

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

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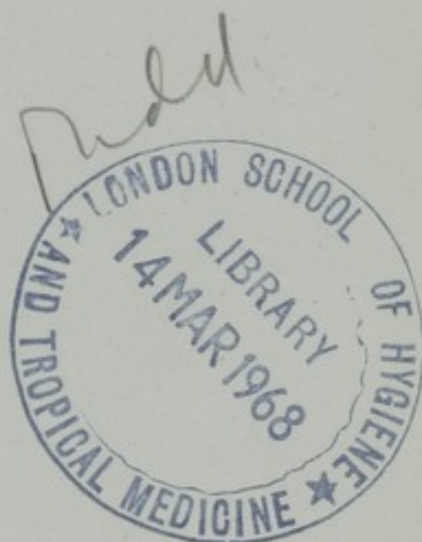
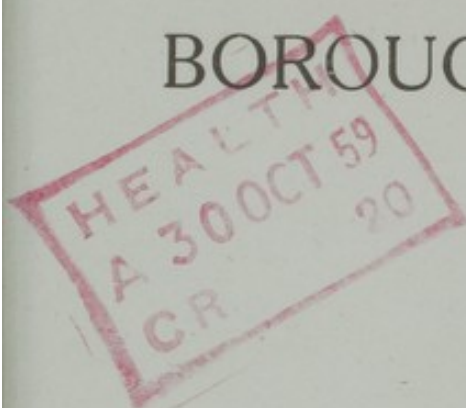


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BOROUGH OF ACTON



ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH

TOGETHER WITH THE
REPORT ON THE MEDICAL
INSPECTION OF SCHOOLS



FOR THE YEAR 1957



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MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1957

PUBLIC HEALTH DEPARTMENT,

TOWN HALL,

ACTON, W.3.

*To the Mayor, Aldermen and Councillors
of the Borough of Acton.*

I submit the Annual Report of the health of the Borough of Acton for 1957.

During the year there were 919 cases of measles. Some serious sequelae occurred chiefly in children under school age. There were 12 cases of poliomyelitis and during this year the limited scheme for polio-vaccination was extended; 890 children completed a course with 2,034 awaiting the arrival of Salk vaccine.

I append below a table showing the deaths that have occurred due to cancer of the lung or bronchus. The greatest number of deaths, as one has recently been led to expect, were due to cancer of the bronchus in the male population of the 45-65 age group.

DEATHS FROM CANCER OF THE LUNG AND BRONCHUS—
1952 to 1957

Year	Total	25—45				45—65				65+			
		Bronchus		Lung		Bronchus		Lung		Bronchus		Lung	
		M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1952	28	1	1	1	—	10	1	3	—	8	—	3	—
1953	23	1	—	—	—	10	2	4	2	2	—	2	—
1954	26	3	—	—	1	7	4	1	1	6	2	—	1
1955	37	1	—	1	—	9	—	6	3	8	2	6	1
1956	28	—	—	—	—	12	1	3	1	8	—	1	2
1957	39	1	—	—	—	17	1	6	1	8	—	5	—

I should like to take this opportunity of expressing to the staff of the Public Health Department my appreciation of their co-operation and loyalty throughout the year.

I remain,

Your obedient servant,

GEORGE E. B. PAYNE.

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STAFF

Medical Officer of Health

GEORGE E. B. PAYNE, M.D., M.R.C.S., L.R.C.P., D.P.H.

Deputy Medical Officer of Health

MARGARET HELLER, M.D. (Vienna), L.R.C.P. & S., (Edin.), D.C.H.

Chief Public Health Inspector

(Inspector under Diseases of Animals Acts, Rag Flock and Other Filling Materials Act, and Fabrics Misdescription Act).

J. J. MATTHEWS, M.R.S.H. (a) (c) (d).

Deputy Chief Public Health Inspector

M. DOWIE. (b) (c) (d).

Public Health Inspectors

G. O. AXON. (b) (c). Resigned 28-2-57.

G. W. BURDEN. (b) (c)

C. CODRINGTON. (Temporary) (a) (c)

W. G. COLLAM. (b) (c)

D. W. FOSTER, M.R.S.H. (b) (c)

J. R. GLOVER. (b) (c)

A. C. JENKINS. (b) (c)

D. A. PARKER. (b) (c)

D. F. W. RANDS. (b) (c) (Appointed 8-4-57)

J. P. SMITH. (b) (c)

W. G. THURGOOD. (b) (c)

Pupil Public Health Inspector

P. F. CORMACK (Appointed 14-1-57)

Clerical Staff

* A. S. M. PRATT, Barrister-at-Law, Chief Clerk.

J. BURROWS, Senior Clerk.

MRS. M. E. JONES.

MRS. I. P. LEE.

MISS J. A. ROBERTSON.

* Transferred to Middlesex County Council under the National Health Service Act, 1946. Part-time officer to the Acton Town Council.

- (a) Certificate, Royal Sanitary Institute.
- (b) Certificate, Royal Sanitary Institute and Sanitary Inspectors Examination Joint Board.
- (c) Certificate, Royal Sanitary Institute for Inspectors of Meat and other Foods.
- (d) Certificate, Royal Sanitary Institute for Smoke Inspectors.

SECTION A

STATISTICS

GENERAL STATISTICS

Area (acres)	.....	.....	.....	.....	.....	2,319
Population: Census, 1931	.....	.....	.....	.....	.....	70,008
1951	.....	.....	.....	.....	.....	67,424
Registrar General's Estimate Mid.—1957						
Home Population	.....	.....	.....	.....	.....	65,840
Rateable Value at 31st March, 1957	.....	.....	.....	.....	.....	£1,523,313
Product of a penny rate for year ending 31st March, 1957						£6,599
General Rate in the £ at 31st March, 1957	.....	.....	.....	.....	.....	14s. 10d.
Number of Inhabited Dwellings at 31st March, 1957	.....	.....	.....	.....	.....	18,937

VITAL STATISTICS

(Comparable figures for 1956 in brackets)

Live Births:

	TOTAL		MALES		FEMALES	
Legitimate	872	(850)	464	(449)	408	(401)
Illegitimate	65	(65)	37	(39)	28	(26)
TOTALS	937	(915)	501	(488)	436	(427)

Birth rate per 1,000 estimated population—14.2 (13.8).

Corrected birth rate per 1,000 estimated population—13.3 (12.8).

Still Births:

	TOTAL	MALES	FEMALES
Legitimate	20 (21)	11 (13)	9 (8)
Illegitimate	2 (2)	1 (2)	1 (—)
TOTALS	22 (23)	12 (15)	10 (8)

Deaths:

	TOTAL	MALES	FEMALES
	686 (723)	350 (362)	336 (361)

Death rate per 1,000 inhabitants 10.42 (10.91).

Corrected death rate 10.94 (11.33).

Deaths from Puerperal Causes

	Deaths	Rate per 1,000 Live & Still Births
Puerperal Sepsis	— (—)	— (—)
Other Puerperal Causes	— (—)	— (—)

Death Rate of Infants under 1 year of age:

All infants per 1,000 live births (E. & W.—23.0) 19.2 (23.0)

Legitimate infants per 1,000 legitimate live births 17.1 (24.7)

Illegitimate infants per 1,000 illegitimate live
births 46.2 (0.0)

Deaths from selected causes

Deaths from Cancer (all ages)	152 (148)
Deaths from Measles (all ages)	.....	— (—)
Deaths from Whooping Cough (all ages)	.....	— (—)
Deaths from Diphtheria (all ages)	.....	— (—)
Deaths from Gastro-Enteritis (under 2 years of age)	.....	1 (—)
Death rate from Gastro-Enteritis (under 2 years of age) per 1,000 live births	.....	1.1 (0.0)

AGES AT DEATH AND WARD DISTRIBUTION OF DEATHS IN 1957

CAUSES OF DEATH	Total	Under 1 year	1—2	2—5	5—15	15—25	25—45	45—65	65+	WARD DISTRIBUTION							
										N.E.	N.W.	C.	S.E.	S.W.	S.	W.	E.
Bronchitis	37	—	—	—	—	—	—	7	30	4	5	2	6	3	4	6	7
Cancer	152	—	—	—	—	—	8	63	81	25	23	19	13	14	21	28	9
Cerebral Haemorrhage & Thrombosis	96	—	—	—	—	—	5	15	76	15	7	9	17	5	15	14	14
Cerebral Abscess	1	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—
Circulatory Disease	118	—	—	—	—	—	5	24	89	12	9	13	15	23	20	19	7
Congenital Debility & Prematurity	15	15	—	—	—	—	—	—	—	2	—	2	1	1	4	4	1
Diabetes	4	—	—	—	—	—	—	4	—	—	2	—	—	1	1	—	—
Gall Bladder	1	—	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—
Gastro-Enteritis	1	—	1	—	—	—	—	—	—	—	—	—	1	—	—	—	—
Heart Disease	62	—	—	—	—	—	1	12	49	9	8	10	4	10	2	12	7
Influenza	8	—	—	—	—	1	—	3	4	—	1	2	1	—	—	3	1
Intestinal Disease	9	1	—	—	—	—	—	2	6	1	—	1	2	1	1	1	2
Leukaemia and Diseases of Blood Forming Organs	13	1	—	—	—	—	2	3	7	1	—	2	1	2	3	4	—
Liver Disease	6	—	—	—	—	—	—	4	2	3	2	—	—	—	1	—	—
Meningitis	1	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—
Carried forward	524	17	1	—	—	2	22	133	349	72	58	60	62	61	72	91	48

AGES AT DEATH AND WARD DISTRIBUTION OF DEATHS IN 1957—contd.

