

[Report of the Medical Officer of Health for Poplar, Metropolitan Borough].

Contributors

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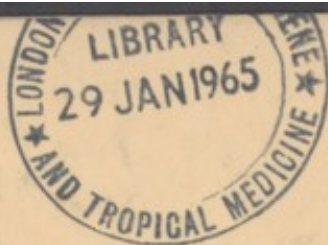
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POP 69

Metropolitan Borough of Poplar



ANNUAL REPORT

OF

The Medical Officer of Health

FOR THE YEAR

1963

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METROPOLITAN BOROUGH OF POPLAR

PUBLIC HEALTH COMMITTEE, 1963 - 1964

COUNCILLOR J. GILLENDER, J.P.,
Mayor (*ex officio*)

CHAIRMAN:

COUNCILLOR J. C. ROBERTS

VICE-CHAIRMAN:

COUNCILLOR A. T. BRION

ALDERMEN:

C. BLABER, J.P.

T. H. MITCHELL

COUNCILLORS:

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R. E. GAYLER

P. CONNOLLY

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Mrs. N. F. CRESSALL

Mrs. M. M. SAUNDERS

J. J. DOCKER

Mrs. H. F. SMITH

J. W. DAY

J. T. TUCKER

W. T. TUSON

COUNCIL'S REPRESENTATIVES

ON THE

LONDON COUNTY COUNCIL (DIVISION 5)

HEALTH COMMITTEE

ALDERMAN Mrs. M. GOODWAY

COUNCILLOR F. C. PHILP

STAFF OF THE PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH

W.C. TURNER, M.D., B.S., D.P.H., D.I.H.

SENIOR P.H. INSPECTOR

H.W. LUKE (a) (b)

P.H. INSPECTORS

C.J. Cooley (a) (b) (c) to 17.6.63. S.F. Everitt (a) (b)
W.T. Gardiner (a) (b) from 7.1.63. F.S. Jolliffe (a) (b)
J. Leary (a) (b) from 8.1.63. F. Ritson (a) (b) from 9.12.63.
J.E.G. Steeden (a) C. Wapshere (a) (b) from 9.12.63. C. Whitelock (a) (b)

P.H. INSPECTORS' ASSISTANT

S. R. Crawford

MEAT AND FOOD INSPECTOR &

ASSISTANT

G.W. East (a) (b)

J.P. Branagan

CLEAN AIR INSPECTOR

L.J. Windsor (a) (b) (c)

PUBLIC HEALTH INSPECTOR TRAINEES

I.L. Hughes from 18.2.63. J. Leary to 7.1.63. J.G. Palmer
F. Ritson to 8.12.63. C. Wapshere to 8.12.63.

WOMAN WELFARE OFFICER

ASSISTANT

Miss O.R. Parsons, S.R.N., S.C.M., R.M.N. Miss M.E. Waller from 1.4.63.

CHIEF CLERK

G.R. Williamson

SENIOR CLERK

A.M. Cannon

CLERKS

W.J. Crone D.C. Coombs Mrs. M. Harvey from 25.2.63.
T.E. Oldfield to 14.1.63. Mrs. M.J. Riley Mrs. M. Wren
Miss M.E. Waller to 31.3.63.

DISINFECTION / DISINFESTATION

R. Desmond (Chief Disinfector) and 5 Assistants
J. Farmer (Rodent Officer) and 6 Rodent Operatives

MORTUARY KEEPER

G.T. Pacey

(a) Cert. R.S.I. & S.I.E.J.B. (b) Cert. Meat & Food Inspector
(c) Smoke Insp. Certificate

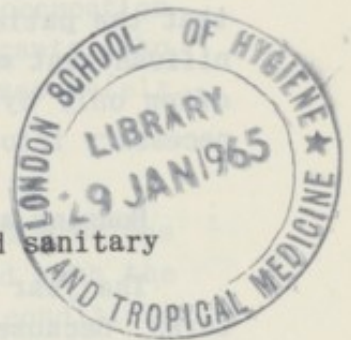
Public Health Department,
Poplar Town Hall,
Bow Road, E. 3.

Telephone No. ADVance 4414.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE
METROPOLITAN BOROUGH OF POPLAR,

Mr. Mayor, Ladies and Gentlemen,

I have the honour to submit my Annual Report on the health and sanitary
circumstances of the Borough during the year 1963.



Population.

The population rose by 490 to reach a total of 67,830. This is in keeping with the trend indicated in my report last year. It is estimated that there will be a small but steady increase in the years of redevelopment of this area.

Births.

Live births were 4% lower than last year totalling 1,345.

Still births showed a threefold increase in the year and possible reasons for this are under investigation.

Deaths.

The peri-natal mortality rate also showed an increase of 35%. This situation is one of considerable concern and is the subject of investigation.

Whilst death from lung cancer showed no material change, bronchitis still continued to show an upward trend being approximately 13% above 1962.

Deaths from heart conditions, coronary disease and hypertension showed an approximate decrease of 11%. These may reflect a diminution in smoking habits but almost certainly is due to new drugs which are delaying the deaths of people with these conditions.

Infectious Diseases.

Although the number of cases of infectious diseases was more than double the total of last year the greater part was accounted for by childhood diseases, - measles, whooping cough and scarlet fever. There were, however, three confirmed cases of typhoid, the details of which are set out in the

body of my report. In each case a satisfactory result was obtained and measures were taken to prevent any spread of this unpleasant and contagious disease.

It is one of the great difficulties in tracing the origin of infection that the patient and contacts often omit details, which to them seem insignificant but which, in reality, hold the key to the source of infection. Thus, often only by reiteration of questions and checking of statements can the necessary information be obtained.

Housing and General.

The year 1963 was ushered in by a severe winter with sub-zero temperatures. Because of great distress caused by flooding due to burst pipes, the Disinfecting Station staff were placed on "instant call" duty to deal with wet bedding and clothing. The staff returned to duty in the evenings and at week-ends. In one part of the Borough arctic conditions brought chaos to a large block of privately owned buildings consisting of hundreds of dwellings, when underground drains froze and practically all soil pipes were frozen, and, as a result, many burst.

During this prolonged cold spell a "red warning" was in operation by the Emergency Bed Service and hospital admissions were the highest since the period of fog and the influenza outbreak which followed it in the winter of 1952/53.

Mobile Dwellings.

During the year 221 licences were granted to the London County Council for the erection of mobile homes on various sites throughout the Borough. Not only are they providing many families with urgently needed accommodation but, at the same time, their erection has reduced the number of open sites which have occasioned so much nuisance and undesirable occupation by caravan trespassers in the past.

Houses in Multiple Occupation.

Work under this section of the Housing Act produced a number of problems. There was difficulty on many occasions in establishing not only the ownership of premises but also the occupation of individual rooms. The frequent changes of the tenancy of rooms made it necessary for regular re-visiting of all premises registered under this section of the Housing Act and, in many cases, this entailed inspection at night.

As the survey of the Borough proceeded and more premises came under surveillance, it became apparent that in order for satisfactory progress to be maintained a separate section dealing full-time with the problems of

Multiple Occupation must be set up and this was made possible by the appointment of two temporary Public Health Inspectors in December.

It is important that the practice of over-occupation of houses be stopped before it becomes out of control. The law needs strengthening so that houses suitable for multiple occupation can be registered before re-occupation, as the nuisance is made worse by owners, many being recent immigrants, who purchase old property when vacant and proceed to let each room separately.

Welfare.

The Welfare Section of the department dealing with Old People's problems is now well established and nearly a 1,000 cases are registered with the department. The regular routine visiting and checking of living conditions and welfare is maintained. At the same time every effort is made to discover new cases where assistance is required. The auxiliary services of Home Bathing and Incontinent Laundry Service are being utilised to their full capacity.

The Annual Holiday under the supervision of the Welfare Officer, arranged by the Mayor, was extremely successful and enjoyed immensely by the participants.

Clean Air.

The area of the Borough now under Clean Air Zones amounts to 428 acres. A further Order affecting 501 acres comes into operation on the 1st July, 1964, and, in addition, preparations are in hand for the survey and representation of further areas in 1965 which will bring the greater part of the Borough under Control.

During the year Poplar Borough Council was one of the authorities co-operating with the College of General Practitioners in an endeavour to ascertain whether there was any correlation in varying levels of air pollution and the incidence of respiratory disease.

The department was also able to participate in a special investigation in connection with crossinfection in hospital wards. During research carried out by the Hospital Group Pathologist ventilation studies were conducted, using an electrostatic precipitator, primarily with a view to eliminating bacteria. It was fortunate that the apparatus was working during the smog, the haze producing particles of which were completely eliminated by the precipitator, with tremendous advantage to patients with bad chests in the ward as compared with those in other parts of the hospital not treated. We were able to demonstrate with volumetric sulphur dioxide apparatus that in spite of the clinical advantage to chest patients this was achieved without removal of the sulphur dioxide as the level recorded inside the ward was, if anything, slightly higher than that outside.

Health Education.

Greater consideration is being given by the department to increasing activity in the field of Health Education. There is a great need for a more strenuous policy by all authorities connected with public welfare; unnecessary infection, home accidents and injuries are brought about by carelessness, ignorance and failure to take elementary precautions. A vigorous campaign to spread knowledge is a matter of urgency.

I would like to express my thanks to Members of the Council and, in particular, to the Chairman and Members of the Public Health Committee, for their help and encouragement.

My thanks are also due to the other Chief Officers and their staffs for their assistance and co-operation at all times, and to my own staff for their loyal and ready support.

I have the honour to be,

Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

W. C. TURNER,

Medical Officer of Health.

SECTION A

VITAL STATISTICS

During the year births registered exceeded deaths registered by 595 and the home population estimated by the Registrar General to number 67,830 at the middle of the year shows an increase of 490 compared with the estimate for the previous year.

The birth rate was 19.82 per 1,000 of the population as compared with 20.84 for 1962. To enable a fair comparison to be made with other areas and the country as a whole, area comparability factors which take into consideration the age and sex distribution of the population are provided by the Registrar General. Factors are supplied both for births and deaths. Using the comparability factor the adjusted birth rate would be 18.82 as compared with 18.2 for England and Wales.

The infant mortality rate, being the number of deaths of infants under one year of age per 1,000 births, was 23.04 as compared with 24.21 for the previous year. The figures for England and Wales are 20.9 and 21.4 respectively.

The death rate in 1963 was 11.05 per 1,000 of the population as compared with 11.55 for 1962. Again using the comparability factor the adjusted death rate would be 13.48 as compared with 12.2 for England and Wales. Comparative rates for the previous year were 13.05 and 11.9 respectively.

The causes of death are shown in Table 1 in accordance with the classification used by the Registrar General. Deaths from neoplasm of the lung show no appreciable change. It is worth noting that coronary disease, which has been increasing steadily over the past few years, has this year shown an appreciable decrease.

