1) (c)	No. of Cases of Default in Sending Lists to the Council	No. of Prosecutions for Failure to Supply Lists	No. of Instances of Work in Unwholesome Premises	Notices served	Prosecutions
Wearing Apparel—						
Making, &c. ...	287	—	—	—	—	—
Cleaning and Washing	1	—	—	—	—	—
Household Linen ...	—	—	—	—	—	—
Lace, Lace Curtains and Nets ...	—	—	—	—	—	—
Curtains and Furniture Hangings...	—	—	—	—	—	—
Furniture and Upholstery	—	—	—	—	—	—
Electro-plate ...	—	—	—	—	—	—
File Making ...	—	—	—	—	—	—



Type of Specified Work	Section 110			Section 111		
	No. of Outworkers in August List required by Sect. 110 (1) (c)	No. of Cases of Default in Sending Lists to the Council	No. of Prosecutions for Failure to Supply Lists	No. of Instances of work in Unwholesome Premises	Notices served	Prosecutions
Brass and Brass Articles ...	—	—	—	—	—	—
Fur Pulling ...	—	—	—	—	—	—
Iron and Steel Cables and Chains ...	—	—	—	—	—	—
Iron and Steel Anchors and Grapnels ...	—	—	—	—	—	—
Cart Gear ...	—	—	—	—	—	—
Locks, Latches and Keys ...	—	—	—	—	—	—
Umbrellas, &c. ...	—	—	—	—	—	—
Artificial Flowers ...	6	—	—	—	—	—
Nets, other than Wire Nets ...	—	—	—	—	—	—
Tents ...	—	—	—	—	—	—
Sacks ...	—	—	—	—	—	—
Racquet and Tennis Balls ...	—	—	—	—	—	—
Paper Bags ...	—	—	—	—	—	—
The making of Boxes or other Receptacles or parts thereof made wholly or partially of Paper ...	—	—	—	—	—	—
Brush Making ...	—	—	—	—	—	—
Pea Picking... ..	—	—	—	—	—	—
Feather Sorting ...	—	—	—	—	—	—
Carding, &c., of Buttons, &c. ...	—	—	—	—	—	—
Stuffed Toys ...	—	—	—	—	—	—
Basket Making ...	—	—	—	—	—	—
Chocolates and Sweetmeats	—	—	—	—	—	—
Cosaques, Christmas Crackers, Christmas Stockings, &c. ...	53	—	—	—	—	—
Textile Weaving ...	—	—	—	—	—	—
Lampshades ...	—	—	—	—	—	—
Total ...	347	—	—	—	—	—

Firms in the Borough employing outworkers .. ..	24
No. of outworkers on lists submitted .. ..	347
No. of outworkers referred to other Boroughs .. ..	331
No. of outworkers in Holborn employed by Holborn firms ..	16
No. of outworkers in Holborn employed by firms outside the Borough .. ..	32
Total number of outworkers in Holborn .. ..	48
Inspection of outworkers' premises .. ..	11
Cases of notifiable disease occurring in such premises ..	Nil



## SECTION 6.

### Inspection and Supervision of Food.

#### General

All premises where food is prepared, stored or exposed for sale for human consumption are inspected, and the following is a record of the inspections made during 1959:—

Dairies and milk shops	..	..	..	..	..	..	34
Ice cream, sale or storage	..	..	..	..	..	..	43
Ice cream manufacture	..	..	..	..	..	..	3
Restaurants and kitchens	..	..	..	..	..	..	797
Bakehouses .. ..	..	..	..	..	..	..	9
Butchers' shops	..	..	..	..	..	..	15
Fish shops .. ..	..	..	..	..	..	..	5
Fried fish shops	..	..	..	..	..	..	5
Other food shops	..	..	..	..	..	..	257
Market streets	..	..	..	..	..	..	66
Licensed premises	..	..	..	..	..	..	86
Sampling .. ..	..	..	..	..	..	..	368
Unsound food	..	..	..	..	..	..	156
Re-inspections	..	..	..	..	..	..	205

#### Food and Drugs Act, 1955

##### Notices

During 1959, 4 notices were served on owners or occupiers of food premises, drawing attention to infringements of the Food Hygiene Regulations, 1955. Details of the premises are as follows:—

Restaurant	..	..	..	..	..	..	1
Licensed premises	..	..	..	..	..	..	1
Fried fish restaurant	..	..	..	..	..	..	1
Bakehouse	..	..	..	..	..	..	1

The following is a summary of the work carried out during the year as a result of Notices served under the Food and Drugs Act, 1955, in respect of food premises:

