

[Report 1972] / Medical Officer of Health, Harlow U.D.C.

Contributors

Harlow (England). Urban District Council.

Publication/Creation

1972

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**THE HEALTH
OF HARLOW
in the year 1972**



Statistical Review



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THE HEALTH OF HARLOW

In the year 1972

STATISTICAL REVIEW

PUBLIC HEALTH COMMITTEE

as on

31st December

1972

Chairman:

Councillor Mrs. E. I. V. Morris

Vice-Chairman:

Councillor A. J. James

Members:

Councillor Mrs. M. Bach
Councillor J. S. Cave
Councillor Mrs. J. A. McAlpine

Councillor Mrs. A. J. Garner
Councillor M. A. Gerrard
Councillor W. W. Gibson

Ex-Officio Members:

Councillor D. C. Sharp
Chairman of the Council

Councillor A. S. Graham
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, MFCM, DPH*

Deputy Medical Officer of Health:
G. E. Thomas, MB, BS, MFCM, DRCOG, DPH To 29.2.72.
B. V. Hassan, MB, BCh, BAO, MFCM, DPH From 1.8.72.

Chief Public Health Inspector: D. W. Townsend, MAPHI, MRSH 1 2 3 4 8

Deputy Chief Public Health Inspector: M. R. Ruocco, MAPHI, MRSH 1 2 3

Senior Public Health Inspector: B. Curtis, MAPHI, MRSH 5 7 From 1.10.72.

Public Health Inspectors: G. W. Bailey, MAPHI 5 From 31.1.72.
P. J. Baxter, MAPHI, MRSH 5 From 24.1.72.
B. Curtis, MAPHI, MRSH 5 7 To 30.9.72.

Trainee PHI: K. M. Philbrick From 1.9.72.

Technical Assistant: R. Gething

General Assistants: R. Collins
S. Wright

Chief Clerk: Miss A. E. A. Rothwell

Personal Administrative Assistant to Medical Officer of Health: Mrs. B. Cruickshank, MAMS

Clerk/Typists: Mrs. C. Christy To 13.2.72.
Miss U. Springham
Miss G. Seers From 14.2.72.
Mrs. J. Drage To 24.9.72.
Mrs. L. Brown
Mrs. A. Waters From 13.11.72.

Supervisor, Meals on Wheels Service: R. White (part-time)

- * 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 part-time Deputy Medical Officer of Health for Epping UDC and Epping and Ongar RDC
- 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 Public Health Inspectors Diploma of the Public Health Inspectors Education Board.
- 6 Royal Society of Health, Diploma in Health Engineering.
- 7 Royal Society of Health, Diploma in Air Pollution Control.
- 8 Diploma in Bacteriology (Battersea College).

Nevertheless, I do believe that the reorganization of the National Health Service, which unites the three branches of medicine, is in the best interests of everybody concerned, although it may take some time before the benefits become apparent.

However, the complete administrative separation of the social services, which already causes difficulties, may in the long run prove to be a major disaster. It is not inconceivable that the next reorganization of local government and of the National Health Service, whenever that may be, will bring the health and social services together and enlarge the National Health Service management teams at various levels by the addition of a social work officer.

The vital and other statistics in this publication cover only one year and deal with relatively small numbers; they are, therefore, subject to chance fluctuations. Figures which are either better or worse when compared with those of previous years or with the national figures, must be viewed in this light.

These statistics are a numerical expression of much work which has gone into keeping the community in good health, and I want to take this opportunity of thanking all those who helped achieve this and particularly my staff and colleagues in local government and outside who have also contributed information for this review.

I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

I. ASH, MD, MRCM, DPH.

Medical Officer of Health

To the Chairman and Members of the Harlow Urban District Council

Mr. Chairman, Ladies and Gentlemen,

I have pleasure in presenting to you my Statistical Review for the year 1972.

Until now it has been the statutory duty of a medical officer of health to publish annually a report on the health and sanitary circumstances of the district for which he is responsible. In Harlow I produced full reports every five years with merely statistical reviews in the intervening years.