STATISTICS OF THE AREA

Area (excluding water)	..	..	..	2,136 acres
Area (including water)	..	..	..	2,331 acres
Population, estimated mid-year	..	..	..	67,830
Number of inhabited houses (according to Rate books)	..	..	..	18,424
Rateable Value	..	..	..	£4,657,625
General Rate (1961-1962)	..	..	..	7s. 10d. in £
Sum represented by a penny rate (1961-1962)	..	..	..	£18,400

TABLE 1

DEATHS

CAUSE OF DEATH	SEX	TOTAL ALL AGES	UNDER 4 WEEKS	4Wks. and UNDER 1YEAR	AGE IN YEARS									
					1 -	5 -	15 -	25 -	35 -	45 -	55 -	65 -	75 & over	
1. Tuberculosis, respiratory	M	7	-	-	-	-	-	-	1	1	2	2	1	
	F	1	-	-	-	-	-	-	1	-	-	-	-	
2. Syphilitic Disease	M	-	-	-	-	-	-	-	-	-	-	-	-	
	F	1	-	-	-	-	-	-	-	-	1	-	-	
3. Other infective and parasitic diseases	M	-	-	-	-	-	-	-	-	-	-	-	-	
	F	1	-	-	-	-	-	1	-	-	-	-	-	
4. Malignant neoplasm, stomach	M	17	-	-	-	-	-	-	2	-	5	3	7	
	F	10	-	-	-	-	-	-	1	-	3	4	2	
5. Malignant neoplasm, lung, bronchus	M	31	-	-	-	-	-	-	-	4	15	8	4	
	F	12	-	-	-	-	-	-	4	-	4	3	1	
6. Malignant neoplasm, breast	M	-	-	-	-	-	-	-	-	-	-	-	-	
	F	13	-	-	-	-	-	-	2	2	4	3	2	
7. Malignant neoplasm, Uterus	F	3	-	-	-	-	-	-	-	-	1	1	1	
8. Other malignant and lymphatic neoplasms	M	42	-	1	-	-	-	2	2	1	9	10	17	
	F	30	-	1	-	-	-	1	-	2	7	7	12	
9. Leukaemia, Aleukaemia	M	4	-	-	1	-	-	-	-	-	2	-	1	
	F	1	-	-	-	-	-	-	-	-	-	-	1	
10. Diabetes	M	1	-	-	-	-	-	-	-	-	-	1	-	
	F	7	-	-	-	-	-	-	-	1	-	1	5	
11. Vascular lesions of nervous system	M	29	-	-	-	-	-	1	-	-	6	8	14	
	F	57	-	-	-	-	-	-	1	5	6	13	32	
12. Coronary Disease, angina	M	78	-	-	-	-	-	1	3	17	16	22	19	
	F	49	-	-	-	-	-	-	-	1	3	23	22	
13. Hypertension with heart disease	M	3	-	-	-	-	-	-	-	-	1	2	-	
	F	4	-	-	-	-	-	-	-	1	-	2	1	
14. Other heart disease	M	22	-	-	-	-	1	-	1	2	5	2	11	
	F	29	-	-	-	-	-	-	-	-	7	12	10	
15. Other circulatory disease	M	18	-	-	-	-	1	-	-	1	1	2	13	
	F	24	-	-	-	-	1	-	-	2	4	9	8	
16. Influenza	M	1	-	-	-	-	-	-	-	-	-	1	-	
	F	4	-	-	1	-	-	-	-	-	1	-	2	
17. Pneumonia	M	32	-	1	-	1	-	-	-	5	4	6	16	
	F	25	-	1	-	-	-	-	-	-	2	5	17	
18. Bronchitis	M	54	-	2	-	-	-	-	1	2	12	19	18	
	F	23	-	1	-	-	-	-	-	1	2	3	16	
19. Other diseases of respiratory system	M	3	-	-	-	-	-	-	-	-	1	2	-	
	F	4	1	1	-	-	-	-	-	-	-	1	1	
20. Ulcer of stomach and duodenum	M	4	-	-	-	-	-	-	-	-	2	2	-	
	F	4	-	-	-	-	-	-	-	-	1	-	3	
21. Gastritis, enteritis and diarrhoea	M	3	-	1	-	-	-	-	-	-	-	1	1	
	F	2	-	-	1	-	-	-	-	-	-	1	-	
22. Nephritis and nephrosis	M	2	-	-	-	-	-	2	-	-	-	-	-	
	F	-	-	-	-	-	-	-	-	-	-	-	-	
23. Hyperplasia of prostate	M	4	-	-	-	-	-	-	-	-	1	3	-	
24. Pregnancy, childbirth, abortion	F	1	-	-	-	-	-	1	-	-	-	-	-	
25. Congenital malformations	M	9	5	2	-	-	-	-	-	-	1	-	1	
	F	3	-	2	-	-	-	-	-	1	-	-	-	
26. Other defined and ill-defined diseases	M	15	5	-	1	-	-	-	1	1	2	1	4	
	F	26	5	-	-	-	-	-	1	1	3	2	14	
27. Motor vehicle accidents	M	4	-	-	1	-	1	-	-	1	-	-	1	
	F	3	-	-	-	-	2	-	-	-	-	-	1	
28. All other accidents	M	12	-	1	1	1	-	1	1	-	1	3	3	
	F	8	1	-	2	-	-	-	-	-	-	1	4	
29. Suicide	M	6	-	-	-	-	-	-	-	1	1	3	1	
	F	4	-	-	-	-	-	-	-	1	2	1	-	
TOTAL ALL CAUSES	M	401	10	8	4	2	3	7	12	36	87	100	132	
	F	349	7	6	4	-	3	3	10	18	51	92	155	

EXTRACTS FROM VITAL STATISTICS FOR THE YEAR

		Males	Females	Total
Live Births :	Legitimate ..	590	601	1,191
	Illegitimate ..	78	76	154
Birth Rate per 1,000 estimated resident population				19.82
Stillbirths :	Legitimate ..	15	7	22
	Illegitimate ..	3	3	6
Rate per 1,000 total (live and still) births				20.39
Total live and still births				1,373
Deaths ..	..	401	349	750
Death rate per 1,000 estimated resident population				11.05
Deaths of Infants under one year of age :				
	Legitimate ..	15	10	25
	Illegitimate --	3	3	6
Death rate of Infants under one year of age :				
	Legitimate infants per 1,000 legitimate live births			20.99
	Illegitimate infants per 1,000 illegitimate live births			38.96
	All infants per 1,000 live births			23.04
Neo-natal mortality rate (under 4 weeks) per 1,000 live births				12.63
Illegitimate Live births per cent of total live births				11.44
Early Neo-natal mortality rate (under 1 week) per 1,000 Live births				11.15
Perinatal mortality rate (stillbirths and deaths under 1 week combined) per 1,000 live and still births				31.31
Maternal deaths (including abortion)				1
Maternal mortality rate per 1,000 live and stillbirths				-

SECTION B

SANITARY CIRCUMSTANCES OF THE AREA

WATER SUPPLY

The domestic water supply in the Borough is taken from the Metropolitan Water Board. Samples of the water are subjected to regular routine chemical and bacteriological examination at the Board's laboratories and the results of these examinations are made available to the local authority.

The water supply to the Borough has been satisfactory both in quality and quantity during 1963.

The water supply to the area is a mixture of River Thames-derived and River Lee-derived filtered water in varying and unpredictable proportions. A summary of the results of the chemical and bacteriological analyses of the water passing into supply from these two sources for the year 1963 is set out on page 16.

The waters are not plumbo-solvent.

Immediate action is taken in respect of any form of contamination revealed by inspection or analysis. All new and repaired mains are disinfected with chlorine and the water in them is checked as to its quality afterwards, before the structures are restored to service.

All inhabited houses are supplied with a piped water supply direct to them, and no houses are permanently supplied by standpipe.

There have been no new sources of supply or new important extensions of trunk mains in this area during the period under consideration, and there were no changes in the general scheme of supply. New mains were laid to the extent of 519 yards.

Acknowledgements are due to Dr. E. Windle Taylor, Director of Water Examination, Metropolitan Water Board, who supplied these facts and figures.

Water supply certificates were granted in accordance with Section 95 of the Public Health (London) Act, 1936, in 182 cases.

There are 11 private wells in the Borough, some of which are used for industrial purposes. In no case is the water used for drinking purposes, but by arrangement with the owners of the wells, the Metropolitan Water Board takes samples periodically for examination so as to have some record of the probable suitability of the water for drinking should this become necessary.

in the unlikely event of a major breakdown in the normal supply or in case of war.

(See overleaf for analysis of water supplies)

SANITARY INSPECTION OF THE AREA.

The District Public Health Inspectors are responsible for the investigation of all complaints in connection with premises within their areas whether these be used as dwellings or for commercial or industrial purposes. The greater portion of the work concerns dwellings as can be seen from the summary of work done which follows, on page 17.

CONDITION OF THE RIVER THAMES.

From local observations the general condition of the river has continued to improve.

Extract from the Annual Report of the Scientific Adviser of the London County Council :

"A daily analysis is made of samples collected from midstream off both L.C.C. sewage outfall works. A survey of the analytical results shows that by comparison with conditions during the previous ten years, the condition of the river was considerably worse in the upper reaches, but there was an appreciable improvement in the middle river, off the outfalls and in the lower river.

The incidence of sulphides in water devoid of oxygen was the lowest recorded since regular determinations of sulphide were started in 1953. Particularly in view of the exceptionally low upland flow, this can only have been due to the improved condition of the river.

A greatly improved effluent will next year be discharged from the new Southern Outfall Plant and further improvement in the river condition is to be expected. It must, however, be recorded that there is a tendency for a greater pollution load to arrive at the Northern Outfall Works and without further purification plant deterioration in the quality of the effluent from this station is inevitable."

AVERAGE RESULTS OF THE CHEMICAL EXAMINATION OF WATER SUPPLIED TO BOROUGH OF POPLAR 1963

MILLIGRAMMES PER LITRE (UNLESS OTHERWISE STATED)

DESCRIPTION OF THE SAMPLE	NO. OF SAMPLES	AMMONIA NITROGEN	ALBUMINOID NITROGEN	NITRATE NITROGEN	CHLORIDES AS CL.	OXYGEN ABS. FROM PER-MANGANATE 4 HOURS AT 27 ⁰ C.	TURBIDITY UNITS	COLOUR M.M. BROWN 2FT. TUBE BURGESS'S TINTOMETER	HARDNESS (TOTAL)
LEE BRIDGE (LEE DERIVED)	52	0.185	0.110	4.2	48	1.48	0.6	13	330
THAMES DERIVED SOUTH OF RIVER	156	0.20	0.079	3.8	32	1.18	0.3	10	266

DESCRIPTION OF THE SAMPLE (CONT.)	HARDNESS (NON CARBONATE)	pH VALUE	PHOSPHATE AS PO ₄	SILLICATE AS SiO ₂	SULPHATE AS SO ₄	SURFACE ACTIVE MATERIAL AS MANOXOL	NATURAL FLUORIDE	MAGNESIUM AS MG	B.O.D. 5 DAYS AT 20 ⁰ C.	SODIUM AS Na	POTASSIUM AS K	ELECTRICAL CONDUCTIVITY MICROMHOS
LEE BRIDGE (LEE DERIVED)	100	8.0	2.3	8	108	0.20	0.35	8		38	7.8	700
THAMES DERIVED SOUTH OF RIVER	66	7.8	1.3	11	62	0.08	0.25	5		25	5.2	550

METROPOLITAN WATER BOARD - WATER EXAMINATION DEPARTMENT

BACTERIOLOGICAL RESULTS - YEARLY AVERAGES, 1963

AFTER TREATMENT		AGAR PLATE COUNT PER ML.		COLIFORM COUNT	E. COLI COUNT
SOURCE OF SUPPLY	NUMBER OF SAMPLES	20-24 HOURS AT 37° C.	3 DAYS AT 22° C.	PER CENT SAMPLES NEGATIVE IN 100 ML.	PER CENT SAMPLES NEGATIVE IN 100 ML.
LEE BRIDGE (LEE DERIVED)	521	42.9		99.42	99.42
THAMES DERIVED SOUTH OF RIVER	1,873	12.5		99.41	99.47

TABLE I I

INSPECTIONS, INSANITARY CONDITIONS THEN EXISTING
AND RE-INSPECTIONS DURING THE YEAR 1963

Number of Complaints received		3,017
Number of Inspections	(House-to-House	777
	(Dwelling Houses { On complaint	2,975
	(After Infectious Disease	312
	(Factories { Where power is used	138
	(No power used	-
Others		-
Outworkers		12
Stables		-
Smoke Observations		25
Miscellaneous visits, re-inspections (including visits to infectious disease contacts, school inspections, etc.)		6,827
Premises requiring amendment	(Dwelling Houses	1,985
	(Others	24
Service of Intimations, etc.		
Intimations served		1,588
Intimations complied with		1,202
Notices served		624
Notices complied with		434
Final notices served		127
Final notices complied with		78
Summonses applied for		76
Work done (number of instances not included above)		
(a) After legal proceedings		61
(b) Voluntarily		54
Defects - found in Dwelling Houses :		
		Nuisances etc. found
		Works completed
Drainage - Defective drains		21
Drains obstructed		125
Waste pipes defective, etc.		87
Rainwater pipes not disconnected		-
W.C's and flushing apparatus defective		181
		20
		118
		73
		-
		162

TABLE II (Contd.)

