

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

Contributors

Hendon (London, England). Municipal Borough.

Publication/Creation

[1965?]

Persistent URL

<https://wellcomecollection.org/works/fg8vnseq>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution, Non-commercial license.

Non-commercial use includes private study, academic research, teaching, and other activities that are not primarily intended for, or directed towards, commercial advantage or private monetary compensation. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

Library HEN 41
Library

II

BOROUGH OF HENDON



ANNUAL REPORT

(PART I)

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1964

J. L. PATTON, M.B., CH.B., D.P.H.
Medical Officer of Health

F. H. DAY, M.R.S.H., M.I.P.H.E., M.A.P.H.I.
Chief Public Health Inspector

TOWN HALL, HENDON, N.W.4
Telephone No.: HENdon 8282

RECORDS OF HEALTH

ANNUAL REPORT

(PART I)

OF THE

MEMPHIS MEDICAL OFFICE OF HEALTH

FOR THE YEAR

1934

L. L. BARTON, M.D., CHIEF, D.P.H.
Medical Officer of Health

F. M. DAY, M.D., M.P.H., M.A., M.S., M.P.H., M.P.H.
Chief Public Health Inspector

TOBY HALL, MEMPHIS, MISSISSIPPI
Telephone No.: 2222

MEMPHIS

C O N T E N T S O F R E P O R T

	<u>Page</u>
Introductory Remarks of Medical Officer of Health	2
 SECTION A: STATISTICS AND SOCIAL CONDITIONS OF THE AREA:	
General	3
 SECTION B: PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES:	
Notifications	4
Notes on Infectious Diseases	5-7
International Certificates of Vaccination	7
Notifications of Tuberculosis	8
 SECTION C: GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA:	
Establishments for Massage or Special Treatment	9
Staff Medical Examinations	9
National Assistance Act, 1948 - Section 50 - Public Burials	10
Hospital Facilities	10
Health Services Provided by the Middlesex County Council	10-11
Medical Practitioner Service	11
Laboratory Facilities	11
 SECTION D: SANITARY CIRCUMSTANCES OF THE AREA:	
Water Supply	12
Public Health Inspection - Summary of Inspections	13-14
Notices Served	14
Housing Acts	14
Houses Made Fit	15
Common Lodging Houses	15
Rent Act, 1957	15
Caravan Sites and Control of Development Act, 1960	16
Drain Tests	16
Choked Drains	16
Sewerage and Sewage Disposal	16
Local Land Charges Enquiries	17
Pest and Vermin Eradication	17
Prevention of Damage by Pests Act, 1949 and Appendix on pages	17 (30-32)
Disinfection	17
Domiciliary Laundry Service	18
Factories Act, 1961 and Appendix on pages	18 (28-29)
Premises Licensed for Public Entertainment	18
Rag Flock and Other Filling Materials Act, 1951	18
Swimming Baths	18-19
Pet Animals Act, 1951	19
Riding Establishments Act, 1939	20
Agriculture (Safety, Health and Welfare Provisions) Act, 1956	20
Diseases of Animals Act	20-21
Field of Honour for Netherlands War Dead	21

CONTENTS OF REPORT

2	Intensification of medical officer of health
SECTION A: STATISTICS AND SOCIAL CONDITIONS OF THE AREA:		
3	General
SECTION B: PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES:		
4	Diphtheria
5	Scarlet fever
6	Measles
7	Whooping cough
8	Polio
SECTION C: GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA:		
9	Establishments for massage or special treatment
10	State medical examination
11	National assistance act, 1945 - Section 50
12	Public health
13	Hospital facilities
14	Health services provided by the Midland County Council
15	Medical practitioners services
16	Laboratory facilities
SECTION D: SANITARY CHANGES OF THE AREA:		
17	Water supply
18	Public health inspection -
19	Sanitary of inspection
20	Hotels and public houses
21	Public houses
22	Common lodging houses
23	Hotels act, 1957
24	Caravan sites and Control of Development Act, 1968
25	Drain tests
26	Blocked drains
27	Drains and sewage disposal
28	Local land charges register
29	Treat and Vernalia
30	Prevention of Damage by Pests Act, 1953
31	and appendix on pages
32	Drainage
33	Sanitary Laundry Service
34	Particular Act, 1957
35	and appendix on pages
36	Provision of Public
37	Sanitary and Sewerage
38	Sanitary Act, 1957
39	Sanitary Act, 1957
40	Sanitary Act, 1957
41	Sanitary Act, 1957
42	Sanitary Act, 1957
43	Sanitary Act, 1957
44	Sanitary Act, 1957
45	Sanitary Act, 1957
46	Sanitary Act, 1957
47	Sanitary Act, 1957
48	Sanitary Act, 1957
49	Sanitary Act, 1957
50	Sanitary Act, 1957
51	Sanitary Act, 1957
52	Sanitary Act, 1957

SECTION E: INSPECTION AND SUPERVISION OF FOOD:

Food Shops -	
Classification	22
Condemnation of Food	22-24
Milk and Dairies (General) Regulations, 1959	24
Ice Cream	24-25
Premises Registered for Preparation or Manufacture of Preserved Foods, etc.	25
Hawkers	25-26
Licensed Premises	26
Licensing Act, 1961 - Registration of Clubs	26

SECTION F: ATMOSPHERIC POLLUTION

Smoke Control Areas	27
Measurement of Atmospheric Pollution	27
Appendices	28-32

C O U N C I L O F T H E B O R O U G H

(31.12.64)

Mayor:

COUNCILLOR JOHN W. SHOCK, J.P., M.A., F.C.A.

Deputy Mayor:

COUNCILLOR (MRS.) CLARA THUBRUN, M.B.E.

Aldermen:

L.C. Chainey
J.L. Freedman, J.P., M.A., LL.B.
L.A. Hills
W. Lloyd-Taylor

A.A. Naar, M.B.E.
K.G. Pamplin
A. Paul, J.P.
C.H. Sheill, K.S.G.

D.F. Simons

Councillors:

W.P. Ashman
L.W. Bailey
D.T. Baron
H.R. Brooks
K.R. Brown
J.S. Champion
(Mrs.) N.I. Cullinane
E.B. Davis, B.A.
J.H. Felton, F.R.I.C.S., F.L.A.S.
(Mrs.) F.P. Fiander
A.P. Fletcher
C.F. Harris
K.H. Farrow, A.I.B. (Scot.),
A.I.B., A.C.I.S.

