

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

Contributors

Acton (London, England). Borough Council.

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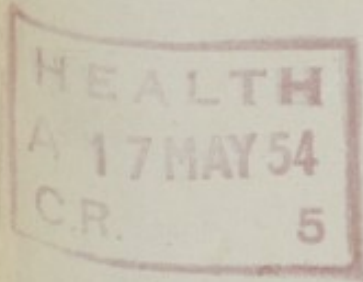
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BOROUGH OF ACTON



ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

TOGETHER WITH THE

REPORT ON THE MEDICAL
INSPECTION OF SCHOOLS

FOR THE YEAR 1952

BOROUGH OF ACTON



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ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1952

PUBLIC HEALTH DEPARTMENT,
TOWN HALL,
ACTON, W.3.

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

LADIES AND GENTLEMEN,

I submit the Annual Report of the health of the Borough of Acton for the year 1952.

One notes from the statistics of the Borough that the death rate of children under one year of age is 18.6 per 1,000 live births. This figure is extremely low, the figure for England and Wales being 27.6. For the last fifty years the infantile death rate has been falling; the reason may be that theoretical knowledge in medicine is being applied in a practical manner to maternal and child welfare matters, and to environmental hygiene.

The birth rate is 13.21 per 1,000 and the death rate is 10.08 per 1,000 of the population. The births outnumbered the deaths even in this time of increased longevity of the population.

There were no deaths attributable to infectious disease, but a child under two years died from gastro-enteritis.

I should like to take this opportunity of expressing to the staff of the Public Health Department my appreciation for 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.
MARGARET F. FRY, M.B., B.Ch., D.C.H.

Chief Sanitary Inspector

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

J. J. MATTHEWS, M. R. san. I. (a) (c) (d).

Deputy Chief Sanitary Inspector

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

Sanitary Inspectors

A. W. BUCHAN. (b)

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

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

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

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

D. A. PARKER. (b)

D. G. PATERSON, M.R.San.I., (b) (c) (d)

E. J. WEBBER. (b) (c)

Pupil Sanitary Inspector

J. D. SMITH

Clerical Staff

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

J. BURROWS, Senior Clerk.

MRS. D. ARMSTRONG.

MISS G. D. HOWES.

MRS. M. E. JONES.

MISS J. A. ROBERTSON.

* On leave to World Health Organisation from November, 1951.

‡ 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. 1952					
Home Population					68,190
Rateable Value at 31st March, 1952					£863,481
Product of a penny rate for year ending 31st March, 1952					£3,542
General Rate in the £ at 31st March, 1952					18/2
Number of Inhabited Houses at 31st March, 1952					17,790

VITAL STATISTICS

(Comparable figures for 1951 in brackets)

Live Births:

	TOTAL	MALES	FEMALES
Legitimate	916 (950)	482 (502)	434 (448)
Illegitimate	54 (59)	30 (27)	24 (32)
TOTALS	970 (1,009)	512 (539)	458 (480)

Birth rate per 1,000 estimated population—14.2 (14.7).

Corrected birth rate per 1,000 estimated population—13.21.

Still Births:

	TOTAL	MALES	FEMALES
Legitimate	22 (30)	9 (17)	13 (13)
Illegitimate	1 (—)	— (—)	1 (—)
TOTALS	23 (30)	9 (17)	14 (13)

Deaths:

744 (766)

Death rate per 1,000 inhabitants 10.08 (11.4).

Corrected death rate 10.08 (11.4).

Deaths from Puerperal Causes (Registrar General's short list for England and Wales, Headings 29 and 30):

	<i>Deaths</i>	<i>Rate per 1,000 Live & Still Births</i>
No. 29 Puerperal Sepsis	— (—)	— (—)
No. 30 Other Puerperal Causes	— (—)	— (—)

Death Rate of Infants under 1 year of age:

All infants per 1,000 live births (E. & W.—27.6) 18.6 (23.7)

Legitimate infants per 1,000 legitimate live births 17.5 (25.2)

Illegitimate infants per 1,000 illegitimate live births 37.03 (—)

Deaths:

Deaths from Cancer (all ages)			143	(144)
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	(2)
Death rate from Gastro-Enteritis (under 2 years of age) per 1,000 live births	.....	.....	1.0	(2.0)

AGES AT DEATH AND WARD DISTRIBUTION OF DEATHS IN 1952

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	57	—	—	—	—	—	—	9	48	5	3	5	8	18	3	7	8
Cancer	143	—	—	—	—	1	8	50	84	14	22	18	13	18	21	25	12
Cerebral Haemorrhage & Thrombosis	96	—	—	—	—	—	2	15	79	14	8	12	13	14	14	14	7
Circulatory Disease	174	—	—	—	—	—	4	37	133	21	26	21	23	20	22	21	20
Congenital Disease and Prematurity	12	12	—	—	—	—	—	—	—	—	1	3	1	3	4	—	—
Digestive Tract Disease	14	—	—	—	—	2	1	2	9	3	1	4	1	2	1	2	—
Gastro-Enteritis	1	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—
Gall Bladder Disease	2	—	—	—	—	—	—	2	—	—	—	—	—	—	1	1	—
Heart Disease	55	—	—	—	—	—	1	15	39	8	10	6	5	8	6	6	6
Infective Hepatitis	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—
Leukaemia & Blood Disease	7	—	—	—	—	—	—	3	4	1	1	1	1	—	1	1	1
Nephritis	22	—	—	—	—	—	2	4	16	—	4	7	3	2	2	2	2
Nervous Diseases	4	—	—	—	—	—	—	—	4	—	1	—	1	2	—	—	—
Peptic Ulcer	12	—	—	—	—	—	—	5	7	1	—	2	—	3	1	4	1
Pneumonia	43	1	1	—	—	—	2	5	34	3	3	5	3	7	8	13	1
Prostatic Enlargement	6	—	—	—	—	—	—	1	5	—	1	2	1	—	2	—	—
<i>Carried forward</i>	649	15	1	—	—	3	20	148	462	70	81	86	73	97	87	97	58

AGES AT DEATH AND WARD DISTRIBUTION OF DEATHS IN 1952—*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>	....	649	15	1	—	—	3	20	148	462	70	81	86	73	97	87	97	58
Pulmonary Tuberculosis	....	8	—	—	—	—	—	3	3	2	—	1	—	—	2	—	5	1
Other Respiratory Diseases	....	25	3	—	—	—	—	2	7	13	2	2	3	1	7	2	5	3
Sarcoma	....	4	—	—	—	—	—	—	2	2	—	—	—	—	1	2	—	1
Senility	....	33	—	—	—	—	—	—	—	33	4	5	5	4	1	6	5	3
Suicides	....	1	—	—	—	—	—	1	—	—	1	—	—	—	—	—	—	—
Violent Deaths	....	23	—	—	—	2	1	4	3	13	2	2	2	4	4	3	1	5
Ill Defined	....	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—
TOTALS	....	744	18	1	1	2	4	30	163	525	79	91	96	82	112	100	114	70

Cause of Death in Children under one year

10 MALES

8 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.
Prematurity	7	1	—	—	8	—	—	—	—	—
Congenital Deformities	1	—	1	—	2	—	—	—	—	—
Gastro-Enteritis	—	—	—	—	—	1	—	—	—	—
Broncho Pneumonia	—	—	—	—	—	—	1	—	—	1
Congenital Heart	1	—	—	—	1	—	—	—	—	—
Hydrops Foetalis	1	—	—	—	1	—	—	—	—	—
Infective Hepatitis	—	—	—	—	—	1	—	—	—	1
* Asphyxia	1	—	—	—	1	1	1	—	—	2
TOTALS	11	1	1	—	13	3	2	—	—	5

* The details of the deaths due to Asphyxia are as follows :—

Female aged 30 minutes—Breech delivery.

Male „ 4 weeks —Possibly pressure of bed clothes or regurgitated vomit.

Male „ 3 months —Turned on to face in cot.

Comparative figures of Infant Mortality in last Seven Years.

Year	Acton	England & Wales
1946	27.9	43
1947	33.8	41
1948	24.4	34
1949	23.0	32
1950	25.1	30
1951	23.7	30
1952	18.6	28

MATERNAL MORTALITY

There were no maternal deaths during the year.

INQUESTS

Suicides						1
Poisoning						2
Respiratory Disease						6
Accidental Falls						11
Road Accidents						11
						—
					TOTAL	31
						—

POST MORTEMS, WITHOUT INQUEST

Respiratory causes						18
Heart and Circulatory Disease						63
Cerebral Disease						3
Other Causes						19
						—
					TOTAL	103
						—

SECTION BGENERAL 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	383
Ear Swabs	3
Sputum	6
Faeces	128
Hair, Widal's, etc.	7
Blood	2
Methylene Blue Reductase Tests on Milk and Ice-Cream	154

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

No cases have been dealt with under Section 47 of the National Assistance Act, 1948, but in those cases which have come to our notice it has been possible, by co-operating with the local hospital, to arrange for the persons concerned to be admitted.