Premises or parts of premises put in sanitary condition	..	..	..	..	1
Articles and equipment put in good order, repair and condition	..	..	..	..	1
Notice provided in sanitary convenience re washing hands	..	..	..	..	1
Sanitary conveniences cleansed and put in efficient order	..	..	..	..	4
Persons handling food:—					
Wash-hand basins provided	..	..	..	..	1
Hot and cold water provided	..	..	..	..	3
Soap detergents, nail brushes and towels provided	..	..	..	..	4
Washing food and equipment:—					
Suitable and sufficient sinks provided	..	..	..	..	2
Sinks and other equipment cleansed and put in good order	..	..	..	..	2
Food rooms repaired and put in good condition	..	..	..	..	10
Accumulation of refuse in food room removed	..	..	..	..	1

### Registrations

The Milk and Dairies Regulations require every Local Authority to keep a register of all persons carrying on the trade of distributor in their district and of all premises which are used as dairies. "Dairy" does not include a shop from which milk is supplied only in the properly closed and unopened vessels in which it is delivered to the shop, or other place in which milk is sold for consumption on the premises only. "Distributor" includes a purveyor of milk whether by wholesale or retail. Most distributors now sell milk in the bottles and cartons in which they receive it from the wholesaler, and consequently their premises are not required to be registered as dairies.

Dairies registered during 1959	..	..	..	..	..	Nil
Dairies removed from register during 1959	..	..	..	..	..	1
Dairies on register at end of 1959	..	..	..	..	..	1
Distributors registered during 1959	..	..	..	..	..	5
Distributors removed from register during 1959	..	..	..	..	..	6
Distributors on register at end of 1959	..	..	..	..	..	73
Number of above distributors trading from premises outside Borough						26
Inspections made by Inspectors during 1959	..	..	..	..	..	34
Formal milk samples taken and submitted for analysis	..	..	..	..	..	109
Informal milk samples taken and submitted for analysis	..	..	..	..	..	59



The following tables show the monthly variation of the chemical composition of the 168 samples.

### Designated Milk

Month	Number of Samples examined	Fat Per cent. average	Solids Non-fat Per cent. average	Total Solids Per cent. average
January ... ..	14	3.82	8.82	12.64
February ... ..	12	3.64	8.63	12.27
March ... ..	8	3.55	8.65	12.20
April ... ..	12	3.47	8.74	12.21
May ... ..	11	3.25	8.70	11.95
June ... ..	18	3.41	8.72	12.13
July ... ..	12	3.53	8.73	12.26
August ... ..	7	3.46	8.78	12.24
September ... ..	12	3.53	8.58	12.11
October ... ..	13	3.67	8.62	12.29
November ... ..	13	3.71	8.64	12.35
December ... ..	11	3.83	8.69	12.52
Whole year ... ..	143	3.57	8.69	12.26
Legal minimum ... ..	—	3.00	8.50	11.50

### Channel Island and South Devon Milk

Month	Number of Samples examined	Fat Per cent. average	Solids Non-fat Per cent. average	Total Solids Per cent. average
January ... ..	—	—	—	—
February ... ..	2	4.40	8.97	13.37
March ... ..	6	4.23	8.97	13.20
April ... ..	2	4.40	8.87	13.27
May ... ..	3	4.07	8.84	12.91
June ... ..	2	4.20	8.80	13.00
July ... ..	2	4.30	9.25	13.55
August ... ..	—	—	—	—
September ... ..	2	4.40	8.80	13.20
October ... ..	1	4.30	8.77	13.07
November ... ..	—	—	—	—
December ... ..	5	4.53	9.00	13.53
Whole year ... ..	25	4.31	8.92	13.23
Legal minimum ... ..	—	4.00	8.50	12.50

These figures approximate closely to those of the previous ten years, averages of which are tabulated below:—

### Designated Milk

Year				No. of Samples examined	Total Solids (average)	Non-fatty Solids (average)	Fat (average)
1949	...	...	...	212	12.35	8.86	3.49
1950	...	...	...	216	12.32	8.80	3.52
1951	...	...	...	217	12.35	8.83	3.52
1952	...	...	...	179	12.39	8.86	3.53
1953	...	...	...	175	12.18	8.69	3.49
1954	...	...	...	157	12.20	8.61	3.59
1955	...	...	...	164	12.19	8.65	3.54
1956	...	...	...	192	12.39	8.73	3.66
1957	...	...	...	160	12.48	8.80	3.68
1958	...	...	...	146	12.43	8.76	3.67
1959	...	...	...	143	12.26	8.69	3.57

### Milk (Special Designations) Regulations

A person proposing to use a special designation authorised by the Regulations is required to apply to the licensing authority of the area in which the milk is to be sold, for a licence to use the designation. Upon being satisfied that the relevant provisions of the Regulations are complied with, a Licensing Authority grant a dealer's licence to a distributor in respect of each of his premises within their area from which the designated milk is to be sold. Where a distributor holding a dealer's licence to use a special designation in respect of milk sold from premises in one area, wishes to sell milk within the area of another Licensing Authority, the latter authority may issue a dealer's supplementary licence authorising the use of the designation in their area.