On 31st March 1974 the office of the Medical Officer of Health will cease to exist and with it will also disappear the annual report in its present form. Although in the National Health Service Reorganization Act, 1973, provision is made for the Community Health Councils to publish reports "on matters relating to the operation of the health service within the district", they are unlikely to replace the reports of the medical officer of health which, despite all their faults, were valuable annual audits of the health of the community. Moreover, since Harlow will become part of a large National Health Service district, which itself will be administered by an Area Health Authority, separate statistics for this town, especially like those shown in part III of this report, will probably no longer be available.

Nevertheless, I do believe that the reorganization of the National Health Service, which unifies the three branches of medicine, is in the best interests of everybody concerned, although it may take some time before the benefits become apparent.

However, the complete administrative separation of the social services, which already causes difficulties, may in the long run prove to be a major disaster. It is not inconceivable that the next reorganization of local government and of the National Health Service, whenever that may be, will bring the health and social services together and enlarge the National Health Service management teams at various levels by the addition of a social work officer.

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I am, Mr. Chairman, Ladies and Gentlemen,

Yours faithfully,

I. ASH, MD, MFCM, DPH.

Medical Officer of Health

Visitors to Harlow:

The following were visitors to the Department during 1972:

Dr. M. K. Ambursa, A.B.U. Hospital, Nigeria.

Dr. C. Bartlett and Miss Williamson, Social Workers, San Ramon, California, U.S.A.

Dr. Broyelle, Ministry of Health, France.

Dr. Bustamante, Medical Administrator, Philippines.

Sister M. Julie, Hospital Service, Edinburgh.

Dr. T. Kawaguchi, Ministry of Health, Japan.

Miss LaVerne Fakkema, School of Nursing, Yale University, U.S.A.

Dr. Aloysius Mboi, Ministry of Health, Indonesia.

Miss E. Mitchell, Nursing Officer, World Health Organization, (W.P.R.O.), Manila.

Still Births by Cause and Place of Delivery

	Hospital	Home	Total
Congenital anomalies	1		1
Toxaemia of pregnancy			
Conditions of placenta	7		7
Fetal and hypoxic conditions	5		5
Unknown cause	242	279	521
	252	22	274
	252	181	433

Still Births According to Place of Booking and Place of Delivery

Place of Booking	Place of Delivery	Crude rate per 1000 population	* Adjusted rate per 1000 population	Ratio of local adjusted birth rate to national rate
Hospital	Hospital	0.90	0.88	1.02
Home	Home	14.8	13.4	1.03
Home	Hospital (transfer)			
Home	(booked and delivered)			
Home	Hospital (transfer)			
	(booked in hospital)			
		23	1.7	1.3
		23	1.7	1.3

GENERAL DATA

Area (in acres)	6,313
Number of houses (mid-year)	24,150
Number of houses per acre (average mid-year)	3.8
Number of persons per acre (average mid-year)	12.5
Number of persons per house (average mid-year)	3.2
Rateable value (mid-year)	£4,945,483
Product of a penny rate (financial year 72/73—estimate)	£47,900
The rate in the £ (financial year 1972/73)	94.5p

POPULATION

Resident population (Registrar General's mid-year estimate)	79,020
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BIRTHS

Live Births	Males	Females
Legitimate	579	540
Illegitimate	52	33
Total	631	573
Crude rate per 1000 population	15.2	
*Adjusted rate per 1000 population	13.4	
Rate per 1000 population for England and Wales	14.8	
Ratio of local adjusted birth rate to national rate	0.90	

*Area comparability factor 0.88

Illegitimate Live Births

Number registered	85
Rate per 100 live births	7.1
Rate per 100 live births in England and Wales	8.6

Still Births	Males	Females
Legitimate	5	5
Illegitimate	-	1
Total	5	6
Rate per 1000 live and still births	9.1	
Rate per 1000 live and still births in England and Wales	12.0	

Total Births (Live and still)

Legitimate	584	545
Illegitimate	52	34
Total	636	579

The place of birth was as follows:

Hospital	1,137	(94.4%)
Home	67	(5.6%)

Still Births by Cause and Place of Delivery

	Hospital	Home	Total
Congenital anomalies	1	—	1
Toxaemias of pregnancy	—	—	—
Conditions of placenta	3	—	3
Anoxic and hypoxic conditions	6	1	7
Unknown cause	—	—	—

Still Births according to Place of Booking and Delivery

Place of Booking	Place of Delivery	Parity					
		0	1	2	3	4	5+
Hospital	Hospital	4	2	—	1	1	1
Home	Home	—	—	1	—	—	—
Home	Hospital (transfer before labour)	—	—	1	—	—	—
Home	Hospital (transfer in labour)	—	—	—	—	—	—