The Borough of Acton carried out its obligations under Section 50 of this Act, (i.e. the burial of bodies for which no other provision was made).

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 1,472 necessitating 27,259 visits.

MATERNITY AND CHILD WELFARE

The new Clinic in Cloister Road, North Acton, was ready to open in January 1952, and the Child Welfare Sessions hitherto held at St. Gabriel's Church Hall in Noel Road were transferred as from the beginning of the year.

The adaptation of the Cloister Road premises, formerly known as the North Acton Club, provided spacious treatment and reception rooms, and the popularity of the new clinic was soon felt in increased attendances.

In addition to the improved facilities for the Maternity and Child Welfare services, Dental and Orthodontic clinics were provided, with full equipment, and rooms for speech therapy and minor ailment treatment were also included in the lay-out of the buildings.

It became possible to arrange for separate clinic sessions for the two Health Visitors based on Cloister Road, and each district was given two sessions, one with, and one without a doctor in attendance.

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

Avenue Road	.....	4 sessions weekly	.....	22.8 (30.5)
Trinity Way	.....	2 sessions weekly	.....	33.7 (32.5)
Cloister Road	.....	4 sessions weekly	.....	29.0 (26.5)
Palmerston Road	.....	2 sessions weekly	.....	30.8 (30.0)
Steele Road	.....	2 sessions weekly	.....	28.4 (28.0)

HEALTH VISITING

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

To expectant mothers—First visits	294
Total visits	422
To children under one year of age—First visits	899
Total visits	3,438
To children between the age of one and five years Total visits	4,279

INFANT WELFARE CLINICS

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	842
Between the ages of one and five	84

Total number of children in attendance at the end of the year:

Under one year of age	835
Over one year	2,008

Total number of attendances at Centres during the year:

By children under one year of age	13,765
By children between one and five years	6,168

MIDWIFERY SERVICE

Domiciliary Midwifery was performed as in previous years by the Midwives of Queen Charlotte's Hospital.

During 1952, 272 women were recommended for admission to Central Middlesex County Hospital for their confinements and most of these were accepted.

ANTE-NATAL CLINICS

In last year's report it was stated that one Ante-Natal session at Avenue Road had been temporarily discontinued, but it was found possible to re-start this clinic at Cloister Road and Trinity Way on alternate Friday mornings. By the end of October we were seeing such large numbers at Cloister Road that a weekly clinic was a necessity, so it was arranged that Friday mornings should be given over completely to Cloister Road, and the dwindling clinic

at Avenue Road should share Thursday mornings alternately with Trinity Way.

Number of new Cases attending Clinics during year	638
Total number of attendances made	2,795
Average number attending per session	14

The arrangements made by women for their confinements are tabulated below:

	%
Confined in Central Middlesex County Hospital	48.1
Confined in Queen Charlotte's Hospital	23.0
Confined in other Hospitals	7.1
Confined in Nursing Homes	1.6
Confined at home (Queen Charlotte's Midwives attending)	20.2

EXERCISE CLASS FOR MOTHERS

The classes for expectant mothers were continued throughout the year, the total number of women attending in 1952 being 83 as against 61 in 1951. The number of attendances, however, showed a decrease, 565 as against 785 in 1951.

PREMATURITY

Emergency apparatus for this purpose were kept and maintained at the Fire Station, Gunnersbury Lane.

The total number of premature live infants born at home during 1952 was four. One of these was nursed entirely at home and survived the first month, one died at home within the first half hour. The remaining two were transferred to hospital and survived.

BIRTH CONTROL CLINIC

As in previous years, arrangements for this purpose with the North Kensington Women's Welfare Association were continued. One clinic weekly was held at the Palmerston Road Hall, South Acton, a nominal fee being paid to the County Council for the use of the premises.

Two new patients were referred for advice in 1952.

HOME HELP SCHEME

At the end of the year there were 5 Full-time Home Helps, and 50 Part-time Staff. The following Table shows the number of cases booked and those actually attended:—

Maternity:

Total number of cases booked	.....	.....	56
Number of cases attended	.....	.....	42
Tuberculosis cases attended	.....	.....	26
Other cases attended	.....	.....	347

DAY NURSERIES

During the latter part of the year, considerable changes took place in the administration of the Day Nursery scheme. The chief of these was the increase in the standard charge from 2/- to 9/- per day, based on a scale of assessment of the means of each family, the minimum charge remaining at 2/- per day.

Admission to the Nurseries was still governed by the list of priorities approved by the County Council and the Minister of Health, but applications for admission, assessment of charges, and appeals against assessments were now dealt with by the Joint Area Medical Officers, and the Day Nursery Panel was only concerned with appeals against refusal to admit and appeals after re-assessment. A six-monthly review of cases accommodated in the nurseries was also to be taken by the Panel, but this would not fall due until the Spring of 1953.

The new charges came into force on the 1st December, 1952, and a certain number of children were withdrawn by their parents.

The four Acton Day Nurseries continued to operate throughout the year, the accommodation remaining unchanged. The table given below shows accommodation, numbers on the registers at 31st December, and average attendance throughout the year.

	<i>Accom- modation</i>	<i>No. on Register at 31-12-52</i>	<i>Average Attendance</i>
Bollo Bridge Road	 35	27	27.8
Horn Lane	 60	43	40.7
Friars Place Lane	 45	29	32.1
" Longcot," Newton Grove	44	35	31.6

SECTION D

INFECTIOUS AND OTHER DISEASES, SCABIES AND OTHER CONDITIONS

DIPHTHERIA IMMUNISATION

Immunisation was carried out along the lines indicated in previous reports, the following routine being practised:—

- (1) A notice was sent to the parent of each 6 months old child.
- (2) All infant welfare attenders were approached.
- (3) All children admitted to Day Nurseries were given protection.
- (4) Health Visitors combed their districts for children who did not attend Welfare Centres, and urged their protection.
- (5) Head Teachers gave forms of consent to new school entrants.
- (6) Prior to school medical inspections, questionnaires were sent to each parent asking, inter alia, whether the child had been inoculated. If the answer was in the negative a form of consent was sent to the parent.

All immunised cases were followed up and, at the end of three years, each child was offered a boost dose. At the age of 11 years or over, this was preceded by a Schick test.

All children under 5 who had not had the disease, were inoculated against Whooping Cough at the same time as they were inoculated against Diphtheria, i.e. they had three doses of protective material at monthly intervals.

Owing to the fact that estimates of child population are no longer supplied by the Registrar General, it is not possible to give,

as in former years, the proportion of children immunised against Diphtheria, but the actual number at 31st December, is as follows:

Children under 5 years of age	2,899
Children 5 to 15 years of age	7,352

The figures of work carried out during 1952 are given below:

DIPHTHERIA IMMUNISATION, 1952

Total number of under 5's inoculated	724
Total number of over 5's inoculated	62
Boost Dose after 3 years	1,313
Schick Test after 3 years—Negative	306
Positive	25
Primary Schick Test —Negative	9
Positive	3

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR

Notifiable Disease	Cases notified in whole District at Ages — Years										Ward Distribution								Cases treated in Hospital
	At all Ages	Under 1	1 to 2	3 to 4	5 to 9	10 to 14	15 to 24	25 to 44	45 to 64	Over 64	North East	North West	South	South East	South West	East	West	Central	
Diphtheria	1	—	—	—	1	—	—	—	—	—	—	1	—	—	—	—	—	—	1
Scarlet Fever	168	—	12	35	106	8	5	2	—	—	27	15	14	9	20	33	32	18	54
Puerperal Pyrexia	8	—	—	—	—	—	2	6	—	—	1	1	1	—	2	2	1	—	1
Measles	609	25	132	141	299	7	1	3	1	—	159	19	46	42	47	125	88	83	5
Whooping Cough	65	8	15	24	16	1	1	—	—	—	16	3	6	4	5	19	9	3	3
Typhoid Fever	3	—	—	—	—	1	1	1	—	—	—	1	—	—	—	—	2	—	3
Food Poisoning	18	1	2	1	3	—	3	4	4	—	—	4	2	1	1	9	—	1	3
Dysentery	7	1	—	—	—	1	—	4	1	—	1	—	2	—	—	2	1	1	3
Pneumonia	31	1	—	—	1	—	3	8	13	5	5	2	6	4	5	4	—	5	4
Poliomyelitis (paralytic)	2	—	—	—	—	—	1	1	—	—	—	—	—	—	—	—	2	—	2
Poliomyelitis (non-paralytic)	1	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Encephalitis	1	—	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	—	1
Meningitis	1	—	—	—	—	—	1	—	—	—	—	—	1	—	—	—	—	—	—
Erysipelas	3	—	—	—	—	—	—	1	2	—	—	—	1	—	—	—	1	1	1
Tuberculosis (Pulmonary)	52	1	1	—	—	1	12	21	15	1	3	5	6	7	5	7	10	9	33
Tuberculosis (Non-Pul')	8	—	—	—	2	2	2	1	—	1	2	1	—	1	—	2	1	1	8
TOTALS	978	37	162	202	429	21	32	52	36	7	214	52	85	68	85	205	147	122	119

INFECTIOUS DISEASE

During the year there were 978 cases of infectious diseases notified, as compared with 1,430 during 1951. Of the total cases 609 were in respect of measles.