During the year 171 licences were issued, details of which are as follows:—

		Dealer's Licences	Dealer's Supplementary Licences
To sell Tuberculin Tested milk	..	28	23
To sell Pasteurised milk	.. ..	41	23
To sell Sterilised milk	.. ..	31	25

### Milk—Bacteriological Examination

During the year, 110 samples of milk were submitted for bacteriological examination. 42 of these were from milk supplied to schools in the Borough and four to a Day Nursery.



## Registration of Premises used for the Manufacture, Storage or Sale of Ice Cream

Premises used for the manufacture, storage or sale of ice cream are required by Section 16 of the Food and Drugs Act, 1955, to be registered by the local authority.

On the 1st January, 1959, two sets of premises were registered for the manufacture, storage and sale of ice cream, in Holborn, and 120 premises were registered for storage and sale.

During the year 9 applications were received and approved in respect of premises to be used for storage and sale of ice cream. One set of premises ceased to be used for the storage and sale of ice cream, and was removed from the register.

At the end of the year, there were two registrations for manufacture, storage and sale, and 128 premises were registered for storage and sale.

### Ice Cream (Heat Treatment, Etc.) Regulations, 1959

During the year, 67 samples of ice cream were submitted for examination by the Methylene Blue Test. The results in the grading suggested by the Ministry of Health were as follows:—

Grade 1	..	..	..	..	42
Grade 2	..	..	..	..	8
Grade 3	..	..	..	..	11
Grade 4	..	..	..	..	5
Not graded due to colour	..	..	..	..	1

In addition, 13 samples of ice lollies were submitted for bacteriological examination, and two of them were found to be unsatisfactory owing to the presence of faecal coli.

In the case of samples falling within Grades 3 and 4, letters were sent to the vendors drawing their attention to the poor grading. In such cases where the ice cream was manufactured outside Holborn, details were also sent to the Medical Officers of Health of the areas concerned.

### Licensed Premises

There are 76 public houses in the Borough, and during the year 86 inspections were carried out.

In addition, 45 reports were submitted to the Licensing Justices, in respect of premises where application had been made for the grant, re-grant or transfer of a licence under the Licensing Act, 1953,

## Food Sampling

A total of 491 samples of food and drugs were purchased and submitted to the Borough Analyst for chemical analysis during the year. 302 were formal samples and 189 were informal.

Article	Number of Samples purchased
Baking Powder .. .. .	3
Black Molasses .. .. .	1
Breadcrumbs .. .. .	2
Butter .. .. .	3
Cake Mixture .. .. .	6
Cakes .. .. .	1
Cereals .. .. .	1
Cheese .. .. .	4
Chocolate Drink .. .. .	1
Coffee .. .. .	1
Coffee and Chicory .. .. .	1
Condiments .. .. .	9
Cooking Fat, Dripping and Suet .. .. .	4
Cornflour .. .. .	2
Cream, fresh and tinned .. .. .	6
Custard Powder .. .. .	1
Drugs and Medical Preparations .. .. .	4
Essences and Flavourings .. .. .	11
Fish, fresh, tinned and preserved .. .. .	10
Flour .. .. .	2
Fondant-Icing .. .. .	1
Fruit, dried, tinned and fresh .. .. .	20
Gelatine .. .. .	2
Gin .. .. .	1
Gravy Salt .. .. .	3
Ground Almonds .. .. .	2
Honey .. .. .	5
Ice Cream .. .. .	2
Jams and Preserves .. .. .	10
Jellies .. .. .	5
Lemon Juice .. .. .	2
Margarine .. .. .	1
Meat and Meat Preparations .. .. .	59
Milk .. .. .	168
Milk, Evaporated and Condensed .. .. .	2
Milk Shake Ingredients .. .. .	4





## Unsound Food

During the year 1959, the undermentioned unsound food was surrendered and destroyed or disposed of otherwise:—

