

[Report 1968] / Medical Officer of Health, Harlow U.D.C.

Contributors

Harlow (England). Urban District Council.

Publication/Creation

1968

Persistent URL

<https://wellcomecollection.org/works/bu4z8axg>

License and attribution

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

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. 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.

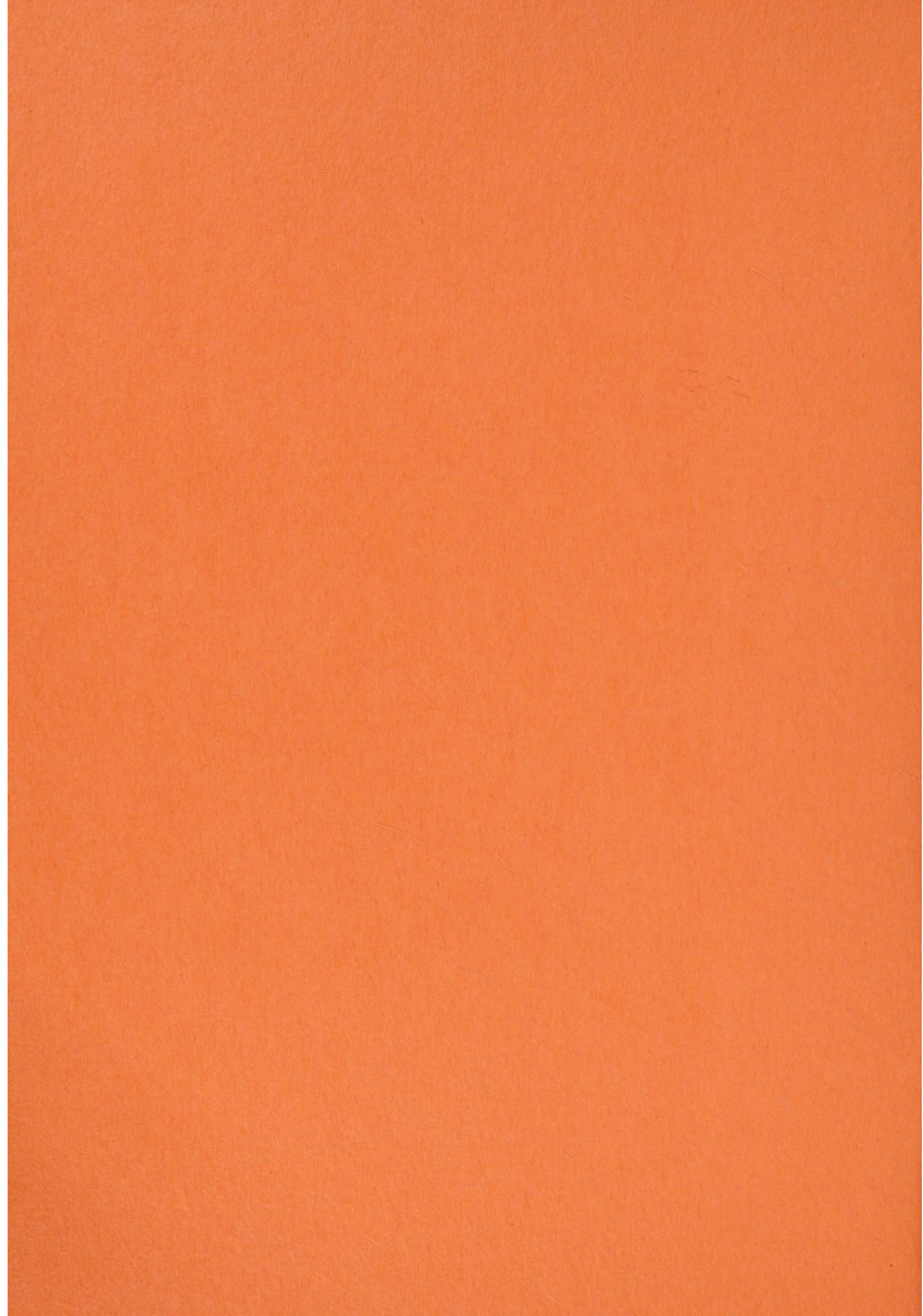


Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>



THE
HEALTH OF HARLOW
IN THE YEAR
1968







THE HEALTH OF HARLOW in the year 1968


being the

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

Incorporating the Report of the Chief Public Health Inspector



Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

<https://archive.org/details/b29410447>

PUBLIC HEALTH COMMITTEE

as on

31st December

1968

Chairman:

Councillor Mrs E. I. V. Morris

Vice-Chairman

Councillor Mrs M. Bach

Members:

Councillor B. E. Barry
Councillor R. P. Chant
Councillor A. Danby

Councillor E. L. Parrish
Councillor G. N. Pollard
Councillor Mrs A. J. Garner

Ex-Officio Members

Councillor D. R. Score
Chairman of the Council

Councillor J. F. Beecher
Vice-Chairman of the Council

PUBLIC HEALTH DEPARTMENT

Offices: Medical Officer of Health, Town Hall, Harlow.
Telephone: Harlow 21031

Public Health Inspectors, Broadfield, Fishers
Hatch, Harlow. Telephone: Harlow 27651

Staff:

*Medical Officer of Health **

I. ASH, MD, DPH

Deputy Medical Officer of Health †

B. V. HASSAN, MD, BCh, BAO, DPH (to 4.12.68)

G. E. THOMAS, MB, BS, DRCOG, DPH (from 5.12.68)

<i>Chief Public Health Inspector:</i>	H. L. HUGHES, DPA, FAPHI, MRSH, 1 2 3
<i>Deputy Chief Public Health Inspector:</i>	S. A. EADE, DMA, MAPHI, FRSH, 1 2 3 4 5 (to 31.3.1968)
	D. W. TOWNSEND, MAPHI, 1 2 3 4 (from 29.5.1968)
<i>Public Health Inspector:</i>	W. WOOD, MAPHI, 2 3 6
<i>Public Health Inspector:</i>	M. R. RUOCCO, MAPHI, MRSH, 1 2 3
<i>Public Health Inspector:</i>	J. S. DRIPPS, MAPHI, 1 2 3 (from 2.12.1968)
<i>Technical Assistant:</i>	R. GETHING
<i>Chief Clerk:</i>	MISS A. E. A. ROTHWELL
<i>Personal Administrative Assistant to Medical Officer of Health:</i>	MRS B. CRUICKSHANK
<i>Clerk/Typists:</i>	MRS B. KAYE MISS L. TODD MRS C. CHRISTY

- * Also Medical Officer of Health for Epping UDC and Epping and Ongar RDC and Area Medical Officer and Divisional School Medical Officer, Essex County Council.
- † Also Deputy Medical Officer of Health for Epping UDC and Epping & Ongar RDC and Assistant Medical Officer, Essex County Council.
- 1 Certificate of the Royal Society of Health and Public Health Inspectors Examination Joint Board.
- 2 Royal Society of Health (Meat and Other Foods) Certificate.
- 3 Diploma of the Royal Society of Health for Smoke Inspectors.
- 4 Certificate in Sanitary Science, Royal Society of Health.
- 5 Diploma in Hygiene, Royal Institute of Public Health and Hygiene.
- 6 Sanitary Inspectors' Certificate, Royal Sanitary Association of Scotland.