Diphtheria.

One case of Diphtheria occurred during the year in a girl aged 6 years who had not been immunized against the disease. The child recovered and was discharged from hospital after 9 weeks' treatment.

Scarlet Fever.

There were 168 cases of Scarlet Fever notified during the year, the highest number since 1937. Although the number of cases in recent years has remained quite high, the disease has been of a very mild character and there have been no deaths since 1934.

Acute Encephalitis.

A case of Acute Encephalitis following measles occurred during the year. The patient, a boy aged $5\frac{1}{2}$ years, developed encephalomyelitis two days after the measles rash appeared. He was in a stupor for fourteen days and showed cerebellar signs. The child recovered completely after nine weeks in hospital.

Poliomyelitis.

Of the three cases of Poliomyelitis notified, two had paralysis. There were no deaths from this disease.

Typhoid Fever.

During the year three cases of Typhoid were notified:—

A girl aged 10 years was admitted to hospital with suspected Cerebral Spinal Fever. Typhoid Fever was diagnosed and upon enquiries being made it was found that the patient had spent a holiday at West Mersea about one month before admission to

Hospital. Whilst on holiday she ate shrimps and drank the local water. I corresponded with the Medical Officer of Health of Colchester, and was subsequently informed by him that two cases had occurred in his area and investigation had shown that shellfish were involved. In each case cultures belonged to an untypeable V.I. strain. It can therefore be concluded with reasonable certainty that these cases came from the same source.

A woman aged 33 years was admitted to hospital after being bitten by a dog. A blood culture revealed B. Typhoid. She was transferred to an infectious disease hospital where two widal tests were taken, which proved negative. The patient subsequently discharged herself from hospital to an address outside the Borough.

A male aged 24 years developed Typhoid Fever after spending a holiday on the French Riviera. He regularly bathed near a sewer outlet.

Food Poisoning.

Eighteen cases of food poisoning were notified during the year, fourteen of which occurred during the September quarter. Eleven cases were associated with 3 minor outbreaks and the remainder were single cases. Salmonella organisms were the causative agent in 15 cases, the 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 —	—	1	—	—	—	—	—	—
5 —	1	—	2	2	—	—	—	—
15 —	7	5	—	2	—	—	—	—
25 —	5	6	—	1	1	—	—	—
35 —	6	3	—	1	—	2	—	—
45 —	7	1	—	—	2	—	—	—
55 —	5	2	—	—	2	—	—	—
65 upwards	1	—	—	1	—	1	—	—
	33	18	2	7	5	3	—	—

STATEMENT OF PARTICULARS APPEARING ON THE REGISTER
OF CASES OF TUBERCULOSIS—1952

	<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	536 males 373 females	81 males 91 females	1,081
(b) Number of cases notified for the first time during the year	33 males 18 females	2 males 7 females	60
(c) Number of cases previously removed from the Register which have been restored thereto during the year	— males — females	1 male 1 female	2
(d) Number of cases added to the Register other than by notification during the year	25 males 15 males	— males 4 females	44
(e) Number of cases removed from the Register during the year	31 males 18 females	4 males 2 females	55
(f) Number of cases remaining on the Register at the end of the year	564 males 389 females	80 males 99 females	1,132

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.

PERSONS TREATED FOR SCABIES

Month	Central	N.E.	N.W.	S.E.	S.W.	S.	W.	E.	Factory Workers	Total	No. of Families
January	—	—	—	—	—	—	—	1	1	2	1
February	—	—	—	—	—	—	—	—	—	—	—
March	—	—	—	—	—	—	—	—	—	—	—
April	—	—	—	—	4	—	—	—	—	4	2
May	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	—	—	—
July	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	—	—	—	—	—
September	—	—	—	—	1	—	—	—	—	1	1
October	2	—	—	—	—	—	—	—	—	2	1
November	—	—	—	—	1	—	—	—	—	1	1
December	1	—	—	—	—	—	—	—	—	1	—
TOTALS	3	—	—	—	6	—	—	1	1	11	6

PERSONS TREATED FOR DIRTY HEADS

January	—	—	—	—	—	—	—	1	—	1	1
February	—	—	—	—	—	—	—	—	4	4	—
March	—	—	—	—	—	—	—	—	2	2	—
April	—	—	—	—	—	—	1	—	—	1	1
May	—	—	—	—	—	—	—	—	—	—	—
June	—	—	—	—	—	—	—	—	1	1	—
July	—	—	—	—	—	—	—	—	—	—	—
August	—	—	—	—	—	—	1	—	2	3	1
September	—	—	—	—	—	—	2	—	3	5	1
October	—	—	—	1	—	—	—	—	8	9	1
November	—	—	—	—	—	—	—	—	—	—	—
December	—	—	—	—	—	—	—	—	1	1	—
TOTALS	—	—	—	1	—	—	4	1	21	27	5

PERSONS TREATED FOR BODY LICE

January	—	—	—	—	—	—	1	—	—	1	1
April	—	—	—	—	—	—	—	—	1	1	—
October	—	—	—	—	1	—	—	—	1	2	1
November	—	—	—	—	1	—	—	—	—	1	1
December	—	—	—	—	—	—	—	—	1	1	—
TOTALS	—	—	—	—	2	—	1	—	3	6	3

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.

Completed and occupied 31.12.52			250
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New Permanent Dwellings.(1) *Within the Borough:*

(a) Completed and occupied 31.12.52			698
(b) Contracts let or under construction 31.12.52	.....	.....	144
(c) Schemes in preparation	.....	.....	138

(2) *Outside the Borough:*

Completed and occupied 31.12.52			435
---------------------------------	-------	-------	-----

1,665

Rebuilt War Destroyed Dwellings.(1) *By the Council:*

Completed and occupied 31.12.52:—

Council Houses	.....	.....	8
Private Houses			36
		—	44

(2) *Under Private Licence:*

Completed and occupied 31.12.52		230	230
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274

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 66 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 on submission to bacteriological and chemical examinations have proved satisfactory.

In the course of the year a total of 21 samples of water were submitted to the Council's analyst or pathologist for examination as to chemical or bacteriological content.

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 1952 was 15,262 tons and trade refuse collected amounted to 2,190 tons. All was removed to controlled shoots. In addition to the foregoing, 2,344 tons of salvage were sold.

RODENT CONTROL

Test baiting of public sewers and treatment as necessary have been continued in accordance with the recommendation of the Ministry of Agriculture and Fisheries. The services of the Council's Rodent Destruction staff have been divided as occasion has demanded between destruction of newly discovered rats and mice by intensive treatment, and the regular visiting, examination and treatment of business premises.

There is no serious infestation of rats or mice in the Borough, and there can be no doubt that this is largely due to the Council's policy and practice of maintenance treatment in business premises, particularly those where food for human consumption is manufactured or stored.

Investigation, destruction and maintenance have entailed a total of 3,228 visits by the Rodent Operatives, 1,889 to business premises and 1,339 to dwellings, in addition to inspections by the Sanitary Inspectors as noted elsewhere.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

Under the above Act, fifteen premises are registered for the manufacture of articles of upholstery, toys, etc., and two 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 so as to be maintained in hygienic condition.

COMPLAINTS

The number of complaints registered at the counter was 1,463.

INSPECTION OF FACTORIES

The number of factories in the Borough has lessened to 646, and these have been subject to inspection by the Sanitary 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 main-

tained, and advice given as necessary as to fitness or otherwise of food for human consumption.

The home addresses of 91 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 Sanitary Inspectors).

