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BOROUGH



OF LUTON



ANNUAL REPORT

of the

Medical Officer of Health

and the

Chief Sanitary Inspector

FOR THE YEAR 1943

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BOROUGH OF LUTON



Public Health Department,
Town Hall,
LUTON.

1944.

To His Worship the Mayor, Aldermen and Councillors
of the Borough of Luton.

Ladies and Gentlemen,

I am now able to submit the Sixty-fifth Annual Report on the health and sanitary conditions of the Borough.

The incidence of notifiable infectious diseases during the year was remarkably similar to that during 1941 and considerably in excess of the incidence during 1942. Notifications of whooping cough amounted to 218 and there were 4 fatal cases; 1,093 cases of measles were notified and two deaths were attributed to this cause; 329 cases of Scarlet Fever were notified but there was no death from this cause.

The incidence of diphtheria was even lower than in 1942. Sixteen civilian cases were notified and one civilian death was attributed to diphtheria. Among the sixteen who contracted diphtheria were three immunised persons. The one civilian who died from diphtheria had not been immunised.

Although fewer evacuees were confined in the borough during 1943, almost the same number of births took place and the birth rate reached a figure of 19.2 per thousand estimated population (the highest recorded Birth Rate for the borough since 1921). The rate for Luton is again higher than that for England and Wales as a whole.

The Maternal Mortality Rate of 3.56 per thousand total births was the highest recorded during the war years. There were 7 maternal deaths during the year one of which occurred in the council's maternity institutions and three in other institutions. One death was attributed to septic causes. One death only was classified after investigation as "possibly avoidable."

The Infantile Death Rate of illegitimate infants was 152 per thousand illegitimate births and this high figure stands out against the previously exceptionally low rate in Luton. In this connection it may be recalled that in a special report to the Council on "The Care of Illegitimate Children," November, 1943, I stated that during the decade 1931 to 1940 the average illegitimate infantile mortality rate was 59 per thousand illegitimate births, or taking the Infantile Mortality Rate of legitimate infants as 100, the corresponding rate for illegitimate infants for the decade was 131.

In July, the Maternity Hospital Extension at Grove Road was taken over with the concurrence of the County Council and the Minister of Health for the confinement of local women only. The last evacuee delivered there during 1943 was discharged on July 1st and up to that date 107 evacuees had been admitted. Total admissions for the year were 637.

During the month of September, a Health Education Week was organised by the Health Department with the main aim of supporting the Government's Anti-Venereal Diseases Campaign. The expenditure involved was reimbursed by the county council who accepted the educational campaign as a proper responsibility for them as a Venereal Diseases authority. In this connection I am personally indebted to my colleague, Dr. Cuthbert Welch, County Medical Officer of Health, for giving me a completely free hand within the limits of an agreed agency and also for his personal support and assistance. In addition to films, public meetings, exhibitions and public conferences there were two features of the campaign which are worth special mention. First, the Public Health Committee directed me to arrange for the distribution to every householder of a leaflet on Venereal Diseases covered by a personal letter. This was done. Secondly, in close co-operation with the Director of Education, conferences with teachers were arranged for the purpose of discussing a long term programme of health teaching in schools which would include human biology and sex education. An agreed policy resulted, for which the Director of Education was able to secure the support of the Education Committee. The Health Week, whatever its immediate value, was an incident. The developments which had their origin in the close collaboration of the Education and Health Departments promise to have far reaching effects in the field of Health Education.

The ascertainment, review and treatment of persistent or recurrent lousiness, upon which a special report was submitted to the council, the transfer of the maternity hospital ambulance to the police ambulance service, and the adoption by the council of the recommendations of the Rushcliffe Committees are matters which call for mention.

Although the staff of the department suffered losses both of permanent and temporary officers because of service and industrial demands, the rate of loss was less than during 1942 and never seriously threatened the effective operation of extended health and social services. I must refer to the great value to the department of the senior officer for administrative purposes whose appointment dates from late 1942. The presence of this officer has relieved me personally of a great burden of detailed non-medical administration and enabled me to devote my attention to medical and social matters to an extent which would otherwise have been beyond my powers.