	Nuisances etc. found	Works completed
--	-------------------------	--------------------

Dampness : (Not due to defects shown elsewhere)	487	463
---	-----	-----

Water : Supply cut off	22	22
------------------------	----	----

Dust receptacles : Insufficient or defective	15	15
--	----	----

Miscellaneous :

Rooms, etc., dirty and/or verminous	196	196
-------------------------------------	-----	-----

Cases of overcrowding	31	-
-----------------------	----	---

Yards, etc., not properly paved or drained	18	17
--	----	----

Roofs defective	386	354
-----------------	-----	-----

Rainwater pipes and gutters defective	301	278
---------------------------------------	-----	-----

Public House urinals requiring cleansing	12	12
--	----	----

Other nuisances or defects	2,430	2,210
----------------------------	-------	-------

Defects, etc., found in Factories :

Sanitary defects	-	-
------------------	---	---

W. C. accommodation insufficient or unsuitable	18	18
--	----	----

Overcrowding	-	-
--------------	---	---

Stables :

Accumulations found	-	-
---------------------	---	---

Manure receptacles defective	-	-
------------------------------	---	---

LEGAL PROCEEDINGS.

The institution of legal proceedings under the Public Health (London) Act 1936, the L.C.C. (General Powers) Act, 1927, and the Housing Act, 1957, Section 36, was necessary in the following instances. Table III showing details and results is set out on the following page.

HOUSES IN MULTIPLE OCCUPATION

Day Inspections	488
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Night Inspections	96
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Notices of Direction served	55
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TABLE III

PUBLIC HEALTH (LONDON) ACT, 1936

Address	Nature of Complaint	Result
103 Morville Street	Defective W.C. pan and various defects	28 days Order Costs £3.9.0.
Bow Common Lane, Caravan coloured yellow	Accumulation of domestic refuse	Caravan removed Summons not served
16 Highland Street	Main roof leaking and various other defects	Work done Costs £3.9.0.
83 Hind Grove	First floor front room - defective reveals to windows and various other defects	-do-
515 Grosvenor Buildings	Bedroom - dampness to wall, defective reveals to windows	28 days Order Costs £3.9.0.
399 Grosvenor Buildings	Roof leaking. Defective gutter and various other defects	-do-
494 Grosvenor Buildings	Bedrooms - dampness to walls and ceiling. Defective gutters	-do-
340 Grosvenor Buildings	Roof leaking, gutter defective. Living room-dampness to walls and ceiling	-do-
188 Grosvenor Buildings	Roof leaking. Living room-dampness to walls and ceiling	-do-
475 Grosvenor Buildings	Living room-dampness to walls	Work done Costs £3.9.0.
Blocks 19-26 Grosvenor Buildings	Clear accumulation from rear yard	28 days Order Costs £3.9.0.
381 Grosvenor Buildings	Bedroom-dampness to walls. Living room-dampness to walls. Defective plinth and yard paving	-do-
485 Grosvenor Buildings	Bedroom-dampness to walls and ceiling, perished sashes to bedrooms. Defective gutters	-do-
186 Grosvenor Buildings	Kitchen-dampness to walls and ceiling, and various other defects	-do-
4 Cantrell Road	Unlawfully fail to comply with a Nuisance Order	Fine £20 Costs £3.9.0.
16a Andrew Street	Rainwater pipe to yard W.C. structure broken and defective	28 days Order Costs £3.9.0.
321 East India Dock Road	Waste pipe to ground floor W.C. lavatory basin broken and defective, etc.	-do-
25 Byron Street	Unlawfully fail to comply with a Nuisance Order dated 31st May, 1962	Fine £1.0.0. Costs 13s. 6d.
49 Burcham Street	Ground floor back addition guttering perished and defective	Work done Costs £3.9.0.
123 Cadogan Terrace	Basement W.C. door missing, no water supply to cistern Basement scullery	-do-
12 Tredegar Road	Ground floor back addition-sink waste pipe discharging over first floor landing, and various defects	-do-
5 Chad Street	Ground floor back-floor defective and various defects	-do-
11 Chad Street	Defective and broken rear rainwater pipe	-do-

Address	Nature of Complaint	Result
2 Usher Road	First floor front room sill joint defective, and various defects	Work done Costs £3.9.0.
91 Morville Street	Burst pipe in main water supply pipe in scullery. No water supply to house or W.C.	-do-
101 Morville Street	Roofs defective-main & W.C., and various defects	28 days Order Costs £3.9.0.
107 Morville Street	Dampness in W.C. Defective lower back addition gutter and roof	Work done Costs £3.9.0.
6 Lacey Street	Ground floor scullery-flooring and wallplaster defective and various defects	-do-
5 Chad Street	Burst Pipe in coal cellar. No water supply to house	-do-
29 Ferry Street	Top floor front room-walls damp and various defects	-do-
8 Manchester Road	Ground floor back room window beading broken, sash may fall out, etc.	-do-
46 Gaselee Street	Main roof defective & various defects	-do-
20 Mellish Street	Kitchen Ceiling collapsed	-do-
35 Strafford Street	Burst water service pipe	-do-
99 Morville Street	Ground floor back addition sash defective-bottom bar broken. First floor back addition gutter defective-rain falls	-do-
2 Cantrell Road	Burst water pipe in W.C. causing severe dampness in ground floor back addition kitchen	-do-
3 Burcham Street	Yard W.C. pan broken and defective	-do-
43 Burcham Street	Roof leaking and other defects	-do-
46 Portree Street	Ground floor front room wall damp and various defects	28 days Order Costs £3.9.0.
4 Cantrell Road	Unlawfully fail to comply with a Nuisance Order	Fine £10.0.0. Costs £3.9.0.
18 Moness Street	Soil basin to yard W.C. broken and defective	Work done Costs £3.9.0.
47 Ordell Road	Provide and fit new W.C. pan and other defects	-do-
30 Usher Road	First floor back addition and window box frame loose in setting and dangerous, and various other defects	28 days Order Costs £3.9.0.
83 Monier Road	W.C. cistern defective, pan broken and unusable	Work done Costs £3.9.0.
4 Ellerman Street	Rear yard W.C. pan broken	-do-
91 Hind Grove	Rear elevation-defective gutters and various other defects	-do-
95 Hind Grove	Rear yard-wash house-burst pipe and various other defects	28 days Order Costs £3.9.0.
69 Garford Street	Ground floor back addition room-defective flooring	Work done Costs £3.9.0.
12 Gough Grove	W.C.-dampness to walls and various other defects	-do-
173 St. Leonards Road	Main roof leaking and various other defects	Summons Withdrawn

Address	Nature of Complaint	Result
94 Malmesbury Road	First floor back addition-window frame defective	Work done Costs £3.9.0.
52 Quickett Street	Eaves soffit at front of premises defective and dangerous	-do-
50 Quickett Street	Ground floor front room wall damp	-do-
84 Jodrell Road	Defective and broken tiles on main roof and other defects	-do-
51 Armagh Road	Main and back addition roofs rear rainwater pipe and hopper defective, and various defects	28 days Order Costs £3.9.0.
42 Fairfield Road	Basement front room walls damp, back room walls damp, staircase walls damp	-do-
7 Chad Street	Broken W.C. pan to be replaced, etc.	Work done Costs £3.9.0.
197 Malmesbury Road	Smoke nuisance from ground floor back addition room stove	-do-
75 Cadogan Terrace	Main roof or gutter defective, and various defects	-do-
8 Lacey Street	W.C. water waste preventer overflowing, and various other defects	-do-
4 Cantrell Road	Unlawfully fail to comply with a Nuisance Order dated 29th Nov. 1962	Work done Summons withdrawn
34 Addington Road	Basement back room-main rear and party walls damp (rising) and various other defects	28 days Order Costs £3.9.0.
3 Lacey Street	Roof and/or valley gutter defective, and other defects	Work done Costs £3.9.0.
7 Lacey Street	Defective roof and/or valley gutter causing damp in first floor front ceiling	-do-
30 Usher Road	Unlawfully fail to comply with a Nuisance Order in relation to 30 Usher Road, dated 9th May, 1963	Fine £5.0.0. Costs £5.0.0.
133a Usher Road	Noise which is a nuisance	Adjourned sine die
3 Burcham Street	Main roof leaking and other defects	Work done Penalty £5.0.0. Costs £3.9.0.
20 Tredegar Road	Defective roof and various other defects	Summons not served Defendant ill
484 Old Ford Road	Top floor front room ceiling plaster defective and various other defects	Work done Penalty £5.0.0. Costs £3.9.0.
101 Monier Road	Back addition gutter obstructed and various other defects	Work done Costs £3.9.0.
14 Merchant Street	Fresh air inlet flap broken, yard paving defective, and various other defects	Work done Summons Withdrawn
222 Devons Road	Ground floor back addition not weather-proof. First floor back addition roof not weatherproof	28 days Order Costs £3.9.0.
74 Parnell Road	Roof defective causing dampness in both front rooms on first floor. Landing sash defective and dangerous	Work done Costs £3.9.0.
299 Old Ford Road	Defective W.C. roof	-do-
7 Lacey Street	Back addition roof gutter defective and other defects	-do-

Address	Nature of Complaint	Result
47 Libra Road	First floor front room and other defects	Work done Costs £3.9.0.
34 Morville Street	Ground floor back addition-W.C. pan cracked and defective, cone joint leaking. First floor back addition room-defective sash cords	-do-
5 Appian Road	Leaking and defective water supply in ground floor back addition room. Back addition roof leaking and defective	-do-
101 Morville Street	Unlawfully fail to comply with a Nuisance Order in relation to 101 Morville Street dated 2nd May, 1963	-do-
6 Lacey Street	Back addition scullery-defective and damp ceiling and dampness to walls, and various other defects.	-do-

DRAINAGE.

During the year 184 plans of drainage works to new and existing buildings were submitted and approved.

SEWAGE DISPOSAL AND SEWERAGE.

The disposal of sewage in London is the responsibility of the London County Council, and the position as far as Poplar is concerned is generally satisfactory.

OFFENSIVE TRADES.

One Dresser of Furskins is established in the Borough.

COMMON LODGING HOUSES

There was one licensed Common Lodging House, with accommodation for 244 males, in the Borough. 5 day inspections and 2 night inspections were made during the year.

SEAMEN'S LODGING HOUSES

There were two licensed Seamen's Lodging Houses, providing accommodation for 187 and 26 males respectively, in the Borough.

Inspections made during the year totalled 5. One was made at night and four during the day.

Each year, when considering applications for renewal of licences for Common Lodging Houses and Seamen's Lodging Houses detailed inspections are made of the premises by :

- (a) Public Health Department
- (b) Borough Engineer and Surveyor's Department
This includes fire precautions.
- (c) London Electricity Board

and a licence is issued subject to the requirements and recommendations of these Departments being met.

PERSONAL CLEANSING

As in recent years the arrangement was continued with Stepney Borough Council whereby persons requiring personal cleansing were treated where necessary at the Stepney Cleansing Station at Branch Road.

The Poplar Cleansing Station, which is in Yeo Street adjoining the Disinfecting Station, is maintained in proper order and can be re-opened at any time should this be necessary.

The number of persons cleansed during 1963 was as follows :

	<i>Verminous</i>	<i>Scabies</i>	<i>TOTAL</i>
Adults	39	21	60
Children	2	2	4
TOTAL	41	23	64

DISINFECTION AND DISINFESTATION

The Council maintains a disinfecting station at Yeo Street and a summary of the work carried out is given below :

(a) Disinfection :

	Premises Disinfected	Articles Disinfected
Infectious Disease ...	22	200
Tuberculosis ...	48	353
Scabies ...	1	33
Miscellaneous ...	495	1,712
TOTALS	566	2,298

In addition 251 tons of waste paper, and 21 tons, 13 cwts of sterilised Rags were disinfected.

(b) Disinfestation :

Inspections :

Number of visits ...	662
Premises requiring treatment ...	661
Furniture requiring treatment ...	158
Number of treatments ...	1,145
Re-inspections after disinfestation ...	64
Miscellaneous visits and revisits ...	59

Disinfestation carried out :

Rooms (in 895 premises) ...	1,627
Beds, bedding, etc., articles ...	4,135
Furniture articles ...	4,756

PREVENTION OF DAMAGE BY PESTS ACT, 1949

The work of Rodent Control is carried out by skilled and experienced operatives with supervision by the Council's Officers and all repression work is carried out by methods approved by the Ministry of Agriculture, Fisheries and Food. Great care is taken to ensure that baits are protected from domestic animals and non-responsible persons.