Premises	Number on Register	Number of Inspections	Number of Written Notices	Occupiers Prosecuted
Factories without mechanical power	37	12	—	—
Factories with mechanical power	606	146	4	—
Other premises under the Act (including works of building and engineering construction but not including outworkers' premises)	3	2	—	—
TOTAL	646	160	4	—

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.)	1	1	—	—	—
Conveniences (S.7.)					
(a) Insufficient	1	1	—	—	—
(b) Unsuitable or defective	7	5	—	5	—
TOTAL	9	7	—	5	—

PART VIII OF THE ACT

OUTWORK—(Section 110)

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

Wearing Apparel—Making, etc.	....	....	....	....	1
Stuffed Toys	....	....	....	....	47
				TOTAL	48

SANITARY INSPECTION OF THE AREA

The following table includes the tabular statements by the Chief Sanitary 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 Sanitary Inspectors:

Number of Inspections made and Action taken:—

Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	.....	2,421
(1) Dealt with by service of informal notice	.....	976
(2) Dealt with by service of Statutory Notice under Section 9 Housing Act, 1936	.....	484
(3) Dealt with by service of Statutory Notice under Public Health Acts	.....	75
(4) No defects found	.....	142
Premises (other than defective dwelling houses) inspected for nuisances and miscellaneous defects	.....	3,139
(1) Dealt with by service of informal notice	.....	57
(2) Dealt with by service of Statutory Notice under Public Health Acts, etc.	.....	—
Reinspections subsequent to service of Notice	.....	12,681
Inspections after notifications of Infectious Disease	.....	160
Premises inspected under Prevention of Damage by Pests Act, 1949 and Infestation Order, 1943	.....	300

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 69 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 Sanitary Inspectors.

Sanitary dustbins provided	56
Yards paved or yard paving repaired	57
Insanitary forecourts remedied	5
Defective drains repaired or reconstructed	112
Defective soil pipes and ventilating shafts repaired or renewed	34
Defective fresh air inlets repaired or renewed	27
Defective gullies removed and replaced by new	14
Rainwater downpipes disconnected from drain	1
Dishings or curbs to gully repaired or new gratings fixed	18
Defective W.C. pans and traps removed and replaced by new	56
Defective W.C. flushing apparatus repaired or new fixed	63
Defective W.C. seats repaired or new fixed	72
Defective flush pipe connections repaired	52
Insanitary sinks removed or new fixed	38
Sink waste pipes repaired or trapped	47
Insanitary wall surface over sinks remedied	25
Ventilated food cupboards provided	8
Drinking water cisterns cleansed	5
Defective covers to drinking water cisterns repaired or new fixed	8
Insanitary sites beneath floors concreted	1
Spaces beneath floors ventilated	52
Dampness in walls from defective damp proof cours- ing remedied	289
Dampness from defective roof, rainwater gutterings, etc., remedied	1,926
Defective plastering repaired (number of rooms)	1,878
Rooms where dirty walls and ceiling have been cleansed and redecorated	1,847

Defective floors repaired	284
Defective or dangerous stairs repaired	69
Defective doors and windows repaired	2,131
Defective kitchen ranges and firegrates repaired	401
Defective washing coppers repaired	6
Coal cupboards provided or repaired	3
Accumulations of offensive matter removed	17
Drains unstopped and cleansed	57
Drains tested, exposed for examination, etc.	222
Smoke observations and inspections made	75
Smoke nuisance abated on service of notice	12
Miscellaneous nuisances abated	77
New W.C. apartments	—
Verminous rooms disinfested	125

RENT RESTRICTIONS ACT

Certificates granted to occupiers	—
Certificates granted to owners	—

PREMISES UNDER PERIODICAL INSPECTION

Factories and Workshops	646
Piggeries	2
Rag Dealers	4
Mews	4
Public House Urinals	34
Hairdressers	44

School Buildings:—

Grammar 1; Primary and Secondary 11; Technical 2; Special 1; Private 3; Total	18
Butchers' Shops	35
Fish Shops	24
Fish and Chip Shops	16
Greengrocers' Shops	89
Premises where food is manufactured or prepared	45
Grocery and Provision Shops	154

Dairies	9
Milk Shops	47
Bakehouses	20
Slaughterhouses	2
Restaurants, Cafes, etc.	129
Industrial Canteens	203
Premises where ice-cream is manufactured	6
Premises where ice-cream is sold	118
Horseflesh (human consumption) shops	2

SECTION G

INSPECTION AND SUPERVISION OF FOOD

FOOD INSPECTION

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.

Under the direction of the various Departments of the Ministry of Food, much inferior food material is received into the Borough for manufacturing purposes subject to control by the Local Authority, and the Sanitary Inspectors carry out necessary examinations to ensure that only sound material is used; this accounts generally for the bulk surrenders of meat.

Two large wholesale grocery Depots are 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	256 lbs.
Bakers Sundries	19 cwts. 2 qrs. 3 lbs.
" "	48 packets
Cereals	44 packets
" "	128 cwts. 78 lbs.
Cheese, processed	19 boxes
Confectionery Sundries	19 cwts 60 lbs.
Confectionery	1 lb.
Eggs, shelled	2 cwts.

Fish, wet	.....	.....	2 cwts. 2 qrs. 1st. 6 lbs.
„ tinned	.....	.....	1,770 tins
Fruit, tinned	.....	.....	19,874 tins
„ dried	.....	.....	3,384 lbs.
Ham, tinned	.....	.....	2,946½ lbs

Meat:—

Fresh	.....	.....	2,486 lbs.
Tinned	.....	.....	3,648 tins
Corned beef and mutton	.....	.....	554 tins
Offal	.....	.....	2 lbs.
Rabbits, tinned	.....	.....	2 tins
„ fresh	.....	.....	50 lbs.
Sausages	.....	.....	16½ lbs.

Milk:—

Condensed	.....	.....	1,333 tins
Dried	.....	.....	1 cwt.
Pastes, Pickles, etc.	.....	.....	637 jars

Poultry:—

Chickens, tinned	.....	.....	3
Turkeys	.....	.....	3
Preserves	.....	.....	1,097 tins
Puddings, sweet and savoury	.....	.....	12 tins
Sugar	.....	.....	177 lbs.
Tea	.....	.....	½ lb.
Vegetables	.....	.....	6,157 tins

FOOD COMPLAINTS

There were 36 complaints as to unsound food, etc, and in three cases the Council instituted legal proceedings.

A firm of bakers pleaded guilty to selling a loaf containing a cigarette end. A fine of £5 was imposed and three guineas costs were awarded to the Council.

A dairy firm pleaded guilty to selling partially baked rolls in a mouldy condition. The firm was fined £20 and ten guineas costs were awarded to the Council.

A firm of bakers pleaded guilty to selling a cake containing a nail. A fine of £35 was imposed and the Council were awarded five guineas costs.

MILK

The number of dairies in the Borough has been reduced to nine on account of greater wholesale distribution of milk in bottles from large bottling depots to local depots, for delivery by roundsmen, or over the counter in milk shops.

Of 43 samples taken throughout the Borough and submitted to the Pathological Laboratory of the Ministry of Health, there was only one failure in respect of the methylene blue test, while all phosphatase tests were satisfactory.

The wholesale, pasteurising and bottling centre in Bollo Lane has continued in operation without cause for complaint, and 18 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) (Pasteurised and Sterilised Milk) Regulations 1949 and 1950, and the Milk (Special Designation (Raw Milk) Regulations 1949 and 1950.

Dealers Licences:—

Tuberculin Tested Milk	.....	.....	.....	20
Pasteurised Milk	.....	.....	.....	29
Sterilised Milk	.....	.....	.....	28

Supplementary Licences:—

Tuberculin Tested Milk	.....	.....	.....	12
Pasteurised Milk	.....	.....	.....	13
Sterilised Milk	.....	.....	.....	13

115

ICE-CREAM

The number of manufacturers of ice-cream in the Borough is now 6, while there are 112 premises where ice-cream is not manufactured, but where the commodity is sold in the main from pre-packed stocks. During the year 109 samples were taken, 55 of ice-cream manufactured in the Borough, and 54 from shops or itinerant vendors trading in ice-cream manufactured outside the Borough.

The grading of samples noted below and expressed in percentages indicates the very good standard maintained of ice-creams manufactured in the Borough.

Grade I	.....	.....	.....	89.2%
Grade II.	.....	.....	.....	5.4%
Grade III.	.....	.....	.....	5.4%
Grade IV.	.....	.....	.....	—

Premises, plant, processing and storage conditions are well and satisfactorily maintained.

SYNTHETIC CREAM

Two samples of synthetic cream were taken from a bakery following a complaint from another local authority that cream in a Chocolate Eclair contained B Coli, Faecal Type. These samples were satisfactory.