The diligent and conscientious discharge of their duties by permanent and temporary officer alike, the helpfulness on all occasions of other chief officers, and the sympathetic understanding and support of your committees has done much to lighten my task and to add to the pleasure of my work.

I should be ungracious if I did not make especial reference to the invaluable help the department has had from the local press which has done much to stimulate the public's interest in health matters and to keep them informed of the Council's health policy.

I have the honour to be,

Your obedient Servant,

F. GRUNDY.

SECTION A.—STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

1. GENERAL STATISTICS.

Area (from 1st April, 1939)	8,736 acres
Population (Census 1931)	68,523
Registrar-General's Estimate for 1943	98,950
Number of inhabited houses, 1943	28,718
Rateable value	£866,056 (unreduced)
	£762,405 (reduced)
Sum represented by Penny Rate	£3,098

2. EXTRACTS FROM VITAL STATISTICS FOR THE YEAR 1943.

		<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Live births	Legitimate	1797	924	873
	Illegitimate	105	54	51
Birth Rate per 1,000 of estimated resident population				19.22

		<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Stillbirths	Legitimate	57	32	25
	Illegitimate	3	1	2
Rate per 1,000 total (live and still) births				30.58

		<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Deaths		994	501	493
Death rate per 1,000 estimated resident population				10.04

Deaths from Puerperal Causes (Headings 29 and 30 of Registrar-General's short list) :—

	<i>Deaths.</i>	<i>Rate per 1,000 total births.</i>
No. 29 Puerperal and Post-Abortive Sepsis	2	1.019
No. 30 Other Puerperal causes	5	2.54
Total	7	3.56

Death Rates of Infants under 1 year of age :—

All Infants per 1,000 live births	42.08
Legitimate per 1,000 legitimate births	35.61
Illegitimate per 1,000 illegitimate births	152.38

BIRTH RATES, DEATH RATES, ANALYSIS OF MORTALITY,
MATERNAL DEATH RATES AND CASE RATES FOR CERTAIN
INFECTIOUS DISEASES IN THE YEAR 1943.

(England and Wales, London, 126 Great Towns and 148 Smaller Towns).
(Provisional figures based on Weekly and Quarterly Returns).

	LUTON.	ENGLAND AND WALES.	126 County Boro's and Great Towns including London.	148 Smaller Towns (Resident Population 25,000 to 50,000 at 1931 Census).	London Administrative County.
*Rates per 1,000 Civilian Population					
Births :					
Live	19.22	16.5†	18.6	19.4	15.8
Still	0.60	0.51‡	0.63	0.61	0.45
Deaths :					
All causes	10.04	12.1†	14.2	12.7	15.0
Typhoid and Paratyphoid Fevers	—	0.00	0.00	0.00	0.00
Scarlet Fever	—	0.00	0.00	0.00	0.00
Whooping Cough	0.04	0.03	0.03	0.03	0.03
Diphtheria	0.01	0.03	0.04	0.04	0.02
Influenza	0.19	0.37	0.36	0.37	0.27
Smallpox	—	—	—	—	—
Measles	0.02	0.02	0.02	0.02	0.02
Rates per 1,000 Live Births					
Death under 1 year of ages	42	49†	58	46	58
Deaths from Diarrhoea and Enteritis under 2 years of age	7.8	5.3	7.9	4.4	10.4
*Rates per 1,000 Civilian Population					
Notifications :					
Typhoid Fever	—	0.01	0.01	0.02	0.01
Paratyphoid Fever	0.01	0.01	0.01	0.01	0.01
Cerebro Spinal Fever	0.11	0.08	0.10	0.06	0.09
Scarlet Fever	3.32	3.01	3.29	3.54	3.80
Whooping Cough	2.20	2.54	2.82	2.25	2.68
Diphtheria	0.16	0.88	1.12	0.77	0.74
Erysipelas	0.24	0.31	0.35	0.27	0.42
Smallpox	—	—	—	—	—
Measles	11.04	9.88	9.23	9.77	9.17
Pneumonia	0.79	1.34	1.62	1.16	1.27
Rates per 1,000 Total Births (Live and Still)					
Maternal Mortality (ex. Abortion):					
Puerperal Infection (No. 147)	1.02	} 2.29	} Not available		
Others	2.54				
Total	3.56				
Notifications :					
Puerperal Fever	} 23.45	} 11.68	} 15.11	} 9.26	} 3.05
Puerperal Pyrexia					
					15.23ø

* A dash (—) signifies that there were no deaths.