To the Chairman and Members of the Harlow Urban District Council

Mr. Chairman, Ladies and Gentleman,

In the preface to my 1965 report I drew attention to the enormous amount of work which goes into the preparation of an annual report and I also pointed out that one should avoid drawing any conclusions from statistics covering a short period of 12 months because they are likely to be affected by chance. Moreover, in the absence of epidemic outbreaks or other dramatic events it is extremely difficult to find something to say year after year under the various headings of the report.

For these reasons I have decided to change the form of my reports and from now on I shall submit a full report consisting of a narrative part and of statistical material only every five years. (After the 10 year review in 1965 the next full report will be for the year 1970). In between I shall continue to compile shortened reports in order to comply with the requirements of paragraph 15(5) of the Public Health Officers Regulations, 1959. These reports will have the usual statistical data and in addition I shall draw your attention in the preface to such matters as may be necessary, and shall also include information which from time to time may be requested by the Secretary of State for Health and Social Security.

This new arrangement will be more satisfactory since in a five year review statistical trends are better discernable and my comments will, therefore, be more accurate and appropriate.

Although the narrative part has now been omitted it is not possible to produce the Annual Report any earlier than in the past years. This is because a lot of work and time goes into the compilation of the statistical material and also because some of the Registrar General's national statistics, which are used for comparison, are published later and later every year despite the use of computers.

Figures in parentheses refer to 1967.

The year 1968 reviewed in this report was on the whole quite uneventful. The number of live births and the birth rate continued to decline and the ratio of the local adjusted birth rate to the national rate was 0.85. There was only a fractional increase in the percentage of illegitimate births which remains about half that for England and Wales.

The number of deaths was higher than in 1967, mainly in the 65+ age group, thus reflecting the ageing of the population of the town. For the first time in the history of Harlow the adjusted death rate was higher than that for the country as a whole.

The infant and perinatal mortality rates were lower than in the previous year and compared favourably with the national rates.

The notification of congenital anomalies has improved but is probably still not complete.

It is somewhat disappointing that another year has passed without any progress being made towards the fluoridation of the water supply.

The domiciliary midwives are now taking an active part in the work of the G.P. Maternity Unit at Princess Alexandra Hospital. A 48 hour discharge scheme was introduced in December after unnecessarily prolonged negotiations. Under this scheme domiciliary midwives together with the family doctors provide ante-natal care to low risk cases and then deliver them in the G.P. Unit. Unless complications develop, these women are discharged 48 hours after delivery to their homes where the midwives continue to look after them for a further eight days.

The good co-operation existing between the Area Health Department and the general practitioners was further improved by the attachment of home nurses to the individual practices rather than to health centres as hitherto.

Early in the year, at the invitation of the World Health Organization, I took up the appointment of short-term consultant in the Western Pacific Area. This entailed an absence from my post in Harlow of slightly over three months and I am grateful to the Council for granting me leave for this purpose.

As usual I must conclude by expressing my gratitude to all, individuals and organizations, who helped me throughout the year and particularly to those who have contributed information for this report.

I am, Mr Chairman, Ladies and Gentlemen,

Yours faithfully

I. ASH, MD, DPH,

Medical Officer of Health

Town Hall

Harlow

Essex

September, 1969

Visitors to Harlow:

The following were visitors to the Department during 1968:

Dr Francisco Casanova, Philippines.

Dr L. Kaprio, Regional Director for Europe,
World Health Organization.

Professor J. J. Day, Department of Epidemiology
& Community Medicine, Ottawa University, Canada.

Dr T. L. Carter and Mr J. Skubitz, U.S. Congressmen,
State of Kansas.

Dr D. G. Gooding, Principal Medical Officer,
Bucks County Council.

Mr F. Oaten, Clerk to the Bedfordshire & Luton Executive
Council. Dr R. Ellice Henderson, Deputy County Medical
Officer, Drs Green and Stephenson, general practitioners,
Bedfordshire.

39 doctors from the London School of Hygiene and Tropical
Medicine in two parties.

Party of 30 students from the University of London,
Institute of Education.

Nine students from King Edward's Fund, College of
Hospital Management.

GENERAL DATA

Area (in acres)		6,313
Number of houses (mid-year)	22,100	(20,724)
Number of houses per acre (average mid-year)	3.5	(3.1)
Number of persons per acre (average mid-year)	11.7	(11.3)
Number of persons per house (average mid-year)	3.3	(3.4)
Rateable value (mid-year)	£4,234,351	(£3,919,762)
Product of a penny rate (financial year 68/69)	£17,590	(£16,560)
The rate in the £ (financial year 1968/1969)	13/10	(13/5)

POPULATION

Resident population (Registrar General's mid-year estimate)	74,110	(71,370)
Increase over previous year	2,740	(2,630)
Increase due to excess of births over deaths	1,076	(1,151)
Balance due to inward migration	1,664	(1,147)

BIRTHS

Live Births	<i>Males</i>	<i>Females</i>
Legitimate	726 (706)	638 (672)
Illegitimate	38 (35)	32 (31)
Total	764 (741)	670 (703)
Crude rate per 1000 population	19.3	(20.3)
*Adjusted rate per 1000 population	14.3	(14.9)
Rate per 1000 population for England and Wales	16.9	(17.2)
Ratio of local adjusted birth rate to national rate	0.85	(0.87)

**Area comparability factor 0.74*

Illegitimate Live Births

Number registered	70	(66)
Rate per 100 live births	4.9	(4.6)
Rate per 100 live births in England and Wales	8.4	(8.4)

Still Births				<i>Males</i>		<i>Females</i>	
Legitimate	...	...	...	6	(10)	8	(7)
Illegitimate	...	...	...	-	-	-	-
Total	...	...	...	6	(10)	8	(7)
Rate per 1000 live and still births				10.0		(11.6)	
Rate per 1000 live and still births in England and Wales				14.3		(14.8)	

Total Births (Live and still)

Legitimate	...	...	...	732	(716)	646	(679)
Illegitimate	...	...	...	38	(35)	32	(31)
Total	...	...	...	770	(751)	678	(710)

The place of birth was as follows:

Hospital	1211	(83.6%)
Home	237	(16.4%)

Still Births by Cause and Place of Confinement

				<i>Hospital</i>		<i>Home</i>		<i>Total</i>	
Congenital anomalies	...	...	...	1	(2)	(-)	(-)	1	(2)
Toxaemias of pregnancy	...	...	...	2	(2)	-	(-)	2	(2)
Conditions of placenta	...	...	...	2	(2)	-	(-)	2	(2)
Anoxic and hypoxic conditions	...	...	...	1	(4)	-	(1)	1	(5)
Immaturity	...	...	...	2	(1)	-	(-)	2	(1)
Haemolytic disease	...	...	...	2	(-)	-	(-)	2	(-)
Conditions of umbilical cord	...	...	...	2	(-)	-	(-)	2	(-)
Unknown cause	...	...	...	2	(-)	-	(-)	2	(-)