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

Place of Birth	Still Births	Live Births	Death within		
			24hrs	7days	28days
Hospital	5	81	9	2	—
Home	1	—	—	—	—

Congenital anomalies reported during the year

No. of infants	No. of anomalies in each
18	1
2	2

Nature or site of anomalies	No. of anomalies
Aniridia	1
Accessory auricle	3
Other unspecified anomalies of the ear	1
Cleft lip, palate	3
Hypospadias	4
Hydrocele	1
Anomaly of vagina	1
Polydactyly	2
Congenital dislocation, hip	2
Anomaly of spine	1
Naevus	1
Other anomalies of muscles, skin, fascia	2

DEATHS

	<i>Males</i>	<i>Females</i>
All Ages	232	184
Crude rate per 1000 population		5.3
*Adjusted rate per 1000 population		11.2
Rate for England and Wales per 1000 population		12.1
Ratio of local adjusted death rate to national rate		0.93

**Comparability factor 2.12*

Infants under 1 year of age

	<i>Males</i>	<i>Females</i>
Legitimate	15	8
Illegitimate	1	—
Total	16	8
Legitimate infant mortality rate per 1000 legitimate live births		20.6
Legitimate infant mortality rate per 1000 legitimate live births for England and Wales		16.9
Illegitimate infant mortality rate per 1000 illegitimate live births		11.8
Illegitimate infant mortality rate per 1000 illegitimate live births for England and Wales		21.1
Total infant mortality rate per 1000 live births		19.9
Total infant mortality rate per 1000 live births for England and Wales		17.2

Neonatal Deaths (Infants under 4 weeks of age)

	<i>Males</i>	<i>Females</i>
Legitimate	11	4
Illegitimate	1	—
Total	12	4
Neonatal mortality rate per 1000 live births		13.3
Neonatal mortality rate per 1000 live births for England and Wales		11.5

Early Neonatal Deaths (infants under 1 week of age)

	Males	Female
Legitimate	10	4
Illegitimate	1	—
Total	11	4
Early neonatal mortality rate per 1000 live births	12.5	
Early neonatal mortality rate per 1000 live births for England and Wales	9.8	

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

Rate per 1000 live and still births	21.4
Rate per 1000 live and still births for England and Wales	21.7

Maternal Mortality

Maternal deaths (including abortion)	—
Maternal mortality rate per 1000 live and still births	—
Maternal mortality rate per 1000 live and still births for England and Wales	0.1

CAUSES OF DEATH

	Male	Female	Total
Meningococcal infection	—	1	1
Other infective and parasitic diseases	1	1	2
Malignant neoplasm, buccal cavity etc.	1	—	1
Malignant neoplasm, oesophagus	2	—	2
Malignant neoplasm, stomach	7	4	11
Malignant neoplasm, intestine	9	6	15
Malignant neoplasm, lung, bronchus	35	5	40
Malignant neoplasm, breast	—	10	10
Malignant neoplasm, uterus	—	4	4
Malignant neoplasm, prostate	2	—	2
Leukaemia	1	4	5
Other malignant neoplasms	13	19	32
Benign and unspecified neoplasms	—	1	1
Diabetes mellitus	1	3	4
Avitaminoses etc.	1	—	1
Other endocrine diseases	1	—	1
Multiple sclerosis	—	1	1
Chronic rheumatic heart disease	3	4	7
Hypertensive disease	1	3	4
Ischaemic heart disease	59	41	100
Other forms of heart disease	7	5	12
Cerebrovascular disease	20	25	45
Other diseases of circulatory system	7	2	9
Influenza	—	3	3
Pneumonia	11	15	26
Bronchitis and emphysema	11	5	16
Other diseases of respiratory system	3	3	6
Peptic ulcer	3	1	4
Appendicitis	1	—	1
Cirrhosis of liver	1	—	1
Other diseases of digestive tract	3	—	3
Nephritis and nephrosis	2	2	4
Other diseases, genito-urinary tract	1	1	2
Diseases of skin, subcutaneous tissue	—	1	1
Congenital anomalies	3	3	6
Birth injury, difficult labour	8	1	9
Other causes of perinatal mortality	3	3	6
Symptoms and ill defined conditions	1	1	2
Motor vehicle accidents	8	1	9
All other accidents	2	1	3
Suicide and self inflicted injuries	—	2	2
Total all causes	232	184	416