Commodity	Tons	Cwts.	Qtrs.	Lbs.
<b>MILK</b>				
Condensed, full cream ... ..	—	—	—	13 $\frac{3}{4}$
Evaporated, unsweetened ... ..	—	—	—	10
<b>FISH</b>				
Cod ... ..	—	—	1	7
Crab (tinned) ... ..	—	—	—	$\frac{1}{2}$
Prawns (tinned) ... ..	—	—	1	20 $\frac{1}{2}$
Roe ... ..	—	—	1	2 $\frac{1}{4}$
Sild ... ..	—	—	3	25 $\frac{1}{4}$
Salmon (tinned) ... ..	—	—	—	2
<b>MEAT</b>				
Beef ... ..	—	1	3	15
Chicken (tinned) ... ..	—	—	—	2
Corned Beef ... ..	—	1	—	25 $\frac{1}{4}$
Corned Mutton ... ..	—	—	—	12
Ham (tinned) ... ..	—	9	—	23 $\frac{1}{2}$
Liver ... ..	—	—	—	24
Meat, Luncheon (tinned) ... ..	—	—	3	24 $\frac{3}{4}$
Mortadella ... ..	—	1	3	6 $\frac{3}{4}$
Mutton and Lamb ... ..	—	—	1	24
Oxtongue and Cheeks (tinned) ... ..	—	—	—	6
Pork (fresh and tinned) ... ..	—	2	1	5 $\frac{1}{4}$
Sausages (tinned) ... ..	1	7	—	13 $\frac{1}{4}$
Steak, Stewed (tinned) ... ..	—	—	1	2
Tongue (tinned) ... ..	—	4	—	26 $\frac{3}{4}$
Veal (fresh and tinned) ... ..	—	—	1	19



## Unsound Food—continued.

Commodity	Tons	Cwts.	Qtrs.	Lbs.
FRUIT				
Apples, puree and pulp (tinned) ...	—	—	3	27 $\frac{3}{4}$
Apricots, puree and pulp (tinned) ...	—	7	2	16 $\frac{3}{4}$
Apples and Blackberries (tinned) ...	—	—	—	5 $\frac{3}{4}$
Blackcurrants (tinned) ...	—	—	—	19
Cherries (tinned) ...	—	—	2	14 $\frac{1}{4}$
Currants ...	—	1	1	22
Fruit Salad (tinned) ...	—	—	1	1
Gooseberries (tinned) ...	—	—	1	$\frac{1}{2}$
Grapefruit, juice and segments (tinned) ...	—	1	—	7 $\frac{1}{4}$
Greengages (tinned) ...	—	—	—	12 $\frac{3}{4}$
Lemon Slices (tinned) ...	—	2	1	4
Mirabelles ...	—	—	1	17
Oranges, segments (tinned) ...	—	—	—	2 $\frac{1}{4}$
Peaches (tinned) ...	—	7	1	16
Pears (tinned) ...	—	1	1	$\frac{1}{4}$
Pineapple (tinned) ...	—	—	1	18
Plums (tinned) ...	—	3	—	23
Raisins ...	—	—	1	20
Rhubarb ...	—	—	—	6 $\frac{1}{4}$
Strawberries ...	—	—	—	1 $\frac{1}{4}$
VEGETABLES				
Artichokes ...	—	—	—	4
Beans (tinned) ...	—	—	2	18 $\frac{3}{4}$
Beetroot (tinned) ...	—	—	1	3 $\frac{3}{4}$
Broccoli (frozen) ...	—	—	—	3
Brussels Sprouts ...	—	—	—	1 $\frac{1}{2}$
Carrots (tinned) ...	—	—	3	20 $\frac{1}{2}$
Celery Hearts (tinned) ...	—	—	—	7 $\frac{1}{2}$
Cucumbers, pickled ...	—	1	—	1
Mushrooms ...	—	5	2	—
Peas (tinned and frozen) ...	—	—	3	6 $\frac{1}{4}$
Peas and Carrots (frozen) ...	—	—	—	3
Potato Chips (frozen) ...	—	—	—	2
Spinach (frozen) ...	—	—	—	26 $\frac{1}{2}$
Sweet Corn (frozen) ...	—	—	—	3
Tomatoes, juice, puree and paste (tinned) ...	—	—	3	24
Vegetable Salad (tinned) ...	—	—	—	1