Still Births according to Place of Booking and Delivery

<i>Place of Booking</i>	<i>Place of Confinement</i>	<i>Parity</i>					
		0	1	2	3	4	5+
Hospital	Hospital	8 (5)	-(2)	2 (3)	2 (2)	-(2)	1 (-)
Home	Home	-	-	-	-(1)	-(2)	-(3)
Home	Hospital (transfer before labour)	-	- 1	-	-	-	-
Home	Hospital (transfer in labour)	-	-	-	-	-	-

Premature Infants (5½lbs in weight or under) - Place of Birth and Mortality

<i>Place of Birth</i>	<i>Still Births</i>	<i>Live Births</i>	<i>Death within</i>		
			<i>24hrs</i>	<i>7days</i>	<i>28days</i>
Hospital	9 (10)	78 (54)	9 (6)	- (3)	-(2)
Home	-(-)	4 (-)	-	-	-

Congenital anomalies reported during the year

<i>No. of infants.</i>	<i>No. of anomalies in each.</i>
1 (1)	4
1 (2)	3
7 (3)	2
20 (30)	1

<i>Nature or site of anomalies</i>	<i>No. of anomalies</i>
Hydrocephalus	3
Spina bifida	5
Other anomalies of the C.N.S.	1
Cleft palate, lip	5
Talipes	7
Other anomalies of limbs	5
Other anomalies of musculo-skeletal system	5
Skin, hair and nails	2
Genital organs	3
Urinary system	2
Respiratory system	1
Mongolism	1
Other	1

DEATHS

	<i>Males</i>	<i>Females</i>
All Ages	180 (166)	178 (127)
Crude rate per 1,000 population	4.8	(4.1)
*Adjusted rate per 1,000 population	12.5	(10.8)
Rate for England and Wales per 1,000 population	11.9	(11.2)
Ratio of local adjusted death rate to national rate	1.05	(0.96)
*Comparability factor 2.61 (2.63)		

Infants under 1 year of age	<i>Males</i>	<i>Females</i>
Legitimate	10 (12)	10 (12)
Illegitimate	1 (-)	2 (-)
Total	11 (12)	12 (12)
Legitimate infant mortality rate per 1,000 legitimate live births	14.7	(17.4)
Legitimate infant mortality rate per 1,000 legitimate live births for England and Wales	†	(17.8)
Illegitimate infant mortality rate per 1,000 illegitimate live births	42.8	(-)
Illegitimate infant mortality rate per 1,000 illegitimate live births for England and Wales	†	(23.7)
Total infant mortality rate per 1,000 live births	16.0	(16.6)
Total infant mortality rate per 1,000 live births for England and Wales	18.3	(18.3)

† Figures not available

Neonatal Deaths (Infants under 4 weeks of age)	<i>Males</i>	<i>Females</i>
Legitimate	6 (8)	5 (8)
Illegitimate	-	1 (-)
Total	6 (8)	6 (8)
Neonatal mortality rate per 1,000 live births	8.4	(11.1)
Neonatal mortality rate per 1,000 live births for England and Wales	12.3	(12.5)

Early Neonatal Deaths (infants under 1 week of age)	<i>Males</i>	<i>Females</i>
Legitimate	6 (6)	4 (6)
Illegitimate	- (-)	1 (-)
Total	6 (6)	5 (6)
Early neonatal mortality rate per 1,000 live births	7.7	(8.3)
Early neonatal mortality rate per 1,000 live births for England and Wales	10.5	(10.8)

Perinatal Mortality (still births and deaths under 1 week combined)

Rate per 1,000 live and still births . . .	17.0	(20.0)
Rate per 1,000 live and still births for England and Wales	24.7	(25.4)

Maternal Mortality

Maternal deaths (including abortion) . . .	-	(1)
Maternal mortality rate per 1,000 live and still births	-	(0.7)
Maternity mortality rate per 1,000 live and still births for England and Wales . . .	0.2	(0.2)

CAUSES OF DEATH *

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Enteritis and other diarrhoeal diseases	1	1	2
Other infective and parasitic diseases	1	2	3
Malignant neoplasm - stomach	5	3	8
Malignant neoplasm - lung, bronchus	15	10	25
Malignant neoplasm - breast	-	14	14
Malignant neoplasm - uterus	-	4	4
Leukaemia	2	1	3
Other malignant neoplasms, etc.	19	17	36
Benign and unspecified neoplasms	-	3	3
Diabetes mellitus	1	3	4
Mental disorders	-	1	1
Meningitis	-	1	1
Other diseases of nervous system	1	2	3
Chronic rheumatic heart disease	2	4	6
Hypertensive disease	2	3	5
Ischaemic heart disease	58	24	82
Other forms of heart disease	6	7	13
Cerebrovascular disease	13	28	41
Other diseases of circulatory system	4	9	13
Influenza	3	4	7
Pneumonia	11	14	25
Bronchitis and emphysema	8	2	10
Asthma	1	1	2
Other diseases of respiratory system	5	1	6
Peptic ulcer	1	1	2
Intestinal obstruction and hernia	2	1	3
Other diseases of digestive system	-	1	1
Nephritis and nephrosis	2	-	2
Congenital anomalies	4	2	6
Birth injury, difficult labour, etc.	-	1	1
Other causes of perinatal mortality	3	4	7
Symptoms and ill-defined conditions	1	2	3
Motor vehicle accidents	6	1	7
All other accidents	1	6	7
Suicide and self-inflicted injuries	2	-	2
<div style="display: flex; justify-content: space-between;"> Total all causes 180 178 358 </div>			

* Because of changes in the classification of causes of death adopted by the 19th World Health Assembly, figures for 1968 are not comparable with those for previous years.

AGE AND SEX DISTRIBUTION OF DEATHS

<i>Age</i>	<i>Males</i>	<i>Females</i>	<i>Total</i>
Under four weeks	6 (8)	6 (8)	12 (16)
4 weeks and under 1 year	5 (4)	6 (4)	11 (8)
1 - 4 years	- (2)	2 (2)	2 (4)
5 - 14 years	1 (3)	1 (2)	2 (5)
15 - 24 years	4 (5)	- (-)	4 (5)
25 - 35 years	4 (3)	- (3)	4 (6)
36 - 44 years	8 (8)	12 (8)	20 (16)
45 - 54 years	19 (20)	22 (15)	41 (35)
55 - 64 years	38 (38)	16 (23)	54 (61)
65 - 74 years	54 (32)	41 (19)	95 (51)
75 years and over	41 (43)	72 (43)	113 (86)
Total	180 (166)	178 (127)	358 (293)

<i>Accidental deaths:</i>	Motor vehicle accidents	7
	Under anaesthetic	2
	Inhalation of vomit	2
	Accidental poisoning	2
	Result of a fall	1

70 deaths were referred to the Coroner

<i>Place of death:</i>	In hospital	229
	At home	126
	On the road	3

COMMUNICABLE DISEASES (other than tuberculosis)

Age:		0 -	1 -	2 -	3 -	4 -	5 -
Scarlet Fever	...	- (1)	1 (4)	7 (14)	10 (5)	13 (15)	35 (28)
Whooping Cough	...	7 (7)	9 (4)	12 (15)	7 (10)	9 (8)	18 (26)
Measles	... ..	11 (35)	24 (173)	26 (175)	23 (193)	29 (182)	68 (370)
Dysentery	... ..	- (1)	3 (5)	1 (3)	1 (3)	- (3)	7 (11)
Food poisoning	...	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)
Infectious hepatitis	...	- (-)	1 (-)	1 (-)	1 (1)	- (3)	62 (23)
Meningococcal infection		- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)