A.A. Hoskins, B.Sc.(Econ.)
Q.J. Iwi, M.A. (Oxon.)
B.E. McCormack
A.D. Mercer
R.J.W. Porcas, T.D.
R. Robinson
I.D. Scott
F.A. Sharman, B.Sc.(Eng.),
A.C.G.I., M.I.C.E.
T.C. Stewart, O.B.E.
F.L. Tyler, B.A.
A. Young, LL.B.
(Mrs.) P.K.H. Young, M.B.E.

P U B L I C H E A L T H C O M M I T T E E

(31.12.64)

Chairman:

ALDERMAN A.A. NAAR, M.B.E.

Vice-Chairman:

COUNCILLOR H.R. BROOKS

Aldermen:

A. Paul, J.P.

C.H. Sheill, K.S.G.

Councillors:

L.W. Bailey
D.T. Baron
(Mrs.) N.I. Cullinane
C.F. Harris
A.A. Hoskins, B.Sc. (Econ.)

J.W. Shock, J.P., M.A., F.C.A.
(Mayor) (Ex-Officio)
(Mrs.) Clara Thubrun, M.B.E.
(Deputy Mayor)
F.L. Tyler, B.A.

(Mrs.) P.K.H. Young, M.B.E.

ANNUAL REPORT
of the
MEDICAL OFFICER OF HEALTH
for the year 1964

To The Mayor, Aldermen and Councillors of the
Borough of Hendon.

Mr. Mayor, Ladies and Gentlemen,

The Annual Report of the Medical Officer of Health cannot be submitted in its final form until confirmation of a number of statistics is received from the Registrar General. However, in view of the fact that the Borough of Hendon will no longer exist after the 1st April, 1964 I have prepared a report based on information now available (Part I), and a further report (Part II) will be submitted at a later date.

The Reorientation of Local Government towards the London Borough of Barnet has allowed no time for those investigations which add to the interest of the Medical Officer of Health's report, and the report is therefore necessarily brief.

In the decade since I came to Hendon there has been much progress in Public Health. The most noticeable highlight has been the disappearance of poliomyelitis, not only of poliomyelitis but also of the fear which many parents suffered of this disease.

The air is now much cleaner than a few years ago, and the green smogs have been replaced by white mists.

Standards have been raised in food hygiene and especially in personal hygiene, which is now so much improved that outbreaks of food borne disease are more likely to be due to faulty processes rather than to the failure of individual personal hygiene.

In the ten-year period housing has improved enormously, but it is not without some feeling of nostalgia that one has watched the demolition of many old cottages, so that few if any of the quaint cottages of the eighteenth century now remain in Hendon.

On the debit side, lung cancer has increased and is still increasing, with its frightening toll of men in their fifth and sixth decades. Road traffic accidents are now responsible for more unhappiness than infectious disease; and we still sit back and watch the progress made in America towards the prevention of dental decay by the fluoridation of drinking water.

In Hendon I have been fortunate in having an excellent staff, and an interested Public Health Committee, and I shall watch with interest the progress of the London Borough of Barnet.

I have the honour to be,

Mr. Mayor, Ladies & Gentlemen,

Your obedient servant,

J.L. PATTON

Medical Officer of Health

SECTION A:

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

GENERAL

WARDS (9)	AREA IN ACRES
Edgware	2,327
Burnt Oak	477
Mill Hill	2,695
West Hendon	1,143
Central	1,139
Park	580
Golders Green	748
Garden Suburb	669
Childs Hill	593
Area of the Borough	10,371
Population figures supplied by Registrar General	150,200 *
Density of population, i.e. number of persons per acre	14.48
Number of inhabited houses at 30th September 1964 (according to Rate Book)	45,381
Average number of persons per house	3.31
Rateable value as at 30th September 1964	£11,359,763
Sum represented by a Penny Rate	45,770

* Population as at June 1963

SECTION B:

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

TABLE I

The following table shows the total number of corrected notifications other than tuberculosis, received during the year.

Disease	Total number of cases notified	Cases removed to hospital
Scarlet Fever	41	1
Whooping Cough	43	-
Measles	406	1
Acute Poliomyelitis		
Paralytic.. .. .	-	-
Non-Paralytic	-	-
Diphtheria	-	-
Pneumonia	34	5
Dysentery	39	3
Paratyphoid Fever	2	1
Typhoid Fever	-	-
Erysipelas	5	-
Meningococcal Infection	1	1
Food Poisoning	20	4
Puerperal Pyrexia	119	117
Ophthalmia Neonatorum	4	-
Malaria	1	1
Infective Encephalitis	1	-
TOTAL	716	134

NOTIFICATIONS OTHER THAN TUBERCULOSIS

POLIOMYELITIS

No cases of Poliomyelitis have occurred during the year.

PUERPERAL PYREXIA

There was an increase in the number of cases of Puerperal Pyrexia, 119 cases occurring compared with 72 in 1963.

Of the 119 cases 50 only were Hendon residents, the remainder being women from other areas who entered the maternity hospital in the Borough for their confinement.

OPHTHALMIA NEONATORUM

Four cases of Ophthalmia Neonatorum were notified during the year, compared with one in 1963.

SCARLET FEVER

There was an increase in the number of cases notified, 41 cases occurring compared with 22 in 1963. As usual the disease was mild in character.

DIPHTHERIA

No cases of Diphtheria were notified during the year, compared with 2 in 1963.

MEASLES

During the year 406 cases of Measles were notified compared with 1,491 in 1963. As Measles tend to occur in epidemic form every two years, it is anticipated that an epidemic will occur about the Spring of 1965.

WHOOPING COUGH

The number of cases of Whooping Cough notified was 43, compared with 134 in 1963.

SONNE DYSENTERY

There was a decrease in the number of cases notified during the year, there being 39 compared with 317 in 1963. The disease was as usual mild in character.

AMOEBIC DYSENTERY

A case of Amoebic Dysentery was notified in a Spanish kitchen worker employed at a hospital.

TYPHOID FEVER

No case of Typhoid Fever has occurred during the year.

PARATYPHOID FEVER

There were 2 cases notified, compared with 1 case in 1963. In addition, an Italian waiter, resident but not working in the area, was found to be suffering from a Paratyphoid B Osteomyelitis.