† Per 1,000 related births.

‡ These rates are those published in the Quarterly Return.

ø Including puerperal fever.

SECTION B.—GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

1 (A). BACTERIOLOGICAL AND PATHOLOGICAL WORK.

Total number of examinations carried out	...	...	...	...	...	...	13,538
Public Health Department	...	...	...	...	...	...	3,651
Other Local Authorities	...	...	...	...	...	...	463
Beds. County Council	...	...	...	...	...	...	102
Dunstable Borough	...	...	...	...	...	...	110
Leighton Buzzard U.D.C.	...	...	...	...	...	...	53
Luton R.D.C.	...	...	...	...	...	...	66
Isolation Hospital, Dunstable	...	...	...	...	...	...	116
Other Authorities	...	...	...	...	...	...	16
Luton and Dunstable Hospital	...	...	...	...	...	...	7,613
Luton Children's Hospital	...	...	...	...	...	...	702
Beds. National Health Insurance Committee	...	...	...	...	...	...	350
Pathologist's private practice	...	...	...	...	...	...	759
Bacteriological examinations	...	...	...	...	...	...	7,352
Diphtheria	...	...	...	...	...	...	2,270
Biological	...	...	...	...	...	...	23
Complement fixation tests (not performed in this laboratory)	...	...	...	...	...	...	318
Other examinations	...	...	...	...	...	...	4,741
Biochemistry	...	...	...	...	...	...	1,466
Blood examinations	...	...	...	...	...	...	720
Urine examinations	...	...	...	...	...	...	346
Miscellaneous examinations	...	...	...	...	...	...	400
Sanitary Investigations	...	...	...	...	...	...	409
Water investigations	...	...	...	...	...	...	203
Milk	...	...	...	...	...	...	201
Miscellaneous	...	...	...	...	...	...	5
Haematology	...	...	...	...	...	...	3,543
Histology	...	...	...	...	...	...	690
Post mortem examinations	...	...	...	...	...	...	78

1 (B). PROFESSIONAL NURSING IN THE HOME.

No change.

1 (C). CLINICS AND TREATMENT CENTRES.

No change.

2 (A). NOTIFICATION OF BIRTHS.

2,326 births were notified during the year under the Public Health Act, 1936—Part VII—Sec. 203 :—

691 by Doctors and Parents.

1,635 by Midwives.

2 (B). REGISTRATION OF BIRTHS.

During the year 1943 the number of births registered in Luton was 2,261, whereas the number of live births notified under the Public Health Act, 1936, was 2,260.

TABLE SHOWING DISTRIBUTION OF NOTIFIED BIRTHS AS BETWEEN INSTITUTIONAL AND DOMICILIARY CONFINEMENT.

Year	Institutional					Domiciliary				Grand Total
	B.M.H.	Em. Unit	P.A.I.	Private Nsg. Home	Total	Mun. M/W	Notified by		Total	
							Private M/W	Dr. & Parents		
1935	—	—	20	112	132	—	681	527	1,208	1,340
1936	28	—	42	202	272	—	770	423	1,193	1,465
1937	445	—	19	169	633	124	527	390	1,041	1,674
1938	540	—	26	172	738	477	271	210	958	1,696
1939	568	84	38	166	856	583	131	109	823	1,679
1940	588	175	21	194	978	674	—	106	780	1,758
1941	583	504	46	216	1,349	463	—	162	625	1,974
1942	576	681	58	329	1,644	508	3	196	707	2,351
1943	533	535	115	467	1,650	451	1	224	676	2,326
Total	3,861	1,979	385	2,027	8,252	3,280	2,384	2,347	8,011	16,263

2 (C). STILLBIRTHS.

Each case of stillbirth was investigated and the causes were found to be as follows :—

STILLBIRTHS.