CAUSES OF DEATH	Total	Under 1 year	1—2	2—5	5—15	15—25	25—45	45—65	65+	WARD DISTRIBUTION							
										N.E.	N.W.	C.	S.E.	S.W.	S.	W.	E.
<i>Brought forward</i>	524	17	1	—	—	2	22	133	349	72	58	60	62	61	72	91	48
Nephritis	17	—	—	—	—	—	—	7	10	4	4	1	2	2	—	2	2
Nervous System	9	—	—	—	—	—	—	3	6	—	3	—	3	1	2	—	—
Peptic Ulcer	8	—	—	—	—	—	1	1	6	1	1	—	1	1	3	1	—
Pneumonia	55	—	—	—	—	—	1	4	50	5	5	10	4	4	10	8	9
Poisoning	4	—	—	—	—	—	1	2	1	—	—	2	—	1	—	1	—
Poliomyelitis	1	—	—	—	—	1	—	—	—	—	1	—	—	—	—	—	—
Prostatic Hypertrophy	5	—	—	—	—	—	—	1	4	—	1	—	—	—	3	—	1
Pulmonary Tuberculosis	7	—	—	—	—	—	1	1	5	—	—	—	—	1	2	4	—
Other Forms of Tuberculosis	2	—	—	—	—	—	—	1	1	—	—	—	—	1	—	1	—
Other Respiratory Diseases	20	1	—	—	—	—	—	5	14	2	5	—	1	3	2	3	4
Sarcoma	3	—	—	—	—	1	—	—	2	1	—	—	—	1	—	—	1
Senility	17	—	—	—	—	—	—	—	17	5	2	3	—	3	1	—	3
Suicides	7	—	—	—	—	—	3	4	—	—	3	2	—	1	1	—	—
Violent Deaths	7	—	—	—	—	1	2	4	—	1	2	1	—	1	1	1	—
TOTALS	686	18	1	—	—	5	31	166	465	91	85	79	73	81	97	112	68

CAUSES OF DEATH IN CHILDREN UNDER ONE YEAR

13 MALES

5 FEMALES

Disease	Under 1 wk.	1-2 wks.	2-3 wks.	3-4 wks.	Total under 1 month.	1-3 mths.	3-6 mths.	6-9 mths.	9-12 mths.	Total 1-12 m'ths.
Congenital Heart	—	1	—	—	1	—	—	—	—	—
Prematurity	4	—	—	—	4	—	—	—	—	—
Respiratory Causes	5	—	—	—	5	—	1	1	—	2
Mongolism and Congenital Brain Defects	—	1	1	—	2	—	1	—	—	1
Other Causes	—	—	1	—	1	—	1	1	—	2
TOTALS	9	2	2	—	13	—	3	2	—	5

MATERNAL MORTALITY

There were no maternal deaths during the year.

INQUESTS

Suicides	6
Carbon Monoxide Poisoning	3
Poisoning	1
Accidental Falls at home	5
Road Accidents	10
Other Causes	1
TOTAL	26

POST MORTEM, WITHOUT INQUEST

Respiratory causes	15
Heart and Circulatory Disease	55
Cerebral Disease	15
Cancer	2
Intestinal Complaints	5
TOTAL	92

SUMMARY OF STATISTICS

The following table shows the birth rates and death rates for Acton as compared with England and Wales since 1948.

YEAR	Live Birth Rate		Still Birth Rate		Death Rate		Maternal Mortality Rate		Infantile Mortality Rate	
	Acton	E. & W.	Acton	E. & W.	Acton	E. & W.	Acton	E. & W.	Acton	E. & W.
1948	16.7*	17.9	16.3	23.2	9.4*	10.8	0.00	1.02	24.4	34
1949	15.4*	16.7	19.8	22.7	10.9	11.7	0.00	0.98	23.04	32
1950	13.6	15.8	28.3	22.7	11.4	11.6	0.00	0.86	25.1	29.8
1951	13.7	15.5	28.9	23.0	11.4	12.5	0.00	0.79	23.7	29.6
1952	13.2	15.3	23.2	22.7	10.08	11.3	0.00	0.72	18.6	27.6
1953	12.3	15.5	21.8	22.5	10.14	11.4	0.00	0.76	25.7	26.8
1954	13.5	15.2	20.0	23.5	9.42	11.3	0.00	0.69	16.4	25.4
1955	11.8	15.0	17.4	23.2	10.19	11.7	0.00	0.64	20.0	24.9
1956	12.8	15.7	24.5	23.0	11.33	11.7	0.00	0.56	23.0	23.8
1957	13.3	16.1	22.9	22.4	10.49	11.5	0.00	0.47	19.2	23.0

* Birth and death comparability factors were not available during these years. Consequently it is not strictly possible to compare the birth and death rates for Acton with those for England and Wales.

SECTION B

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

LABORATORY FACILITIES

These continue as in previous years. The Ministry of Health Emergency Medical Service provides a Pathological Service at the King Edward VII Memorial Hospital Laboratory at Ealing.

The following Table gives the types, and number, of specimens submitted for examination.

<i>Type</i>	<i>No. of specimens examined</i>
Throat and Nose Swabs	60
Sputum	30
Faeces	336
Hair, Widal's, etc.	19
Milk	112
Milk Bottles	21
Water	66
Ice-Cream	229
Miscellaneous Foods	3

HOSPITAL PROVISION

The Regional Hospital Board of the N.W. Metropolitan Area, which includes Acton, is responsible for hospital treatment of the sick. The most difficult cases for which to obtain treatment are old persons or chronic sick who become acutely ill or who are in the terminal stage of their illness. These types of cases need continuous care and treatment, and it is just these requirements which cannot be met in the home.

NATIONAL ASSISTANCE ACT, 1948

Under Section 47 of this Act power is given to the Councils of County Boroughs and County Districts to apply to a Court of Summary Jurisdiction for an Order for removal and detention, in a suitable hospital or other place, of 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.

Application is made to the Court only as a last resort, and in several cases which came to my notice during the year it was possible, either to persuade the persons concerned to enter a hospital or home voluntarily, or to provide home help, nursing and other local services so that they could remain in their own homes. However, in one case it was found necessary to take action under Section 47.

This case concerned a woman aged 90 years who was senile and had a high blood pressure condition. Her relatives refused to help in any way and it became increasingly difficult to get Home Helps to attend her due to her bad habits, behaviour and abusiveness. As she was not receiving the care and attention she needed I decided that it would be in the woman's interest if she was removed to hospital.

An order was obtained authorising her detention for three months and this period was extended as her physical condition did not improve. She was still in hospital at the end of the year.

Under Section 50 of this Act the Borough Council arranged for the burial of 6 persons where no other provision was being made.

PUBLIC HEALTH LAUNDRY SERVICE

The Public Health Laundry Service was commenced in November 1955 under the powers of Section 84 of the Public Health Act 1936, to assist incontinent old persons and to relieve them or their relatives of the burden of washing soiled linen.

The service is running smoothly and the number of cases dealt with weekly continue to fluctuate between 10 and 15.

There is no doubt that a service of this kind is of great value to the community. Commercial laundries will not accept articles

in the condition dealt with under the Council scheme, and the relief is greatly welcomed by patients and relatives. It is certain that in some cases relatives would be unable to cope with these incontinent old people and removal to hospital would be necessary. I give below details of the cases dealt with during 1957.

Number of cases dealt with	44
Number of cases died	11
Number of cases removed to hospital	15
Number of cases where other arrangements made	1
Number of collections	737

SECTION C

HEALTH SERVICES PROVIDED BY MIDDLESEX COUNTY COUNCIL

AMBULANCE FACILITIES

The Middlesex County Council is responsible for this service.

NURSING IN THE HOME

This service is administered locally by the Middlesex County Council.

The number of sick persons under care in Acton during the year was 937 necessitating 34,246 visits.

MATERNITY AND CHILD WELFARE

In October the five weekly Child Welfare sessions at Avenue Road were reduced to four by reason of the shortage of Health Visiting staff and the two ante-natal sessions at this clinic were also compressed into a single weekly session.

CHILD WELFARE CLINICS

The average attendances per session for the five Child Welfare Clinics are given below, last year's figures being shown in brackets.

AVENUE ROAD	4 sessions weekly	26.3	(23.6)
TRINITY WAY	2 sessions weekly	34.3	(38.3)
CLOISTER ROAD	2 sessions weekly	26.6	(27.5)
STEELE ROAD	2 sessions weekly	26.3	(27.4)
PIERREPOINT ROAD	3 sessions weekly	32.9	(32.5)

Total number of children who first attended the clinics during the year, and who, on the date of their first attendance were:—

Under one year of age	890
Between the ages of one and five	80

Total number of children who attended during the year, and who, at the end of the year were:—

Under one year of age	821
Over one year	1,886

Total number of attendances at Clinics during the year:—

By children under one year of age	13,575
By children between one and five years	6,748

HEALTH VISITING

Number of visits during the year by all Health Visitors working in this area:—

To expectant mothers—First visits	367
Total visits	542
To children under one year of age—First visits	981
Total visits	3,435
To children between the age of one and five years—Total visits	3,383

MIDWIFERY SERVICE

Domiciliary Midwifery was performed as in previous years by the Midwives of Queen Charlotte's Hospital. Only 19.1% of the total births were home confinements.

The bulk of the hospital confinements were accepted at Central Middlesex and Queen Charlotte's Hospitals, the table below giving the distribution:—

Central Middlesex Hospital	39.1%
Queen Charlotte's Hospital	28.4%
Hammersmith Hospital	2.3%
Other Hospitals	10.7%
Nursing Homes	0.4%

Confined at home	
(Queen Charlotte's midwives attending)	19.1%

ANTE-NATAL CLINIC

AVENUE ROAD	Wednesday afternoons.
CLOISTER ROAD	Alternate Friday mornings.
PIERREPOINT ROAD	Alternate Wednesday mornings.
TRINITY WAY	Alternate Wednesday mornings.

The following table shows the number of attendances made throughout the year:—

Number of new cases attending during the year	507
Total number who attended during the year	601
Total number of attendances made	2,336
Average number who attended per session	14.1

POST-NATAL CLINICS

There were no specific post-natal clinics as the majority of patients return to hospital for this examination. The domiciliary cases who had been attended by Queen Charlotte's Midwives also attended the post-natal clinic at the hospital. Only five women attended the local ante-natal clinic for their post-natal examination.

ANTE-NATAL EXERCISES

AVENUE ROAD	One session weekly.
PIERREPOINT ROAD	Two sessions weekly.

109 new patients were taken on during the year and there was a total of 826 attendances, an average of 6.5 per session.

PREMATURE INFANTS

NUMBER OF PREMATURE LIVE BIRTHS

(a) In Hospital	54
(b) At Home	5
(c) In Private Nursing Homes	—
	<hr/>
	59
	<hr/>

NUMBER OF PREMATURE STILLBIRTHS

(a) In Hospital	7
(b) At Home	2
(c) In Private Nursing Homes	—
	<hr/> 9 <hr/>

LIVE PREMATURE BIRTHS

	TOTAL	<i>Died with- in 24 hrs.</i>	<i>Died between 1st day and 28th day</i>	<i>Surviving at end of 28 days</i>
Born in Hospital	54	3	4	47
Born at Home	5	—	—	5
Born in Nursing Home	—	—	—	—

BIRTH CONTROL CLINIC

As in previous years, arrangements for this purpose with the North Kensington Women's Welfare Association were continued. One afternoon and one evening clinic weekly were held at Trinity Way, East Acton.