Notifications according to age

						<i>Incidence rate per 10,000 population</i>	
10 –	15 –	25 –	45 –	65 –	Total	Harlow	England & Wales
2 (5)	1 (5)	- (-)	- (-)	- (-)	69 (77)	9.3	3.0
2 (1)	- (1)	- (1)	- (-)	- (-)	64 (73)	8.6	3.5
- (9)	- (3)	1 (2)	- (-)	- (-)	182 (1142)	20.5	48.7
- (4)	1 (1)	4 (13)	- (-)	- (-)	17 (44)	2.3	4.0
- (-)	- (1)	1 (2)	- (-)	- (-)	2 (3)	0.3	1.2
41 (6)	30 (7)	24 (8)	1 (-)	- (-)	161 (48)	23.1	*
- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	0.1	0.1

* Figure not available

CAUSES OF DEATH OF INFANTS UNDER THE AGE OF ONE YEAR

	Under 1 day	1 - 7 days	Total under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 1 month	1 - 3 months	3 - 6 months	6 - 9 months	9 - 12 months	Total under 1 year
Immaturity . . .	6 (2)	1 (1)	7 (3)	- (-)	- (1)	- (-)	7 (4)	- (-)	- (-)	- (-)	- (-)	7 (4)
Congenital anomalies	1 (1)	1 (2)	2 (3)	- (2)	- (-)	- (-)	2 (5)	1 (-)	- (1)	1 (1)	- (-)	4 (7)
Bronchitis/Broncho-pneumonia . . .	- (-)	- (-)	- (-)	- (-)	- (-)	- (1)	- (1)	2 (-)	1 (-)	- (-)	- (2)	3 (3)
Anoxic and hypoxic conditions . . .	2 (3)	- (2)	2 (5)	- (-)	- (-)	- (-)	2 (5)	- (-)	- (-)	- (-)	- (-)	2 (5)
Congenital disorders of metabolism	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (1)	- (1)
Accidental asphyxia	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	2 (-)	- (-)	- (-)	3 (-)
Gastroenteritis . . .	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	1 (-)	- (-)	(1)	- (-)	2 (-)
Meningitis . . .	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)	- (-)
Other . . .	- (-)	- (-)	- (-)	1 (-)	- (-)	- (-)	1 (-)	- (2)	1 (1)	- (-)	- (1)	2 (4)
Total . . .	9 (6)	2 (5)	11(11)	1 (2)	- (1)	- (1)	12(15)	5 (2)	4 (2)	2 (1)	- (4)	23(24)

COMMUNICABLE DISEASES - TUBERCULOSIS

	<i>Respiratory</i>				<i>Other</i>				<i>Total</i>	
	<i>Males</i>		<i>Females</i>		<i>Males</i>		<i>Females</i>			
Number of cases on register on 1.1.68:	305	(315)	304	(307)	29	(24)	29	(27)	667	(673)
Number of cases added to the register during 1968:										
New cases . . .	7	(12)	10	(9)	2	(3)	-	(2)	19	(26)
Inward transfers	2	(9)	1	(7)	1	(2)	1	(-)	5	(18)
Number of cases removed from the register during 1968:										
Deaths . . .	3	(8)	2	(-)	-	(-)	-	(-)	5*	(8*)
Outward transfers	17	(22)	15	(18)	2	(-)	1	(1)	35	(40)
Patients cured	1	(1)	-	(-)	-	(-)	-	(-)	1	(2)
Number of cases remaining on register on 31.12.68:	293	(305)	298	(304)	30	(29)	29	(29)	650	(667)

*All deaths from causes other than tuberculosis.

Incidence of new cases	<i>Respiratory</i>				<i>Other</i>				<i>Total</i>	
	<i>Males</i>		<i>Females</i>		<i>Males</i>		<i>Females</i>			
(a) According to age										
Under 5 years . . .	3	(1)	-	(1)	-	(-)	-	(1)	3	(3)
5 - 14 years . . .	-	(1)	4	(4)	-	(-)	-	(-)	4	(5)
15 - 24 years . . .	-	(-)	-	(-)	1	(-)	-	(-)	1	(-)
25 - 44 years . . .	3	(4)	4	(2)	1	(2)	-	(1)	8	(9)
45 - 64 years . . .	1	(4)	1	(2)	-	(1)	-	(-)	2	(7)
65 and over . . .	-	(2)	1	(-)	-	(-)	-	(-)	1	(2)

(b) Rate per 1000 population

	<i>Respiratory</i>		<i>Other</i>	
Harlow . . .	0.2	(0.3)	0.03	(0.06)
England and Wales	0.2	(0.2)	0.04	(0.04)

Mortality rate per 1000 population

	<i>Respiratory</i>		<i>Other</i>	
Harlow . . .	-	(-)	-	(-)
England and Wales		(0.03)	0.01	(0.01)

MASS RADIOGRAPHY

Location of Unit	Persons X-Rayed		
	Male	Female	Total
The High	846	1290	2136
Staple Tye	109	124	233
Potter Street	184	219	403
Tesco Ltd	177	83	260
United Glass Ltd.	618	201	819
Total number X-rayed	1934	1917	3851
Requiring further investigation	18	23	41

Classification of attendances

General public	1113	1629	2742
Organized groups	821	288	1109

Pulmonary tuberculosis

Requiring immediate attention	1	-	1
Requiring close clinic supervision	-	1	1
Requiring occasional clinic supervision	2	2	4
Presumed healed, requiring no further action	2	1	3

Abnormalities other than tuberculosis

Carcinoma of the lung	1	-	1
Congenital abnormalities of the heart and vessels	1	-	1
Acquired abnormalities of the heart and vessels	2	6	8
Bacterial and virus infections of the lungs	1	-	1
Benign tumours of the lung and mediastinum	-	3	3
Pleural thickening or calcification - non TB	1	-	1
Abnormalities of the diaphragm and oesophagus	2	-	2

The above information was supplied by the Medical Director of the Mass Radiography Unit

SANITARY CIRCUMSTANCES AND INSPECTIONS

Water	<i>Gallons</i>	
Water supplied unmeasured (domestic)	804.8	(757) million
Water supplied by meter (trade)	526.9	(477) million
Total consumption for year	1,331.7	(1234) million
Average supplied per day - domestic	2.21	(2.07) million
- trade	1.44	(1.30) million
- all purposes	3.65	(3.37) million
Consumption per head per day - domestic	30	(28.7)
- trade	19	(18.1)
- all purposes	49	(46.8)

(The above figures were supplied by the Lee Valley Water Company)

The following samples of water were taken for examination:

	<i>Samples</i>		<i>Result</i>
	<i>Bacteriological</i>	<i>Chemical</i>	<i>Unsatisfactory</i>
Public Supply			
by Public Health Department	13 (4)	2 (1)	- (1)
by Lee Valley Water Company	367 (259)	13 (12)	- (-)
Private wells	4 (-)	2 (-)	3 (-)
Swimming and paddling pools			
11 swimming pools	55 (53)	1 (-)	2 (3)
4 paddling pools	10 (13)	- (-)	1 (1)