AGE AND SEX DISTRIBUTION OF DEATHS

Age	Male	Female	Total
Under four weeks	12	4	16
4 weeks and under 1 year	4	4	8
1- 4 years	2	1	3
5-14 years	3	—	3
15-24 years	6	2	8
25-35 years	2	2	4
36-44 years	11	11	22
45-54 years	35	17	52
55-64 years	44	31	75
65-74 years	67	32	99
75 years and over	46	80	126
Total	232	184	416

Accidental deaths:

Motor vehicle accidents	9
Other accidents:	
Fall	1
Carbon monoxide poisoning	1
Unspecified	1
Total	12

Place of death

Hospital	246
Home	155
Other	15

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
Congenital anomalies	-	-	-	-	-	-	-	2	1	-	-	3
Immaturity	6	2	8	-	-	-	8	-	-	-	-	8
Birth injury/difficult labour	2	2	4	-	-	-	4	-	-	-	-	4
Bronchitis/pneumonia	-	-	-	1	-	-	1	-	3	1	-	5
Anoxic and hypoxic conditions	3	-	3	-	-	-	3	-	-	-	-	3
Haemolytic disease	-	-	-	-	-	-	-	-	-	-	-	-
Other causes	-	-	-	-	-	-	-	-	-	-	-	-
Total	11	4	15	1	-	-	16	2	4	1	-	23

COMMUNICABLE DISEASES (other than tuberculosis) Notifications according to age

Age:	Incidence rate per 10,000 population											England & Wales		
	0-	1-	2-	3-	4-	5-	10-	15-	25-	45-	65+		Total	Harlow
Scarlet Fever	-	2	2	4	3	14	2	1	1	-	-	29	3.7	2.2
Whooping Cough . .	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4
Measles	4	19	12	25	15	68	3	2	-	-	-	148	18.7	29.7
Food Poisoning	-	-	1	-	-	-	1	-	-	-	-	2	0.2	1.1
Infective jaundice . .	-	-	-	-	-	-	1	2	2	1	-	6	0.8	2.4

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 1.1.72.	294	292	35	31	652
Number of cases added to the register during 1972					
New cases	14	11	2	1	28
Inward transfers	3	3	1	1	8
Number of cases removed from the register during 1972					
Deaths	—	—	—	—	—
Outward transfers	2	3	—	—	5
Patients cured	—	—	—	—	—
Number of cases remaining on register on 31.12.72.	309	303	38	33	683

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	2	—	—	5
5–14 years	2	3	—	—	5
15–24 years	3	1	—	—	4
25–44 years	2	4	2	—	8
45–64 years	3	1	—	1	5
65 and over	1	—	—	—	1

(b) *Incidence rate per 10,000 population*

	<i>Respiratory</i>	<i>Other</i>
Harlow	3.2	0.4
England and Wales	1.8	0.5

Mortality rate per 10,000 population

	<i>Respiratory</i>	<i>Other</i>
Harlow	—	—
England and Wales	0.2	0.1

SANITARY CIRCUMSTANCES AND INSPECTIONS

Water

Water supplied unmeasured (domestic)	4,495	megalitres
Water supplied by meter (trade)	2,774	"
Total consumption for year	7,629	"
Average supplied per day — domestic	12.31	"
trade	7.60	"
all purposes	19.91	"
Average consumption per head — domestic	155	litres
per day trade	96	"
all purposes	251	"

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

The following samples of water were taken for examination:

	Samples		Result
	Bacteriological	Chemical	Unsatisfactory
Public Supply			
by Public Health Department	9	3	—
by Lee Valley Water Company	356	16	—
Private wells	21	6	13
Swimming and paddling pools			
11 swimming pools	57	5	—
5 paddling pools	5	2	—

Flouride content: Less than 0.2 milligrammes per litre.