FOOD POISONING

During the year 20 cases of food poisoning were notified compared with 25 in 1963. The following is a copy of a report made to the Ministry about the organisms responsible for the individual and family outbreaks.

(a) Food Poisoning Notifications (corrected)

First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
2	8	8	2	20

(b) Cases otherwise ascertained

First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Total
5	8	6	5	24

PARTICULARS OF OUTBREAKS

AGENT	No. of Outbreaks		No. of Cases		Total No. of Cases
	Family Outbreaks	Other Outbreaks	Notified	Otherwise Ascertained	
Agent identified:					
Salmonella Typhi-Murium Phage Type 1a	1		5		5
Salmonella Typhi-Murium Phage Type 1	1			2	2
Salmonella Typhi-Murium Phage Type 1a Var.2	1		5	4	9
TOTALS	3		10	6	16
Agent not identified	4		1	9	10

SINGLE CASES

AGENT	No. of Cases		Total No. of Cases
	Notified	Otherwise Ascertained	
Agent identified:			
Salmonella Typhi-Murium Phage Type U84	1		1
Salmonella Blockley	1		1
Salmonella Typhi-Murium Phage Type U20	1	1	2
Salmonella Typhi-Murium Untypable	1	2	3
Salmonella Muenchen		1	1
Salmonella Typhi-Murium Phage Type 32		1	1
Coag.Post.Staph. Phage Type R.T.D. 52/ 52A/79/80		1	1
Salmonella Brandenburg	1		1
Salmonella Johannesburg	1		1
TOTALS	6	6	12
Agent not identified	3	3	6

INTERNATIONAL CERTIFICATES OF VACCINATION

During the year 3,021 International Certificates of Vaccination were certified by the Public Health Department.

CHEST DISEASE

NOTIFICATION OF TUBERCULOSIS

The following table shows the number of cases of tuberculosis notified for the first time during the year 1964, and transfers into the district.

TABLE II

Age Group in years	Respiratory				Non-Respiratory				TOTAL
	Males		Females		Males		Females		
	New Cases	Transfers into District	New Cases	Transfers into District	New Cases	Transfers into District	New Cases	Transfers into District	
Under 1 year									
1									
2-4									
5-9									
10-14							1		1
15-19	1		1		1				3
20-24	3	2	3	2	2				12
25-34	5	9	7	6	2		1		30
35-44	5	3	1	9					18
45-54	4	2	2	1					9
55-64	4	2	1	1			1		9
65-74		2							2
75 & over	3								3
Age Unknown									
TOTAL	25	20	15	19	5	-	3	-	87

SECTION C:

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

ESTABLISHMENTS FOR MASSAGE OR SPECIAL TREATMENT
MIDDLESEX COUNTY COUNCIL ACT, 1944, SECTIONS 353-363

The Council continued to exercise its function as the licensing authority under the provisions of the above-mentioned Act. A person requiring a licence or renewal of a licence under this part of the Act must make application to the Local Authority giving certain information, such as age, nationality, technical qualifications and the nature of the establishment and the business conducted thereat.

The Council considered and granted the following applications:-

New Licences	1
Renewal of Licences	25
Certificates lodged under Section 363 by members of the Chartered Society of Physiotherapy	5
Licences Refused	-

STAFF MEDICAL EXAMINATIONS

During the year under review 89 new entrants or employees of the Hendon Borough Council were medically examined for superannuation purposes.

Of this number 88 were passed as fit, and a decision on one other was deferred for a further six months.

The number of examinations in respect of each department of the Council was as follows:-

Town Clerk's	12
Borough Treasurer's	11
Borough Engineer's	45
Borough Librarian's	13
Borough Housing	6
Medical Officer of Health	2
	<hr/>
	89
	<hr/>

NATIONAL ASSISTANCE ACT, 1948

SECTION 50 - PUBLIC BURIALS

Under Section 50 of the National Assistance Act, 1948, the Borough Council is required to arrange for the burial or cremation of any person who died or been found dead in their area if in such case it appears to the Council that no suitable arrangements for the disposal of the body have been or are being made.

During the year 5 burials were carried out, 4 adults and 1 child.

GENERAL HOSPITAL FACILITIES

Edgware General Hospital.

Colindale Hospital.

Hendon District Hospital.

The needs for mental treatment are served by Napsbury Hospital.

INFECTIOUS DISEASES - HOSPITAL ACCOMMODATION

West Hendon Hospital.

Neasden Isolation Hospital, Willesden.

Any other Infectious Disease Hospital controlled by the North-Western Metropolitan Regional Hospital Board.

TUBERCULOSIS TREATMENT AND HOSPITAL ACCOMMODATION

Edgware General Hospital.

Colindale Hospital.

Admissions are normally made through the Chest Clinic, but in an emergency any chest case may be admitted to Colindale Hospital by the general practitioner phoning the hospital direct.

The Chest Clinic at Edgware serves primarily those living in the Borough of Hendon and the Stanmore, Queensbury and Kingsbury districts of Harrow and Wembley.

HEALTH SERVICES PROVIDED BY THE MIDDLESEX COUNTY COUNCIL

The following services are provided by the Middlesex County Council under Part III of the National Health Service Act, 1946:-

- * Care of mothers and young children (Section 22)
- * Midwives Service (Section 23)
- * Health Visiting (Section 24)
- * Home Nursing (Section 25)
- * Vaccination and Immunisation (Section 26)

* Chiropody Service (Section 28)

* Domestic Help (Section 29)

School Health Services and Dental Services
(Provided under Education Act, 1944, the
Borough of Hendon being an Excepted District).

* These services are administered on an area basis, Area 4 consisting of the Boroughs of Hendon and Finchley. The Area Health Committee acts as a Sub-Committee of the Health Committee of the County Council and consists of representatives of the two Boroughs, Middlesex County Council, certain professional bodies and other persons with special knowledge of these services.

MEDICAL PRACTITIONER SERVICE AND CLASSIFICATION OF AREAS

The Middlesex Executive Committee has four categories, viz:- Designated, Open, Intermediate and Restricted Areas.

The present classifications of the different wards of the Borough are as follows:-

- (1) Open Areas - Burnt Oak, Childs Hill, Garden Suburb Mill Hill and West Hendon.

Applications from doctors to enter practice in areas classified as Designated or Open will be granted automatically on the completion of their arrangements.

- (2) Intermediate Areas - Central.