The work of the section is divided into three main categories :

(a) Sewer Maintenance Treatment

(b) Business Premises

(c) Dwelling Houses - complaints from occupiers

RODENT CONTROL IN SEWERS.

Between 1943 and 1954 Rodent Control in Sewers was attempted with two treatments a year, using Zinc Phosphide or Arsenous Oxide. This method was considered to be adequate by the Pest Division of the Ministry of Agriculture Fisheries and Food, but an examination of the results showed that over a number of years the rat population in the sewers appeared to be static.

From 1954 treatments were increased to three a year. This showed some improvement which may have been related to the change of bait to one including prepared "Warfarin". With this low level of treatment it appeared that the rat population was able to regain its natural level between treatments.

In 1961 an experiment was begun using Sodium Fluoracetamide (1081) applied with six treatments in the year. The basis of the experiment was that a rat matures and is capable of reproduction at about two months and it was thought that if the rats could be killed before reaching maturity this was likely to be the most satisfactory way of reducing their numbers.

The results are highly encouraging and it is now reported that several sections of the sewerage system have been freed of rats and have remained free.

Table A shows the variation in results over a period of years and

Table B shows the distribution of results over the borough.

Allowing for certain infiltration from extensive dock and railway property and from adjoining boroughs, the improvement in the overall situation is regarded as being very satisfactory.

Table A

YEAR	MANHOLES BAITED	TAKES RECORDED		
		GOOD	COMPLETE	
1943	1,566	234	147	WITH EITHER ZINC PHOSPHIDE AND SAUSAGE OR BREAD RUSK OR ARSENOUS OXIDE AND SAUSAGE OR BREAD RUSK
1946	1,452	175	162	
1947	1,701	125	202	
1948	1,831	138	162	
1949	1,815	199	132	
1954	1,567	212	189	
1956	1,537	233	223	
1958	840	34	141	{ TREATED WITH PREPARED WARFARIN
1959	1,481	57	136	
JAN. 1961	1,478	70	118	TREATED WITH SODIUM FLUORACETAMIDE (1081) AND COMMENCEMENT OF SIX TREATMENTS PER YEAR
MAY 1961	1,382	89	108	
1962	1,413	98	36	
1963	1,421	82	16	

Table B.

COMMENCEMENT OF EXPERIMENT - SIX TREATMENTS A YEAR WITH SAUSAGE RUSK AND SODIUM FLUORACETAMIDE (1081) MAY 1961.

PREBAIT DATES - MAY 1961

MAY 1962

MAY 1963 WITH POISON TREATMENTS AT TWO MONTHLY INTERVALS

AREAS	MANHOLES			TAKES RECORDED		
	YEAR	TOTALS	NO. TREATED	NONE	GOOD	COMPLETE
MILLWALL AREA 1	1961	223	216	184	9 (4.2%)	23 (10.7%)
	1962	223	221	199	17 (7.6%)	5 (2.2%)
	1963	253	229	214	14 (6.1%)	1 (0.4%)
POPLAR HIGH ST. 1 EX	1961	163	147	131	2 (1.3%)	14 (9.5%)
	1962	166	165	160	2 (1.2%)	3 (1.8%)
	1963	165	151	143	6 (3.9%)	2 (1.3%)
ABBOTT RD. AREA 2	1961	179	147	123	16 (10.8%)	8 (5.4%)
	1962	161	136	125	10 (7.3%)	1 (0.7%)
	1963	179	148	140	8 (4.4%)	NIL (NIL)
CHRISP ST. AREA 3	1961	185	151	129	11 (7.3%)	11 (7.3%)
	1962	163	153	139	8 (5.2%)	6 (3.8%)
	1963	169	158	147	7 (4.4%)	4 (2.5%)
DEVONS RD. AREA 4	1961	388	362	322	24 (6.4%)	16 (4.4%)
	1962	375	361	326	25 (6.9%)	10 (2.8%)
	1963	390	359	334	17 (4.7%)	8 (2.2%)
ROMAN RD. AREA 5	1961	406	359	296	27 (7.8%)	36 (10%)
	1962	397	377	335	31 (8.3%)	11 (2.9%)
	1963	409	376	345	30 (7.9%)	1 (0.26%)
TOTALS	1961	1544	1382	1185	89 (6.4%)	108 (7.8%)
	1962	1499	1413	1284	98 (6.5%)	36 (2.5%)
	1963	1565	1421	1323	82 (5.7%)	16 (1.1%)

BUSINESS PREMISES

This scheme was introduced in 1943. Following the inspection of commercial premises and industrial sites, the Owners are encouraged to join the scheme. The charge for the service is based on the extent of infestation, the number of visits likely to be required, and the cost of labour and materials. In an area with nearly nine miles of river frontage to the Thames and Lea this enables the treatments to spread over a large number of premises and gives a very satisfactory measure of control. It is appreciated by the Commercial undertakers, and is a valuable part of rat repression work carried out in the Borough. The income derived from this scheme amounted to £5,034 during the year.

DWELLING HOUSES

373 complaints relating to dwelling houses received during the year. No serious infestations were discovered.

**DETAILS OF WORK CARRIED OUT UNDER THE PREVENTION OF DAMAGE BY PESTS ACT, 1949
DURING THE YEAR UNDER REVIEW**

	T Y P E O F P R O P E R T Y			
	LOCAL AUTHORITY	DWELLING HOUSES INCLUDING COUNCIL HOUSES	ALL OTHER (INCLUDING BUSINESS PREMISES)	T O T A L
NUMBER OF PROPERTIES IN BOROUGH	21	18,424	3,658	22,103
NUMBER OF PROPERTIES INSPECTED AS A RESULT OF :				
(A) NOTIFICATION	13	173	2,017	2,203
(B) SURVEY UNDER THE ACT	-	10	13	23
(C) OTHERWISE	-	-	-	-
TOTAL INSPECTIONS CARRIED OUT, INCLUDING RE-INSPECTIONS	68	1,596	11,590	13,254
NUMBER OF PROPERTIES INSPECTED WHICH WERE FOUND TO BE INFESTED BY :				
(A) COMMON RATS (MAJOR)	-	4	18	22
(A) COMMON RATS (MINOR)	9	99	364	472
(B) SHIP RATS (MAJOR)	-	-	-	-
(B) SHIP RATS (MINOR)	-	-	10	10
(C) MICE (MAJOR)	6	73	111	190
(C) MICE (MINOR)	-	106	627	733
NUMBER OF INFESTED PROPERTIES TREATED	15	282	1,131	1,428
TOTAL TREATMENTS CARRIED OUT	36	1,194	2,241	3,471
NUMBER OF BLOCK CONTROL SCHEMES CARRIED OUT	-	-	151	151

FACTORIES ACT, 1961 (TABLES IV, V & VI)

TABLE IV
INSPECTIONS FOR THE PURPOSE OF PROVISIONS AS TO HEALTH

PREMISES	NUMBER ON REGISTER	NUMBER OF		
		INSPECTIONS	WRITTEN NOTICES	OCCUPIERS PROSECUTED
1. FACTORIES IN WHICH SECTIONS 1, 2, 3, 4 AND 6 ARE TO BE ENFORCED BY LOCAL AUTHORITIES	36	11	-	-
2. FACTORIES NOT INCLUDED IN (1) IN WHICH SECTION 7 IS ENFORCED BY THE LOCAL AUTHORITY	593	138	18	-
3. OTHER PREMISES IN WHICH SECTION 7 IS ENFORCED BY THE LOCAL AUTHORITY	39	30	-	-
TOTAL	668	179	18	-

TABLE V
CASES IN WHICH DEFECTS WERE FOUND

	NO. OF CASES IN WHICH DEFECTS WERE				NO. OF CASES IN WHICH PROSECUTIONS WERE INSTITUTED
	FOUND	REMEDIED	REFERRED		
			TO H.M. INSPECTOR	BY H.M. INSPECTOR	
WANT OF CLEANLINESS	-	-	-	-	-
OVERCROWDING	-	-	-	-	-
UNREASONABLE TEMPERATURE	-	-	-	-	-
INADEQUATE VENTILATION	-	-	-	-	-
INEFFECTIVE DRAINAGE TO FLOORS	-	-	-	-	-
SANITARY CONVENIENCES :					
(A) INSUFFICIENT	-	-	-	-	-
(B) UNSUITABLE OR DEFECTIVE	18	18	-	2	-
(C) NOT SEPARATE FOR SEXES	-	-	-	-	-
OTHER OFFENCES AGAINST THE ACT (NOT INCLUDING OFFENCES RELATING TO OUTWORK)	-	-	-	-	-
TOTAL	18	18	-	2	-

TABLE VI

OUTWORKERS

NATURE OF WORK	SECTION 133			SECTION 134		
	NO. OF OUT- WORKERS IN AUGUST LIST REQUIRED BY SEC. 110 (1)	NO. OF CASES OF DEFAULT IN SENDING LISTS TO THE COUNCIL	NO. OF PROSE- CUTIONS FOR FAILURE TO SUPPLY LISTS	NO. OF INSTANCES WORK IN UNWHOLE- SOME PREMISES	NOTICES SERVED	PROSECUTIONS
MAKING, ETC. OF WEARING APPAREL	111	-	-	-	-	-
MAKING, ETC. OF BOXES	21	-	-	-	-	-
MAKING OF PAPER BAGS	3	-	-	-	-	-
OTHERS	12	-	-	-	-	-
TOTAL	147	-	-	-	-	-

CARAVANS

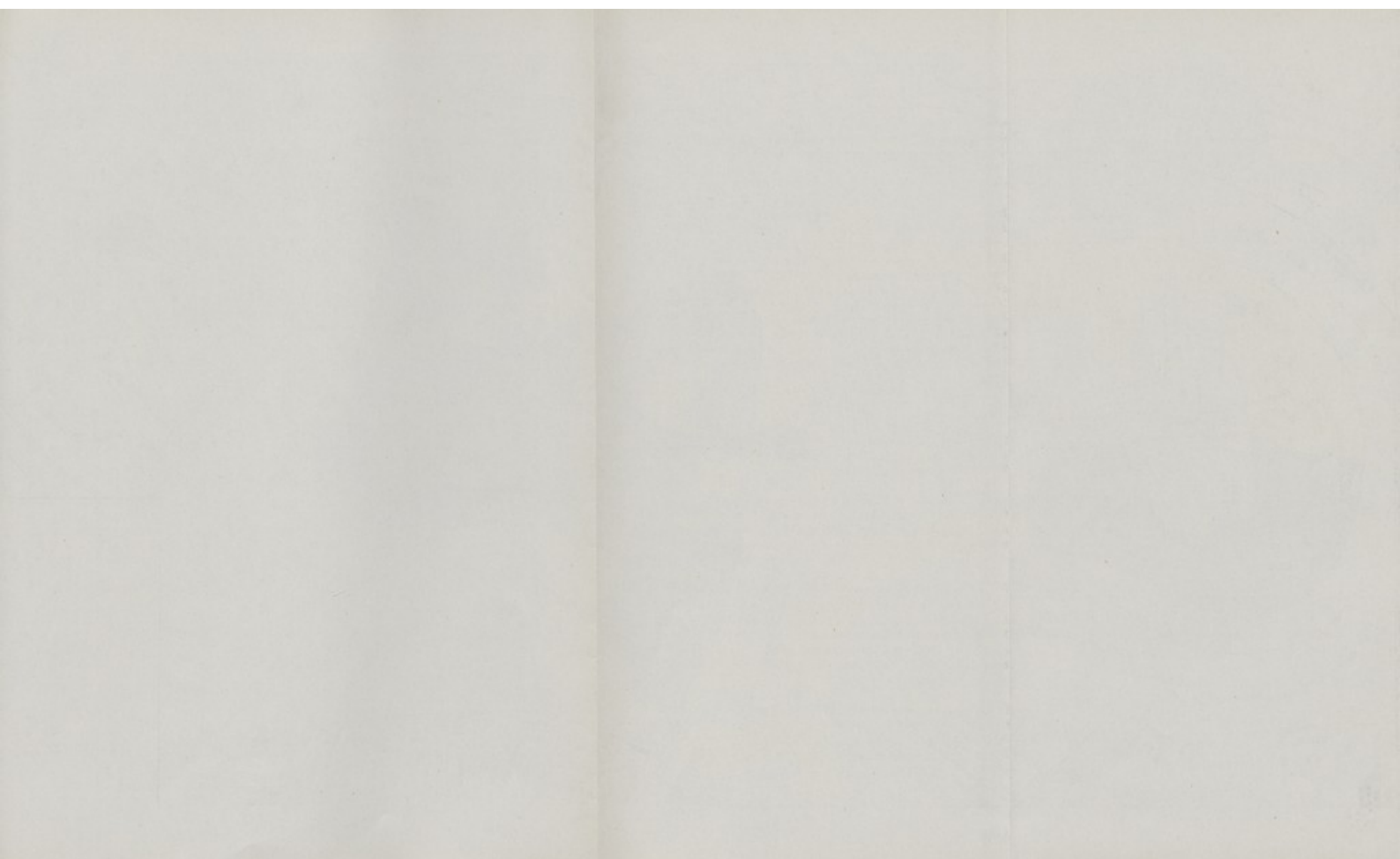
Although the nuisance from caravans parking on open sites has greatly diminished, nevertheless it was necessary to maintain constant observation and surveillance of all sites in the Borough where unauthorised parking could take place.