Sewage disposal other than through sewers

Cesspools, septic and chemical tanks	32
Chemical closets (emptied weekly by Harlow UDC)	4
Pail closets (emptied by occupier)	-
Pail closets (emptied by Harlow UDC)	2

Housing

(i) GENERAL

Complaints of housing defects	115
Housing inspections carried out — by medical officers	114
by public health inspectors	607
Intimation notices served	36
Statutory notices served	-
Houses where defects were remedied	15

(ii) IMPROVEMENTS

	<i>Standard Grant</i>	<i>Discretionary Grant</i>	<i>Total</i>
(a) Individual houses			
Applications received	—	8	8
Applications approved	—	4	4
Applications refused	—	1	1
* Applications not proceeded with	—	1	1
Applications awaiting consideration at 31.12.72	—	2	2
Dwellings where work completed	1	5	6

*Work done by owner without grant, application not formally withdrawn.

(b) **Qualification certificates, 1971 (Housing Act 1969)**

Applications for certificates	—
Certificates for provisional approval	—
Certificates issued under Sec. 46(3)	2
Certificates cancelled, lapsed or revoked	3
Certificates refused	—

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	21	154	65
Retail shops	13	312	134
Wholesale shops, warehouses	4	30	19
Catering establishments open to public, canteens	3	42	33
Fuel storage depots	—	1	1
Total	41	539	252

PERSONS EMPLOYED IN REGISTERED PREMISES BY WORKPLACE

<i>Class of Workplace</i>	<i>Number of persons employed</i>
Offices	3,272
Retail shops	2,533
Wholesale shops, warehouses	574
Canteens and catering establishments open to the public	457
Fuel storage depots	2
Total	6,838
Total males	3,138
Total females	3,700
Number of visits by inspectors to registered premises	653

CONTRAVENTIONS

Sections of Act

4	Lack of cleanliness	190
5	Overcrowding	4
6	Inadequate temperature	14
7	Inadequate ventilation	73
8	Insufficient lighting	52
9	Defects in, or lack of, sanitary conveniences	155
10	Defects in, or lack of, washing facilities	118
11	Lack of supply of drinking water	6
12	Lack of accommodation for clothing	13
13	Lack of sitting facilities	1
15	Lack of eating facilities	1
16	Defects in floors and passages	68
17	Inadequate fencing of exposed parts of machinery	5
24	Lack of first-aid equipment	47
27	Dangerous equipment	5
49	Failure to register premises	28
50	Lack of information for employees	38
Total		818
Number of notices sent to occupiers of premises		141
Number of accidents notified to local authority under Section 48		39
Number of statutory notices served		1
Number of statutory notices complied with		1

Factories Act, 1961

Factories in which Sections 1, 2, 3, 4 and 6 are enforced by local authorities	6
Factories not included in above in which Section 7 is enforced by local authority	144
Other premises in which Section 7 is enforced by the local authority (excluding outworkers' premises)	23
Inspections	73
Written notices	6
Referred to HM Inspector of Factories	-
Referred from HM Inspector of Factories	-

DEFECTS FOUND:

Insufficient, unsuitable unclean or defective sanitary accommodation	4
Inadequate ventilation	-
Other offences against the Act	2

OUTWORKERS (mainly engaged on work in connexion with wearing apparel)	203
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Atmospheric Conditions

	Air temperature (Centigrade)			Rainfall (in mm)	Smoke & sulphur dioxide in micrograms per cubic metre Site: Broadfield	
	A	B	C		Smoke	SO ₂
	Mean Min.	Mean Max.	Mean of A & B			
January	1.2	5.9	3.5	60.7	32	127
February	2.4	6.4	4.4	35.7	28	109
March	2.1	11.4	6.7	40.2	31	111
April	5.0	12.0	8.5	37.2	13	72
May	5.7	14.8	10.7	30.5	10	58
June	7.8	17.1	12.5	21.1	12	55
July	11.4	21.1	16.3	31.8	9	53
August	10.6	20.9	15.3	22.6	12	50
September	7.8	16.8	12.3	33.1	27	61
October	7.0	14.4	10.7	4.1	18	75
November	3.1	9.3	6.2	49.4	33	95
December	3.1	8.3	5.7	37.7	35	114

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.