Cause	B.M.H.	B.M.H. Exten.	St. Mary's Hosp.	L. & D. H.	Private Nursing Homes	Midwife	Doctor	Total
Complications of Labour ...	11	2	2	1	4	1	5	26
Toxaemia ...	6	2	—	—	3	—	—	11
Foetal States ...	4	1	—	—	—	—	—	5
Prematurity ...	3	—	—	—	1	1	3	8
Chronic Maternal Disease ...	—	—	—	—	—	—	—	—
Unexplained Cause	4	2	1	—	5	3	2	17
Totals ...	28	7	3	1	13	5	10	67

3 (A). MATERNITY SERVICES.

TABLE I. NUMBER OF ATTENDANCES AT CLINICS DURING THE YEAR 1943.

1943	Beechwood Health Centre		Maternity Hospital		Total Att'ces	Post-Natal Clinic Total Attends	School for Mothers Total Attends
	First Attends	Subs. Attends	First Attends	Subs. Attends			
January ...	92	537	14	225	868	39	50
February ...	108	592	17	210	927	34	36
March ...	99	708	11	248	1066	63	56
April ...	119	594	2	256	971	27	30
May ...	107	633	5	225	970	46	36
June ...	96	591	8	203	898	42	53
July ...	102	633	8	265	1008	41	60
August ...	108	564	13	202	887	50	32
September ...	108	666	20	248	1042	54	75
October ...	136	642	11	284	1073	42	51
November ...	125	776	14	264	1179	43	43
December ...	96	754	8	295	1153	34	22
Total ...	1,296	7,690	131	2,925	12,042	515	544

TABLE II. ATTENDANCES AT ANTE-NATAL CLINICS, 1935—1943.

	First Attendances	Subsequent Attendances	Total Attendances
1935 ...	—	—	535
1936 ...	384	1,035	1,419
1937 ...	927	3,264	4,191
1938 ...	1,018	3,686	4,704
1939 ...	1,616	3,967	4,960
1940 ...	1,630*	6,782*	8,412*
	695	2,025	2,720
1941 ...	2,022*	8,416*	10,438*
	587	1,788	2,375
1942 ...	2,136*	12,729*	14,865*
	652	3,022	3,674
1943 ...	2038*	13,470*	15,508*
	611	2,855	3,466

* Includes attendances at Municipal Midwives Ante-natal Clinics which are shown immediately below the total figure.

TABLE III. NUMBER OF CONSULTATIONS, WEIGHINGS, ETC.,
AT INFANT WELFARE CENTRES, DURING THE YEARS
1939—1943.

	First Attendances		No. on Register at end of year	Consultations	Infants weighed
	Under 1 year	1-5 years			
1939	1,156	286	3,280	7,484	31,362
1940	1,619	455	4,147	6,334	31,965
1941	1,427	525	4,085	4,952	32,990
1942	1,449	209	3,865	See table below ditto.	21,124
1943	1,508	132	3,829		28,262

MEDICAL OFFICER'S CONSULTATIVE CLINIC :

	No. of Patients Referred by Health Visitors	First Attendances		Subsequent Att'ces		Total Attendances
		Under 1 year	1-5 years	Under 1 year	1-5 years	
1942	1,194	557	576	313	335	1,781
1943	1,219	693	613	457	475	2,238

3 (B). INSTITUTE OF RAY THERAPY.

107 Cases were treated at the Institute on behalf of the Local Authority.

Lump sum payment £50.

3 (C). DENTAL CLINIC.

Adults—

No. of sessions	...	...	...	...	...	...	34
No. of gas sessions	...	...	...	...	...	...	34
No. of patients referred	...	...	...	...	...	...	117
No. of patients who attended	...	...	...	...	...	...	103
No. of attendances made	...	...	...	...	...	...	327
No. of cases in which dentures were required	...	...	...	...	...	...	22
No. of cases in which dentures were supplied	...	...	...	...	...	...	15
Cost of dentures	...	...	...	...	...	£70 4s. 6d.	
Amount recoverable from patients	...	...	...	...	...	£68 14s. 6d.	