Prompt action as soon as illegal parking is reported is essential in order to curtail this nuisance. Once having established themselves it is extremely difficult to have them dislodged. Legal proceedings were instituted on sixteen occasions, and results are listed below.

The only effective answer to illegal parking is the development of unused sites at the earliest possible moment, and in the event of this not being possible they should be enclosed on clearance.

LEGAL PROCEEDINGS

<i>Address</i>	<i>Nature of Complaint</i>	<i>Result</i>
Bow Common Lane Site	Unlawfully station and use a caravan on land without there being in force in respect of that land a licence granted by Poplar Borough Council	Fine £3.0.0. Costs 10/-
Cantrell Road Site	-do-	Fine £1.0.0. Costs 10/-
Bow Common Lane Site	-do-	Conditional discharge Costs £1.0.0.
-do-	-do-	Summons not served Caravan removed
Cantrell Road Site	-do-	Fine £1.0.0. Costs 10/-
Lamprell Street Site	-do-	Fine £5.0.0. Costs £3.0.0.
Vacant site bounded by Allanmouth Rd. Wansbeck Rd. and Trego Road	-do-	Fine £2.0.0. Costs 10/6d.
Bow Common Lane Site	-do-	Summons not served Caravan removed
Cantrell Road Site	-do-	-do-
Vacant site 108, Bromley High Street	-do-	-do-
Bow Common Lane Site	-do-	Fine £5.0.0. Costs £2.2.0.
Cantrell Road Site	-do-	Fine £5.0.0. Costs £2.0.0.
Bow Common Lane Site	-do-	Fine £7.0.0. Costs £3.0.0.
Cantrell Road Site	-do-	-do-
Site at corner of Teviot Street and Zetland Street	-do-	Summons not served site vacated
Site at corner of Teviot Street and Zetland Street	-do-	-do-



CLEAN AIR ACT, 1956.

Progress in Clean Air continued. During the year No. 15 Order was submitted to the Minister for confirmation. This Order is the largest yet made and covers an area of some 501 acres in the south of the borough. It involved 3,600 residential properties in which the estimated total cost of adaptations is £63,000. The Minister fixed the date of operation as the 1st July, 1964.

Smoke Control Orders.

The first few Orders made by the Council consisted in large part of cleared sites and sites on which remained a few houses scheduled for almost immediate redevelopment which were excluded from the operation of these Orders. This was done so that Orders should be in operation before the tenants moved in, as it was felt that they should become accustomed to the use of smokeless appliances from the start. With these Orders completed attention was then turned to the making of Smoke Control Orders covering the rest of the borough. With the Completion of No. 15 approximately two thirds of the borough is subject to Smoke Control and it is anticipated that if the present rate of progress is maintained the remaining one third of the borough should be covered in two further Orders at the time of the amalgamation of the three boroughs on April 1st, 1965.

Smoke Abatement.

During the year twenty five smoke nuisances were reported and thirty three were detected as a result of routine observations. A total of 198 visits and inspections were made in this connection.

During the winter complaints continued regarding emission of grit and sooty particles from Power Stations. Representations were made on a number of occasions to the Central Electricity Generating Board and to Her Majesty's Alkali Inspector (responsible for the operation of the Clean Air Act in Power Stations).

Brunswick Wharf Power Station, pulverised fuel fired, had trouble with an overload cut-out on the electrostatic precipitator. This caused periodic heavy emissions of dust. A number of sampling points were set up in the vicinity, and the resulting collection of grit, ash and sooty particles was submitted for analysis. The result of this investigation was passed to the Central Electricity Generating Board. Some improvement has been effected since the installation of new electronic equipment.

At Watts Grove Power Station the principal factor giving rise to nuisance was the burning of solid fuel in furnaces primarily designed for pulverised fuel, with the result that combustion takes place in the lower portion of a comparatively large combustion space. This gives rise to con-

siderable cooling of the gases with the resultant emission of dark smoke and grit. This station is used solely to supplement peak load; sudden demands for steam on the boilers are often beyond their rated capacity which aggravates the position.

Two plans and specifications of proposed new boiler installations were submitted for approval.

Air Pollution.

The Smoke and Sulphur Dioxide Recording Stations set up at the Town Hall and Poplar Technical College have remained in operation throughout the year, and a third Station was set up in Millwall Park.

The Department has continued to co-operate fully with the Department of Scientific and Industrial Research. During periods of fog, when heavy pollution may be expected, special recordings are made.

Hourly Smoke Study.

Poplar was one of the boroughs co-operating with the College of General Practitioners in a special study which sought information on the possible correlation between any increase in respiratory disease and air pollution levels during smogs. A sequential smoke sampler is used, operating at three hourly or one hourly intervals. This type of experiment showed the interesting possibilities of co-operation between the General Practitioners and the Medical Officers of Health.

Special Research - Air Pollution and Respiratory Disease.

In connection with a Cross-Infection Study a small electrostatic precipitator was installed during research in ward ventilation. The apparatus was in operation during a period of smog; it was noted that all smoke haze had been eliminated from the ward; there was no grime deposit on the windows. Several cases with bad chests had been previously moved to this ward and it was noted that they suffered no inconvenience or respiratory distress during the smog as compared with similar patients in untreated wards.

The Department was able to co-operate with the Bow Hospital Group Pathologist in this special study of air pollution in hospital wards. We were able to demonstrate that although the smoke had been filtered out during this period, there was no significant change in the sulphur dioxide content as between the air inside and outside the ward.

These results were considered to be so encouraging that further experiments should be made with a view to the creation of at least two similarly air conditioned wards (one male - one female) in every hospital for this type of respiratory emergency.

Trainee Public Health Inspectors.

Four Trainee Public Health Inspectors are on the establishment of the department, and each month two of them are seconded to the Section to assist the Clean Air Inspector.

CLEAN AIR ACT, 1956

ANNUAL STATISTICS

1st January to 31st December, 1963

	Code No.	Section	Inspections and revisits
Dark Smoke Nuisances	1	1	45
Other Smoke Nuisances	2	16	15
Grit and Dust Nuisances	3	5	13
Notification of New Furnaces	4	3(3)	2
Prior Approval - New Furnaces	5	3(2)	8
Prior Approval - Grit/Dust Equipment	6	6	-
Industrial Smoke Control	7	11	153
Non-Industrial Smoke Control	8	11	54
Railway Engines	9	19	-
Survey Smoke Control Area No. 15	10	11	716
Inspection of work in connection with adaptations	11	12	162
Crown Premises, etc.	12	22	-
Alkali Acts	13	17	-
Atmospheric Pollution Stations	14	25	40
Health Education	15	25	4
Legal Proceedings	16	29	-
Industrial Plant Records	17	8	-
Height of Chimneys	18	10	1
Miscellaneous Visits	19	-	178
Total Visits			1389

TABLE VII

ATMOSPHERIC POLLUTION RECORDING TABLE

CONSTITUENTS	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE	
W A T E R	12.77 MM. RAIN	0.50 IN. RAIN	8.69 MM. RAIN	0.34 IN. RAIN	41.2 MM. RAIN	1.62 IN. RAIN	42.2 MM. RAIN	1.66 IN. RAIN	40.0 MM. RAIN	1.58 IN. RAIN	52.4 MM. RAIN	2.07 IN. RAIN
	GRAMS PER 100 SQ. METRES	TONS PER SQUARE MILE	GRAMS PER 100 SQ. METRES	TONS PER SQUARE MILE	GRAMS PER 100 SQ. METRES	TONS PER SQUARE MILE	GRAMS PER 100 SQ. METRES	TONS PER SQUARE MILE	GRAMS PER 100 SQ. METRES	TONS PER SQUARE MILE	GRAMS PER 100 SQ. METRES	TONS PER SQUARE MILE
TOTAL WATER -												
INSOLUBLE MATTER	365	9.31	604	15.39	1422	36.27	789	20.13	443	11.30	541	13.80
ASH	192	4.89	399	10.16	1172	29.89	644	16.41	322	8.21	407	10.37
TOTAL WATER -												
SOLUBLE MATTER	399	10.17	219	5.59	389	9.92	294	7.50	126	3.21	270	6.89
SO ₄ ^{II}	118	3.00	95	2.43	171	4.36	101	2.59	72	1.84	112	2.86
TOTAL SOLIDS	764	19.48	823	20.98	1811	46.19	1083	27.63	569	14.51	811	20.69
WT. OF FL ₉ SO ₃ COLLECTED ESTIMATED ON MG/100 SQ. CM/ DAY (PbO ₂ CYLINDER)	5.39		4.49		2.30		2.14		1.30		1.47	

CONSTITUENTS	JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
W A T E R	31.5 MM. RAIN GRAMS PER 100 SQ. METRES	1.24 IN. RAIN TONS PER SQUARE MILE	68.2 MM. RAIN GRAMS PER 100 SQ. METRES	2.69 IN. RAIN TONS PER SQUARE MILE	37.1 MM. RAIN GRAMS PER 100 SQ. METRES	1.46 IN. RAIN TONS PER SQUARE MILE	35.9 MM. RAIN GRAMS PER 100 SQ. METRES	1.42 IN. RAIN TONS PER SQUARE MILE	90.5 MM. RAIN GRAMS PER 100 SQ. METRES	3.57 IN. RAIN TONS PER SQUARE MILE	14.6 MM. RAIN GRAMS PER 100 SQ. METRES	0.58 IN. RAIN TONS PER SQUARE MILE
TOTAL WATER :												
INSOLUBLE MATTER	346	8.81	387	9.86	371	9.47	460	11.74	710	18.11	442	11.28
ASH	236	6.03	274	6.98	252	6.44	293	7.48	503	12.82	173	4.42
TOTAL WATER :												
SOLUBLE MATTER	146	3.72	285	7.27	291	7.43	277	7.07	393	10.03	168	4.27
SO ^H ₄	43	1.09	33	0.83	139	3.54	113	2.88	160	4.09	96	2.44
TOTAL SOLIDS	492	12.53	672	17.13	662	16.90	737	18.81	1103	28.14	610	15.55
WT. OF FL ₉ SO ₃ COLLECTED ESTIMATED ON MG/100 SQ. CM/ DAY (PbO ₂ CYLINDER)	1.51		1.22		STAND BLOWN OVER SAMPLE LOST		2.70		3.09		3.76	

SHOPS ACT, 1950.

No exemption certificates under the Act were issued during the year.

PHARMACY AND POISONS ACT, 1933.

A list of persons who sell poisons included in Part II of the Poisons list is maintained under the provisions of the Pharmacy and Poisons Act, 1933.

The number of persons on the list at the end of 1963 was 51.

RAG FLOCK AND OTHER FILLING MATERIALS ACT, 1951.