Clean Air Act 1968

Legal Proceedings

Prosecution ordered by Council	1
Cases heard in Magistrates' Court	1
Cases remaining to be dealt with at 31st December 1972	-

Law contravened	Offence	Fine £	Costs £
Clean Air Act 1968 Section 1	Burning rubber tyres causing black smoke	20	10

Atmospheric Conditions			
Air temperature (Centigrade)			
	Mean	Max	Min
January	1.2	2.9	1.2
February	2.4	6.4	4.4
March	2.1	11.4	6.7
April	2.0	12.0	8.2
May	2.7	14.8	10.7
June	7.8	17.1	12.2
July	11.4	21.1	16.3
August	10.6	20.9	12.3
September	7.8	16.8	12.3
October	7.0	14.4	10.7
November	3.1	9.3	6.2
December	2.1	8.3	2.7

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

FOOD HYGIENE (GENERAL) REGULATIONS, 1970

TYPE AND NUMBER OF FOOD SHOPS AND OTHER FOOD PREMISES IN THE DISTRICT SUBJECT TO THE REGULATIONS

Grocers	38
Butchers	22
Fishmongers (including fish fryers)	13
Greengrocers	18
Sweets and confectionery	31
General food stores	8
Cafes and restaurants	38
Public houses	27
Off-licences	8
Halls, community centres and clubs	74
Factory and other industrial canteens	76
School canteens	48
Building site canteens	14
Food storage depots	5
Food factories	9
Bakehouses and bakers	11
Total	440

FOOD HYGIENE (MARKETS, STALLS AND DELIVERY VEHICLES REGULATIONS, 1966

Market stalls	13
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N.B. There are no egg pasteurization plants in this district.
[Liquid Egg (Pasteurization) Regulations, 1963]

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

Storage and sale of ice-cream	80
Preparation or manufacture of sausages or potted, pressed, pickled or preserved food	30

There are no poultry processing premises within the district.

MILK SUPPLY

Number of milk depots registered	4
Number of inspections carried out	42

Licences issued under Milk (Special Designation) Regulations, 1960 & 1963:

Pasteurized	34
Sterilized	20
Ultra-heat treated	21

Number of premises from which milk was sold	39
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Bacteriological Examination of Food

Milk	Samples	Satisfactory	Unsatisfactory
Pasteurized	44	44	—
Sterilized	17	17	—
Pasteurized Channel Island	7	6	1*
Ultra-heat treated	3	3	—

*Failed to pass the methylene blue test

Ice-Cream	Samples	Satisfactory	Unsatisfactory
Ice-Cream	89	Grade I 68 Grade II 11	Grade III 10 Grade IV —

Cooked Meat and Meat Products	Samples	Satisfactory	Unsatisfactory
Brawn	1	1	—
Corned beef	4	4	—
Ham	15	12	3
Luncheon meat	7	6	1
Pork	—	—	—
Other cooked meats and meat products	35	31	4
Total	62	54	8

Miscellaneous	Samples	Satisfactory	Unsatisfactory
Fresh cream	1	1	—
Dairy cream-filled cakes	19	15	4
Shellfish	22	16	6
Pet foods	12	8	4
Other foods	9	6	3
Total	63	46	17

Chemical Analysis of Food and Drugs

Articles submitted for analysis

Number of samples

Satisfactory

Unsatisfactory

Meat and meat products	36	1
Milk and milk products	14	1
Soft drinks	11	3
Wines and spirits	10	1
Other foods	63	8
Medicines and drugs	9	2
Total	143	16

UNSATISFACTORY SAMPLES

Article

Defect

*Orange drink	Contained mould growth in suspension.
*Strawberry fruit pie filling	Greyish colour due to insufficient artificial colouring.
*Natural grapefruit juice	Contained traces of iron.
*Crinkle 7/16" cut chips	Blackened and dessicated potato chips contaminated with iron.
Apple fruit pie filling	Contained traces of iron and tin due to the action of the contents of the can.
*Runner beans	Discoloured and shrivelled in appearance and also affected by yeasts. Beans had been allowed to thaw and refreeze.
Smoked cheese with ham	Should have been described as medium fat hard cheese.
Slim Plan Ambrosium	Phosphorus content was only one third of the amount stated on the label. No statement of the amount of iodine present in the sample was given.
*5 oz packet of chocolates	Contaminated with an unpleasant taint.
*Powder found in coffee	Consisted of detergent.
Assorted nuts	Contained no walnuts as claimed in list of ingredients. The description "assorted nuts" did not indicate that raisins and sultanas were present.
Vodka	Contained 1% added water.

* subject of complaint by member of the public.