Sewage disposal other than through sewers

Cesspools, septic and chemical tanks	53	(52)
Chemical closets (emptied weekly by Harlow UDC)	4	(4)
Pail closets (emptied by occupier)	1	(1)
Pail closets (emptied by Harlow UDC)	4	(4)

Housing

(i) GENERAL

Complaints of housing defects	151	(128)
Housing inspections carried out - by medical officers	56	(27)
by public health inspectors	562	(545)
Intimation notices served	62	(44)
Statutory notices served	1	(-)
Houses where defects were remedied	53	(47)

(ii) IMPROVEMENTS

		<i>Standard Grant</i>	<i>Discretionary Grant</i>	<i>Total</i>
(a) Individual houses				
Applications received	...	6 (7)	5 (4)	11 (11)
Applications approved	...	6 (7)	5 (3)	11 (10)
Applications refused	...	-	-(1)	- (1)
Applications withdrawn	...	- (-)	- (-)	- (-)
Dwellings where work completed		6 (-)	3 (6)	9 (6)
 (b) Improvement Area (Bury Road)				
Houses in area	... ..	...	...	79 (79)
Houses which required improvement	...	...	...	39 (39)
Preliminary notices served	...	...	...	31 (31)
Immediate improvement notices served		...	...	10 (10)
Suspended notices	...	...	...	12 (12)
Final notices	...	...	...	4 (4)
Undertakings to improve received		...	...	9 (9)
Houses sold to Council by owners	...	...	...	10 (10)
Total number of houses improved		...	...	27 (-)
Houses with work in progress	...	...	...	1 (7)
Houses with outstanding suspended improvement notices			...	6 (12)

Offices, Shops and Railways Premises Act, 1963

REGISTERED PREMISES

	<i>Premises registered during year</i>	<i>Total number of registered premises at end of year</i>	<i>Registered premises receiving a general inspection during the year</i>
Offices	17 (14)	146 (139)	58 (45)
Retail shops	28 (48)	301 (291)	178 (159)
Wholesale shops, warehouses	11 (1)	24 (17)	22 (6)
Catering establishments open to public, canteens	4 (11)	37 (33)	16 (16)
Fuel storage depots	- (-)	1 (2)	1 (2)

PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

<i>Class of Workplace</i>	<i>Number of persons employed</i>
Offices	2,382 (2,572)
Retail shops	2,488 (2,525)
Wholesale shops, warehouses	334 (276)
Canteens and catering establishments open to the public	358 (364)
Fuel storage depots	10 (25)
Total	5,572 (5,762)
Total males	2,450 (2,550)
Total females	3,122 (3,212)
Number of visits by inspectors to registered premises	614 (833)

CONTRAVENTIONS

<i>Sections of Act</i>	
4 Lack of cleanliness	81 (51)
5 Overcrowding	3 (4)
6 Inadequate temperature	31 (41)
7 Inadequate ventilation	28 (8)
8 Insufficient lighting	16 (12)
9 Defects in, or lack of, sanitary conveniences	34 (35)
10 Defects in, or lack of, washing facilities	36 (37)
11 Lack of drinking water supply	6 (12)
12 Lack of clothing accommodation	12 (8)
13 Lack of sitting facilities	5 (8)
16 Defects in floors and passages	13 (15)
17 Inadequate fencing of exposed parts of machinery	17 (5)
18 Protection of young persons from dangerous machinery	3 (1)
24 Lack of first-aid equipment	77 (41)
27 Dangerous equipment	14 (5)
49 Failure to register premises	41 (58)
50 Lack of information for employees	48 (61)
Total	465 (388)
Number of notices sent to occupiers of premises	113 (141)
Number of accidents notified to local authority under Section 48	20 (11)
Number of statutory notices served	— (-)
Number of legal proceedings for contraventions of Act	— (-)

Factories Act, 1961

Factories in which Sections 1, 2, 3, 4 and 6 are to enforced by local authorities	5	(4)
Factories not included in above in which Section 7 is enforced by local authority	138	(141)
Other premises in which Section 7 is enforced by the local authority (excluding outworkers' premises)	26	(36)
Inspections	89	(58)
Written notices	8	(3)
Referred to HM Inspector of Factories	1	(-)
Referred from HM Inspector of Factories	1	(-)

DEFECTS FOUND:

Unsuitable, unclean or defective sanitary accommodation	2	(3)
Inadequate ventilation	1	(-)
Other offences against the Act	6	(51)

OUTWORKERS (mainly engaged on work in connexion with wearing apparel)	210	(233)
---	-----	-------

Atmospheric Conditions

	<i>Air temperature (Fahrenheit)</i>			<i>Rainfall in inches</i>	<i>Smoke & sulphur dioxide in micrograms per cubic metre</i>	
	<i>A</i>	<i>B</i>	<i>C</i>		<i>Site: Town Hall</i>	
	<i>Mean Min.</i>	<i>Mean Max.</i>	<i>Mean of A & B</i>		<i>Smoke</i>	<i>SO²</i>
January	33.9 (36.0)	44.6 (45.0)	39.2 (40.5)	1.72 (1.12)	38 (65)	159 (156)
February	31.1 (36.8)	41.1 (48.0)	36.1 (42.4)	0.87 (1.82)	32 (36)	143 (115)
March	37.5 (39.5)	51.8 (52.7)	44.6 (46.1)	0.79 (0.96)	22 (10)	133 (80)
April	37.9 (38.0)	56.0 (52.8)	46.9 (45.4)	1.47 (2.10)	21 (17)	120 (70)
May	42.5 (45.8)	58.7 (59.7)	50.6 (52.7)	1.22 (3.10)	16 (15)	92 (63)
June	51.4 (49.1)	67.9 (66.7)	59.6 (57.9)	2.34 (1.17)	11 (12)	69 (47)
July	52.2 (55.7)	68.2 (73.5)	60.2 (64.6)	2.63 (1.36)	13 (9)	83 (52)
August	54.3 (53.7)	67.6 (70.4)	60.5 (62.0)	2.72 (2.02)	11 (9)	56 (46)
September	52.1 (51.0)	65.3 (64.4)	58.7 (57.7)	3.02 (1.73)	13 (17)	43 (60)
October	50.2 (48.2)	61.0 (58.8)	55.6 (53.5)	2.92 (3.72)	22 (12)	81 (61)
November	40.3 (34.2)	48.3 (48.7)	44.3 (41.4)	1.08 (1.22)	28 (31)	99 (115)
December	33.5 (33.8)	40.9 (44.6)	37.2 (39.2)	2.37 (1.71)	42 (51)	138 (168)

The meteorological data were supplied by the Harlow Development Corporation. Observations of smoke and sulphur dioxide were made by the staff of the Public Health Department.