No new patients were referred for advice in 1957.

HOME HELP SCHEME

At the end of the year there were 4 full-time Home Helps, and 63 part-time Staff. The following table shows the number of cases actually attended:—

Maternity	36
Tuberculosis	12
Chronic Sick	457
Other cases	47

SECTION D

INFECTIOUS AND OTHER DISEASES, SCABIES AND OTHER CONDITIONS

DIPHTHERIA IMMUNISATION

The extension of the Poliomyelitis vaccination scheme to the younger age groups caused some temporary dislocation of the Diphtheria immunisation programme, but it is expected that this will re-adjust itself as the new techniques of inoculation fall into regular sequence.

Following a report of the Medical Research Council, the use of combined Diphtheria and Whooping Cough vaccine was discontinued in July 1957 on the advice of the Central Health Services Council, and an alum-free diphtheria toxoid and a plain whooping cough vaccine given singly, were adopted at our clinics and recommended to the general practitioners for their use.

The report, based on statistical evidence, showed that there is a risk of provoking poliomyelitis in using antigens in combination, and that this risk is minimal when non alum precipitated antigens are used singly. The change in material of course means more frequent injections but these can be spread over the first 12 months of life so that protection against Diphtheria, Smallpox, Whooping Cough and Poliomyelitis can be completed before the first birthday, with reinforcing or booster doses of Diphtheria toxoid in the fifth and tenth years.

This explains the striking reduction in the number of "boost" doses and Schick tests which were formerly given every three years.

The protected child population at the end of 1957 is as follows :

Children under 5 years of age	2,541
Children 5-15 years	8,721

and the figures of work carried out during 1957 are given below :

DIPHTHERIA IMMUNISATION, 1957

Total number of under 5s inoculated	587
Total number of over 5s inoculated	23
Boost dose after 3 years	614
Schick Test after 3 years—Negative	119
Positive	3
Primary Schick Test—Negative	8
Positive	2

POLIOMYELITIS IMMUNISATION

Inoculation against Poliomyelitis proceeded more or less regularly throughout the year, though supplies of vaccine were small and there were frequent delays in delivery. From January 1957 onwards, general practitioners were given the opportunity to take part in the arrangements, and parents who had already registered their children for vaccination by the local authority were able to transfer to their own doctor if they so desired.

In May, the scheme, which up to then had been limited to those children born in the years 1947 to 1954 inclusive, was extended to those born in 1955 and 1956, but although parents were invited to register these children it was not possible to commence their injections until November. In December the further extension of the scheme to include expectant mothers, and children born in the years 1943-46, was being formulated and the decision to import American and Canadian Salk vaccine made this a reality early in the New Year.

The number of children who had completed the course of immunisation against Poliomyelitis at 31st December, 1957, was only 1,884 whilst a further 300 had received their first injection. The delays in delivery of vaccine had resulted in there being a waiting list of 2,034 but with the advent of the Salk vaccine this figure was speedily reduced by January and February of 1958.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR (Corrected),

Notifiable Disease	Cases notified in whole District At Ages—Years										Ward Distribution								Hospital Cases
	At all ages	Under 1 year	1—2	3—4	5—9	10—14	15—24	25—44	45—64	Over 64	N.E.	N.W.	S.	S.E.	S.W.	E.	W.	C.	
Scarlet Fever	20	—	2	3	14	1	—	—	—	—	4	5	—	4	1	1	2	3	1
Whooping Cough.....	87	13	13	15	32	9	2	3	—	—	8	1	19	23	12	4	16	4	1
Measles	919	24	178	245	456	11	2	3	—	—	46	77	117	109	242	119	130	79	15
Acute Poliomyelitis (Para- lytic)	6	—	1	—	1	2	—	2	—	—	—	2	1	—	—	1	2	—	6
Acute Poliomyelitis (Non- Paralytic)	6	—	—	2	3	—	—	1	—	—	3	—	—	—	—	1	2	—	5
Tuberculosis (Pulmonary)	38	—	—	—	—	—	6	12	14	6	8	3	3	3	5	5	6	5	—
Tuberculosis (Meninges & C.N.S.)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Smallpox	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Tuberculosis (other forms)	8	—	1	—	—	1	1	3	2	—	1	—	1	2	1	2	1	—	—
Meningococcal Infection	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Encephalitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Dysentery	24	—	2	6	7	1	2	3	2	1	3	3	3	2	—	4	7	2	4
Ophthalmia Neonatorum	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pneumonia	14	—	—	2	—	1	1	4	2	4	3	—	2	—	2	1	6	—	4
Puerperal Pyrexia	3	—	—	—	—	—	2	1	—	—	—	—	—	—	2	1	—	—	—
Paratyphoid	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Food Poisoning	47	2	5	1	1	1	10	12	12	3	15	6	4	—	—	2	8	12	5
Erysipelas	5	—	—	—	—	—	—	2	3	—	1	1	1	—	1	—	—	1	—
TOTALS	1177	39	202	274	514	27	26	46	35	14	92	98	151	143	266	141	180	106	41

INFECTIOUS DISEASES

During the year 1,177 cases of infectious diseases were notified compared with 337 cases during 1956. Of the total notifications 919 were in respect of measles compared with 97 last year.

Poliomyelitis

Twelve cases of poliomyelitis were confirmed during the year, 6 of which had some paralysis. Cases of poliomyelitis are notified as paralytic when there are or have been, signs of weakness or paralysis either permanent or transient.

Four of the paralytic and five of the non-paralytic cases occurred in children under 15 years of age.

Unfortunately a girl aged $6\frac{1}{2}$ years died from bulbar poliomyelitis.

None of the cases had been vaccinated against the disease.

Food Poisoning

Forty-seven cases of food poisoning or suspected food poisoning were notified, none of them being associated with an outbreak. In four cases salmonella organisms were responsible for the illness, the causative agent not being discovered in the remainder.

TUBERCULOSIS

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	Male	Female	Male	Female	Male	Female	Male	Female
0 —	—	—	—	—	—	—	—	—
1 —	—	—	—	1	—	—	—	—
5 —	—	—	—	1	—	—	—	—
15 —	3	1	—	—	—	—	—	—
25 —	4	4	2	2	—	1	1	—
35 —	4	1	—	—	—	—	—	—
45 —	5	2	1	1	—	—	1	—
55 —	7	1	—	—	1	—	—	—
65 upwards	3	3	—	—	4	1	—	—
	26	12	3	5	5	2	2	—

STATEMENT OF PARTICULARS APPEARING ON THE REGISTER
OF CASES OF TUBERCULOSIS—1957

	<i>Pulmonary</i>	<i>Non- Pulmonary</i>	<i>Total</i>
(a) Number of cases of tuberculosis on the Register at the commencement of the year	638 males 451 females	93 males 107 females	1,289
(b) Number of cases notified for the first time during the year	26 males 12 females	3 males 5 females	46
(c) Number of cases previously removed from the Register which have been restored thereto during the year	1 males — females	— males — females	1
(d) Number of cases added to the Register other than by notification during the year —	23 males 23 females	— males — females	46
(e) Number of cases removed from the Register during the year	33 males 33 females	3 males 8 females	77
(f) Number of cases remaining on the Register at the end of the year	655 males 453 females	93 males 104 females	1,305

SCABIES AND VERMINOUS CONDITIONS

As in previous years, cases suffering from the above conditions have been referred to the Kensington Medicinal Baths for cleansing treatment.

During the year 12 persons were treated for dirty heads. Seven of these were referred for treatment by the medical staff of factories within the Borough.

Eleven persons were treated for scabies.

SECTION E

HOUSING

I am indebted to the Borough Engineer for the following information showing the progress made since the end of the war.

Temporary Prefabricated Dwellings.

Occupied 31.12.57	208
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New Permanent Dwellings.(1) *Within the Borough:*

Completed and occupied 31.12.57	1,031
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(2) *Outside the Borough:*

Completed and occupied 31.12.57	435
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SECTION F

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The Borough is supplied with water by the Metropolitan Water Board. The whole of the population is supplied from the public water mains direct to each house and the supply has been satisfactory.

Waste of water has been notified to the Metropolitan Water Board on 28 occasions and, in addition to saving a measure of water supply, these notifications have been the means of preventing nuisance from dampness in many cases.

In addition to the public supply, there are three deep wells in the district, two at factory premises, and one at the Public Baths. Samples of water from these wells have been taken from time to time and in the course of the year a total of 64 samples were submitted to the Council's analyst or pathologist for examination as to chemical or bacteriological content, and the results generally indicated a satisfactory supply.

DRAINAGE AND SEWERAGE

All the dwelling houses are provided with water closets and are connected to the sewerage system which discharges, by an arrangement with the L.C.C., into the London sewers. Stormwater is filtered and emptied into the Thames.

PUBLIC CLEANSING

The amount of house refuse collected by the Council in 1957 was 19,945 tons and trade refuse collected amounted to 3,371 tons. All was removed to controlled shoots. In addition to the foregoing, 1,804 tons of salvage were sold.

RODENT CONTROL

Test baiting of public sewers and treatment as necessary have been maintained and this work contributes largely to the improved conditions in the matter of infestation on the surface. The services of the Council's Rodent Destruction staff continue to be divided between work of destruction of newly discovered rats and mice by intensive treatment and regular visitation and examination of business premises to prevent infestation.

The Borough is free from serious infestation.

Investigation, destruction and maintenance have entailed a total of 5,538 visits by the Rodent Operatives, 1,742 to business premises and 3,796 to dwellings, in addition to inspections by the Public Health Inspectors as noted elsewhere.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Under the above Act, seventeen premises are registered for the manufacture of articles of upholstery, toys, etc., and three premises were licensed for the storing of rag flock. In the course of inspections it has been noted that rag flock and other filling materials are stored and used under hygienic conditions.

COMPLAINTS

The number of complaints registered at the counter was 987 and by letter 238.

INSPECTION OF FACTORIES

The number of factories in the Borough is 703 and these have been subject to inspection by the Public Health Inspectors to ascertain that the provisions of the Factories Act, 1937, and regulations as to sanitary accommodation are complied with. The usual work of inspection of factory canteens has been maintained, and advice given as necessary as to fitness or otherwise of food for human consumption.

The home addresses of 61 outworkers engaged in work at home for Factories within and outside the Borough, have been visited to ascertain hygienic conditions and freedom from infectious disease.