LEGAL PROCEEDINGS

<i>Law contravened</i>	<i>Offence</i>	<i>Fine £</i>	<i>Costs £</i>
Food & Drugs Act 1955 Section 2	Sale of: Jaffa Orange Juice in deteriorated condition	40.00	5.00
	Piece of metal in 14 oz. sliced, wrapped loaf	40.00	5.00
	Fly larvae in 2 one-third pint bottles of milk	15.00	5.00
	3 mouldy steak and kidney pies	Case dismissed	
	Crinkle cut chips containing 2 metal nuts	20.00	5.00
	Foreign object in sliced wrapped loaf	30.00	10.00
	Insect in cooked chipped potato	20.00	10.00
	Plastic material in sausage	20.00) 5.00
	Fibrous material in sausage	20.00	
Food & Drugs Act 1955 Section 8	3 Cornish Pasties intended for sale, unfit for human consumption	60.00) 10.00
Food & Drugs Act 1955 Food Hygiene (General) Regulations 1970	Dirty conditions in a food caterer's (6 counts)	140.00	
	Dirty conditions in a bakery (5 counts proved, 3 counts dismissed)	50.00	10.00

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

Complaints received	472
Properties inspected	678
Total number of inspections and reinspections	4,847
Properties found infested and treated by Public Health Dept.	674
Properties found infested and treated by occupier	-
No evidence of infestation	4
Contracts entered into	78
Sewer manholes baited	163

Summary of other work carried out by public health inspectors

Inspections of food premises including food shops, bakehouses, market stalls and itinerants' vans	931
Visits for sampling purposes	362
Visits in connection with food complaints and unsound food for destruction	490
Inspections of premises in connection with duties under the Petroleum (Consolidation) Act, 1928	416
Inspections of hairdressers' establishments	1
Inspection of schools — general	78
Inspection of swimming pools	62
Inspections in connection with refuse collection	477
Inspection of drainage	199
Visits in connection with communicable diseases	148
Visits in connection with caravans	22
Visits in connection with complaints and nuisances (other than housing matters)	204
Visits in connection with insect and pest infestations	733
Inspections in connection with emission of smoke, fumes and odours	133
Visits in connection with duties under the Clean Air Act, 1956	415
Inspections of places of entertainment	5
Visits in connection with water supplies	18
Inspections under Pet Animals Acts	20
Inspections under Animal Boarding Establishments Acts	2
Visits in connection with health education	30
Visits in connection with noise nuisance	54
Sundry other visits	1,490
Total complaints investigated	1,457
Intimation notices served	300
Statutory notices served	6

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, 1972, as follows:

Representing Harlow Urban District Council

Councillor Mrs. E. I. V. Morris (Chairman)
Councillor Mrs. M. Bach
Councillor J. S. Cave
Councillor R. P. Chant
Councillor J. T. Desormeaux
Councillor M. A. Gerrard
Councillor W. W. Gibson
Councillor A. S. Graham
Councillor A. J. James
Councillor Mrs. J. A. McAlpine
Councillor H. W. Morris
Councillor D. C. Sharp

Representing Essex County Council

Alderman Mrs. M. R. Davey (Ex-officio)
Councillor Mrs. I. H. N. Parker (Ex-officio)
Councillor D. Ll. Jones
Councillor N. D. Crafford
Councillor Mrs. E. M. Tuck
Councillor R. A. Wale

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 Organizations

Dr. A. H. Campbell

STAFF OF THE AREA HEALTH OFFICE ON 31st DECEMBER, 1972

(Some also deal with the School Health Service)

Area Medical Officer	I. Ash, MD, MFCM, DPH (Part-time)
Medical Officers	Celia Palmer, MB, BS, MRCS, LRCP, DA
	Joan Radix, MB, B.Ch, BAO
	Dorothy Donald, MB, BS, MRCS, LRCP (Part-time)
	Joyce M. Medley, MB, ChB (Part-time)
	Elizabeth Robertson, MB, ChB (Part-time)
Area Dental Officer	M. Ashar, LDS, RCS
Dental Officers	R. R. Troup, LDS
	N. R. Samarasekera, LDS
Dental Auxiliary	Mrs. G. A. Thurgood
Area Nursing Officer	Mrs. S. K. Scott, SRN, HV.Cert.
Nursing Officer (Health Visiting)	Miss J. C. McLachlan, SRN, SCM, HV.Cert.
Nursing Officer (Midwifery and Home Nursing)	Miss E. Bergin, SRN, SCM.
Health Visitors	13 Full-time 1 Part-time
Clinic Nurses	5 Full-time 4 Part-time
Midwives	9 Full-time
District Nurses	7 Full-time 8 Part-time
Senior Administrative Officer	H. S. Alleyne, DPA
Administrative and Clerical Officers	14 Full-time 9 Part-time