Food

TYPE AND NUMBER OF FOOD SHOPS AND OTHER FOOD PREMISES IN THE DISTRICT

Grocers	...	...	...	...	...	...	...	...	33	(35)
Butchers	...	...	...	...	...	...	...	...	22	(23)
Fishmongers (including fish fryers)	...	...	...	...	...	...	...	...	13	(13)
Greengrocers	...	...	...	...	...	...	...	...	18	(20)
Sweets and confectionery	...	...	...	...	...	...	...	...	26	(28)
General food stores	...	...	...	...	...	...	...	...	11	(12)
Cafes and restaurants	...	...	...	...	...	...	...	...	26	(26)
Public houses	...	...	...	...	...	...	...	...	25	(25)
Off-licences	...	...	...	...	...	...	...	...	8	(7)
Halls, community centres and clubs	...	...	...	...	...	...	...	...	55	(56)
Factory and other industrial canteens	...	...	...	...	...	...	...	...	42	(41)
School canteens	...	...	...	...	...	...	...	...	36	(36)
Building site canteens	...	...	...	...	...	...	...	...	12	(16)
Food storage depots	...	...	...	...	...	...	...	...	4	(4)
Food factories	...	...	...	...	...	...	...	...	7	(6)
Bakehouses and bakers	...	...	...	...	...	...	...	...	11	(12)
Market stalls	...	...	...	...	...	...	...	...	14	(14)
Total									363	374

N.B. There are no egg pasteurization plants in this district.

[Liquid Egg (Pasteurization) Regulations, 1963]

NUMBER OF PREMISES SUBJECT TO THE FOOD HYGINE (GENERAL) REGULATIONS, 1960

Number of food premises	...	...	...	...	...	...	...	...	349
Number of premises fitted to comply with Regulation 16	...	...	...	...	...	...	...	...	349
Number of premises to which Regulation 19 applies	...	...	...	...	...	...	...	...	337
Number of premises fitted to comply with Regulation 19	...	...	...	...	...	...	...	...	335
(Two exemption certificates granted)									

PREMISES REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, 1955

Storage and sale of ice-cream	...	...	...	...	...	...	...	...	82	(76)
Preparation or manufacture of sausages or potted, pressed, pickled or preserved food	...	...	...	...	...	...	...	...	31	(28)

MILK SUPPLY

Number of milk depots registered	...	...	...	...	...	4	(4)
Number of inspections carried out	...	...	...	...	...	14	(24)
Licences issued under Milk (Special Designation) Regulations 1960 & 1963:							
Pasteurized	...	...	...	...	...	30	(30)
Sterilized	...	...	...	...	...	24	(23)
Ultra-heat treated	...	...	...	...	...	8	(5)
Number of premises from which milk was sold	...	...	...	...	...	30	(32)

Bacteriological Examination of Food

Milk		Samples	Satisfactory	Unsatisfactory
Pasteurized	...	51 (69)	43 (66)	8* (3)
Sterilized	...	26 (23)	26 (23)	- (-)
Pasteurized Channel Island		4 (1)	3 (1)	1 (-)
Ultra-heat treated	...	14 (12)	14 (12)	- (-)

*Failed to pass the methylene blue test

Ice-Cream and Ice Lolly		Samples	Satisfactory	Unsatisfactory
Ice-Cream	...	94 (71)	Grade I 57 (51) Grade II 12 (10)	Grade III 12 (6) Grade IV 13 (4)
Ice Lolly	...	7 (8)	7 (6)	- (2)

Cooked Meat and Meat Products		Samples	Satisfactory	Unsatisfactory
Brawn	...	1 (1)	1 (1)	- (-)
Corned beef	...	8 (8)	7 (7)	1 (1)
Faggot	...	2 (2)	2 (2)	- (-)
Ham	...	6 (11)	5 (5)	1 (6)
Jellied veal	...	3 (9)	3 (7)	- (2)
Luncheon meat	...	16 (10)	11 (9)	5 (1)
Pork	...	1 (6)	- (5)	1 (1)
Other cooked meats and meat products	...	19 (13)	14 (9)	5 (4)
Total	...	56 (60)	43 (45)	13 (15)

Miscellaneous*		Samples	Satisfactory	Unsatisfactory
Fresh cream	...	4	3	1
U.H.T. cream	...	1	1	-
Imitation cream	...	1	1	-
Artificial cream-filled cakes		1	1	-
Dairy cream-filled cakes		10	9	1
Shellfish	...	17	13	4
Total	...	34	28	6

*Samples of different foods taken in 1967 therefore no comparable figures.

Chemical Analysis of Food and Drugs

<i>Articles submitted for analysis</i>	<i>Number of samples</i>			<i>Samples adulterated or otherwise irregular</i>		
	<i>Formal</i>	<i>Informal</i>	<i>Total</i>	<i>Formal</i>	<i>Informal</i>	<i>Total</i>
* Meat and meat products	6 (2)	13 (14)	19 (16)	- (-)	2 (4)	2 (4)
Milk and milk products	15 (17)	6 (7)	21 (24)	- (1)	- (-)	- (1)
Ice-cream	1 (-)	10 (10)	11 (10)	- (-)	- (-)	- (-)
Soft drinks	4 (3)	4 (1)	8 (4)	- (-)	- (-)	- (-)
Wines and spirits . . .	11 (6)	1 (1)	12 (7)	- (-)	- (-)	- (-)
* Other foods	31 (16)	58 (74)	89 (90)	2 (-)	2 (3)	4 (3)
Medicines and drugs . . .	19 (26)	22 (27)	41 (53)	- (-)	- (1)	- (1)
Miscellaneous food examined for residual pesticides	- (-)	3 (-)	3 (-)	- (-)	- (-)	- (-)
Total	87 (70)	117 (134)	204 (204)	2 (1)	4 (8)	6 (9)

UNSATISFACTORY SAMPLES

<i>Article</i>	<i>Defect</i>	<i>Comments</i>
* Corned beef	Contained a blow-fly	Legal proceedings instituted against manufacturer
Pork sausages	Notice re preservatives in food not displayed	Warning letter sent to manufacturer
Apricot jam	Contained only 64% soluble solids.	Degree of deficiency too small to warrant legal proceedings
* Toy train	Coating of paint contained lead	Origin of toy not traceable No action possible.
Raspberry flavoured powder	Notice re artificial sweetening not displayed	Technical offence. Warning to retailer
'Outline' vegetable fat	No statement of amount of vitamins A & D on label	Technical offence. Warning to manufacturer

* Includes samples taken as a result of complaints from the public

LEGAL PROCEEDINGS

<i>Law Contravened</i>	<i>Offence</i>	<i>Result</i>	
		<i>Fine</i>	<i>Costs</i>
Food & Drugs Act, 1955, section 2	Sale of:		
	Mouldy white loaf	£10	5gns
	Rancid butter	£40	10gns
	Sweet containing wire	£15	2gns
	Mouldy yoghurt	£15	2gns
	Mouldy apple pie	£10	2gns
	Cake containing a nail	£20	4gns

<i>Law contravened</i>	<i>Offence</i>	<i>Fine</i>	<i>Result</i>	<i>Costs</i>
Food & Drugs Act, 1955, section 2	Sale of:			
	Loaf containing a piece of hacksaw blade	£20		5gns
	Mouldy butter	£25		£7.16.0
	Loaf containing pieces of metal	£50		5gns
	Wire wool in tin of braised steak	£30		5gns
	Tin of corned beef containing an insect	£25		5gns
	Fermenting yoghurt	£40		10gns
	Mouldy cake	Case dismissed		
	Mouldy fruit pie	£15		2gns
	Loaf containing an insect ...	£20		5gns