FACTORIES ACT, 1937

PART I OF THE ACT

1. INSPECTIONS for the purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises	Number on Register	Number of Inspections	Number of Written Notices	Occupiers Prosecuted
Factories without mechanical power	39	11	—	—
Factories with mechanical power	657	190	8	—
Other premises under the Act (including works of building and engineering construction but not including outworkers' premises)	7	3	—	—
TOTAL	703	204	8	—

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars	Number of Defects				Prosecutions
	Found	Remedied	Referred to H.M. Inspector	Referred by H.M. Inspector	
Want of cleanliness (S.1.)	—	—	—	—	—
Unreasonable Temperature (S.3.)	—	—	—	—	—
Inadequate Ventilation (S.4.)	—	—	—	—	—
Conveniences (S.7.)					
(a) Insufficient	1	3	—	1	—
(b) Unsuitable or defective	19	23	—	17	—
TOTAL	20	26	—	18	—

PART VIII OF THE ACT

OUTWORK—(Section 110)

No. of out-workers in August list required by Sect. 110 (1) (c):—

Stuffed Toys	61
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SANITARY INSPECTION OF THE AREA

The following table includes the tabular statements by the Chief Public Health Inspector under article 27 (18) of the Sanitary Officers (Outside London) Regulations, 1935.

Tabulated Statement of Inspections and Details of work carried out by the Public Health Inspectors:

Number of Inspections made and Action taken:—

Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	.....	2,107
(1) Dealt with by service of informal notice	.....	466
(2) Dealt with by service of Statutory Notice under Section 9 Housing Act, 1936	.....	135
(3) Dealt with by service of Statutory Notice under Public Health Acts	.....	53
(4) No defects found	.....	400
Premises (other than defective dwelling houses) inspected for nuisances and miscellaneous defects	.....	2,417
(1) Dealt with by service of informal notice	.....	29
(2) Dealt with by service of Statutory Notice under Public Health Acts, etc.	.....	—
Re-inspections subsequent to Service of Notice	.....	6,787
Inspections after notifications of Infectious Disease	.....	112
Premises inspected under Prevention of Damage by Pests Act, 1949 and Infestation Order, 1943	.....	101

The general improvement and condition of occupied houses has been maintained by requirements of repairs and the compliance by owners under Section 9 of the Housing Act, 1936. During the year 57 Notices were passed to the Town Clerk for work to be done in default of owners.

The following table indicates the extensive and varied nature of the defects and dilapidations which have been made good following inspection by the Public Health Inspectors.

Sanitary dustbins provided	91
Yards paved or yard paving repaired	37
Insanitary forecourts remedied	3
Defective drains repaired or reconstructed	47
Defective soil pipes and ventilating shafts repaired or renewed	17
Defective fresh air inlets repaired or renewed	30
Defective gullies removed and replaced by new	16
Rainwater downpipes disconnected from drain	—
Dishings or curbs to gully repaired or new gratings fixed	13
Defective W.C. pans and traps removed and replaced by new	22
Defective W.C. flushing apparatus repaired or new fixed	35
Defective W.C. seats repaired or new fixed	9
Defective flush pipe connections repaired	13
Insanitary sinks removed or new fixed	9
Sink waste pipes repaired or trapped	20
Insanitary wall surface over sinks remedied	11
Ventilated food cupboards provided	1
Drinking water cisterns cleansed	8
Defective covers to drinking water cisterns repaired or new fixed	7
Insanitary sites beneath floors concreted	—
Spaces beneath floors ventilated	16
Dampness in walls from defective damp proof coursing remedied	199
Dampness from defective roof, rainwater gutterings, etc., remedied	584
Defective plastering repaired (number of rooms)	388

Rooms where dirty walls and ceiling have been cleansed and redecorated	424
Defective floors repaired	86
Defective or dangerous stairs repaired	28
Defective doors and windows repaired	811
Defective kitchen ranges and firegrates repaired	125
Defective washing coppers repaired	1
Coal cupboards provided or repaired	—
Accumulations of offensive matter removed	4
Drains unstopped and cleansed	42
Drains tested, exposed for examination, etc.	77
Smoke observations and inspections made	83
Smoke nuisance abated on service of notice	8
Miscellaneous nuisances abated	23
New W.C. apartments	—
Verminous rooms disinfested	74

HOUSING REPAIRS AND RENTS ACT 1954

Applications received	6
Applications withdrawn	—
Applications refused	—
Certificates granted to occupiers	6
Applications for certificates of revocation	16
Applications refused	2
Certificates granted to owners	14

RENT ACT 1957

Applications for certificates of disrepair	105
Decisions not to issue certificates	2
Decisions to issue certificates	94
(a) in respect of some defects	70
(b) in respect of all defects	24
Undertakings given by landlords	39
Undertakings refused	—
Certificates of disrepair issued	19

Applications for cancellation of certificates	6
Objections by tenants to cancellation of certificates	—
Decision by Council to cancel in spite of tenant's objection	—
Certificates cancelled	3

PREMISES UNDER PERIODICAL INSPECTION

Factories and Workshops	703
Piggeries	1
Rag Dealers	5
Mews	4
Public House Urinals	34
Hairdressers	45

School Buildings:—

Grammar 1; Primary and Secondary 11; Technical 2; Special 1; Private 3; Total	18
Butchers' Shops	40
Fish Shops	24
Fish and Chip Shops	16
Greengrocers' Shops	89
Grocery and Provision Shops	154
Milk Shops	42
Bakehouses	20
Slaughterhouses	1
Restaurants, Cafes, etc.	129
Industrial Canteens	203
Horseflesh (human consumption) shops	2
Premises where ice-cream is manufactured	5
Premises where ice-cream is sold	140
Premises registered under Section 16, Food & Drugs Act, 1955 (other than Ice-Cream premises):—	
Manufacture of sausages	30
Manufacture of sausage casings	1

Manufacture of pies	.....	.....	2
Manufacture of brawn	.....	.....	1
Preparation of pickles	.....	.....	2
Preparation of preserves	.....	.....	2
Preparation of lard	.....	.....	1
Preparation of dripping	.....	.....	1
Curing of bacon	.....	.....	2
Cooking of ham	.....	.....	1
Smoking of fish	.....	.....	1
Preserving of meat	.....	.....	7
Potting of meat	.....	.....	2
Canning of fruit	.....	.....	1 - Total 54

Dairies registered under the Milk & Dairies

Regulations, 1949:—

2

SECTION G

INSPECTION AND SUPERVISION OF FOOD PREMISES AND FOOD HANDLING

The numbers and types of food premises in the area are noted under Section "F" of the report, as are the numbers of food premises by type registered under Section 16 of the Food & Drugs Act, 1955 and the number of dairies registered under the Milk & Dairies Regulations, 1949.

Inspections of registered food premises are carried out from time to time and further action taken as necessary to ensure the premises and method of production being maintained at a satisfactory standard.

Members of the Public Health Inspectors staff from time to time give lectures with film strip displays to stimulate and maintain interest in food hygiene and the general work of the Public Health Department.

FOOD INSPECTION

Reference to special examinations of consignments of food follow in this section of the report and while details of the quantity condemned are noted, it is not practicable to collate total quantities.

The amount of food-stuffs surrendered owing to deterioration or damage is largely related to the extensive work of food manufacture and distribution in the Borough.

There are two large wholesale grocery Depots within the Borough, and hence surrenders of canned and packeted goods are made to this Authority; these surrenders constitute the major part of such foodstuff noted.

The following list collated for convenience shows some details of the surrendered food-stuffs:

Bacon	.....	.....	.....	.....	691 lbs.
Cream	.....	.....	.....	.....	176 tins
Fish, wet	.....	.....	.....	.....	3 stone
„ tinned	.....	.....	.....	.....	823 tins

Flour and Flour Products	53 pkts.
Fruit, tinned	23,512 tins
Ham, tinned	86 lbs.
„ fresh	116 lbs.
Meat:—	
Fresh	14,306 lbs.
Tinned	1,869 tins
Corned beef	278 tins
Offal	540 tins
Milk, Condensed	1,108 tins
Pastes, Pickles, etc.	78 jars
Poultry:—	
Chickens	15
„	9 pkts.
Preserves	513 tins
Puddings, sweet and savoury	346 tins
Soup, Strained Foods, etc.	693 tins
Vegetables	3,759 tins
Miscellaneous	201 jars, etc.

DISPOSAL OF CONDEMNED FOOD

There has been no change in the methods of disposing of condemned and surrendered food noted in the report. At the large slaughterhouse and bacon factory in the Borough all diseased or infected carcasses, and parts of carcasses, are destroyed in special plant producing inedible material — bone meal, fertiliser, etc. — under supervision of the Council's Meat Inspectors.

Apart from condemned food material dealt with at these slaughterhouse premises all surrendered diseased, or unsound, food is disposed of for animal feeding purposes, or otherwise as appropriate.

FOOD COMPLAINTS

There were 26 complaints as to unsound food, etc., and in 3 cases the Council instituted legal proceedings.

Details are as follows:—

<i>Date of Hearing</i>	<i>Offence</i>	<i>Result</i>
25- 9-57	Mould in wrapped bread	Fined £10 Costs £10-10-0
25- 9-57	Nail in bread	Fined £10 Costs £ 3- 3-0
20-11-57	Nail in bread	Fined £10 Costs £15-15-0

MILK

There are only two dairies in the Borough and the practice of distributing milk wholesale in bottles from large bottling depots to local depots, for delivery by roundsmen, or over the counter in milk shops remains.

112 samples of milk were taken throughout the Borough and following submission to the Pathological Laboratory of the Ministry of Health, the results of the bacteriological examinations indicated that generally satisfactory conditions of processing and storage were maintained.

The wholesale, pasteurising and bottling centre in Bollo Lane has continued in operation without cause for complaint, and 21 empty bottles taken from the filling lines for examination as to sterility, were found to be sterile.

The following licences were granted under the Milk (Special Designation) (Pasturised and Sterilised Milk) Regulations 1949 to 1953, and the Milk (Special Designation) (Raw Milk) Regulations 1949 to 1954.

Dealers' Licences:—

Tuberculin Tested Milk	.....	.....	.....	19
Pasteurised Milk	.....	.....	.....	38
Sterilised Milk	.....	.....	.....	31

Supplementary Licences:—

Tuberculin Tested Milk	.....	.....	.....	11
Pasteurised Milk	.....	.....	.....	12
Sterilised Milk	.....	.....	.....	12

123

ICE-CREAM

The number of manufacturers of ice-cream in the Borough is now 4. Each of them is equipped to produce pasteurised ice-cream, and production is in every way in accord with the Ice-Cream (Heat Treatment etc.,) Regulations, 1947/1952. There are 140 premises where ice-cream is not manufactured, but where the commodity is sold in the main from pre-packed stocks. During the year 229 samples were taken, 155 of ice-cream manufactured in the Borough, and 74 from shops or itinerant vendors trading in ice-cream manufactured outside the Borough.