This Act requires the registration of premises upon which a business is carried on involving the use of filling materials. The number of premises registered is 10.

This Act also requires the licensing of premises for the storage of rag flock.

PET ANIMALS ACT, 1951.

Licences have been issued in respect of 2 premises within the borough.

HAIRDRESSERS AND BARBERS.

The total on the register at the end of the year was 59 persons and 51 premises.

NATIONAL ASSISTANCE ACT, 1948, SECTION 50.

Burials carried out under the provisions of this Act totalled 5 adults and 2 stillborn children.

The total cost was £79. 1s. 3d., of which £79. 1s. 3d. was recovered.

NATIONAL ASSISTANCE ACT, 1948, SECTION 47

NATIONAL ASSISTANCE (AMENDMENT) ACT, 1951, SECTION 1.

Once again it gives me great satisfaction to report that on no account was it necessary to resort to the powers of compulsory removal of any old person.

WELFARE OF THE AGED AND INFIRM.

The appointment of an Assistant Welfare Officer in April, 1963, enabled the work of the Welfare Section to be expanded, and allowed a more detailed investigation and follow-up of the cases brought to the attention of the department. In all, a further 376 new cases were added to the register of old people under observation.

There is a wide range of voluntary organisations which provide opportunities for social contacts and activities for old people in the Borough. Their contribution to the well being of our old folk is of the highest importance. The co-ordination of their work through the Old People's Welfare Committee, and in conjunction with the services provided by the L.C.C., National Assistance Board, W.V.S. and other bodies, has made it possible for advice and assistance to be given speedily in a large number of cases of distress.

DETAILS OF INSPECTIONS.

Cases on the Register at 31st December, 1962	795
New cases added to the Register	376
Number of removals from Register	
(a) Deaths	132
(b) Transfers	31
(c) Other cases	39
Total number on Register at 31st December, 1963	969
Incontinent Laundry Calls	1204
Home Bathing Visits	1205
Visits to new cases	484
Visits to old cases	922
Miscellaneous visits and enquiries	1939

HOME BATHING.

The number of Home Bathing visits more than doubled the total of the previous year, amounting to 1205 as compared with 532. It is anticipated that the need for this service will increase year by year.

INCONTINENT LAUNDRY.

The demand for this service, as in the case of Home Bathing, has shown a great increase. However, I am pleased to say that the staff were able to cope satisfactorily with the extra burden of work.

MORTUARY AND CORONER'S COURT.

The Poplar Mortuary is situated in Poplar High Street adjoining the Coroner's Court. It is fitted with modern refrigerating plant which will hold fifteen bodies and it has a well equipped post-mortem room. In addition there is a viewing room, a waiting room and accommodation for the use of the Pathologists and clerks.

The total number of bodies received during 1963 was 709 (Residents 303 non-residents 406). Post-mortem examinations were made in 600 cases and inquests were held in 109 cases.

PUBLIC CLEANSING.

The arrangements for collection, removal and disposal of refuse are under the control of the Borough Engineer, who has supplied the following information :

Refuse : During the year 23,796 tons of house, trade, street, gully, market and kitchen refuse were collected and disposed of at the controlled tip. In addition 15,013 tons of refuse from other Boroughs were also dealt with at the Council's Refuse Disposal Depot.

Street Cleansing : Two Mechanical/Sweeper/Collectors supplemented the work of the manual Road Sweepers, and as warranted by weather conditions two watering machines were used for washing and watering roads and street markets.

Gully Cleansing : Three Gully/Emptying machines have carried out 5,558 gully cleansings and weekly emptyings of three cesspools.

SWIMMING BATHS AND WASH-HOUSES.

The following bathing establishments are maintained by the Council under the supervision of the Chief Baths Superintendent :

Poplar Baths	..	Vapour, Foam and Slipper baths, Swimming Pools
Bow Baths	..	Slipper Baths
Aberfeldy Street	..	Launderette

PUBLIC SWIMMING POOLS.

There are two pools, both situated at the main establishment, East India Dock Road, E. 14., and I am indebted to the Chief Baths Superintendent for the information contained in the report which follows :

	Large Pool	Small Pool
Length	100 ft.	64 ft.
Width	39' 6"	25 ft.
Maximum depth	8' 6"	6' 6"
Minimum depth	3' 6"	3 ft.
Capacity	150,000 galls	50,000 galls

The water to the pools is supplied by the Metropolitan Water Board, and is a mixture from the Rivers Lea and Thames.

Continuous filtration and chlorination of the water is carried out the whole period the pools are in use, the period of complete turnover of both pools being 3.5 hours. The pH value of the water is maintained between 7.6 and 7.8 while the chlorine content is maintained at 1.0 to 1.2 parts per million. As soon as the last bather leaves the pool at the end of the day and for the week-end closure of the establishment, the chlorine content is increased to 1.5 (or even more) parts per million to ensure sterile water when the pool is re-opened.

Wallace and Tiernam Chlorinators supply the chlorine to the water and the filtration equipment used is made by United Filters. Sulphate of Alumina is used in required quantities in the filtering of the water, and soda ash, or similar, is used to assist in maintaining the necessary pH. value of the water. Hourly tests are made of both pools to see that the correct pH. and chlorine values are present. Periodical bacteriological examination of the water is carried out by visiting pathologists from the London County Council Public Health Department Pathological Services.

The water is maintained in such sterile condition that it is not necessary to empty the pools. However, as the large pool is closed during the winter season, and has to be drained down, the contents of the small pool are used to thoroughly wash out the filters servicing this pool, and then, 50,000 gallons of water from the large pool is filtered through both sets of filters into the small pool. This, in effect, means that both pools are emptied down each year. While the pools are empty opportunity is taken to thoroughly scour all sections of the pool steps that are under water, and all glazed tiling cleaned down with an abrasive powder.

SECTION C

HOUSING

Details of new housing accommodation completed in Borough during 1963 are as follows :

Poplar Borough Council .. 42 dwellings

London County Council .. 214 dwellings

The number of families living in property owned or managed by the Borough Council at 31st December, 1963 was as follows :

Type of dwelling	No. of Lettings
Pre-war Council houses and flats ..	1,058
Post-war Council houses and flats ..	1,734
Temporary bungalows ..	330
Old properties in Compulsory Purchase Areas ..	171
Acquired properties ..	153
Other properties ..	6

TOTAL PROPERTIES 3,452

	Large Pool	Small Pool
Length	110 ft.	65 ft.
Width	35 ft.	25 ft.
Maximum depth	8 ft.	6 ft.
Minimum depth	3 ft.	3 ft.
Capacity	150,000 galls	50,000 galls

RENT ACT, 1957.

Details of action taken between 1st January and 31st December, 1963, are as follows :

Applications for certificates	...	57
Decisions not to issue certificates	...	NIL
Decisions to issue certificates	...	57
(a) in respect of some but not all defects	...	50
(b) in respect of all defects	...	7
Undertakings given by landlords	...	31
Undertakings refused by Council	...	NIL
Certificates issued	...	25
Applications by landlords to Council for cancellation of certificates	...	7
Objections by tenants to cancellation of certificates	...	2
Council decisions to cancel in spite of tenants' objections	...	1
Certificates cancelled	...	6

CLOSING ORDERS (PUBLIC HEALTH, (LONDON) ACT, 1936)

No Closing Orders were made under this Act during the year.

CLOSING ORDERS (HOUSING ACT, 1957)

3 Closing Orders were made under this Act during 1963.

HOUSING STATISTICS.

1. Inspection of dwelling houses during the year :

- | | | |
|-----|--|-------|
| (1) | (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts) | 3,017 |
| | (b) Number of inspections made for the purpose | 6,827 |
| (2) | (a) Number of dwelling houses (included under subhead (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 | - |
| | (b) Number of inspections made for the purpose | - |
| (3) | Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation | 21 |
| (4) | Number of dwelling houses (exclusive of those referred to under the preceding subhead) found not to be in all respects reasonably fit for human habitation | 2,009 |

2. Remedy of defects during the year without service of formal notice :

Number of defective dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	1,202
---	-------

3. Action under Statutory Powers during the year :

(A) PROCEEDINGS UNDER PUBLIC HEALTH ACTS :

- | | |
|---|-----|
| (1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied. | 624 |
| (2) Number of dwelling houses in which defects were remedied after service of formal notice | |
| (a) By owners | 434 |
| (b) By Local Authority in default of owners | - |

3. Action under Statutory Powers during the year (contd.) :

(B) PROCEEDINGS UNDER SECTION 9, 10 and 12 OF THE HOUSING ACT 1957 :

(1) Number of dwelling houses in respect of which
notices were served requiring repairs -

(2) Number of dwelling houses which were rendered fit
after service of formal notices :

(a) By owners -

(b) By Local Authority in default of owners -

(C) PROCEEDINGS UNDER SECTIONS 17 and 23 OF THE HOUSING ACT 1957

(1) Number of dwelling houses in respect of which
Demolition Orders were made 7

(2) Number of dwelling houses demolished in
pursuance of Demolition Orders 7

(D) PROCEEDINGS UNDER SECTION 18 OF THE HOUSING ACT 1957 :

(1) Number of separate tenements or underground rooms
in respect of which Closing Orders were made 3

(2) Number of separate tenements or underground rooms
in respect of which Closing Orders were determined,
the tenement or room having been rendered fit -

(E) PROCEEDINGS UNDER SECTION 30 OF THE HOUSING ACT 1957 :

(1) Number of dwelling houses included in Clearance
Areas 11

(2) Number of dwelling houses demolished as a result
of Clearance Area procedure 11

SECTION D

INSPECTION AND SUPERVISION OF FOOD FOOD PREMISES.

The number of food premises in the area by type of business is as follows :

Manufacturing premises 35.

(Confectionery 4; Flour Millers 3; Edible oils 1; Ice cream 3; Wine blenders 2; Nut roasters 2; Grocery 3; Pickles 1; Spice grinders 1; Food dehydration 1; Meat products 6; Mineral waters 1; Sugar refiners 2; Bakers 2; Essences 1; Sausage Rusk 1; Biscuit 1)

This list does not include places where food is manufactured principally for retail sale on the premises.

Wharves 27. Cold Stores 4.

Wholesale premises 15.

(Grocers 10; Confectioners 3; Fruiterers 2)

Retail premises 951.

(Grocers 170; Confectioners 124; Restaurants 113; Industrial canteens 95; Non-industrial canteens 29; School meals centres 25; Public houses 149; Off-licences 24; Bakers 34; Fishmongers 37; Greengrocers 60; Butchers 61; Chemists 19; Miscellaneous 11).

Street market stalls 445.

REGISTERED PREMISES.

Food & Drugs Act, 1955, Section 16.

(a) Ice cream : Manufacture and sale	..	12
Sale and storage	..	186
Storage only	..	4

(NOTE - In addition to the premises referred to above ice cream is also sold from 38 premises exempt from registration, i.e., Restaurants, Cinemas, etc.)

(a) Sausages and preserved etc., foods	..	60
--	----	----

Milk & Dairies (General) Regulations, 1959

Dairies

.. NIL

Milk (Special Designation) Regulations, 1960

Dealers inside the Borough

.. 107

All milk distributors within the Borough have been licenced as required by the new Regulations.

Dealers' licences will be valid for a period of five years from January 1st, 1961 and will be renewable for subsequent quinquennial periods.

INSPECTION OF FOOD PREMISES.