SUMMARY OF LEGAL PROCEEDINGS

Prosecutions ordered by Council	14	(17)
Cases heard in Magistrates' Court (includes six cases from previous year)	15	(11)
Cases remaining to be dealt with on 31.12.68.	2	(6)
Cases withdrawn	3	(-)

Rodent Control (Prevention of Damage by Pests Act, 1949)

Complaints received	320	(330)
Properties inspected	418	(511)
Total number of inspections and reinspections	2,434	(2,655)
Properties found infested and treated by Public Health Dept. ...	316	(331)
Properties found infested and treated by occupier	-	(3)
No evidence of infestation	2	(24)
Contracts entered into	67	(83)
Sewer manholes baited	25	(-)

Summary of other work carried out by public health inspectors

Inspections of food premises, including food shops, food manufacturing premises, market stalls and mobile vans	1,584	(1,397)
Sampling visits only	461	(423)
Inspections of shops other than food shops	422	(618)
Inspections of premises in connexion with duties under Petroleum (Consolidation) Act, 1928	471	(341)
Inspection of swimming pools	28	(22)
Inspection of schools - general	3	(5)

Inspections in connexion with refuse collection	104	(92)
Inspections of drainage	222	(274)
Visits in connexion with infectious diseases	190	(244)
Visits in connexion with complaints and nuisances (other than housing matters)	120	(173)
Visits in connexion with insects and pest infestations	632	(703)
Visits in connexion with smoke control areas	7	(103)
Visits in connexion with other duties under the Clean Air Act 1956	163	(219)
Visits in connexion with caravans	22	(22)
Inspections of places of entertainment	5	(19)
Visits in connexion with water supplies	7	(18)
Sundry other visits	1,010	(275)
Complaints investigated and action taken	696	(710)
Intimation notices served	338	(355)
Statutory notices served	1	(4)

SERVICES OF THE ESSEX COUNTY COUNCIL

The membership of the Harlow Health Area Sub-Committee which controls the decentralized services of the County Health Committee was, on 31 December, 1968, as follows:

Representing Harlow Urban District Council	Councillor Mrs E. I. V. Morris (Chairman) Councillor Mrs M. Bach Councillor B. E. Barry Councillor J. F. Beecher Councillor R. P. Chant Councillor D. F. Condon Councillor R. J. Kelly Councillor Mrs H. A. Martin Councillor H. W. Morris Councillor E. L. Parrish Councillor V. A. Phelps Councillor D. M. Warner
---	--

Representing Essex County Council	Alderman O. L. Oxley Alderman D. V. Wilson Councillor M. D. Grafford Councillor D. L. Jones Councillor M. D. Juliff Councillor F. R. Prosser Councillor L. A. Welch
-----------------------------------	---

Representing Harlow Group Hospital Management Committee	Councillor Mrs S. Anderson
--	----------------------------

Representing National Health Service Executive Council for Essex	Mrs K. A. Wilson
---	------------------

Representing Local Medical Committee for Essex	Dr J. Meyrick
---	---------------

Representing Local Voluntary Organ- izations	Dr G. Lewis
---	-------------

STAFF OF THE AREA HEALTH OFFICE ON 31st DECEMBER, 1968

(Some also deal with the School Health Service)

Area Medical Officer	...	...	I. Ash, MD, DPH (Part-time)
Medical Officers	...	...	B. V. Hassen, MB, BCh, BAO, DPH (Part-time to 4. 12. 68) G. E. Thomas MB, BS, DRCOG, DPH, BCh, BAO (Full-time to 4. 12. 68, Part-time from 5. 12. 68) Dorothy Donald, MB, BS, MRCS, LRCP (Part-time) Joyce M. Medley, MB, ChB (Part-time) Elizabeth Robertson, MB, ChB (Part-time) Elsie Joan Todd-White MRCS, LRCP (Part-time)
Area Dental Officer	...	...	M. Ashar, LDS, RCS
Superintendent Health Visitor	...	...	Miss I. C. Roberts, SRN, SCM, QN, HV Cert.
Health Visitors	...	...	8 Full-time (one engaged entirely on tuberculosis work) 1 Part-time
Clinic Nurses	...	...	2 Full-time 2 Part-time
Non-medical Supervisor of Midwives and Superintendent of District Nurses	...	...	Miss E. Bergin, SRN, SCM
Midwives	...	...	10 Full-time
District Nurses	...	...	5 Full-time 4 Part-time
Home Help Organizer	...	...	Mrs B. Oliver
Home Helps	...	...	38 Part-time 1 Full-time
Senior Administrative Officer	...	...	H. S. Alleyne, DPA
Administrative and Clerical Officers			13 Full-time

1. PART III OF THE NATIONAL HEALTH SERVICE ACT, 1946

Mothercraft and Relaxation Classes

Sessions held	208	(253)
Number of women attending	204	(240)
Number of attendances	1,296	(1,670)

Child Welfare

Child welfare sessions (doctor in attendance)	633	(613)
Health visitors' consultative sessions	193	(214)
Total number of attendances by health visitors	1,082	(1,126)
Total number of child attendances	19,410	(21,982)

Midwifery

(a) Clinics, ante - and post natal

Attendances by midwives at GP clinics	697	(662)
Number of examinations carried out	7,973	(6,795)
Attendances by midwives at own clinics	369	(388)
Number of examinations carried out	1,934	(2,402)

(b) Domiciliary work

Number of confinements attended		
As midwives	238	(331)
As maternity nurses after early discharge	310	(145)
Administration of analgesics		
Gas and air or Trilene	211	(294)
Pethidine or similar compound	105	(189)

Health Visiting

(a) Clinics and schools

Sessions attended at child health clinics	1,082	(838)
Sessions attended at ante-natal and mothercraft clinics	257	(374)
Sessions attended at school clinics	138	(139)
Sessions attended at schools	818	(753)

(b) *Domiciliary work*

Persons visited during the year					
Children under 5 years	...	...	...	5033	(5,796)
Persons aged 65 and over	...	...	...	59	(135)
Others	...	...	...	333	(643)
Number of visits during the year	...	...	...
To children under 5 years	...	...	...	9,977	(12,047)
To persons aged 65 years and over	...	...	...	117	(304)
Others	...	...	...	555	(1,191)
Total effective visits	...	...	...	10,649	(13,542)
Total ineffective visits	...	...	...	2,473	(2,987)

(c) *Tests for phenylketonuria*

Number of tests at home or clinic	...	...	...	1,065	(2,115)
Special visits to homes to collect urine specimens	...	...	...	147	(344)

(d) *Tuberculosis visiting*

Chest clinic sessions attended	...	...	...	302	(307)
Households visited during the year	...	...	...	211	(312)
Total number of home visits	...	...	...	639	(1,017)

Home Nursing

(a) Clinics

Number of sessions attended	...	...	...	1,842	(1,813)
Number of new patients treated	...	...	...	4,708	(3,899)
Total attendances by patients	...	...	...	12,683	(11,050)

(b) Domiciliary work

Number of patients attended under 65 years of age				325	(384)
Number of patients attended aged 65 years and over				319	(358)
Number of visits to patients under 65 years of age				6,116	(7,444)
Number of visits to patients aged 65 years and over				15,864	(15,083)

Immunizations (other than BCG)