The high bacteriological standard reflected in the results of examination of samples of ice-cream, together with inspection of plant and premises, has shown that processing and storage conditions are satisfactory and well maintained.

MEAT INSPECTION AT SLAUGHTERHOUSES

Regular slaughtering of pigs at the slaughterhouse of T. Wall and Sons has grown during the year and has necessitated the permanent attendance of a larger staff of the Local Authority in the course of meat inspection, with increased hours of overtime duty.

CARCASSES AND OFFAL INSPECTED AND CONDEMNED
IN WHOLE OR IN PART — 1957

	<i>Pigs</i>
1. Number killed	215,774
2. Number inspected	215,991
3. Dead on arrival or died in pens	217
4. All diseases EXCEPT TUBERCULOSIS	
Whole carcasses condemned	241
Carcasses of which some part or organ was condemned	25,337
Percentage of the number inspected affected with disease other than Tuberculosis	11.85

5. TUBERCULOSIS ONLY

Whole carcasses condemned	42
Carcases of which some part or organ was condemned	6,091
Percentage of the number inspected affected with Tuberculosis	2.84

6. CYSTICERCOSIS

Carcases of which some part or organ was condemned	—
Carcases submitted to treatment by refrigeration	—
Generalised and totally condemned	—

The total weights of meat and offal surrendered were :—

PORK

	Tons	cwts.	qrs.	lbs.
283 CARCASSES .....	.29	2	1	20
34,998 PARTS	90	19	1	13
	120	1	3	5

FOOD AND DRUGS

The Middlesex County Council is the Food and Drugs Authority in this area, and the Chief Officer of the Public Control Department has supplied the following figures and notes :—

Samples procured in the Borough of Acton during the year.

Article	Total samples procured	Unsatisfactory
Milk (new)	64	14
Milk (various)	61	2
Butter	17	—
Cakes	3	1
Cream	19	—

NUMBER OF PIGS' CARCASSES INSPECTED AT T. WALL & SONS LTD. SLAUGHTERHOUSE DURING
1957 WITH ANALYSIS OF SURRENDERS ON ACCOUNT OF DISEASE

Month	Pigs Inspected	PARTS CONDEMNED											
		Carcases	Heads	Collars	Fore Qtrs.	Hind Qtrs.	Legs	Skins	Hocks	Flares	Pieces of Pork	Plucks (Lungs, Livers, Hearts, Lights).	Wt. of Mesente- ries, Stomachs & Intestines.
January	13,140	21	221	1	2	—	62	14	—	5	267 lbs.	2,012	2,410 lbs.
February	12,139	11	205	2	—	—	50	4	4	10	181 lbs.	1,651	2,370 lbs.
March	12,796	14	207	1	—	1	52	1	—	6	266 lbs.	1,883	2,390 lbs.
April	15,067	20	288	2	1	—	51	6	3	1	504 lbs.	2,049	2,780 lbs.
May	19,375	29	350	2	1	2	73	20	2	7	319 lbs.	2,478	2,840 lbs.
June	15,755	41	229	1	1	—	41	204	—	2	246 lbs.	1,792	2,900 lbs.
July	19,790	37	229	1	—	—	46	32	—	6	129 lbs.	2,277	2,790 lbs.
August	17,900	29	328	5	1	—	78	13	1	8	236 lbs.	2,251	2,570 lbs.
September	19,841	25	285	—	—	—	77	23	—	8	175 lbs.	2,087	2,530 lbs.
October	25,701	23	434	2	1	1	75	15	2	7	183 lbs.	2,683	3,030 lbs.
November	22,595	16	434	1	1	—	82	25	4	8	213 lbs.	2,955	2,920 lbs.
December	21,892	17	365	1	3	—	117	17	—	6	183 lbs.	2,355	2,800 lbs.
TOTALS	215,991	283	3,575	19	11	4	804	374	16	74	2,902 lbs.	26,473	32,330 lbs.

Drugs	26	1
Fish and fish products	6	—
Fruit—fresh, canned and dried	6	1
Fruit Squash, etc.	3	—
Ice Cream	13	—
Liver	3	—
Margarine	15	—
Meat and meat products	19	1
Sausages, etc.	10	—
Sweets	3	—
Vinegar	12	—
Wine and Spirits	5	—
Miscellaneous	13	—
	<hr/>	<hr/>
TOTALS	298	20
	<hr/>	<hr/>

Milk

“ Samples of new milk were taken from churns consigned by a dairy farmer to a milk processing depot in your district. 14 of these samples were slightly below the presumptive standard for composition, some having a slight deficiency of milk fat, some of milk solids not fat, and some deficient in both respects. As these deficiencies were slight and as samples taken from other churns of milk from this same source were quite satisfactory no further action was taken.

“ The two samples of hot milk shown as unsatisfactory were both obtained from a cafe in your area; each was slightly deficient in milk solids other than fat and an official caution was sent to the vendor.

Drugs

“ A sample of tincture of iodine was found to contain iodine slightly in excess of the maximum permitted by the British Pharmacopoeia. Attempts were made to purchase a follow-up sample but the shopkeeper in question had no further stock.

Cakes

“ Flour confectionery was exposed for sale by a retailer and labelled “ Coffee Butter Cream Gateau ”. A sample was purchased and the Public Analyst certified that the filling consisted of imitation cream. The retailer received official cautions in respect of the false labelling and of the sale of this food.

Fruit (Fresh, Canned and Dried)

“ A retailer who supplied Packham's Triumph pears when William pears were demanded was cautioned for his offence.

Meat and Meat Products

“ A retail butcher in your area was found to be selling fresh meat containing 301 parts per million of the preservative sulphur dioxide; preservatives of any kind are prohibited in fresh meat. This shopkeeper was prosecuted and fined £10 and ordered to pay £5-13-0d. costs.

Merchandise Marks Acts, 1887-1953.

“ 126 inspections of shops were undertaken to ensure that the Marking Orders relating to certain imported foodstuffs made under the Merchandise Marks Act, 1926, were complied with. 460 separate displays of meat, apples, tomatoes, poultry, honey and dried fruit were examined, and in addition a number of test purchases were made. At one greengrocer's shop imported raw tomatoes from the Canary Islands and apples imported from America were found, neither of which were marked with the necessary indication of origin. Proceedings were instituted against the retailer concerned and he was fined £1 in respect of each offence and ordered to pay £2 2s. 0d. costs.

Labelling of Food Order

" At 31 premises 115 articles of pre-packed food were examined to see that they bore a label which gave a clear statement of the designation of the food and, in the case of compound foods, the ingredients, and also the name and address of the packer or labeller. No infringement of this Order was detected.

False or Misleading Descriptions

" As in previous years a considerable amount of work has been done in the detailed scrutiny of advertisements and the labels on pre-packed foods, and taking suitable action in those cases where a label or advertisement contains a false or misleading description of the food to which it relates. This work is of benefit to the whole County irrespective of where within the County offences may be detected. During the year under review corrective action has been secured in respect of salmon with potato salad, crystallized jelly, pineapple slices, pure egg mundelech, cherry juice, lime juice, imitation cream, cream filled biscuits, cream filled Easter eggs and cheese. In every case the person responsible agreed to make necessary suitable amendments to labels as a result of my representations. In no case was it necessary to institute proceedings.

Special Designated Milk

" During the year in question one licence was issued by my Council in respect of the use of the special designation " pasteurised " for milk processed within your area. These premises were regularly inspected, and compliance with the requirements of the Act and of the appropriate Regulations was maintained. 29 samples of pasteurised milk were taken, all of which were certified as being satisfactory.

Safe Milk

" In addition to the foregoing, 13 samples of raw milk were procured within your Borough and submitted to test for the presence of tubercle bacilli. None was found contaminated."

SECTION H

DISEASES OF ANIMALS

Throughout the year, the Borough remained free from any outbreak of notifiable disease, although there were numerous outbreaks throughout the country which necessitated exercising the utmost vigilance to see that no animals were moved into the Borough from infected areas.

SECTION J

ATMOSPHERIC POLLUTION

There has been no major change in the siting or recording of the three deposit gauge and seven lead peroxide stations and analyses have been maintained throughout the year.

ESTIMATION OF ATMOSPHERIC SULPHUR BY THE LEAD PEROXIDE METHOD

The monthly figures for each station for the years 1956 and 1957 are shown on page 43 and the 1957 figures are illustrated graphically on page 44.

The station with the highest monthly figure—4.5—was Wesley Road and that with the highest average figure—2.6—was Bashley Road. The station with the lowest monthly figure—0.38—and with the lowest average figure—1.1—was Acacia Road.

The average of all stations for the year was 1.9 which is below that of the previous year.

DEPOSIT GAUGES

The monthly figures for each station are shown statistically on page 45 and graphically on page 44.

The yearly average figure—15.55 tons/sq. mile—has fallen below that of the previous year although the amount of combustible material in the deposit has again increased by a small amount.

Once again the station with the greatest monthly deposit—26.20 tons/sq. mile — and the greatest average deposit — 18.19 tons/sq. mile — was Bashley Road. The Kendal Avenue gauge showed the lowest monthly deposit of 10.68 tons/sq. mile and the lowest average deposit of 13.97 tons/sq. mile.