The following is a detailed summary showing the types of premises inspected during the year :

			Number of Inspections
Bakers	..	..	9
Butchers	..	..	41
Grocers	..	..	53
Milk Distributors	..	..	24
Restaurants	..	..	76
Greengrocers	..	..	14
Other catering establishments	..	..	33
Fish shops, fryers and curers	..	..	32
Stalls and itinerant vendors	..	..	314
Market inspections	..	..	211
Ice cream premises	..	..	68
Wharves	..	..	583
Registered food manufacturers	..	..	112
Other food premises	..	..	32
Confectioners	..	..	28
Pharmacy & Poisons Regulations :			
Premises visited	..	..	24

Total Inspections 1,654

TABLE VIII

SAMPLE NO.	ARTICLE	RESULT OF ANALYSIS	ACTION
14 (INF)	WHOLE NUTMEGS	HEAVY INSECT DAMAGE	NUTMEGS GROUND AND RELEASED FOR SAUSAGE MAKING
15 (INF)	NUTMEG SIFTINGS	HEAVY CONTAMINATION WITH INSECT FRAGMENTS. LOW VOLATILE OIL	NUTMEGS GROUND AND RELEASED FOR SAUSAGE MAKING
19 (INF)	CREAM (CANNED)	SEPARATION OF FAT	SEVERAL HUNDRED TINS OF CREAM DAMAGED BY STORAGE AT LOW TEMPERATURE. CONDEMNED & DESTROYED
70 (INF)	MIXED FRUIT	CONTAINED FOUR LIVE INSECTS (BREAD BEETLE) NO SIGNIFICANT ATTACK	RETAILER'S SHOP INSPECTED. EVIDENCE OF MOTH INFESTATION. ACTION TAKEN TO DIS-INFEST PREMISES.
76 (INF)	MILK CHOCOLATE	CONTAINED FOREIGN FAT	FORMAL SAMPLES TO BE TAKEN
109 (INF)	FOOD COLOUR - BLUE	NON PERMITTED FOOD COLOUR - WATER BLUE	LETTER TO MANUFACTURER. RETAILERS STOCKS DESTROYED
148 (INF)	PINEAPPLE POWDER	SAMPLE IN VERY WET CONDITION DUE TO POOR PACKAGING	RETAILER INTERVIEWED. STOCKS WITHDRAWN
178 (INF)	METERCAL	ONLY APPROXIMATELY ONE TENTH OF THE STATED AMOUNT OF VITAMIN C PRESENT	LETTER TO MANUFACTURER
228 (INF)	BREAKFAST CEREAL	CONTAMINATED WITH MOULD	MANUFACTURER INTERVIEWED
231 (INF)	MILK CHOCOLATE (BLACKCURRANT FLAVOUR)	CONTAINED ONLY 1.5 PER CENT. MILK FAT, WHEREAS NOT LESS THAN 3 PER CENT. SHOULD BE PRESENT	MANUFACTURER INTERVIEWED STOCKS WITHDRAWN IMPORTATION DISCONTINUED

FOOD SAMPLING.

A total of 264 samples of food were procured during the year by the Council's Food Inspector. These were submitted to the Public Analyst for examination.

The samples included a comprehensive variety of food. A total of 10 samples (3.7 per cent.) were found to be adulterated. Details of these samples and the action taken are shown in Table VIII on page 47.

The rate of adulteration in the Borough for the past five years was as follows :

YEAR	NUMBER OF SAMPLES	PERCENTAGE ADULTERATION
1963	264	3.7
1962	525	1.7
1961	535	2.6
1960	550	4.2
1959	538	2.6

MILK SAMPLING.

13 informal samples of Milk were examined and found to be satisfactory. No milk adulteration has been found in the Borough for the past nine years.

LABELLING OF FOOD ORDER, 1953.

Amongst samples obtained 18 failed to conform to the requirements of The Labelling of Food Order, 1953, and in each case the attention of these omissions were drawn to the notice of manufacturers and retailers.

UN SOUND FOOD.

The Council's Food Inspector is called upon to pass judgement of fitness on great quantities of food. Frequently large and valuable stocks are involved. Among special lots of food examined during the year were the following:

Detailed overleaf :

Fresh Food

Melons	5 tons 5 cwts. 1 qtr.
Stock at Wharf	Condemned and destroyed
Peeled Onions	3 tons 4 cwts.
Stock at Wharf	Condemned and destroyed
Chocolate Marzipan Bars	10 cwts. 2 qtrs.
Stock at Warehouse	Condemned and destroyed
Gherkins	6 cwts.
Stock at Wharf	Condemned and destroyed

The following is a summary of foods condemned as being unfit for human consumption :-

	<i>Fresh Food</i>				<i>Canned Foods</i>			
	<i>Tons</i>	<i>Cwts.</i>	<i>Qtrs.</i>	<i>Lbs.</i>	<i>Tons</i>	<i>Cwts.</i>	<i>Qtrs.</i>	<i>Lbs.</i>
Meat		2	1	2				
Meat Products		3	3	2	3	8	1	3
Fruit	5	7	0	0	9	9	3	14
Vegetables	3	6	2	8	1	3	0	8
Ham				11		12	3	23
Milk						4	1	1
Fish		1	2	0		1	0	1
Soup						1	2	2
Cream						11	1	5
Cereals						2	0	8
Fruit Juice					1	0	0	17
Confectionery	10	2		24				
Lard			1	20				
Miscellaneous	15	0		12		5	0	7

DISPOSAL OF UNSOUND FOOD.

The bulk of the food condemned as being unfit for human consumption is removed from the premises concerned and destroyed by the Borough Engineer's refuse disposal service as trade refuse and the cost of removal is charged to the owners in accordance with the Council's fixed scale of charges.

In special cases, where large quantities of food are condemned, arrangements may be made under suitable guarantees from the owners, for the foods to be utilised for animal feeding or non-edible industrial purposes such as soap, starch or manure making.

FOOD FOR EXPORT.

In order to satisfy the Authorities of importing countries overseas it is necessary for the exporter to obtain a certificate of purity signed by the Medical Officer of Health for the district from which the food is shipped. During the period covered by this report 53 inspections were made of foods exported from the district: 53 certificates of purity were issued.

FOOD POISONING - (See Infectious Diseases).

FOOD AND DRUGS ACT, 1955 - Legal Proceedings.

Premises	Offence	Result
Itinerant Vendor	Did unlawfully place food as to involve a risk of contamination	Summons dismissed
Itinerant Vendor	Did unlawfully fail to have name and address conspicuously displayed on stall	Summons dismissed
Grocer's Shop	Did unlawfully sell to the prejudice of the purchaser thereof, a certain article of food, to wit, a bottle of lemon barley, which contained two pieces of glass.	Fine £5. Costs £5. 5s. 0d.
Grocer's Shop	Did unlawfully sell to the prejudice of the purchaser thereof, a certain article of food, to wit, a bottle of non-brewed condiment, which contained a dead mouse.	Warranty pleaded, and Grocer dismissed from proceedings. Manufacturers fined £20 and costs of £15 15s. 0d.

SECTION E

INFECTIOUS DISEASE

The total number of corrected notifications of Infectious diseases for 1963 was 1125 as compared with 418 for the previous year.

This increase was mainly due to the rise in the number of cases of measles notified.

ANTHRAX.

During the year a case of malignant pustule (cutaneous anthrax) occurred in a male dockside worker employed on a wharf handling general merchandise which included a variety of imported animal products - dried bones, hides, hooves and horns and bone meal. A few days after handling bagged bone meal he developed a lesion on the right side of his neck, thought to be Erysipelas. In hospital anthrax was diagnosed, he became a very sick man but eventually made a complete recovery.

It has long been considered that these animal products from certain countries were suspect in this respect. Imports of these commodities are sporadic. It was ascertained that over a period of six months this particular wharf handled the cargoes from eleven ships from five countries, East Africa, India, Lebanon, Pakistan and Australia. Some of the material from the last named was "sterilized bone flour". Material from the other countries was highly suspect. The breakdown and despatch of cargoes was quite haphazard and depended on sales by the importers - some was even advertised for sale in bulk, in a national gardening paper. With the co-operation of the Public Health Laboratory Service samples were taken of all cargoes and wharf sweepings over a period, but with negative result.

DIPHTHERIA.

There was no confirmed case of diphtheria in the Borough during the year.

DYSENTERY.

The total of confirmed cases of dysentery was 63, of which number 43 were children of five years and under. The majority of cases were isolated outbreaks not connected. Only in a minority of cases was the source discovered.

FOOD POISONING.

28 confirmed individual cases were notified during the year as compared with the total of 17 for 1962. There were no outbreaks.

HANSEN'S DISEASE.

The case reported last year, admitted to the Jordan Hospital, was discharged home in June.

During his stay he developed a Type I reaction following which his B.I. changed from 4+ to 2+ the bacilli now being all granular. He is to continue treatment as an out-patient at the Hospital for Tropical Diseases.

MEASLES.

The cyclic nature of this disease is clearly illustrated by the totals for the past four years of cases notified :

1963	..	797
1962	..	232
1961	..	1,333
1960	..	247

POLIOMYELITIS.

There was one case of non-paralytic poliomyelitis notified to the Department during the year.

TYPHOID.

(1) A known carrier of typhoid phage type E.1, an elderly woman previously known to have infected some of her grandchildren, was kept under surveillance. All results were positive. Two further grandchildren, a boy of 9 years and a girl of 2 years (a newly born baby at the time of the previous outbreak) were both infected; both made uneventful recoveries.

(2) A married woman admitted to a local general hospital was discovered after one week, to be suffering from typhoid phage type E11. As a result of the delay in receiving appropriate treatment until admission to an Infectious Diseases Hospital, she had a stormy passage with several relapses and ultimately became a carrier: fortunately there were no secondary cases in the first hospital.

The source of infection was her husband who contracted typhoid during the period of, although not actually involved in, the Croydon Epidemic 1939.

The husband is alleged to have told doctors that he had had typhoid in 1939 and that his wife's symptoms were similar to his own! In the intervening period he had been unaware that he was a carrier. Had the husband's story been heeded, this woman should not have been admitted to a general hospital and would, in all probability, not have developed a carrier state.

Both have been kept under surveillance and were found to continue to excrete the organism.

TABLE IX
TUBERCULOSIS - PRIMARY NOTIFICATIONS

	0 YRS	1 YRS	2 YRS	5 YRS	10 YRS	15 YRS	20 YRS	25 YRS	35 YRS	45 YRS	55 YRS	65 YRS	75 YRS	TOTAL
RESPIRATORY MALES	-	-	2	-	-	1	-	3	3	7	6	3	1	26
RESPIRATORY FEMALES	-	-	1	-	-	-	3	4	3	5	-	1	-	17
NON-RESPIRATORY MALES	-	-	-	1	-	-	1	1	1	-	1	-	-	5
NON-RESPIRATORY FEMALES	-	-	-	-	-	1	-	1	2	-	-	-	-	4

In addition 57 other cases were added to the register as a result of information received from the following sources :