FOOD AND DRUGS ACT, 1938

The Middlesex County Council are the sampling authority in this area, and the Chief Officer of the Public Control Department has supplied the figures appended below of samples taken during the year:—

<i>Article</i>	<i>Total samples procured</i>	<i>Unsatisfactory</i>
Milk	334	32
Beans (Canned)	1	—
Cakes (Various)	8	—
Camphorated Oil	9	—
Cherries (Tinned)	1	—
Condensed Milk	2	—
Coffee and Chicory Essence	1	—
Cooked Meats	27	—
Drugs	5	—
Fish (Various)	14	—
Fish Cake	1	—
Gin	2	—
Jelly	1	—
Meat Paste	1	—
Meat Pie	9	—
Ice Cream	2	—
Sausages	45	1

SUCK MY
COCK! 36

Sausage Meat	.....	.....	20	—
Sherry	.....	.....	1	—
Tomato Ketchup	.....	.....	1	—
Tripe	.....	.....	1	—
Vinegar	.....	.....	13	4
Whisky	.....	.....	10	—
			509	37

**TOTAL NUMBER OF CARCASSES INSPECTED
WITH DETAILS OF SURRENDER ON ACCOUNT OF DISEASE**

				Pigs	Horses
1. Number killed	....	....	....	143,846	4,160
2. Number dead on arrival or died in pens	....			34	—
3. Number inspected	....	....	....	143,880	4,160
4. All diseases except T.B.:—					
(a) Whole carcasses condemned	....	....		50	1
(b) Carcasses of which some part or organ was condemned	....	....	....	21,214	744
(c) Percentage of number inspected affected with disease other than T.B.	....			14.78%	17.9%
5. T.B. only :—					
(a) Whole carcasses condemned	....	....		170	—
(b) Carcasses of which some part or organ was condemned	....	....	....	3,489	—
(c) Percentage of number inspected affected with T.B.	....	....	....	2.54%	—

The total weight of meat and offal surrendered were :—

PORK

					Tons	Cwt.	Qrs.	Lbs.
220 CARCASSES	....	....	....		13	0	1	13
24,697 PARTS	....	....	....		50	9	3	22
					63	10	1	7

HORSEFLESH

					Tons	Cwt.	Qrs.	Lbs.
1 CARCASE	....	....	....	....	—	3	3	—
744 PARTS	....	....	....	....	4	14	1	25
					4	18	0	25

NUMBER OF PIGS' CARCASSES INSPECTED DURING 1952 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 Mesenter- ies, Stomachs & Intestines
January	14,001	14	210	1	1	—	66	1	—	1	137 lbs.	2,049	1,540 lbs.
February	12,232	14	164	—	—	—	52	1	1	2	42 lbs.	1,982	980 lbs.
March	10,507	13	166	—	—	—	45	—	—	—	25 lbs.	1,600	1,810 lbs.
April	12,049	22	222	2	—	—	76	6	—	2	111 lbs.	1,880	1,900 lbs.
May	12,595	16	205	8	—	—	48	2	—	7	102 lbs.	1,901	2,120 lbs.
June	13,836	29	301	8	1	—	38	6	3	3	206 lbs.	2,082	1,360 lbs.
July	12,497	20	164	1	1	—	38	6	1	5	61 lbs.	1,882	810 lbs.
August	9,914	8	84	—	—	—	29	1	—	2	107 lbs.	1,328	1,920 lbs.
September .	10,545	25	175	—	—	—	34	2	—	5	55 lbs.	1,596	340 lbs.
October	12,330	19	198	—	—	—	52	4	—	1	88 lbs.	1,452	1,170 lbs.
November	11,229	20	157	1	—	—	42	4	—	1	73 lbs.	1,353	1,860 lbs.
December	12,145	20	153	—	—	—	29	1	2	2	44 lbs.	1,417	1,160 lbs.
TOTALS	143,880	220	2,199	21	3	—	549	34	7	31	1,051 lbs.	20,522	16,970 lbs.

DISEASES OF ANIMALS

During the year the Borough was free from any cases of notifiable disease although it was greatly involved in outbreaks occurring outside the district.

Within the last two months of 1951, because of numerous outbreaks of Foot and Mouth Disease in the country, the Ministry of Agriculture and Fisheries made a large controlled area under the Foot and Mouth Disease (Controlled Area Restrictions) General Order of 1938 which included Acton. This area was still in being on January 1st and during the whole of the year the Borough was included in one Infected Area and four Controlled Areas which lasted altogether for 134 days. The longest and last inclusion extended from June 2nd to August 10th.

In the period up to May 7th, all movements of pigs within or into Controlled Areas — except those from collecting centres or markets — had to be licensed by the Acton Local Authority, and this involved the checking of the applications to ensure that the proposed movement was permissible. Owing to the considerable numbers of infected areas within the controlled area, this was rather a complicated procedure and entailed the completing and issuing of over 2,000 licences.

After May 7th, the regulations were varied and it was then possible for Movement Licences to be issued either at the sending or receiving end. This relieved the pressure on the office and only some 122 Controlled Area Movement Licences were issued locally. However, during the inclusion of the borough in a Foot and Mouth Infected Area from 15th June to 27th June, the licensing procedure reverted to normal and over 800 licences were issued.

For the whole of the periods during which the borough was included in the various areas, two additional inspectors were detailed for duty at the slaughterhouse for the purposes of ante-mortem inspection, receiving and examining licences and supervising the cleansing and disinfecting of vehicles.

During the year, a total of 5,135 licences involving the movement of 52,304 pigs were received. These animals were carried in some 1,700 vehicles which were cleansed and disinfected before leaving the slaughterhouse.

These duties entailed the working of a considerable amount of unavoidable overtime by the inspectorial staff—some 750 hours—as the movement of animals took place almost every day and all day often up to 10 p.m.

SECTION H

ATMOSPHERIC POLLUTION

The seven lead peroxide and three deposit gauge stations, established last year, continued in operation throughout the year and give, for the first time, pollution figures for a complete year.

ESTIMATION OF ATMOSPHERIC SULPHUR BY THE LEAD PEROXIDE METHOD

The table on page 40 gives the monthly figures for each station in the Borough for the years 1951 and 1952. The station giving the highest average monthly figure was again Bashley Road—2.10, but the highest month's reading was given by the Town Hall station—4.24. Again, the lowest average figure was obtained at Acacia Road—1.69, and the lowest month's figure at Kendal Avenue—0.56.

It will be noted that the amount of sulphur pollution increased throughout the whole of the borough when comparing the average figures with those of the previous year. The figures for the last two months of the year showing a very marked increase over those for 1950.

The monthly average figure for all stations is given in the form of a graph on page 41.

DEPOSIT GAUGES

The monthly figures for the deposit of atmospheric solids is given on page 42. The highest average monthly deposit—27.02 tons/square mile—and the highest month's deposit—36.85 tons—were again obtained at Bashley Road, and the lowest average monthly deposit—15.01 tons and lowest month's deposit—7.82 tons—as last year, were at Kendal Avenue.

As the deposit gauges were not installed until August 1951, it is only possible to compare the results for the last five months of each year. This comparison shows a slight increase in total deposit at the Town Hall and slight reductions at the other two stations.

The percentage of combustible material in the solids deposited during this five months period was 18%, an improvement of some 3% over the figure for 1951. However, the figure for the whole year was 20%.

The average monthly deposit over the year for the three stations is given in the form of a graph on page 41.

As the deposit gauges act as rain gauges, it might be of interest to note the average monthly rainfall, and these figures are given in the table on page 42.

ESTIMATION OF ATMOSPHERIC SULPHUR BY LEAD PEROXIDE INSTRUMENTS

Weight of SO₂ in Milligrams per 100 Square Centimetres per day.