ESTIMATION OF ATMOSPHERIC SULPHUR BY LEAD PEROXIDE INSTRUMENTS

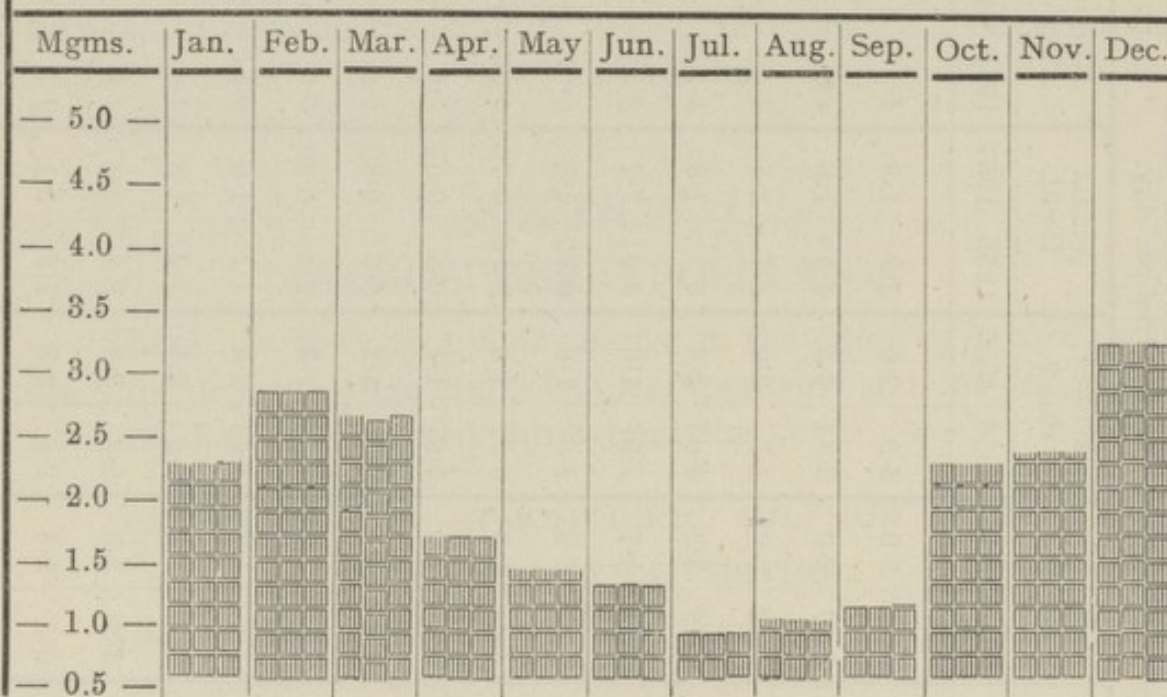
Weight of SO₃ in Milligrams per 100 Square Centimetres per day.

Station	Town Hall		Canham Road		Wells Hse. Road		Bashley Road		Wesley Road		Acacia Road		Kendal Avenue		Borough Average	
	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957
Month & Year																
January	5.02	2.5	4.85	1.9	4.53	2.6	5.53	3.0	5.0	2.6	3.9	1.8	4.2	1.5	4.72	2.3
February	4.26	2.9	4.42	3.0	4.34	2.9	3.97	3.9	3.84	4.5	4.5	1.6	4.6	1.4	4.27	2.9
March	4.56	2.5	4.87	2.7	4.23	2.5	5.44	3.6	4.7	3.0	4.8	2.3	3.6	1.6	4.59	2.6
Winter (Oct.-Mar.)	4.32	2.8	4.02	2.5	3.83	2.6	4.79	3.2	4.03	2.8	3.8	1.8	3.7	1.5	4.07	2.5
April	2.80	1.7	3.37	1.5	2.94	1.8	3.76	1.7	2.97	1.6	3.4	1.7	2.2	1.1	3.06	1.6
May	1.30	1.5	1.1	1.2	1.4	1.6	1.8	1.8	1.0	1.6	0.86	1.3	0.67	0.66	1.16	1.4
June	1.03	1.7	0.94	1.1	1.4	1.4	1.45	1.9	0.87	1.6	0.76	0.76	0.76	0.67	1.03	1.3
July	1.2	0.99	0.8	0.83	1.1	1.1	1.6	1.6	0.9	1.1	0.8	0.57	0.6	0.42	1.00	0.94
August	0.9	1.1	0.8	0.97	1.0	1.1	1.4	1.3	0.8	1.3	0.6	0.80	0.5	0.66	0.86	1.0
September	1.6	1.1	1.4	1.1	1.4	1.6	1.0	1.8	1.5	1.3	1.4	0.89	0.9	0.38	1.3	1.2
Summer (Apr- Sep.)	1.26	1.3	1.2	1.1	1.3	1.4	1.6	1.7	1.15	1.4	1.1	1.0	0.81	0.67	1.2	1.2
October	2.1	2.8	2.0	2.0	2.1	2.5	2.5	3.4	1.6	2.5	1.4	1.8	1.0	1.3	1.8	2.3
November	3.1	2.6	2.8	2.4	2.5	2.6	3.2	3.0	2.6	2.5	2.0	2.4	1.6	1.6	2.54	2.4
December	3.5	3.8	2.8	3.6	2.9	3.4	3.3	3.8	2.6	3.8	1.9	3.1	1.7	1.9	2.7	3.3
Monthly Average	2.61	2.1	2.51	1.9	2.49	2.1	2.91	2.6	2.36	2.3	2.2	1.6	1.8	1.1	2.42	1.9

SULPHUR EMISSION

Amount of SO₂ in Milligrams per 100 Square Centimetres per day

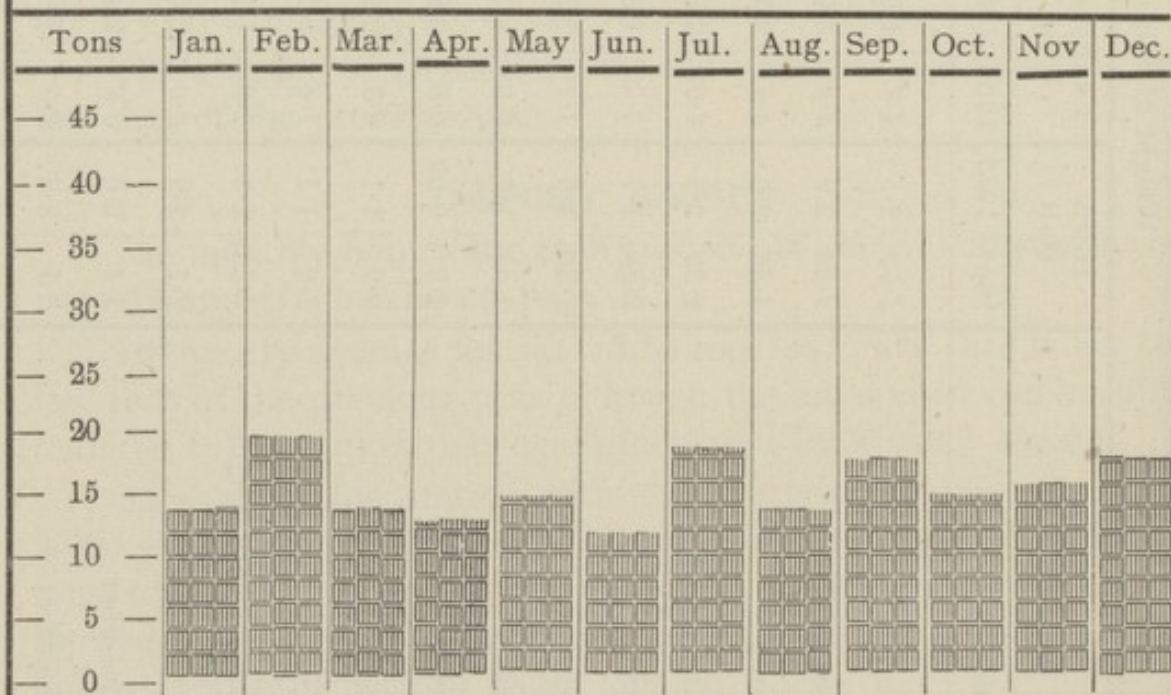
MONTHLY AVERAGE FOR ALL STATIONS



SOLID DEPOSIT

Amount in Tons per Square Mile

MONTHLY AVERAGE FOR ALL STATIONS



DEPOSIT GAUGES
MONTHLY DEPOSIT IN TONS PER SQUARE MILE

Station	Town Hall		Bashley Rd.		Kendal Ave.		Borough Average	
Month & Year	1956	1957	1956	1957	1956	1957	1956	1957
January	25.35	13.08	33.95	16.20	22.94	11.89	27.41	13.72
February	19.38	23.23	41.45	19.74	18.65	15.74	26.49	19.57
March	29.13	13.56	29.44	16.07	29.06	12.23	29.21	13.95
Winter (Oct-Mar)	22.10	15.38	34.31	18.74	21.94	13.95	26.12	16.02
April	16.57	11.17	21.01	15.47	15.20	12.19	17.59	12.94
May	3.31	13.68	9.37	18.73	9.35	12.77	7.34	15.06
June	12.79	11.27	17.20	13.18	17.22	10.68	15.77	11.71
July	17.82	19.10	22.47	17.07	22.73	18.92	21.01	18.36
August	12.62	12.26	14.60	18.88	14.25	12.93	13.82	14.69
September	14.61	13.22	18.00	20.94	15.37	18.05	15.99	17.70
Summer(Apr-Sep)	12.95	13.45	17.11	17.38	15.69	14.62	15.25	15.03
October	15.60	13.55	20.57	16.00	16.11	14.93	17.43	14.83
November	10.24	15.01	17.00	19.78	10.34	13.78	12.53	16.19
December	16.56	14.61	22.84	26.20	17.40	13.50	18.93	18.10
Total Deposit	193.85	173.74	267.90	218.26	208.62	167.60	223.52	186.60
Monthly Average	16.17	14.48	22.32	18.19	17.39	13.97	18.63	15.55

RAINFALL
AVERAGE OF THREE DEPOSIT GAUGE STATIONS IN INCHES

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
1956	3.43	0.11	0.88	1.00	0.16	2.03	4.45	3.41	2.76	1.89	0.30	2.44	22.86
1957	1.14	2.60	0.93	0.21	1.02	0.55	3.38	2.30	2.20	1.86	2.18	1.85	20.22

ANNUAL REPORT

OF THE

SCHOOL MEDICAL OFFICER

FOR THE YEAR 1957

The Statistics of the School Health Services are set out below :

DIPHTHERIA IMMUNISATION

Percentages of School Children Inoculated:

Acton Wells Junior	84.52
Berrymede Boys' Junior	78.55
Berrymede Girls' Junior	78.26
Berrymede Infants'	74.48
Bromyard Secondary	82.99
Derwentwater Junior	88.86
Derwentwater Infants'	82.88
East Acton Infants'	77.21
The Elms Secondary Modern	87.29
John Perryn Junior	90.26
John Perryn Infants'	82.88
Priory Boys' Secondary Modern	77.38
Priory Girls' Secondary Modern	77.67
Priory Infants'	82.72
Rothschild Junior	84.55
Rothschild Infants'	78.55
Southfield Junior	86.64
Southfield Infants'	87.21
St. Mary's R.C., Turnham Green	90.32
West Acton Infants'	91.63

REPORT OF THE SCHOOL OCULIST

Attendances at the Clinic were very satisfactory during the year. 203 children were refracted. Glasses were prescribed for 240 and of those 222 obtained their glasses. 922 children were seen by the Ophthalmologist, of these 174 were new cases. Fifty-one children were referred for orthoptic treatment.