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

Mothercraft and Relaxation Classes

Sessions held	142
Number of women attending	252
Number of attendances	1,016

Child Health

Child health sessions (doctor in attendance)	677
Health visitors' consultative sessions	625
Total number of attendances by health visitors	1,474
Total number of child attendances	15,662

Midwifery

(a) Clinics, ante — and post natal

Attendances by midwives at GP clinics	775
Attendances by midwives at own clinics	507
Number of examinations carried out	2,539

(b) Domiciliary work

Number of confinements attended	
As midwives Home 67, G.P. Unit 309	376
As maternity nurses after early discharge	423
Administration of analgesics	
Gas and air or Trilene	300
Pethidine or similar compound	125

Health Visiting

(a) Clinics and schools

Sessions attended at child health clinics	1,474
Sessions attended at ante-natal and mothercraft clinics	463
Sessions attended at school clinics	267
Sessions attended at schools	1,447

(b) *Domiciliary work*

Cases seen during the year

Children under 5 years	6,078
Persons aged 65 and over	400
Others	1,850

Number of contacts with:

Children under 5 years	14,033
Persons aged 65 years and over	1,212
Others	2,453

Total effective visits	17,698
Total ineffective visits	4,133

(c) *Tuberculosis visiting*

Chest clinic sessions attended	269
Households visited during the year	183
Total number of home visits	564

Home Nursing

(a) *Clinics*

Number of sessions attended	2,111
Number of new patients treated	5,078
Total attendances by patients	14,230

(b) *Domiciliary work*

Number of patients attended under 65 years of age	230
Number of patients attended aged 65 years and over	463
Number of visits to patients under 65 years of age	5,165
Number of visits to patients aged 65 years and over	25,561

Immunizations (other than BCG)

Diphtheria/Pertussis/Tetanus	1,672
Booster doses	205
Diphtheria/Tetanus	26
Booster doses	1,500
Diphtheria	3
Booster doses	-
Tetanus	275
Booster doses	152
Poliomyelitis — Sabin oral vaccine	1,692
Booster doses	2,378
Measles	887
Rubella	559

Chiropody

Total number of treatments 3,208

At clinics

To physically handicapped 8

To aged over 65 years 1,514

In old people's homes 110

Domiciliary

To physically handicapped 4

To aged over 65 years 1,572

Patients being treated at end of year

Physically handicapped 3

Aged over 65 years 1,045

Medical Assessment of Staff

Number of medical questionnaires submitted 485

Number of persons appointed without medical examination 185

Number of persons medically examined 50

Other medical examinations

Employees of other local authorities 7

For retirement or superannuation 2

Others (including teachers and entrants to training colleges) 110

Number of X-ray examinations 212

2. SCHOOL HEALTH SERVICE – EDUCATION ACT, 1944

School Medical examinations

Routine examinations	2,709
Special and re-examinations	4,368
Defects requiring observation	2,911
Defects requiring treatment	612

Audiometry

Tested for first time	186
Re-tested	41
No defect found	159
Some defect found	68
Normal hearing after minor treatment	-
Referred to ENT Consultant	13
Referred to Audiology Clinic	26
To be followed up	28
Left area before investigation completed	1

Speech Therapy

New cases referred	79
Cases treated for first time	55
Cases under treatment at end of year	145
Pupils who completed or discontinued treatment during the year	88

Dental Service

Number of children inspected	16,457
Number of children for whom consent to treatment at school clinics was given	2,044
Number of teeth extracted	2,017
Number of teeth filled	6,506

Enuresis

Number of cases referred during year	58
Number of cases still under treatment at end of the year	61

Prevention of tuberculosis BCG Vaccination

Vaccination offered	2,118
Number accepted	1,743
Number Heaf-tested	1,535
Positive reactions	37
Negative reactions	1,391*
Number vaccinated	1,279

*Includes 62 Grade I positives

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