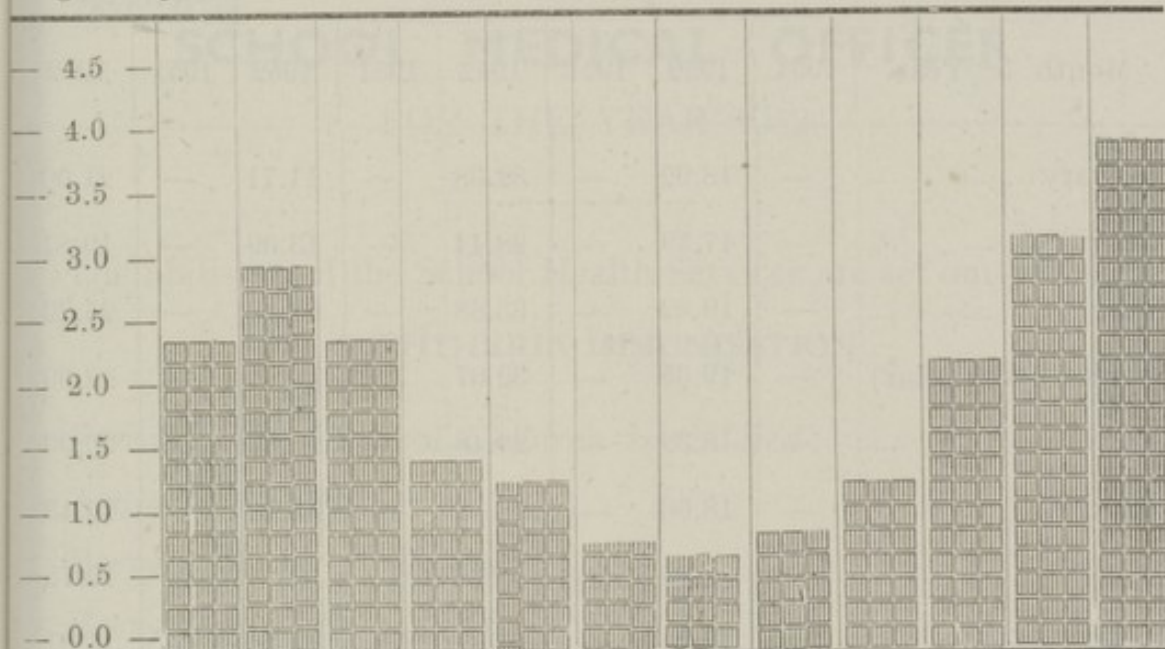
Station	Town Hall		Canham Road		Wells Hse. Road		Bashley Road		Wesley Road		Kendal Avenue		Acacia Road		Borough Average		
Month & Year	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	1951	1952	
January		—	2.60	—	2.52	—	2.43	—	2.88	—	2.49	—	1.90	—	2.00	—	2.40
February		2.66	3.03	2.72	3.11	2.20	2.45	2.86	3.07	2.24	2.68	1.56	2.59	1.90	2.75	2.31	2.81
March		2.02	2.41	2.18	2.41	1.81	2.22	2.11	2.44	2.28	2.66	1.87	2.47	1.72	2.20	1.99	2.40
Winter (Nov.Mar.)		—	2.61	—	2.57	—	2.37	—	2.75	—	2.52	—	2.21	—	2.20	—	2.46
April		1.65	1.60	1.61	1.63	1.72	1.38	1.77	1.50	1.54	1.42	1.48	1.34	1.30	1.26	1.58	1.45
May		1.48	1.16	1.57	1.27	1.45	1.16	1.72	1.30	1.79	1.10	1.51	1.14	1.27	1.13	1.54	1.18
June		0.96	0.81	0.87	0.68	0.90	0.82	1.07	1.01	1.09	0.64	0.80	0.56	0.85	0.59	0.93	0.73
July		0.89	0.68	0.71	0.70	0.83	0.69	0.92	0.77	0.82	0.69	0.60	0.58	0.62	0.69	0.77	0.68
August		0.77	1.01	0.44	0.73	0.63	1.01	0.88	1.11	0.58	0.81	0.35	0.73	0.42	0.67	0.58	0.87
September		1.18	1.34	0.86	1.35	1.05	1.28	1.32	1.45	1.20	1.05	0.94	1.14	0.81	1.05	1.08	1.24
Summer (May-Sep)		1.06	1.00	0.89	0.95	0.97	0.99	1.18	1.13	1.10	0.86	0.84	0.83	0.79	0.83	0.97	0.94
October		2.07	2.30	2.53	2.13	2.20	2.11	2.28	2.76	2.00	2.27	2.34	1.91	1.75	1.72	2.17	2.17
November		2.13	3.06	2.20	3.39	2.23	3.18	2.41	3.00	2.22	2.97	1.75	3.17	1.85	2.71	2.11	3.07
December		2.88	4.24	2.26	4.17	2.51	3.57	2.93	3.92	2.57	3.60	2.36	3.70	2.20	3.50	2.58	3.81
Monthly Average		1.69	2.02	1.66	2.01	1.59	1.86	1.84	2.10	1.66	1.86	1.41	1.77	1.34	1.69	1.60	1.90

SULPHUR EMISSION

Amount of SO_2 in Milligrams per 100 Square Centimetres per day

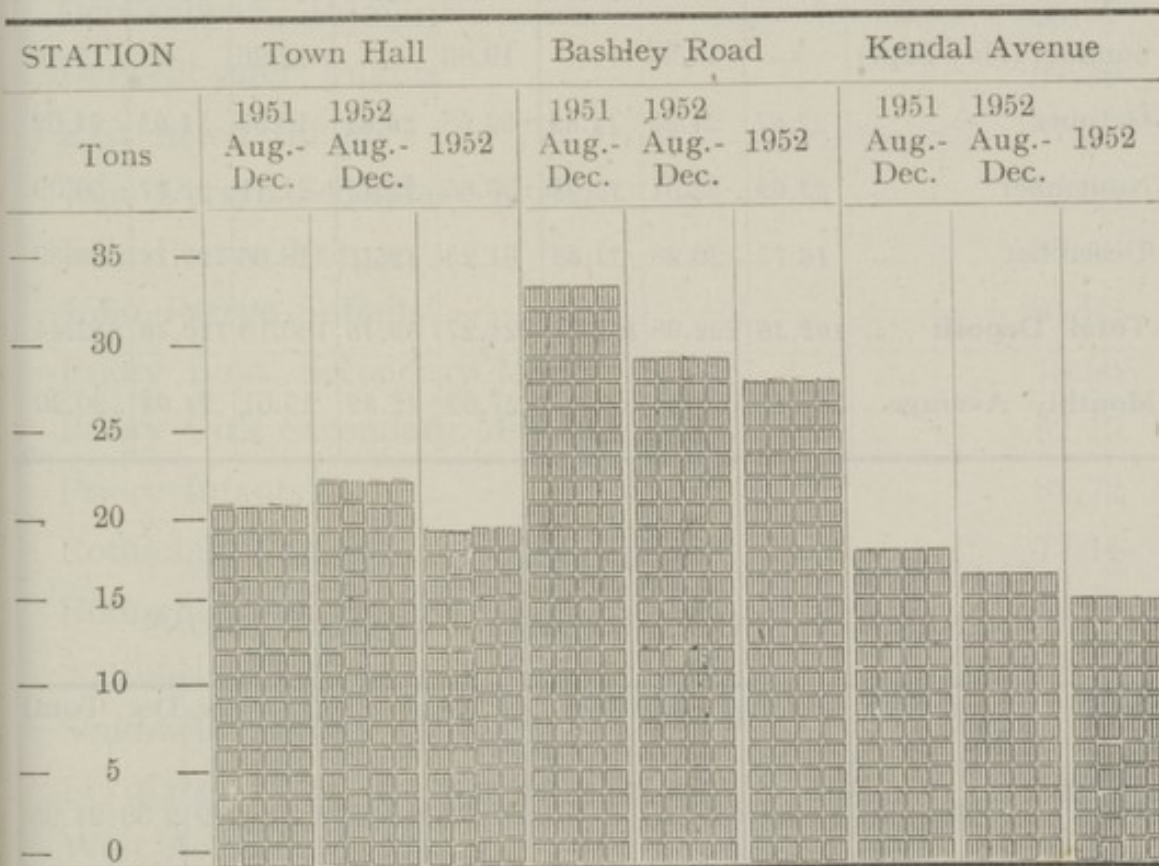
MONTHLY AVERAGE FOR ALL STATIONS

Mgms. Jan. Feb. Mar. Apr. May Jun. Jul. Aug. Sep. Oct. Nov. Dec.



SOLID DEPOSIT

AVERAGE MONTHLY DEPOSIT IN TONS PER SQUARE MILE



DEPOSIT GAUGES
MONTHLY DEPOSIT IN TONS PER SQUARE MILE

Station	Town Hall		Bashley Rd.		Kendal Ave.		Borough Average	
Month & Year	1951	1952	1951	1952	1951	1952	1951	1952
January	—	18.92	—	32.38	—	11.71	—	21.00
February	—	17.59	—	28.44	—	13.39	—	19.81
March	—	19.82	—	33.88	—	22.18	—	25.29
Winter (Nov.-Mar)	—	19.35	—	32.07	—	16.65	—	22.69
April	—	18.39	—	29.48	—	14.83	—	20.90
May	—	18.66	—	23.01	—	15.71	—	19.13
June	—	12.19	—	15.34	—	10.53	—	12.75
July	—	10.34	—	14.87	—	7.82	—	11.01
August	16.47	14.15	29.11	18.98	16.88	12.01	20.82	15.05
September	17.56	15.90	29.98	27.11	16.00	15.20	21.18	19.40
Summer (May-Sep.)	—	14.25	—	19.86	—	12.26	—	15.46
October	27.87	24.23	44.65	32.68	20.64	16.95	31.05	24.62
November	23.69	32.31	33.98	36.85	23.83	21.11	27.17	30.09
December	16.77	20.28	31.65	31.25	12.11	18.66	20.18	23.39
Total Deposit	102.36	222.98	169.37	324.27	89.46	180.10	120.40	242.44
Monthly Average	20.47	18.55	33.87	27.02	17.89	15.01	24.08	20.20