In this area the number of patients on the average general practitioner's list is reasonable. New practices may be established in such areas but the initial practice allowance is not likely to be paid.

- (3) Restricted Areas - Edgware, Golders Green and Park.

These are areas in which the number of doctors is adequate. Normally applications by doctors to start new practices are not granted.

LABORATORY FACILITIES

These are provided at the Central Public Health Laboratory, Colindale. Specimens may be sent direct to the Laboratory by medical practitioners or by special collection from the Public Health Department provided they are received not later than 3.30 p.m. Monday to Friday.

I would like to express my appreciation of the work carried out by the staff at the Laboratory who, during the course of the year, have given considerable advice and help to the Public Health Department.

The number of samples taken in respect of milk, ice cream, domestic water supplies and swimming pools is shown elsewhere in the report.

SECTION D:

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The Borough has a dual source of supply. The northern part is supplied by the Colne Valley Water Company and the central and southern portion by the Metropolitan Water Board.

The Colne Valley Water is derived from wells sunk into the chalk and before distribution to the consumers the water is under constant supervision of a chemical and bacteriological staff which carries out examinations in modern laboratories situated at the works.

The water supplied by the Metropolitan Water Board is selected Thames water which has been subjected to purification by storage in which time it is freed of the bulk of organisms. It is filtered through rapid and then slow filters, attaining a degree of purity which compares favourably with the general supplies in Great Britain, but as a further safeguard terminal chlorination is applied which ensures a first class water in every respect. Samples of water are examined bacteriologically, chemically and for taste and other special purposes on every day.

The supply to all areas was satisfactory in quality and quantity.

Number of dwelling houses supplied from public water mains:-

- (a) Direct to houses 45,381
- (b) by means of standpipes Nil

Number of population supplied from public water mains:-

- (a) Direct to houses 150,200
- (b) by means of standpipes Nil

Natural fluoride content of water supplies:-

Colne Valley Water Company: Fluoride content - less than
0.1 parts per million

Metropolitan Water Board: Fluoride content - 0.25 parts
per million.

The water supplied to Hendon is deficient in fluoride and dental decay is more prevalent here than in those areas where the element is present in optimum quantity.

PUBLIC HEALTH INSPECTIONS

The following inspections were made by the Public Health Inspectors during the year:-

	<u>Number of</u>	
	<u>Inspections</u>	<u>Reinspections</u>
General Public Health Inspections		
Dwelling-houses (in connection with defects or insanitary conditions) ...	1,463	2,347
Caravans	89	167
Certificates of Disrepair (Rent Act, 1957)	3	6
Cesspools	82	97
Drain Tests	151	100
Drainage and Plumbing Works	351	1,128
Overcrowding	22	12
Pests	218	192
Vermin	287	57
Atmospheric Pollution		
Smoke Observations. Number	511	-
Volumetric Smoke Measuring Apparatus - attendances at	611	-
Smoke Control Areas - inspections of premises	2,557	1,611
Bonfires	272	116
Food Premises		
Bakehouses	23	14
Bakers and Confectioners	18	19
Butchers	157	123
Canteens	15	11
Confectioners (Sweets)	25	25
Dairies and Milk Distributors	82	25
Fishmongers	46	43
Greengrocers and Fruiterers	87	109
Grocers and Provisions Merchants	176	153
Hawkers' Storage Premises	20	7
Ice Cream - premises from which ice-cream is sold	124	66
Preserved Foods - premises registered for preparation of	14	25
Restaurants and Cafes	165	305
School Meals kitchens and Canteens ..	14	7
Other Food Shops	4	5
Hawkers' and Food Delivery Vans	18	2
Unsound Food	137	63
Factories		
In which mechanical power is used....	125	88
In which mechanical power is not used	6	11
Outworkers' Premises	175	15
Licensed Premises		
Justices' Licences and Licensing Act, 1961	130	135
Public Entertainments Licences	50	28
Others		
Accommodation roads, passages etc. ..	156	160
Diseases of Animals Acts	36	15
Hairdressers (Eyelaws)	26	20
Typhoid (Special Visits)	856	3
Offices, Shops & Railway Premises ...	102	1
Houses in Multi-occupation	127	310

	<u>Inspections</u>	<u>Reinspections</u>
Others (contd.)		
Infectious Disease investigations ...	191	40
Noise Nuisance	177	111
Pet Animals Act, 1951	20	14
Piggeries	37	3
Shops Act, 1950 (Sanitary etc. arrangements)	84	70
Stables	18	17
Watercourses	94	42
Miscellaneous	1,463	1,404

NOTICES SERVED

To deal with unsatisfactory conditions found during the course of the above inspections, the following notices were served:-

Informal or Cautionary 739

STATUTORY NOTICES

Served under Public Health Acts 81

Served under other Acts, Regulations, etc. .. 96

As will be seen from these numbers, the majority of matters found requiring attentions are successfully dealt with without recourse to the service of Statutory Notices under the various Acts, Orders or Regulations.

HOUSING ACTS

Inspection of dwelling houses during the year -

Number of houses surveyed for action
under Housing Act 7

Number of houses surveyed and reports
submitted for use by District Valuer in
connection with negotiations for
acquisition by the Council 126

Number of houses inspected in connection
with Improvement Grants Scheme 106

Total number of inspections and reinspections
made 823

Seven houses were dealt with under the Housing Act, 1957, involving the making of seven closing orders.

As a result of this action or that taken under the Act in previous years, 18 unfit houses were demolished, and six others were closed after the occupants had been rehoused.

Fourteen families comprising 31 persons vacated unfit properties dealt with under the Act, the majority being rehoused by the Council.

UNFIT HOUSES MADE FIT AND HOUSES
IN WHICH DEFECTS WERE REMEDIED

The following houses were made fit or had defects remedied as a result of action taken:-

After informal action	313
After formal action under	
(a) Public Health Acts	
(i) by owner	26
(ii) by local authority	55
(b) Housing Acts	
(i) by owner	5
(ii) by local authority	-

COMMON LODGING HOUSES

There are no registered common lodging houses in the Borough.

RENT ACT, 1957

The following figures show the number of applications for Certificates of Disrepair and Revocation received and the action taken during the year.

Applications for Certificates of Disrepair.