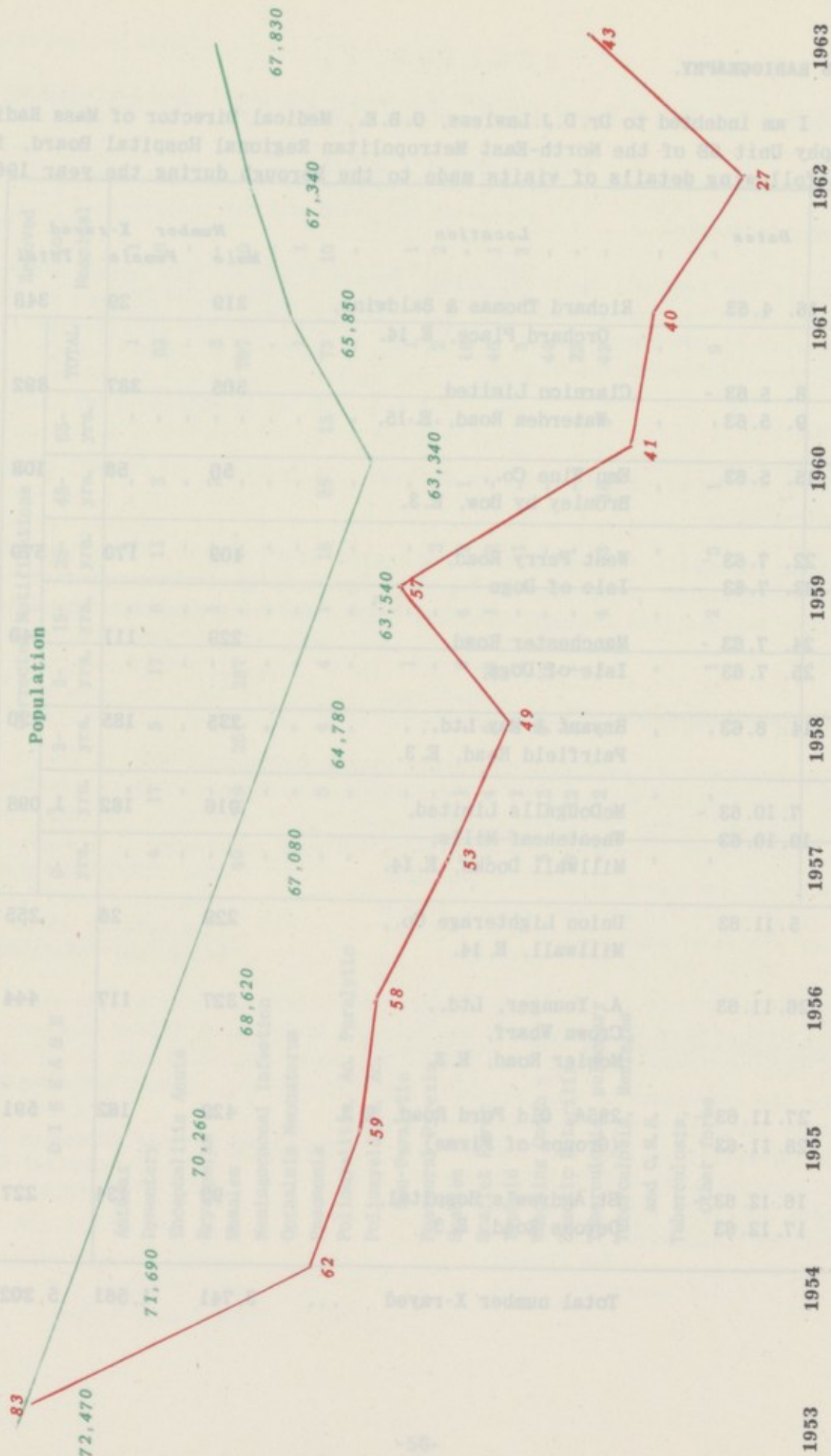
Transfers from other areas .. 57

During the year 8 deaths were certified as due to tuberculosis.

The number of cases remaining on the register at 31st December, 1963, after adjustment in respect of deaths and transfers, was as follows :

	<i>Pulmonary</i>	<i>Non-pulmonary</i>	<i>TOTAL</i>
Males	422	60	482
Females	251	57	308
TOTALS	673	117	790

No. of Cases T.B.



MASS RADIOGRAPHY.

I am indebted to Dr. D. J. Lawless, O.B.E., Medical Director of Mass Radiography Unit 6B of the North-East Metropolitan Regional Hospital Board, for the following details of visits made to the Borough during the year 1963:

Dates	Location	Number X-rayed		
		Male	Female	Total
16. 4. 63	Richard Thomas & Baldwins, Orchard Place, E. 14.	319	29	348
8. 5. 63 - 9. 5. 63	Clarnico Limited, Waterden Road, E. 15.	505	387	892
15. 5. 63	Emu Wine Co., Bromley by Bow, E. 3.	50	58	108
22. 7. 63 - 23. 7. 63	West Ferry Road, Isle of Dogs	409	170	579
24. 7. 63 - 25. 7. 63	Manchester Road, Isle of Dogs	229	111	340
14. 8. 63	Bryant & May Ltd., Fairfield Road, E. 3.	235	185	420
7. 10. 63 - 10. 10. 63	McDougalls Limited, Wheatsheaf Mills, Millwall Docks, E. 14.	916	182	1,098
5. 11. 63	Union Lighterage Co., Millwall, E. 14.	229	26	255
26. 11. 63	A. Younger, Ltd., Crown Wharf, Monier Road, E. 3.	327	117	444
27. 11. 63 - 28. 11. 63	295A, Old Ford Road, E. 3. (Groups of Firms)	429	162	591
16. 12. 63 - 17. 12. 63	St. Andrew's Hospital, Devons Road, E. 3.	93	134	227
Total number X-rayed ...		3,741	1,561	5,302

TABLE X

INFECTIOUS DISEASE

D I S E A S E	Corrected Notifications									Removed to Hospital
	0- yrs.	1- yrs.	3- yrs.	5- yrs.	15- yrs.	25- yrs.	45- yrs.	65- yrs.	TOTAL	
Anthrax	-	-	-	-	-	1	-	-	1	1
Dysentery	4	17	5	17	6	11	3	-	63	18
Encephalitis Acute	-	-	-	-	-	-	-	-	-	-
Erysipelas	-	-	-	-	1	-	2	-	3	-
Measles	40	219	251	287	-	-	-	-	797	10
Meningococcal Infection	-	-	-	-	-	-	-	-	-	-
Opthalmia-Neonatorum	1	-	-	-	-	-	-	-	1	1
Pneumonia	-	5	4	4	1	18	26	15	73	10
Poliomyelitis, Ac. Paralytic	-	-	-	-	-	-	-	-	-	-
Poliomyelitis, Ac. Non-Paralytic	-	-	-	1	-	-	-	-	1	1
Puerperal Pyrexia	-	-	-	-	-	2	-	-	2	2
Scabies	-	1	1	6	4	3	1	-	16	-
Scarlet Fever	-	4	6	33	1	2	-	-	46	1
Typhoid	-	1	-	1	-	1	-	-	3	3
Whooping Cough	5	12	9	18	-	-	-	-	44	-
Zymotic Enteritis	9	12	2	†	-	-	-	-	23	-
Tuberculosis, pulmonary	-	2	1	-	4	13	18	5	43	-
Tuberculosis, Meninges and C.N.S.	-	-	-	-	-	-	-	-	-	-
Tuberculosis, Other forms	-	-	-	1	2	5	1	-	9	-
	59	273	279	368	19	56	51	20	1125	47

SECTION F

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

LABORATORY FACILITIES

During the year all bacteriological examinations for the Public Health Department were carried out by the Public Health Laboratory Service at the Laboratories at the County Hall, S.E.1. The service is also utilised by the general practitioners in the Borough.

HOSPITALS

There are three hospitals in the Borough - St. Andrew's, St. Clement's, and Poplar Hospital.

These hospitals, together with the Poplar Chest Clinic, Wellington Way, E.3, which continued to operate during the year, are under the control of the North East Metropolitan Regional Hospital Board, Bow Group Hospital Management Committee.

AMBULANCE FACILITIES

The provision of ambulance transport within the administrative County of London is the responsibility of the London County Council and is available, free of charge, in the following circumstances :

- (a) *Accidents (wherever occurring) and sudden illness (in the streets, public places or places of employment)*

Dial '999' and ask for 'Ambulance' or follow instructions given on telephone instrument

- (b) *Very urgent illness at home*

For the conveyance of sick persons from their homes to a hospital, provided a doctor certifies that the case is one of life or death and that arrangements have been made with a hospital for the patient's admission.

Telephone -

WATERloo 6000
NEW Cross 2645
RELIance 3622
CENTral 6301
REGent 4000

(c) *Maternity cases*

Normally, if the expectant mother has booked a bed at a hospital or nursing home, she is in possession of a white card (Form L.A.S. 23) confirming the booking arrangements and giving full instructions for summoning the ambulance.

Where no previous arrangements have been made, however, the London Ambulance Service cannot accept direct applications for removal to hospital except in the case of emergencies occurring in the street or other public place, when the procedure as in (a) above should be made by a doctor or midwife to the Emergency Bed service.

Telephone - HOP 7181

(d) *Other illness*

For the removal to and from hospitals, etc., of sick persons provided the ambulance is ordered by the hospital authority, by the Emergency Bed Service, or, in certain circumstances by a private doctor, application should be made in writing or by telephoning.

Telephone - WAT 3311

Further particulars may be had on application to the Officer-in-Charge, London Ambulance Service, County Hall, S.E.1. Telephone enquiries relating to the ordering of ambulances to WATERloo 3311; general enquiries to WATERloo 5000, Extension 6950.

PERSONAL HEALTH SERVICES

The following information and statistics relating to the operation of the Personal Health Services in this Borough during the year have been kindly furnished by the Divisional Medical Officer (Dr. G. O. Mitchell), Division 5, London County Council, 273 Bancroft Road, E.1.

Treatment Centres and Clinics.

Ruston Street, E.3.

54, West Ferry Road, E.14.

Wellington Way, E.3.

69, East India Dock Road, E.14.

Will Crook's Centre,

Newmill House,

1 - 3 Wigram House,

Coventry Cross, E.3.

Poplar High Street, E.14.

STATISTICS.

Infant Welfare and Toddlers Sessions.

Total number of Children who attended during the year and who were born in :

1963	1269
1962 - under 1	1111
1962 - over 1	494
1958 - 1961	1688

Total attendances at Infant Welfare Sessions .. 26,438

Total medically examined .. 10,272

Total attendances at Toddlers Sessions .. 1,330

Total medically examined .. 1,250

Ante Natal and Post Natal Clinics.

Total attendances .. 1,331

Health Visiting.

Number of children visited who were born in :

1963	1612
1962	1549
1958 - 1961	4005

Number of persons aged 65 and over who were visited .. 183

Number of mentally disordered persons visited .. 94

Number of persons visited who were discharged from hospital
(other than mental hospital) .. 76

Number of tuberculous households visited .. 51

Number of infectious households visited (other than TB) .. 100

Total effective visits .. 22,663

Total unsuccessful visits .. 4,415

Child Minders (Daily Guardians)

Number of Daily Guardians :	Statutory	5
	Voluntary	31
Number of children minded :	Statutory	20
	Voluntary	38

Care of premature infants.

Number of premature live births during the year	94
Number of deaths under 1 month	8

Diphtheria Immunisation.

Number of children who completed a full course of primary immunisation, and who at the date of the final injection were :

Under 5 years of age	1,188
5 - 15 years of age	257

Number of children who were given a secondary or reinforcing injection 2,261

Vaccination

Number of children successfully vaccinated or revaccinated 240

Domestic Help Service.

Domestic Help was provided as follows :

Maternity cases	24
T.B. cases	12
Aged and chronic sick cases (65+)	941
Other (under 65)	135

HEALTH EDUCATION.

The distribution of health education literature and information on a wide variety of subjects continued throughout the year. Each month 1,000 copies of "Better Health", the journal of the Central Council for Health Education, was distributed among old people's clubs, youth clubs and voluntary organisations, while copies were available to the general public at libraries and other council establishments, free of charge.

Constant check by Public Health Inspectors was kept of food premises and market stalls which displayed food, and from which food was sold. Advice and assistance was given on hygiene matters, and from time to time circulars were sent to various sections of the food trades, bringing to their notice matters which were of interest and importance to public health.

Health Education posters were on all public buildings and notice boards, and many voluntary organisations exhibited posters on their premises.

"Poplar News", the Council's public relations magazine, provided a valuable means of communication to the general public, and use of its columns was made for such items as prevention of accidents in the home, immunisation against infectious disease, anti-smoking campaign.

Particular emphasis was laid on smoking and its danger to health, and it is pleasing to record that considerable help in this matter has been forthcoming from youth clubs and other organisations.

The Public Health staff gave lectures and talks on public health topics, and their services were available to organisations in the Borough.

NEW LEGISLATION.

Statutes

London County Council (General Powers) Act, 1963.

Animal Boarding Establishments Act, 1963.

London Government Act, 1963.

Offices, Shops and Railway Premises Act, 1963.

Statutory Instruments.

The Public Health (Ships) (Amendment) Regulations, 1963.

The Poisons List Order, 1963.

The Poisons Rules, 1963.

The Merchandise Marks (Imported Goods) (Raw Cucumbers) Order, 1963.

The Bread and Flour Regulations, 1963.

The Liquid Egg (Pasteurisation) Regulations, 1963.

The Smoke Control Areas (Authorised Fuels) Regulations, 1963.

The Milk (Special Designation) Regulations, 1963.

The Alkali, etc. Works Order, 1963.

The Soft Drink Regulations, 1963.

The Ice Cream (Heat Treatment, etc.) (Amendment) Regulations, 1963.

The Meat Inspection Regulations, 1963.

The Public Health (Aircraft) (Amendment) Regulations, 1963.

Motor Cycles (Protective Helmets) Regulations, 1963.

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The Ice Cream (Food) Regulations, 1962.

The Meat Inspection Regulations, 1963.

The Public Health (Amendment) Regulations, 1963.

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