RAINFALL
AVERAGE OF THREE DEPOSIT GAUGE STATIONS

Month	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Amount Inches	1.65	0.78	2.42	1.43	1.59	1.65	0.30	3.69	2.81	2.36	3.89	2.38	24.95

ANNUAL REPORT

OF THE

SCHOOL MEDICAL OFFICER

FOR THE YEAR 1952

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

DIPHTHERIA IMMUNISATION

Percentages of School Children Inoculated :

Acton Wells Primary	88.00
Berrymede Boys' Primary	72.42
Berrymede Girls' Primary	73.05
Berrymede Infants'	65.47
Acton Central Secondary	90.93
Derwentwater Primary	85.77
Derwentwater Infants'	87.26
East Acton Infants'	87.50
John Perryn Secondary Modern	82.16
John Perryn Primary	87.50
John Perryn Infants'	85.92
Priory Boys' Secondary Modern	78.86
Priory Girls Secondary Modern	82.19
Priory Infants'	81.72
Rothschild Primary	77.11
Rothschild Infants'	84.72
Southfield Primary	88.02
Southfield Infants'	89.44
St. Marys R. C. Turnham Green	84.19
West Acton	91.69

REPORT OF THE SCHOOL OCULIST

Attendances have been well maintained. 432 children were examined and referred for refraction, and 279 were ordered glasses. Of these 268 pairs were obtained. 6 children were referred for Easy Treatment in school.

3 children were referred to hospital for orthoptic treatment and a squint case for operation.

DENTAL REPORT—MATERNITY AND CHILD WELFARE

	Expectant Mothers	Nursing Mothers	Children under 5
Number examined by Dental Officer	110	25	290
Number needing treatment	108	24	261
Number of cases made dentally fit	58	30	231
<i>Forms of dental treatment provided:—</i>			
Teeth extracted	148	36	325
<i>Anaesthetics:—</i>			
(a) Local	5	1	4
(b) General	51	11	133
No. of fillings	160	26	105
Scalings or scaling and gum treatment	79	12	—
Silver nitrate treatment	—	—	312
Dressings	28	125	62
Radiographs	—	—	—
Other operations	6	5	—
Denture Dressings	46	54	—
<i>Dentures provided:—</i>			
(a) full	2	4	—
(b) partial	5	22	—
Number of attendances	275	109	351
Number of appointments not kept	56	11	27

SPEECH THERAPY REPORT

Number of sessions:—

Cloister Road	.....	.....	.....	.....	85
Avenue Road	.....	.....	.....	.....	138
Total					223

Number of cases treated:—

Cloister Road	.....	.....	.....	.....	26
Avenue Road	.....	.....	.....	.....	36
Total					62

Total attendances:—

Cloister Road	.....	.....	.....	.....	365
Avenue Road	.....	.....	.....	.....	615
Total					980

On waiting list:—

Cloister Road	.....	.....	.....	.....	6
Avenue Road	.....	.....	.....	.....	11
Total					17

At the two centres:—

1st appointments made	.....	.....	.....	.....	58
1st appointments kept	.....	.....	.....	.....	48
Follow up appointments made	.....	.....	.....	.....	75
Follow up appointments kept	.....	.....	.....	.....	48

SPECIAL SCHOOL

The School for Educationally Sub-normal Children was open for the whole of 1952 and at the end of the year 40 Children were on the roll. During the year 8 new cases were admitted.

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	25
Berrymede	81
Derwentwater	25
East Acton	141
John Perryn	100
Priory	35
Roman Catholic	5
Rothschild	47
Southfield	18
West Acton	26
Other Schools	16
TOTAL	519

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			
1,117	691	485	2,293	293	414	2,413

Classification of the General Condition of Pupils

Age Groups	Number of Pupils inspected	A. (Good)		B. (Fair)		C. (Poor)	
		No.	% of col. 2	No.	% of col. 2	No.	% of col. 2
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Entrants	1,117	726	65.	364	32.59	27	2.41
Second age group	691	449	64.98	230	33.29	12	1.73
Third age group	485	357	73.61	122	25.15	6	1.24
Other Periodic Inspections	293	186	63.48	104	35.49	3	1.03
TOTAL	2,586	1,718	66.41	820	31.72	48	1.87

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	10	8	17	—
Eyes— <i>a.</i> Vision	152	146	29	—
<i>b.</i> Squint	49	16	13	1
<i>c.</i> Other	5	7	17	—
Ears— <i>a.</i> Hearing	8	1	1	—
<i>b.</i> Otitis Media	7	2	4	—
<i>c.</i> Other	2	—	1	1
Nose and Throat	75	114	9	8
Speech	4	1	6	—
Cervical glands	—	17	—	—
Heart and Circulation	—	37	—	10
Lungs	1	46	—	4
Developmental—				
<i>a.</i> Hernia	—	3	—	—
<i>b.</i> Other	—	3	—	—
Orthopaedic—				
<i>a.</i> Posture	9	34	3	9
<i>b.</i> Flat foot	2	21	1	—
<i>c.</i> Other	18	47	5	7
Nervous system—				
<i>a.</i> Epilepsy	—	—	—	—
<i>b.</i> Other	5	6	—	—
Psychological—				
<i>a.</i> Development	—	—	—	—
<i>b.</i> Stability	1	10	3	1
Other	39	166	29	12

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	10	207	200
2nd Age Group	82	65	144
3rd Age Group	39	39	76
Total (prescribed group)	131	311	420
Other periodic inspections	31	4	35
TOTALS	162	315	455

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	—	—
Scabies	2	—
Impetigo	21	—
Other skin diseases	135	—
TOTAL	158	—

(b) Other treatment.

Number of cases treated

	By the Authority	Otherwise
Miscellaneous minor ailments	789	—

DEFECTIVE VISION AND SQUINT.

					Number of cases dealt with	
					By the Authority	Otherwise
External and other, excluding errors of refraction and squint	....	....	....	....	106	—
Errors of refraction (including squint)	....	....	....	....	432	14
TOTAL					538	14

Number of pupils for whom spectacles were :

(a) Prescribed *	....	....	....	....	279	14
(b) Obtained	....	....	....	....	268	14

* Including cases dealt with under arrangements with the Supplementary Ophthalmic Services.

TREATMENT OF 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	....	....	....	....	—	115
(c) for other nose and throat conditions	....	....	....	....	—	—
Received other forms of treatment	....	....	....	....	212	1
TOTAL					212	116

ORTHOPAEDIC AND POSTURAL DEFECTS.

					Number of pupils treated	
					By the Authority	Otherwise
(a) Number treated as in-patients in hospital					—	10
(b) Number treated otherwise					—	45

CHILD GUIDANCE TREATMENT AND SPEECH THERAPY.

					Number of pupils treated	
					By the Authority	Otherwise
(1) Child Guidance	....	....	....	....	—	6
(2) Speech Therapy	....	....	....	....	64	4

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	1,662	1,512	1,508
Under 5	176	97	68
5 — 16 +	4,101	3,060	2,775
TOTALS	5,939	4,669	4,351

Number of pupils actually treated	3,143
Number of attendances made for treatment	6,599
Number of half days devoted to (a) Inspections	46
(b) Treatment	831
TOTAL	877

Fillings :—

Permanent Teeth	3,556
Temporary Teeth	981
TOTAL	4,537

Number of teeth filled :—

Permanent Teeth	2,986
Temporary Teeth	912
TOTAL	3,898

Extractions :—

Permanent Teeth	362
Permanent Teeth for Orthodonture	89
Temporary Teeth	3,652
TOTAL	4,103

Anaesthetics :—

(a) General	....	....	....	....	....	....	1,704
(b) Local	....	....	....	....	....	....	95
(c) Regional	....	....	....	....	....	....	5
							<u>1,804</u>

Other Operations :—

(a) Permanent Teeth	....	....	....	....	....	672
(b) Temporary Teeth	....	....	....	....	....	1,735
						<u>2,407</u>
					TOTAL	<u>2,407</u>

Number of impressions, etc.	....	....	....	....	....	44
Number of dentures fitted	....	....	....	....	....	12
Number of inlays	....	....	....	....	....	2

Number of radiographs :—

(a) Dental Clinics	....	....	....	....	....	81
(b) Hospitals	....	....	....	....	....	—

ORTHODONTIC EXAMINATION AND TREATMENT

Age Groups						No. of pupils selected for treatment
No. of pupils examined						
Age 5	....	....	....	....	4	4
" 6	....	....	....	....	6	6
" 7	....	....	....	....	14	14
" 8	....	....	....	....	48	48
" 9	....	....	....	....	46	46
" 10	....	....	....	....	43	43
" 11	....	....	....	....	28	28
" 12	....	....	....	....	24	24
" 13	....	....	....	....	14	14
" 14 +	....	....	....	....	17	17
TOTAL						<u>244</u>
						<u>244</u>