No. of applications for certificates	3
No. of decisions not to issue certificates	-
No. of decisions to issue certificates.....	2 (1 not pro- ceeded with)
(a) in respect of some but not all defects .	2
(b) in respect of all defects	-
No. of applications outstanding at end of year..	-
No. of undertakings given by landlords under paragraph 5 of the First Schedule	2
No. of undertakings refused by Local Authority..	1
No. of certificates issued	1

Applications for Cancellation of Certificates ..

No. of applications by landlords to Local Authority for cancellation of certificates	-
No. of objections by tenants to cancellation of certificates	-
No. of decisions by Local Authority to cancel in spite of tenants' objections	-
No. of certificates cancelled by Local Authority	-

CARAVANS

CARAVAN SITES & CONTROL OF DEVELOPMENT ACT - 1960

There is now only one licensed caravan site in the Borough. This is at a site at Brockley Hill, Stanmore, and is for one caravan only. Inspections showed that the conditions of the licence were being observed.

DRAIN TESTS AND DRAINAGE WORKS

Test of drainage systems and examination of sanitary fitments were carried out and reports submitted thereon during the year as follows:-

For prospective purchasers of properties	6
In connection with applications for advances under the Housing (F.P.) Act 1958	113

Fees are paid to the Council for this work.

In addition 12 tests of drainage systems were carried out in connection with the investigation of nuisances.

CLEARANCE OF BLOCKED DRAINS

The Council continues to operate its service for the clearing of drains at private premises, where this can be done by rodding or plunging, on request by owner or occupier. The charges for this work are as follows:

During normal working hours	15. Od.
Evenings - Monday to Friday	£1.10. Od.
At week-ends	£3. 0. Od.

The use made of this service continues to grow, no less than 1208 drains being cleared during the year. Fifty-six were cleared at week-ends.

SEWERAGE AND SEWAGE DISPOSAL

During the year the Council provided a sewer to serve the Burton Hole Lane, N.W.7. area. By the end of the year connection of the drains from properties in the range of the sewer was proceeding steadily, and by then some 18 cesspools had been abolished.

Parts of Mill Hill, Elstree and Barnet Gate remain unsewered, 129 properties being served by cesspools or small septic tank sewage disposal installations.

325 requests for the emptying of the cesspools or septic tanks were complied with, the work, in most instances, being carried out at the Council's expense.

LOCAL LAND CHARGES ENQUIRIES

During the year, enquiries were received from the Town Clerk in respect of 3,800 properties. These related to any action being taken under the Public Health, Housing and Rent Acts, inclusion in Smoke Control and in Housing Areas (areas scheduled for redevelopment). The necessary enquiries or inspections were made and the information supplied.

PEST AND VERMIN CONTROL

Each year sees an increasing number of requests from housewives for advice on the identification of insects they come across in their homes and on the method of eradication and control. Many of these insects are of little or no public health significance but in every case steps are taken to supply the appropriate information and advice, and if necessary the premises are visited and an inspection carried out by the Public Health Inspectors.

The incidence of vermin (bugs, fleas and lice) is now very low, only fourteen infestations having to be dealt with. In these cases disinfestation work is carried out by one of the Council's rodent operatives who has been trained in this work.

Wasps nests are also destroyed, free of charge, 301 being dealt with during the year.

Routine inspections of the effects of new Council tenants are also carried out prior to their removal into their new accommodation, but it is now only very occasionally that any evidence of vermin is found.

PREVENTION OF DAMAGE BY PESTS ACT 1949 - RODENT CONTROL

Details of the work carried out during the year, in the form required by the Ministry of Agriculture, Fisheries & Food, is set out in Appendix II.

DISINFECTATION

Disinfection of rooms by the use of formalin spray is carried out after the incidence of certain notifiable infectious diseases and, in case of tuberculosis, when considered necessary by the Chest Physician. Bedding, clothing and library books are disinfected by arrangement with Finchley Borough Council at their disinfecting station at North Circular Road, London, N.3.

Parcels of clothing to be sent abroad are disinfected on request and an appropriate accompanying certificate issued.

During the year the following were dealt with:-

Rooms	23
Bedding and/or clothing	141
Library books	80
Parcels of clothing to be sent abroad	24

DOMICILIARY LAUNDRY SERVICE

One of the problems which arises in the case of aged and sick persons in their own homes, is the cleansing and laundering of soiled linen and clothing.

Where such persons have no relative living with them who is able to deal with the articles, assistance is given under Section 84, Public Health Act, 1936, as amended by Section 42, Middlesex County Council Act, 1956.

These sections give the Council necessary authority to have the articles collected and cleansed (laundered).

During the year 13,104 articles were collected from the houses of 36 such incontinent persons.

The articles are collected twice weekly and returned to them after laundering.

FACTORIES ACT, 1961

At the request of the Ministry of Health the tables showing the work carried out in the administration of the health provisions of the Factories Acts, are given in the prescribed form as set out in Appendix I.

PREMISES LICENSED FOR PUBLIC ENTERTAINMENT

In accordance with the usual annual procedure, inspections were made at the request of the Middlesex County Council of the sanitary conveniences, kitchen, etc., at hotels, church halls, cinemas, restaurants, etc., licensed for public entertainment.

Thirty-eight premises were inspected. At twenty-five premises conditions were found to be satisfactory. At the other thirteen minor matters were found requiring attention and appropriate action was taken to deal with these.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951

This Act and the Regulations made thereunder prescribe standards of cleanliness for each of certain specified filling materials used in the manufacture of furniture, prams, toys, etc.

Premises at which the work is carried out are required to be registered with the Local Authority and records have to be kept showing the amounts etc., of the filling materials used.

Five premises are registered with the Council. Each was inspected during the year and found to be conforming with the Act and Regulations.

SWIMMING BATHS

There are two municipal-owned open air swimming pools (one at Mill Hill and one at West Hendon) and one open air teaching swimming

pool at Broadfields Junior School.

Samples of swimming bath water were taken during the summer months and submitted to the Central Public Health Laboratory for bacteriological examination.

The following are the results of the samples:-

	<u>No. taken</u>	<u>Results</u>
Mill Hill Swimming Bath	15	14 satisfactory 1 unsatisfactory
West Hendon Swimming Bath	12	11 satisfactory 1 unsatisfactory
Broadfields Junior School Swimming Pool	9	2 satisfactory 7 unsatisfactory

There was no apparent cause for the one unsatisfactory sample at Mill Hill and West Hendon Baths, where the standard is normally very high.