DENTAL REPORT—MATERNITY AND CHILD WELFARE

	Expectant Mothers	Nursing Mothers	Children under 5
Number examined by Dental Officer	60	7	183
Number needing treatment	60	7	165
Number of cases made dentally fit	43	9	168

Forms of dental treatment provided:—

Teeth extracted	38	3	108
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Anaesthetics:—

(a) Local	68	5	1
(b) General	14	—	54
No. of fillings	161	8	269
Scaling or scaling and gum treatment	59	3	—
Silver nitrate treatment	—	—	138
Dressing	29	5	84
Radiographs	1	—	—
Other operations	2	—	10
Denture Dressings	23	17	—

Dentures provided:—

(a) full	—	1	—
(b) partial	8	5	—
Number of attendances	214	37	387
Number of appointments not kept	79	5	64

SPEECH THERAPY REPORT

No. of children treated	.....	.....	.....	.....	125
No. of children discharged	.....	.....	.....	.....	36
No. of children new	.....	.....	.....	.....	43
No. of sessions	.....	.....	.....	.....	321
Total attendances	.....	.....	.....	.....	1,168

The figures generally are down on last year as 45 sessions were lost due to staff changes and leave.

Schools

Four school departments have been visited and case discussions have taken place with Head Teachers.

Attendance

Attendances have been good at all clinical sessions except during school holidays when a considerable drop was noticed. More parents are attending with their children and taking a practical part in their training.

SPECIAL SCHOOL

The School for Educationally Sub-normal Children was open for the whole of 1957 and at the end of the year 40 children were on the roll. During the year 7 new cases were admitted.

TUBERCULOSIS — SPECIAL SURVEYS

During the year the Tuberculin Patch Test was applied to all new entrants in the Infants' Schools. All known contacts and children who had a primary infection prior to school entry were not included in this survey.

Total number patch tested	.....	.....	805
Total number negative	.....	.....	803
Total number found to be positive	.....	.....	2

One of the cases found to be positive had already been vaccinated with B.C.G. but the mother did not mention this at the routine medical inspection when the patch testing was done. The other case was sent to the Ealing Chest Clinic, it was confirmed that his T.B. test was positive but no significant abnormality in the chest x-ray was found. He is still under observation.

Four special surveys were carried out on school children.

In an infants' school a case of miliary tuberculosis occurred.

The class mates were patch tested, these numbered 36. One was positive and was referred to the Ealing Chest Clinic, one was not patch tested as she already had had B.C.G. (her mother was the patient). Five of the children had left the school, but in each case the respective Area Medical Officer was notified.

In two senior schools, special surveys were carried out on children who had been in contact with a classmate who had developed pulmonary tuberculosis. Sixty-four children and fifteen staff were involved. Arrangements were made for the staff to be x-rayed, also for one girl who had left school (overage). This was done with satisfactory results. Of the fifty-four children who were mantoux tested, fourteen were positive reactors and attended the Ealing Chest Clinic for x-ray. All x-rays were within normal limits. Four absentees of the mantoux testing were sent to the Ealing Chest Clinic for investigation. All had satisfactory results. Three girls had recently attended hospital. The parents of two boys refused treatment, these were followed up by home visits.

The fourth special survey was carried out in a senior school as a student teacher was found to be suffering from pulmonary tuberculosis. It was found that there were one hundred and thirty-three class and nine staff contacts. The staff attended Central Middlesex Hospital for x-ray and all with satisfactory results. Of the 133 class contacts, 57 had previously been included in the B.C.G. scheme. Of the remaining 76, 55 had a mantoux test, 52 of these were negative, but only one of the 3 positive was sent for x-ray (this was negative). 18 children were sent for mass x-rays and these were all negative. One parent preferred to take her daughter to see her own doctor, one child's parents were abroad and the guardian did not feel free to give consent to a skin test and one already attended the Ealing Chest Clinic.

HEALTH EDUCATION

In several schools regular health talks and demonstrations were given by the School Health Staff.

AUDIOMETRY SCHEME

Number of Schools visited	8
Number of Children tested	1,984
Gramophone	651
Amplivox	1,233
Number of children with hearing loss	70
Number of children referred to Ear, Nose & Throat Specialist	22

VISITS PAID BY SCHOOL NURSES

The following is the number of home visits paid by the Nurses during the year. The visits have been divided into school distribution.

Acton Wells	20
Berrymede	148
Bromyard	42
Derwentwater	21
East Acton	130
Elms Secondary	5
John Perryn	134
Priory	74
Roman Catholic	20
Rothschild	96
Southfield	152
West Acton	68
Special School	9
Other Schools	75
TOTAL	994

MEDICAL INSPECTION

Medical Inspection of pupils attending Maintained Primary and Secondary Schools (including Special Schools).

Periodic Medical Inspections				Other periodic inspections	Special inspections	Re-inspections
Entrants	Second age group	Third age group	Total			
723	850	488	2,061	354	1,717	1,485

Classification of the General Condition of Pupils

Periodic age groups inspected	Numbers of Pupils inspected	Satisfactory		Unsatisfactory	
		No.	% of Col. 2	No.	% of Col. 2
Entrants	723	717	99.17	6	.83
Age 10 & 11 years	850	848	99.76	2	.24
Leavers	488	488	100.	—	—
Additional periodic inspections	354	350	98.87	4	1.13
TOTAL	2,415	2,403	99.50	12	.50

Defects found by Medical Inspection during the Year

Defect or Disease	Periodic Inspections		Special Inspections	
	No. of defects		No. of defects	
	Requiring treatment.	Requiring to be kept under observation but not requiring treatment.	Requiring treatment	Requiring to be kept under observation but not requiring treatment.
(1)	(2)	(3)	(4)	(5)
Skin	80	35	288	10
Eyes— <i>a.</i> Vision	162	221	101	58
<i>b.</i> Squint	21	20	14	5
<i>c.</i> Other	6	8	33	20
Ears— <i>a.</i> Hearing	4	10	25	8
<i>b.</i> Otitis Media	—	6	9	1
<i>c.</i> Other	13	4	12	1
Nose and Throat	12	15	23	22
Speech	9	9	22	11
Lymphatic glands	—	1	—	5
Heart and Circulation	—	33	—	18
Lungs	—	5	—	34
Developmental—				
<i>a.</i> Hernia	—	1	2	3
<i>b.</i> Other	17	16	19	20
Orthopaedic—				
<i>a.</i> Posture	3	5	3	2
<i>b.</i> Flat foot	—	19	2	5
<i>c.</i> Other	7	41	8	21
Nervous system—				
<i>a.</i> Epilepsy	—	1	—	—
<i>b.</i> Other	—	1	—	—
Psychological—				
<i>a.</i> Development	—	4	1	—
<i>b.</i> Stability	3	21	5	35
Abdomen	—	4	1	29
Other	2	106	17	114

Pupils found to require treatment

Number of individual pupils found at periodic medical inspection to require treatment (excluding dental disease and infestation with vermin).

Group.	For defective vision (excluding squint).	For any other conditions	Total individual pupils.
Entrants	15	46	58
10 and 11 years	68	72	119
Leavers	57	45	100
Total (prescribed group)	140	163	277
Other periodic inspections	22	17	39
TOTALS	162	180	316

TREATMENT TABLES

MINOR AILMENTS

(a) Diseases of the Skin.

				Number of cases treated or under treatment during the year	
				By the Authority	Otherwise
Ringworm—(i)	Scalp	....	....	—	—
	(ii) Body	....	....	2	—
Scabies	....	....	....	2	—
Impetigo	....	....	....	33	—
Other skin diseases	....	....	....	123	—
TOTAL				160	—

(b) Other treatment.

		Number of cases treated	
		By the Authority	Otherwise
Miscellaneous minor ailment		544	—

DEFECTIVE VISION AND SQUINT.

	Number of cases dealt with	
	By the Authority	Otherwise
External and other, excluding errors of refraction and squint	39	—
Errors of refraction (including squint)	—	203
TOTAL	39	203

Number of pupils for whom spectacles were prescribed	—	240
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DISEASES AND DEFECTS OF EAR, NOSE AND THROAT.

	Number of cases treated	
	By the Authority	Otherwise
Received operative treatment :		
(a) for diseases of the ear	—	—
(b) for adenoids and chronic tonsillitis	—	63
(c) for other nose and throat conditions	—	—
Received other forms of treatment	56	—
TOTAL	56	63

ORTHOPAEDIC AND POSTURAL DEFECTS.

	Number of pupils treated	
	By the Authority	Otherwise
Number of Pupils known to have been treated at Clinics or at out-patients departments	—	15

SPEECH THERAPY.

	Number of pupils treated	
	By the Authority	Otherwise
Speech Therapy	72	—

**PUPILS FOUND AT PERIODIC MEDICAL INSPECTION
WHO HAVE UNDERGONE TONSILLECTOMY**

Periodic age group inspected	Number of pupils inspected		Number who have undergone tonsillectomy at any time		Percentage of those inspected found to have had tonsillectomy	
	Boys	Girls	Boys	Girls	Boys	Girls
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Entrants	374	349	10	16	2.67	4.58
Age 10 and 11 years	408	442	86	93	21.08	21.04
Leavers	234	254	62	57	26.50	22.44
Other Periodic Inspections						
5 yrs.	—	1	—	—	—	—
6 yrs.	1	—	—	—	—	—
7 yrs.	2	—	1	—	50.	—
8 yrs.	—	4	—	—	—	—
9 yrs.	5	2	1	—	20.	—
10 yrs.	2	4	1	1	50.	25.
11 yrs.	44	43	11	3	25.	6.98
12 yrs.	28	24	1	—	3.57	—
13 yrs.	8	3	4	—	50.	—
14 yrs.	2	4	—	—	—	—
15 yrs.	44	—	3	—	68.18	—
16 yrs.	118	—	43	—	36.44	—
17 yrs.	5	—	2	—	40.	—
18 yrs.	10	—	1	—	10.	—
TOTAL	1,285	1,130	226	170	17.59	15.04

DENTAL INSPECTIONS AND TREATMENT

Age Groups	No. inspected	No. found to require treatment	No. referred for treatment under Local Authority arrangements to County Council Clinics
Specials	1,043	1,013	981
Under 5	—	—	—
5 — 16+	4,398	2,833	2,613
TOTALS	5,441	3,846	3,594

Number of pupils actually treated	2,800
Number of attendances made for treatment	6,941
Number of half days devoted to (a) Inspections	42
(b) Treatment	951

Fillings :—

Permanent Teeth	4,779
Temporary Teeth	1,125
TOTAL	5,904

Number of teeth filled :—

Permanent Teeth	3,984
Temporary Teeth	1,042
TOTAL	5,026

Extractions :—

Permanent Teeth	371
Permanent Teeth for Orthodonture	127
Temporary Teeth	1,636
TOTAL	2,134