Number of pupils commenced treatment (First attendance)	244
Number of attendances made for treatment	1,349
Number of impressions, etc.	1,756
Number of fixed appliances	83
Number of appliances removed	131
Number of pupils treatment completed	17
Number of radiographs :—	
(a) at Dental Clinics	1,055
(b) at Hospitals	—
Number of Orthodontic sessions ($\frac{1}{2}$ day)	181

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	103
(2) Number of instances in which the state of health was found to be such that certificates were withheld	Nil
(3) Number of children examined as to fitness to take part in entertainments	8
(4) Number of cases in which certificates to take part in entertainments were withheld	Nil

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

Cases notified under Section 57, Education Act, 1944 :

Sub-section 3	5
Sub-section 5	2

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

1

MEDICAL EXAMINATION OF TEACHERS

(a) Number of Teachers examined as to fitness for appointments	7
(b) Number of Students examined as to fitness for first appointment	8

INFESTATION WITH VERMIN

(i) Total number of examinations	18,127
(ii) Total number of individual pupils found to be infested	246
(iii) Total number of individual pupils found to be infested for the first time during the year	117
(iv) Number of individual pupils in respect of whom cleansing orders were issued (Section 54 (2), Education Act, 1944)	—
(v) 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	—	1	—	2	—	—	—	1	—	—	—	—	—	1	—	2
Partially-sighted Pupils	3	4	12	12	1	2	—	2	11	8	—	—	—	—	12	12
Deaf Pupils	—	—	6	6	2	5	4	1	—	—	—	—	—	—	6	6
Delicate Pupils	6	4	22	10	1	1	7	4	11	4	1	—	2	1	22	10
Educationally Sub-normal Pupils	6	1	16	15	10	12	2	1	3	1	1	—	—	1	16	15
Epileptic Pupils	—	—	4	—	—	—	1	—	3	—	—	—	—	—	4	—
Maladjusted Pupils	—	1	8	8	—	—	6	4	2	3	—	—	—	1	8	8
Physically Handicapped Pupils	3	4	10	10	6	1	—	2	4	6	—	—	—	1	10	10
Pupils with Multiple Defects	1	—	1	—	—	—	1	—	—	—	—	—	—	—	1	—
TOTAL	19	15	79	63	20	21	21	15	34	22	2	—	2	5	79	63

1952—AVERAGE HEIGHTS AND WEIGHTS — ENTRANTS

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.	No. seen	Ht. ins.	Wt. lbs.	
BOYS																				
Acton Wells	48							32	42.48	40.49	10	43.55	41.48	5	49.40	56.91	1	47.	48.	
Berrymede	77							35	42.01	41.39	40	43.31	42.14	2	47.38	52.25				
Derwentwater	99							35	42.	41.29	58	43.07	42.70	5	45.45	45.85	1	47.5	47.	
East Acton	79										73	43.10	41.12	5	45.65	44.45	1	46.	48	
John Perryn	21							9	41.47	39.86	10	43.1	41.	2	47.5	49.75				
Priory	58				9	37.42	34.94	34	40.90	39.54	14	42.84	41.32	1	43.5	46.75				
Roman Catholic	23										22	44.25	44.64	1	44.	46.				
Rothschild	43				1	39.5	35.	30	42.02	40.82	11	43.11	39.61	1	47.	50.				
Southfield	65							19	42.97	41.58	39	44.15	43.85	5	49.1	51.6	2	49.75	59.	
West Acton	48							24	30.31	28.93	20	28.76	29.04	2	46.5	48.	2	48.88	52.25	
	561				10	37.63	34.95	218	40.68	39.52	297	42.39	41.33	26	47.08	49.54	7	48.25	52.21	
GIRLS																				
Acton Wells	48							22	42.08	37.67	23	43.75	41.50	1	47.	49.25	2	48.88	50.88	
Berrymede	57							31	41.56	38.90	20	43.14	41.1	4	44.13	42.25	2	47.75	54.5	
Derwentwater	97							28	41.45	38.55	63	42.77	41.34	4	44.69	45.	2	48.38	46.75	
East Acton	84										74	43.17	40.58	8	44.69	44.69	2	45.75	49.38	
John Perryn	28							12	40.69	37.65	15	43.33	42.15	1	49.	58.				
Priory	64	2	37.25	33.25	10	37.25	33.65	29	40.51	38.16	21	43.08	41.08	2	45.5	42.5				
Roman Catholic	16										14	43.68	42.82	2	50.5	46.				
Rothschild	44							29	41.18	37.84	14	43.55	43.30	1	43.	41.5				
Southfield	57							21	41.83	42.95	33	43.98	41.45	2	45.5	42.5	1	48.5	53.	
West Acton	61							26	29.18	28.26	25	26.05	25.8	7	46.96	47.71	3	47.08	43.75	
	556	2	37.25	33.25	10	37.25	33.65	198	39.74	37.41	302	41.84	40.06	32	45.73	45.35	12	47.60	48.94	

1952—AVERAGE HEIGHTS AND WEIGHTS — INTERMEDIATES

SCHOOL	Total No. Seen.	7 Yrs.			8 Yrs.			9 Yrs.			10 Yrs.			11 Yrs.		
		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				4	51.94	60.88	2	53.13	67.25	9	56.56	81.33	27	56.48	78.13
Berrymede	82	4	49.06	58.75	8	50.81	61.	2	52.5	61.75	33	54.58	73.97	35	55.29	73.93
Derwentwater	69	1	52.	68.5	3	51.17	59.08	4	52.19	60.56	25	55.14	68.49	36	56.53	74.62
John Perryn	43	3	50.58	59.92	1	54.5	75.75				10	55.95	71.05	29	56.63	77.23
Roman Catholic	23				1	53.5	62.	1	52.	62.	7	56.79	69.30	14	58.5	83.39
Rothschild	45	1	47.5	53.75	2	50.5	57.88				16	55.45	69.41	26	55.69	75.31
Southfield	52				1	51.	56.	3	51.	60.33	22	55.32	73.30	26	56.02	79.12
	356	9	49.72	59.67	20	56.49	60.91	12	52.08	61.94	122	55.33	72.17	193	56.27	76.71
GIRLS																
Acton Wells	65				1	51.75	64.	8	51.59	61.97	21	55.32	75.06	35	57.11	78.44
Berrymede	75	1	48.	64.	4	48.5	55.88	5	51.4	62.85	30	54.01	73.04	35	54.26	72.55
Derwentwater	47	2	49.	51.25				5	51.35	64.15	18	54.93	69.64	22	56.35	74.69
John Perryn	45	1	48.5	50.5	2	51.75	70.38	1	52.5	58.	13	55.46	71.73	28	56.15	82.51
Roman Catholic	21										7	55.5	72.29	14	55.93	75.93
Rothschild	24				1	51.5	54.				11	55.57	73.34	12	57.21	79.08
Southfield	58				4	49.25	63.25	4	63.25	62.1	26	55.13	78.5	24	56.85	79.75
	335	4	48.63	54.25	12	49.81	61.27	23	53.57	62.49	126	54.96	73.87	170	56.14	77.43

1952—AVERAGE HEIGHTS AND WEIGHTS—LEAVERS

SCHOOL BOYS	Total No. Seen.	11 YEARS.			12 YEARS.			13 YEARS.			14 YEARS.			15 YEARS.			16 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.	No. seen	Ht. ins.	Wt. lbs.
Central	28							2	61.25	54.75	24	64.24	111.29	2	66.75	127.88			
John Perryn	57							4	59.56	84.75	52	63.90	108.26	1	70.	138.			
Priory	138	3	54.58	71.92	8	58.06	82.34	4	58.94	87.31	118	62.74	108.06	4	65.19	109.38	1	68.	158.
Roman Catholic	8										8	62.25	111.88						
	231	3	54.58	71.92	8	58.06	82.34	10	59.65	79.76	202	63.20	108.65	7	66.32	118.75	1	68.	158.
GIRLS																			
Central	38				1	66.	100.5	1	65.	109.75	35	64.54	115.64	1	61.5	110.5			
John Perryn	61				1	64.	152.	2	58.88	86.63	55	62.59	110.02	3	63.42	121.5			
Priory	140	5	57.3	96.8	5	57.45	92.05	6	61.13	109.42	109	62.41	112.93	10	64.52	118.27	5	64.4	124.9
Roman Catholic	15				2	61.	104.5				13	60.92	108.15						
	254	5	57.3	96.80	9	59.92	102.42	9	61.06	104.39	212	62.70	112.33	14	64.07	118.41	5	64.4	124.9