The samples from Broadfields Junior School showed little improvement on previous years.

The following figures show the attendances at the two municipal-owned baths during the opening season.

	<u>West Hendon</u>	<u>Mill Hill</u>
Adults	9,685	25,026
Children	27,652	80,301
Season Tickets	2,956	10,905
School Children under instruction -		
Middlesex County Council	8,367	14,933
Private	-	752
	<u>48,660</u>	<u>131,917</u>

PET ANIMALS ACT, 1951

Eleven applications were received for the renewal of licences to keep pet shops. The "animals" kept included puppies, kittens, hamsters, guinea-pigs, rabbits, birds, mice, fish and reptiles.

The premises were inspected for adequacy of means of ventilation, natural and artificial lighting, water supply, state of repair and cleanliness, arrangements for storage of food, hay and straw, disposal of excreta, adequacy of fire fighting equipment, and availability of some person with key to premises to be called in case of emergency when premises closed, and exhibition of suitable notice on door or window giving name and address of such person.

All applications for licences were granted.

RIDING ESTABLISHMENTS ACT, 1939

The seven riding establishments are inspected biannually by the Council's Veterinary Officer.

AGRICULTURE (SAFETY, HEALTH & WELFARE PROVISIONS) ACT, 1956

Inspections were made during the year of the thirteen farms and other agricultural or horticultural premises in the Borough to ensure that the requirements of the Act relating to the provision and maintenance of suitable sanitary conveniences for the use of the workers, were being complied with.

At four premises works of cleansing, redecoration or repair were found to be necessary. The appropriate notices were served and the works executed.

At the other nine premises conditions were found to be satisfactory.

DISEASES OF ANIMALS ACTS

Foot and Mouth Disease

Swine Fever

No outbreaks of these diseases in or near the Borough during the year so that it did not become necessary at any time to place restrictions on the movement of animals.

Fowl Pest

No cases of this disease occurred in the Borough during the year, nor was it necessary for any restriction on movement to be imposed.

THE MOVEMENT OF ANIMALS (RECORDS) ORDERS, 1960 & 1961

Detailed records have to be kept by stockholders of the movement of bovines, sheep, goats and pigs to and from their premises.

These records are necessary so that in the event of outbreaks of foot-and-mouth and other infectious diseases, investigations can be made at the premises from which any animals have recently been received. Animals which have left the premises can also be traced and kept under observation.

All stockholders were visited during the year to ensure that the proper records were being kept.

Diseases of Animals (Waste Food) Order, 1957

The Diseases of Animals (Waste Food) Order, 1957 prohibits the feeding of unboiled waste food to farm animals and poultry and requires that all such food shall be boiled for at least one hour in plant licensed by the Local Authority.

Ten licences were originally issued under the Order but only four plants now remain in use. These are visited by the Public Health Inspectors from time to time to ensure that the licence conditions are being complied with. No infringements were noted.

Importation of Dogs and Cats Order, 1928

There is an establishment at Mill Hill licensed by the Ministry of Agriculture, Fisheries and Food and used for the detention and isolation of imported dogs undergoing quarantine.

The establishment is run by veterinary surgeons and is licensed for the detention of 35 dogs at any one time.

During the year 107 dogs were received at the premises after being authorised to land in this country.

As a result of careful and strict observance of the Importation Order, no rabies has been confirmed in this country since 1922.

FIELD OF HONOUR FOR NETHERLANDS WAR DEAD

During the War the bodies of 61 Netherlands War Dead were buried at Paddington Cemetery, Milespit Hill, Mill Hill, N.W.7. In 1964 the Government of the United Kingdom and the Government of the Kingdom of the Netherlands reached agreement on concentrating the Netherlands War Dead in a Field of Honour at this Cemetery.

This involved the removal of 189 bodies from many parts of the United Kingdom and Northern Ireland to this Cemetery and the exhumation and reburial of the 61 bodies already at the Cemetery.

These exhumations, which were supervised by the District Public Health Inspector, were carried out by the staff of the Netherlands War Graves Commission in a satisfactory manner and with due care and attention to decency.

SECTION E:

FOOD ADMINISTRATIONINSPECTION OF FOOD PREMISESFOOD & DRUGS ACT 1955FOOD HYGIENE (GENERAL) REGULATIONS, 1960

The following table classifies the various premises in the Borough at which food is manufactured, prepared or sold.

	<u>Premises</u>
Bakehouses	22
Bakers and Confectioners	45
Butchers	99
Caterers Production Kitchen	1
Confectioners (Sweets)	157
Dairies & Milk Distributors	57
Fishmongers	24
Greengrocers & Fruiterers	98
Grocers & Provision Merchants	167
Hawkers' Storage Premises	9
Hotels, Restaurants & Cafes	139
Ice Cream - Premises registered for manufacture or sale	264
Licensed Premises	61
Preserved Foods -	
Premises registered for	
(a) Preparation of Sausages	12
(b) Brining of Meat	98
(c) Frying of fish	9
School Meals Kitchens and Centres	52
Works Canteens	50

CONDEMNED FOODS

A list of the foodstuffs condemned by the Public Health Inspectors during the year as unfit for human consumption is given below.

It is rarely nowadays that an inspector finds unsound food displayed or intended for sale.

All of the food detailed below was condemned as a result of requests received from retailers to inspect the food which had become unfit from such causes as breakdown of refrigerators at week-ends or delay or damage in transit.

Condemned foods are destroyed by incineration at the Council's Refuse Disposal Works.

LIST OF FOODSTUFFS CONDEMNED DURING 1964

Meat	1299 $\frac{1}{4}$ lbs	(including Beef, Pork, Lamb, Offal, Sausages, Corned Beef; Salami)
Fish	49 lbs	(including Dog fish, Salmon, Sprats)
Vegetables	126 cwt 6 lbs	Potatoes
Tinned Foods:		
Cream	6	
Fish	79	
Fruit	943	
Fruit Juice	49	
Ham	51	(361 lbs 15 ozs.)
Jam	19	
Meat	102	
Milk	49	
Cranberry Sauce	4	
Puddings	23	
Pie Filling	10	
Soup	31	
Tomato Juice	26	
Vegetables	338	
Baby food	3	
Miscellaneous Goods:		
Bacon	6 lbs	
Flour	24 lbs	
Sugar	9 lbs	
Fish	13 jars	
Cereals	15 pkts.	
Pickles	13 jars	
Tea	36 pkts. & 9 lbs	
Frozen Foods:		
Cheese	19 lbs & 2 pkts.	
Cheese Burgers	30 pkts.	
Chickens	1 "	
Eclairs	19 "	
Fish	942 "	
Fruit	111 "	
Ice Cream	422 "	

Meat	383 pkts.
Mousse	253 "
Pastries	169 "
Meat Pies	139 "
Fruit Pies	22 "
Sponges	62 "
Vegetables	1911 "
Yorkshire Puddings	9 "

MILK & DAIRIES (GENERAL) REGULATIONS

The large milk bottling establishment at Claremont Road, N.W.2. was frequently inspected during the year and 100 bottles were taken at random from the bottle-washing machines after having been subjected to the washing and sterilising processes.