Smallpox	...	...	...	...	1,004	(967)
Revaccinations	...	...	...	...	111	(69)
Diphtheria/Pertussis/Tetanus	...	...	...	...	1,339	(1,309)
Booster doses	...	...	...	...	1,039	(1,023)
Diphtheria/Tetanus	...	...	...	...	81	(112)
Booster doses	...	...	...	...	1,334	(1,375)
Diphtheria	...	...	...	...	2	(7)
Booster doses	...	...	...	...	32	(70)
Tetanus	...	...	...	...	241	(197)
Booster doses	...	...	...	...	122	(155)
Poliomyelitis - Sabin oral vaccine			...	...	1,556	(1,509)
Booster doses	...	...	...	...	1,959	(1,402)
Measles	...	...	...	...	1,115	(—)

Chiropody

Total number of treatments	5,213	(4,528)
----------------------------	-----	-----	-----	-------	---------

At clinics

To physically handicapped	...	...	...	79	(47)
To aged over 65 years	...	...	...	3,354	(3,016)

In old people's homes	154	(153)
-----------------------	-----	-----	-----	-----	-------

Domiciliary

To physically handicapped	...	...	...	105	(74)
To aged over 65 years	...	...	...	1,521	(1,238)
To others	...	...	...	—	(—)
Total	...	...	...	1,626	(1,312)

Patients being treated at end of year

Physically handicapped	...	...	...	36	(29)
Aged over 65 years	...	...	...	841	(693)
Others	...	...	...	—	(—)
Total	...	...	...	877	(722)

Home Help

Cases helped during year

Persons aged 65 years and over	...	...	...	256	(219)
Maternity cases	...	...	...	49	(47)
Chronic sick under 65 years	...	...	...	37	(47)
Others under 65 years	...	...	...	63	(78)
Total	...	...	...	405	(391)

Hours of help given

To persons aged 65 years and over	...	...	...	30,715	(32,080)
To maternity cases	...	...	...	1,418	(2,011)
To chronic sick under 65 years	...	...	...	3,386	(4,593)
To others under 65 years	...	...	...	3,448	(6,882)
Total	...	...	...	38,967	(45,566)

Cases being helped at end of year

Persons aged 65 years and over	...	...	...	177	(162)
Maternity cases	...	...	...	1	(2)
Chronic sick under 65 years	...	...	...	15	(17)
Others under 65 years	...	...	...	8	(16)
Total	...	...	...	201	(197)

New cases during this year

Persons aged 65 and over	...	...	...	93	(87)
Maternity cases	...	...	...	47	(43)
Chronic sick under 65 years	...	...	...	20	(31)
Others under 65 years	...	...	...	47	(64)
Total	...	...	...	207	(225)

***Medical Examination of Staff**

Number of medical questionnaires submitted . . .	480
Number of entrants appointed without medical examination	167
Number of entrants medically examined . . .	232

***Other medical examinations**

Employees of other local authorities	9
Others (including teachers and entrants to training colleges)	83
Number of X-ray examinations	231

2. SCHOOL HEALTH SERVICE - EDUCATION ACT, 1944**School Medical examinations**

Routine examinations	3,230	(2,921)
Special and re-examinations	2,819	(3,247)
Defects requiring observation	3,617	(1,203)
Defects requiring treatment	572	(187)

Audiometry

Referred for test	180	(122)
Tested for first time	180	(122)
Re-tested	21	(30)
No defect found	140	(72)
Placed under observation	5	(22)
Treatment required	54	(47)
Awaiting result of test	2	(11)

Speech Therapy

New cases referred	35	(32)
Cases treated for first time	35	(29)

***Cases under treatment at the end of the year . . .**

Infants	19
Juniors	14
Seniors	12
The Mead School	18
Under 5 years	3

***Pupils who completed or discontinued treatment during the year**

Infants	15
Juniors	5
The Mead School	4
Under 5 years	5

** As the method of presenting these statistics has been changed, comparative figures for 1967 are not given*

Prevention of tuberculosis

(i) *Tuberculosis case finding in school entrants*

Children to whom Heaf test was offered	...	2,002	(2,497)
Number who accepted	... ..	1,658	(2,035)
Number tested	... ..	1,472	(1,781)
Positive reactions	... ..	17	(-)
Significant findings on further investigation	...	1	(-)
No significant findings	... ..	16	(-)

(ii) *BCG Vaccination*

Children to whom vaccination was offered	...	1,648	(1,623)
Number who accepted	... ..	1,281	(1,338)
Number Heaf tested	... ..	1,159	(1,239)
Positive reactions	... ..	82	(28)
Negative reactions	... ..	1,033	(1,136)
Number vaccinated	... ..	946	(1,080)

The first part of the paper discusses the importance of the research and the objectives of the study. It then moves on to a literature review of the relevant research in this area. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques. The third part of the paper presents the results of the study and discusses their implications for practice and theory. Finally, the paper concludes with a summary of the findings and a discussion of the limitations of the study.

The first part of the paper discusses the importance of the research and the objectives of the study. It then moves on to a literature review of the relevant research in this area. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques. The third part of the paper presents the results of the study and discusses their implications for practice and theory. Finally, the paper concludes with a summary of the findings and a discussion of the limitations of the study.

The first part of the paper discusses the importance of the research and the objectives of the study. It then moves on to a literature review of the relevant research in this area. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques. The third part of the paper presents the results of the study and discusses their implications for practice and theory. Finally, the paper concludes with a summary of the findings and a discussion of the limitations of the study.

The first part of the paper discusses the importance of the research and the objectives of the study. It then moves on to a literature review of the relevant research in this area. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques. The third part of the paper presents the results of the study and discusses their implications for practice and theory. Finally, the paper concludes with a summary of the findings and a discussion of the limitations of the study.

The first part of the paper discusses the importance of the research and the objectives of the study. It then moves on to a literature review of the relevant research in this area. The second part of the paper describes the methodology used in the study, including the data collection and analysis techniques. The third part of the paper presents the results of the study and discusses their implications for practice and theory. Finally, the paper concludes with a summary of the findings and a discussion of the limitations of the study.

INDEX

Public Health Committee	3
Staff of the Public Health Department	4
Preface	6
Visitors to Harlow	8
General data	9
Population	9
Births	9
Cause and place of still births	10
Still births according to place of booking & delivery	10
Premature infants	11
Congenital anomalies	11
Deaths - general	12
Deaths by cause	14
Age and sex distribution of deaths	15
Communicable diseases (other than tuberculosis)	16
Cause of deaths of infants under age of one year	18
Communicable diseases - tuberculosis	19
Mass radiography	20
Sanitary circumstances and inspections	
Water	21
Swimming pools and paddling pools	21
Sewerage	21
Housing	21
Offices, shops and railway premises	22
Factories	24
Atmospheric conditions	24
Food	25
Pest control	28
Summary of other work	28

County Council Health Services

Area Health Sub-Committee	30
Staff of the Area Health Office	31
Mothercraft and relaxation	32
Child welfare	32
Midwifery	32
Health visiting	32
Home nursing	34
Immunizations	34
Chiropody	34
Home help	35
Medical examination of staff	36
School health service	
School medical examinations	36
Audiometry	36
Speech therapy	36
Prevention of tuberculosis	37
BCG Vaccination	37