Anaesthetics :—

(a) General	....	....	....	....	....	....	....	897
(b) Local	....	....	....	....	....	....	....	492
(c) Regional	....	....	....	....	....	....	....	128
TOTAL								<u>1,517</u>

Other Operations :—

(a) Permanent Teeth	....	....	....	....	....	....	....	783
(b) Temporary Teeth	....	....	....	....	....	....	....	1,094
TOTAL								<u>1,877</u>

Number of impressions, etc. 50

Number of dentures fitted 15

Number of radiographs:—

(a) Dental Clinics 75

(b) Hospitals —

Number of appointments not kept 1,726

ORTHODONTIC EXAMINATION AND TREATMENT

Age Groups							No. of pupils selected for treatment
No. of pupils examined							
Age 5	....	....	....	....	....	3	2
" 6	....	....	....	....	....	2	2
" 7	....	....	....	....	....	17	17
" 8	....	....	....	....	....	38	38
" 9	....	....	....	....	....	30	30
" 10	....	....	....	....	....	34	34
" 11	....	....	....	....	....	29	29
" 12	....	....	....	....	....	16	15
" 13	....	....	....	....	....	16	16
" 14 +	....	....	....	....	....	19	19
TOTAL						<u>204</u>	<u>202</u>

Number of pupils commenced treatment (first attendance)	199
Number of attendances made for treatment	2,845
Number of impressions, etc.	2,766
Number of fixed appliances	10
Number of appliances removed	178
Number of pupils treatment completed	89

Number of radiographs :—

(a) at Dental Clinics	627
(b) at Hospitals	—
Number of Orthodontic sessions ($\frac{1}{2}$ day)	360

EMPLOYMENT OF CHILDREN AND YOUNG PERSONS

(1) Number of children medically examined in order to ascertain whether they were physically fit to undertake employment of a light nature outside school hours	135
(2) Number of instances in which the state of health was found to be such that certificates were withheld	—
(3) Number of children examined as to fitness to take part in entertainments	4
(4) Number of cases in which certificates to take part in entertainments were withheld	—

EDUCATION ACT, 1944 — SECTIONS 57 (3) AND 57 (5)

Cases notified under Section 57, Education Act, 1944 :

Sub-section 3	2
Sub-section 5	1

Cases de-notified under Section 8, Education (Miscellaneous Provisions) Act, 1948

—

INFESTATION WITH VERMIN

(i) Total number of examinations	22,617
(ii) Total number of pupils found to be infested	142
(iii) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (2), Education Act, 1944)	117
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944)	—

HANDICAPPED PUPILS.

Category	No. of new cases ascertained during the year		No. of Ascertained cases known last day of year		In Special day Schools		In Special Residential Schools		In maintained Primary & Secondary Schools		In Independent Schools		Not at School		TOTAL	
	B	G	B	G	B	G	B	G	B	G	B	G	B	G	B	G
Blind Pupils	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Partially-sighted Pupils...	—	—	5	4	—	1	—	—	5	3	—	—	—	—	5	4
Deaf Pupils	—	—	4	3	1	2	3	1	—	—	—	—	—	—	4	3
Partially Deaf Pupils ...	—	—	2	2	2	—	—	—	—	2	—	—	—	—	2	2
Delicate Pupils	—	4	14	11	1	4	4	2	8	5	1	—	—	—	14	11
Educationally Sub-normal Pupils ...	5	2	23	22	20	17	3	5	—	—	—	—	—	—	23	22
Epileptic Pupils	—	—	2	—	—	—	1	—	1	—	—	—	—	—	2	—
Maladjusted Pupils ...	3	1	15	9	—	—	13	2	5	5	7	2	—	—	15	9
Physically Handicapped Pupils ...	3	—	18	11	10	6	—	1	6	3	1	1	1	—	18	11
Pupils with Speech Defects	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Pupils with Multiple Defects	3	—	4	1	1	1	1	—	—	—	2	—	—	—	4	1
TOTAL	14	7	87	63	35	31	15	11	25	18	11	3	1	—	87	63

AVERAGE HEIGHTS AND WEIGHTS—INFANTS

School	Total No. Seen.	2 YEARS		3 YEARS		4 YEARS		5 YEARS		6 YEARS		7 YEARS							
		No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.			
BOYS																			
Acton Wells	16				4	40·13	36·94	10	40·83	39·	2	44·25	48·38						
Berrymede	55				1	41·	34·	32	41·13	39·96	19	42·3	40·11	1	48·	50·25	2	49·	54·
Derwentwater	55							25	43·24	41·62	25	44·69	45·04	3	46·17	46·08	2	49·75	54·13
East Acton	45				2	39·25	37·75	31	41·58	38·75	11	43·09	43·	1	45·5	46·			
John Perryn	27				12	39·29	36·5	10	41·3	37·55	5	40·9	39·5						
Priory	45	1	37·5	34·25	12	37·06	38·71	27	40·74	39·02	4	42·75	44·38				1	48·25	53·5
Roman Catholic	18										16	43·66	45·72	2	48·5	53·75			
Rothschild	37							25	42·41	40·15	11	43·89	42·75				1	42·75	38·
Southfield	33							22	42·19	41·51	6	44·25	44·16	5	47·4	48·7			
Special	1													1	42·5	38·5			
West Acton	44				8	39·78	36·34	28	41·72	39·3	5	42·65	42·1	2	46·88	45·75	1	49·	58·5
TOTAL	376	1	37·5	34·25	39	38·83	37·19	210	41·73	39·8	104	43·45	43·37	15	46·82	47·7	7	48·21	52·32
GIRLS																			
Acton Wells	10				3	39·42	34·75	5	40·	37·5	1	40·5	39·5	1	44·5	43·5			
Berrymede	59				1	41·5	42·	38	41·05	39·58	18	42·22	41·96	2	42·75	42·5			
Derwentwater	46							21	45·01	42·43	22	43·42	41·05	3	42·5	36·75			
East Acton	41							27	41·31	37·93	11	43·05	40·	2	48·25	52·38	1	51·	54·
John Perryn	22				4	39·75	36·88	15	41·2	38·2	3	42·83	39·17						
Priory	39				10	37·03	33·88	27	41·39	39·75	2	48·75	44·25						
Roman Catholic	19							1	41·5	40·	17	43·35	41·71	1	46·	42·			
Rothschild	31				1	40·25	36·	18	40·42	37·15	9	43·13	41·	3	46·09	49·92			
Southfield	46							24	41·03	39·28	18	43·69	42·75	3	46·5	48·	1	51·	59·5
Special	1										1	40·25	34·75						
West Acton	35				12	38·96	34·81	17	41·28	36·91	4	42·19	37·44	2	45·13	41·5			
TOTAL	349				31	38·6	35·04	193	41·51	39·02	106	43·17	41·28	17	45·18	44·84	2	51·	56·75

AVERAGE HEIGHTS AND WEIGHTS—LEAVERS.

SCHOOL	Total No. Seen	11 YEARS			12 YEARS			13 YEARS			14 YEARS			15 YEARS		
BOYS		No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.
The Elms ...	34	4	54.75	80.44	2	59.	80.13				11	64.5	120.68	17	63.91	110.65
Bromyard ...	83	3	73.33	99.08	2	75.75	91.	1	58.	91.5	74	63.69	114.95	3	63.5	114.83
Priory ...	127	11	57.36	81.	1	64.	133.5	3	61.	97.5	109	63.11	113.11	3	67.42	130.33
Roman Catholic	17							2	62.75	113.	13	62.62	109.15	2	58.	84.
Special ...	8				2	59.13	112.63	4	60.5	108.38	1	62.5	114.5	1	54.5	71.
Total	269	18	59.44	83.89	7	59.39	100.14	10	60.85	104.35	208	64.22	113.93	26	63.49	109.06
GIRLS																
The Elms ...	32	6	56.	76.42							24	64.	126.52	2	64.75	112.25
Bromyard ...	93	5	55.	78.1	4	59.31	83.88	1	63.	101.5	79	62.62	112.77	4	62.88	115.81
Priory ...	135	4	58.75	93.56	3	57.75	83.58				124	54.66	111.74	4	63.31	116.94
Roman Catholic	19				2	60.	93.	3	58.17	83.67	14	63.05	107.11			
Special ...	12				5	59.2	93.8	3	59.58	121.58	4	60.88	119.13			
Total	291	15	56.4	81.55	14	59.04	88.66	7	59.46	102.46	245	58.72	113.38	10	63.43	115.55

AVERAGE HEIGHTS AND WEIGHTS — INTERMEDIATES

School	Total No. Seen.	7 YEARS			8 YEARS			9 YEARS			10 YEARS			11 YEARS			
		No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	No. seen	Ht. ins.	Wt. lbs.	
BOYS																	
Acton Wells	42				1	50·	57·5	1	51·	56·	9	55·58	73·89	33	56·36	81·31	
Berrymede	69										26	55·65	75·41	41	55·32	78·73	
Derwentwater	54										24	57·73	71·2	30	56·39	75·88	
John Perryn	76										41	55·79	76·03	35	56·19	78·21	
Roman Catholic	28										9	55·11	70·94	19	55·26	76·76	
Rothschild	50							1	52·5	64·25	13	55·98	73·67	36	55·78	73·49	
Southfield	72				1	52·5	58·	3	54·33	67·17	24	56·06	79·48	44	56·58	80·77	
Special	3										2	55·63	81·5	1	57·5	79·	
TOTAL	394				2	51·25	57·75	5	53·3	64·35	148	56·08	71·08	239	56·03	78·23	
GIRLS																	
Acton Wells	41							1	56·5	67·25	12	55·98	82·4	28	56·91	79·75	
Berrymede	104							2	53·	57·5	45	55·33	81·56	57	55·36	83·24	
Derwentwater	65				2	49·	49·25	2	50·75	57·75	30	55·96	73·24	31	57·39	78·31	
John Perryn	95				1	48·25	52·				58	55·12	75·58	36	56·24	75·83	
Roman Catholic	18										6	55·08	78·17	12	55·92	77·13	
Rothschild	39							1	52·25	62·5	11	55·5	76·6	27	57·11	86·81	
Southfield	64							1	52·	68·	30	55·28	74·28	33	55·7	83·58	
Special	5				1	48·5	64·5				4	56·19	93·75				
TOTAL	431				4	48·69	53·75	7	52·61	61·18	196	55·46	77·02	224	56·27	81·08	

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