The bottles were subjected to bacteriological examination with the following results:-

Satisfactory	98
Unsatisfactory	2

ICE CREAM

At the end of the year there were 264 premises registered for the sale or manufacture of ice cream. Seven new registrations were made during the year, and 10 registrations were revoked, the sale of ice cream having been discontinued.

Ice cream is also sold at several hotels, restaurants and cinemas. These premises are not subject to registration.

99 samples of ice cream were taken and submitted to the Central Public Health Laboratory Service for bacteriological examination and grading according to the Ministry of Health's Provisional Grading Scheme, with the following results:-

Grades 1 and 2 are satisfactory.

Grade 3 calls for investigation of the methods of production and/or handling.

Grade 4 is unsatisfactory.

	<u>No. of Samples taken</u>	<u>Results</u>
Prepacked	23	Grade 1
	6	" 2
	1	" 3
	-	" 4
Ice Lollies (Semi-wrapped)	2	" 1
	1	" 2
	-	" 3
	-	" 4

	<u>No. of Samples taken</u>	<u>Results</u>
Loose	19	Grade 1
	17	" 2
	8	" 3
	7	" 4
Soft Ice	2	" 1
	6	" 2
	5	" 3
	2	" 4

Whenever unsatisfactory sample results are received a thorough investigation is made, and repeat samples are taken until a satisfactory standard is obtained and maintained.

PREMISES REGISTERED FOR PREPARATION OF MANUFACTURE OF
SAUSAGES OR POTTED, PRESSED, PICKLED OR PRESERVED FOOD
INTENDED FOR SALE

At the end of the year 133 premises were registered for the following purposes:-

Brining of meat	98
Boiling of Hams	15
Cooking and/or pressing of Meat	6
Preparation of Sausages	12
Preparation of "Hot-Dogs"	1
Roasting of Chickens	11
Preparation of Meat Pies	1
Frying of Fish	5
Curing of Fish	4

(Some premises are registered for more than one purpose)

Six new registrations were made during the year, and one was transferred to a new occupier.

HAWKERS

Hawkers of food in the Borough are required to be registered with the Council under Section 11 of the Middlesex County Council Act, 1950.

Storage premises must comply with the provisions of the Food Hygiene (General) Regulations, 1960 before they are registered.

At the close of the year there were 41 hawkers on the register, being registered for the sale of -

Greengrocery and Fruit	26
Fish	4
Ice Cream	6
Eggs	1
Shellfish	1
Confectionery	1
Tea and Cakes etc.	1
Frankfurters in split rolls	1

During the year two new registrations were made, and two were removed from the register it having been ascertained that the hawkers were no longer trading in the Borough.

LICENSED PREMISES

Inspections were carried out of the 61 licensed hotels, restaurants and Public Houses in the Borough and reports submitted to the Licensing Justices on the conditions found. These reports are considered by the Justices at the Brewster Sessions when applications for renewal of existing, or for new licences, are dealt with.

This is an annual procedure.

LICENSING ACT, 1961

Registration of Clubs

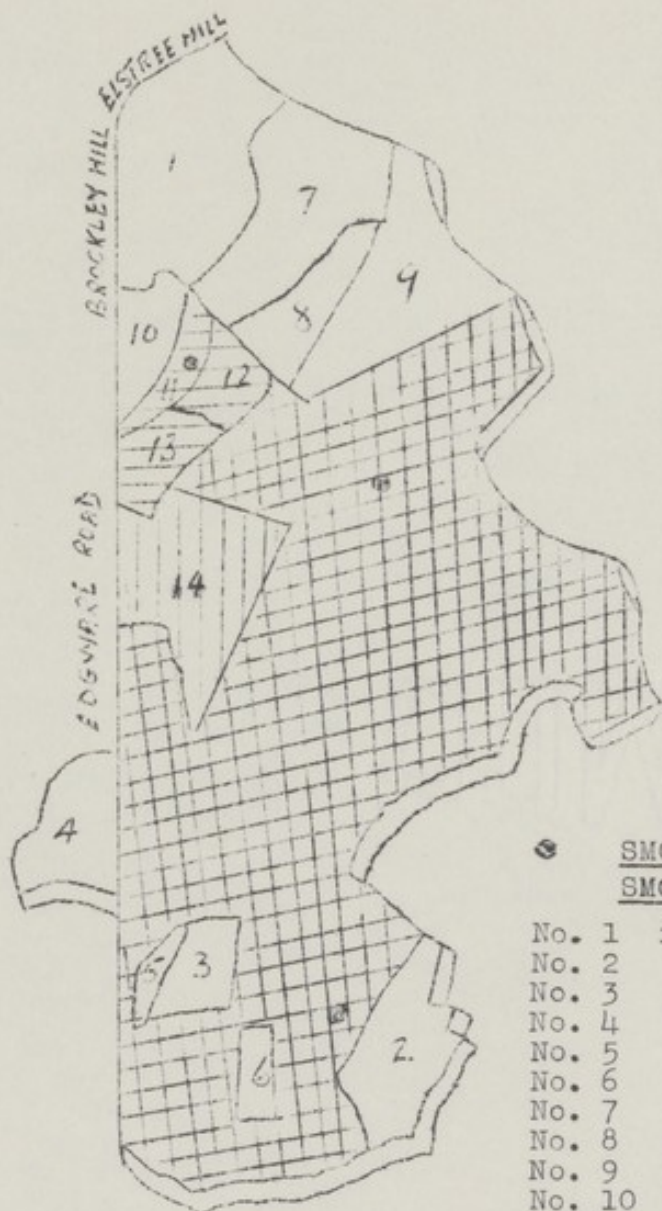
27 clubs were inspected in connection with applications made to the Magistrates' Court for the renewal of registration certificates entitling the proprietors to sell intoxicating liquors at the premises.