## Unsound Food—continued

Commodity					Tons	Cwts.	Qtrs.	Lbs.
OTHER FOOD								
Biscuits ...	...	...	...	...	—	—	—	12½
Butter ...	...	...	...	...	—	—	1	1
Cheese ...	...	...	...	...	1	16	—	19
Cornflakes ...	...	...	...	...	—	—	—	6
Eggs ...	...	...	...	...	—	—	—	3
Egg Noodles ...	...	...	...	...	—	—	1	23
Herbs ...	...	...	...	...	—	8	3	20
Jam and Preserves ...	...	...	...	...	—	—	—	14
Paste ...	...	...	...	...	—	1	2	20¾
Pickles ...	...	...	...	...	—	2	2	14¼
Ravioli ...	...	...	...	...	—	—	—	11¼
Soup (tinned) ...	...	...	...	...	—	—	—	5¼
Sweets ...	...	...	...	...	—	11	2	7
TOTAL ...					7	13	1	4½



## SECTION 7.

### Tuberculosis.

The following table gives the number of new cases of tuberculosis notified, and deaths during 1959 of persons notified as suffering from the disease:—

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0— 1 year ... ..	—	1	—	—	—	—	—	—
1— 2 years ... ..	—	—	—	—	—	—	—	—
2— 5 years ... ..	—	—	—	—	1	—	—	—
5—10 years ... ..	—	—	—	—	1	1	—	—
10—15 years ... ..	—	—	—	—	—	—	—	—
15—20 years ... ..	—	2	—	—	—	—	—	—
20—25 years ... ..	—	1	—	—	—	—	—	—
25—35 years ... ..	2	2	—	—	4	2	—	—
35—45 years ... ..	2	—	—	—	3	—	—	—
45—55 years ... ..	7	3	—	—	6	1	—	—
55—65 years ... ..	4	—	—	—	5	—	—	—
65—75 years ... ..	2	1	—	—	1	—	—	—
75 and over ... ..	—	—	—	—	—	—	—	—
<b>TOTAL ...</b>	<b>17</b>	<b>10</b>	<b>—</b>	<b>—</b>	<b>21</b>	<b>4</b>	<b>—</b>	<b>—</b>

### Summary of Changes in Tuberculosis Register During 1959

	Pulmonary		Non-Pulmonary		Total
	M.	F.	M.	F.	
Cases on Register at 31st December, 1958 ... ..	127	112	4	13	256
<b>Cases Added</b>					
Primary notifications ... ..	17	10	—	—	27
Transferred from other districts	20	4	—	—	24
Death Returns ... ..	1	—	—	—	1
Totals ... ..	165	126	4	13	308
<b>Cases Removed</b>					
Moved to other district ... ..	15	7	1	1	24
Recovered ... ..	—	1	—	—	1
Died ... ..	9	—	—	—	9
Lost trace of ... ..	4	1	—	—	5
Totals ... ..	28	9	1	1	39
Cases on Register at 31st December, 1959 ... ..	137	117	3	12	269



## Tuberculosis Notifications and Deaths for the last 50 years

	Notifications	Rate per 1,000 Population	Deaths	Rate per 1,000 Population
1910	170	3.39	111	2.21
11	187	3.81	116	2.36
12	210	4.37	111	2.29
13	204	4.35	100	2.13
14	135	2.88	103	2.20
15	198	4.90	86	2.13
16	218	5.71	80	2.10
17	149	4.22	95	2.69
18	163	4.43	105	2.86
19	94	2.46	75	1.97
1920	123	3.10	55	1.39
21	117	2.69	48	1.10
22	82	1.91	51	1.19
23	60	1.38	48	1.11
24	87	2.01	54	1.25
25	74	1.71	54	1.25
26	92	2.13	35	.81
27	111	2.63	55	1.30
28	105	2.67	47	1.20
29	88	2.29	44	1.15
1930	86	2.24	43	1.12
31	88	2.55	38	1.10
32	89	2.44	38	1.04
33	59	1.64	29	.80
34	89	2.47	32	.89
35	73	2.06	30	.85
36	90	2.58	35	1.00
37	76	2.20	27	.78
38	79	2.30	32	.93
39	69	2.25	20	.65
1940	47	2.00	24	1.02
41	53	3.09	22	1.28
42	53	3.19	30	1.82
43	54	3.13	21	1.22
44	50	2.78	15	.83
45	68	3.64	16	.86
46	60	2.83	13	.61
47	51	2.17	18	.77
48	47	.88	13	.52
49	48	1.88	15	.59
1950	44	1.69	11	.42
51	45	1.83	17	.69
52	48	2.00	7	.29
53	51	2.15	11	.46
54	36	1.54	5	.21
55	45	1.95	8	.35
56	36	1.59	3	.13
57	32	1.44	4	.18
58	26	1.19	3	.14
59	27	1.26	5	.23