SECTION F:

ATMOSPHERIC POLLUTION

Smoke Control Areas

Work proceeded steadily throughout the year in connection with the formation of smoke control areas under the Clean Air Act, 1956. The position at the end of the year was as follows:-



☉ SMOKE STATION
SMOKE CONTROL AREA:-

No. 1	in operation	1 Sept. 1960
No. 2	" "	1 Oct. 1962
No. 3	" "	1 Oct. 1962
No. 4	" "	1 Oct. 1963
No. 5	" "	1 Oct. 1963
No. 6	" "	1 Oct. 1963
No. 7	" "	1 July 1964
No. 8	" "	1 Sept. 1964
No. 9	" "	1 Oct. 1964
No. 10	" "	1 Oct. 1964
No. 11	" "	1 July 1965
*No. 12	order made	10 Sept. 1964
*No. 13	" "	16 Nov. 1964
No. 14	under survey.	

*Order confirmed by Council, but not yet confirmed by Minister of Housing and Local Government.

Measurement of Atmospheric Pollution

The Council operates three smoke measuring stations at sites approved by the Department of Scientific and Industrial Research, i.e. at Golders Green, Mill Hill and Edgware Branch Libraries. The readings for the year are not yet available.

FACTORIES ACTS, 1961

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH IN RESPECT OF
THE YEAR 1964 FOR THE BOROUGH OF HENDON IN THE COUNTY OF MIDDLESEX

Prescribed Particulars on the Administration of the Factories Act, 1961

PART I OF THE ACT

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

Premises (1)	Number on Register (2)	Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	17	17	1	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	384	213	12	-
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises) ..	7	-	-	-
TOTAL	408	230	13	-

2 - Cases in which DEFECTS were found

Particulars (1)	Number of cases in which defects were found				Number of cases in which prose- cutions were instituted (6)
	Found (2)	Remedied (3)	Referred To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1)	1	1	-	-	-
Overcrowding (S.2).. ..	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	1	1	-	-	-
(b) Unsuitable or defective	10	8	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including Offences relating to Outwork)	3	3	-	-	-
TOTAL	15	13	-	-	-

PART VIII OF THE ACT

OUTWORK

(Sections 133 & 134)

Nature of Work	Section 133		Section 134
	Number of Outworkers in August list required by Section 133 (1) (c)	Number of cases of default in sending lists to the Council	Number of instances of work in unwholesome premises
Wearing Apparel - Making etc., Cleaning and Washing	54 5	- -	- -
Household linen	3	-	-
Curtains and furniture hangings	6	-	-
Furniture and Upholstery	1	-	-
Artificial flowers	4	-	-
The making of boxes or other receptacles or parts thereof made wholly or partially of paper	7	-	-
Jewellery	1	-	-
Cosaques, Christmas stockings, etc.	1	-	-
Lampshades	3	-	-
TOTAL	85	-	-

OUTWORK

(Sections 133 & 134)

Section 134	Section 133		Nature of work
Number of persons employed in work in various occupations specified	Number of cases of default in working hours of the Council	Number of outworkers in various list as given by Section 133 (1) (a)	
-	-	21	Working hours
-	-	2	Making etc., Cleaning and washing
-	-	2	Household linen
-	-	6	Carriage and furniture hangings
-	-	1	Furniture and Upholstery
-	-	4	Artificial flowers
-	-	-	The making of boxes or other receptacles or pails covered with shell or specially of paper
-	-	2	Jewellery
-	-	1	Conspicuous, Christmas stockings, etc.
-	-	2	Embroidered
-	-	63	TOTAL

APPENDIX II
 PREVENTION OF DAMAGE BY PESTS ACT, 1949
 Report for 12 months ended 31st December 1964

		TYPE OF PROPERTY				
		Non-Agricultural				Agricultural
		Local Authority	Dwelling houses (including Council houses)	All other (including business premises)	Total of 1, 2 and 3	
(1)	(2)	(3)	(4)	(5)		
I	Number of properties in Local Authority's District	369	46,223	7,498	54,090	23
II	Total number of properties inspected as a result of notification	8	414	93	515	-
	Number of such properties found to be infested by:-					
	Common rat Major	-	-	-	-	-
	Minor	7	272	67	346	-
	Ship rat Major	-	-	-	-	-
	Minor	-	-	-	-	-
	House mouse Major	-	-	-	-	-
	Minor	-	55	11	66	-
III Contd.	Total number of properties inspected in the course of survey under the Act	-	430	20	450	-
	Number of such properties found to be infested by:-					
	Common rat Major	-	-	-	-	-
	Minor	-	260	14	274	-
	Ship rat Major	-	-	-	-	-
	Minor	-	-	-	-	-

		(1)	(2)	(3)	(4)	(5)
III Contd.	House mouse Major Minor	- -	- 16	- 1	- 17	- -
IV	Total number of properties otherwise inspected (e.g. when visited primarily for some other purpose)	-	529	38	567	-
	Number of such properties found to be infested by:-					
	Common rat Major Minor	- -	- 300	- 26	- 326	- -
	Ship rat Major Minor	- -	- -	- -	- -	- -
	House mouse Major Minor	- -	- 68	- 2	- 70	- -
V	Total inspections carried out including re-inspections	71	6,628	737	7,436	-
VI	Number of infested properties (in Sections II, III and IV) treated by the Local Authority	7	978	125	1,110	-
VII	Total treatments carried out including re-treatments	7	1,058	112	1,177	-
VIII	Number of notices served under Section 4 of the Act:					
	(a) Treatment	-	-	-	-	-
	(b) Structural work (i.e. Proofing)	-	-	-	-	-
IX	Number of cases in which default action was taken following the issue of a notice under Section 4 of the Act.	-	-	-	-	-

No.	Description	QTY	UNIT	PRICE	AMOUNT	REMARKS
17	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	
18	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	
19	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	
20	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	
21	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	
22	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	
23	100 lbs. sugar 100 lbs. flour 100 lbs. corn meal 100 lbs. rice	4	100	1.75	7.00	

	(1)	(2)	(3)	(4)	(5)
X Legal proceedings	-	-	-	-	-
XI Number of "Block" control schemes carried out	-	155	6	161	-