Children—

No. of patients referred	...	...	...	...	...	73
No. of patients who attended	...	...	...	...	...	70
No. of attendances made	...	...	...	...	...	147

3 (D). NATIONAL SOCIETY FOR THE PREVENTION OF
CRUELTY TO CHILDREN.

During the year 1943 the Inspectors were responsible for dealing with 38 cases on behalf of the Department, and the closest co-operation resulted without exception in a satisfactory issue.

3 (F). BURY PARK CLEANSING STATION.

In December, 1941, a cleansing station equipped with 4 baths was set up in the Bury Park First Aid Post and received cases of scabies for treatment and persons infested with lice for cleansing.

There follows a tabular statement of the work done during the year :

Total attendances at cleansing station	...	...	...	...	12,940
Number of treatments by bathing	...	...	...	...	5,162
Number of heads cleansed	...	...	...	...	1,196
Number of individual cases of scabies treated during the year					2,182
Number of follow-up visits paid to homes	...	...	...		440

TABLE IV. HOME VISITS BY HEALTH VISITORS.

		Children under 1 year		Children 1-5 years		Expectant Mothers	Infectious Disease, etc.	Infant Life Protection	Total Visits
		First Visits	Re-Visits	First Visits	Re-Visits				
1939	...	1,656	4,490	863	10,762	503	4,530	352	23,156
1940	...	1,679	3,993	239	8,099	325	6,376	205	20,196
1941	...	1,963	5,008	112	8,583	219	5,422	131	21,438
1942	...	2,203	5,698	273	7,765	56	8,665	65	24,725
1943	...	1,986	8,594	45	8,603	238	4,997	203	24,666

4. PUBLIC HEALTH ACT, 1936, PART VII. CHILD LIFE PROTECTION.

Number of persons who were receiving children for reward at the end of the year	...	...	...	...	...	...	...	16
Number of children :								
(a) At the end of the year	...	...	...	...	...	...	...	19
(b) Who died during the year	...	...	...	...	...	...	...	—
(c) On whom inquests were held during the year	...	...	...	...	...	...	...	—
Number of child protection visitors at the end of the year who were :								
(a) Health visitors	...	...	...	...	...	...	...	1
(b) Female, other than health visitors	...	...	...	...	...	...	...	—
(c) Male	...	...	...	...	...	...	...	2
Number of other authorised visitors	...	...	...	...	...	...	...	Nil
Proceedings taken during the year	...	...	...	...	...	...	...	Nil
Number of visits paid in connection with above	...	...	...	...	...	...	...	203

5. MATERNAL DEATHS.

Six maternal deaths occurred during 1943 in the Borough of Luton. Each of these deaths was the subject of the usual confidential enquiry.

TABLE V. MATERNAL DEATHS, 1935-1943.

Year	Maternal Deaths			Rate		Births			
	Sepsis	Other	Total	Per 1,000 live births	Per 1,000 total births	Live	Still	Total	Still-Birth Rate
1935 ...	3	7	10	7.8	7.46	1,282	57	1,339	42.55
1936 ...	2	4	6	4.26	4.06	1,406	65	1,471	46.25
1937 ...	—	6	6	3.92	3.77	1,530	61	1,591	38.34
1938 ...	2	4	6	3.82	3.71	1,567	49	1,616	30.32
1939 ...	1	3	4	2.61	2.51	1,528	61	1,589	38.38
1940 ...	—	2	2	1.24	1.21	1,543	36	1,579	21.30
1941 ...	—	2	2	1.33	1.29	1,440	47	1,487	31.60
1942 ...	—	1	1	0.54	0.52	1,820	69	1,889	36.52
1943 ...	2	5	7	3.68	3.56	1,902	60	1,962	31.54

6. BOROUGH MATERNITY HOSPITAL.

Clinical Statistics.

	<i>Borough Maternity Hospital.</i>	<i>Extension.</i>	<i>Total.</i>
No. of patients in hospital—1.1.43 ...	26	22	48
No. of patients admitted during the year	571	637	1,208
	597	659	1,256
No. of Patients discharged during the year	571	643	1,214
No. of patients died during the year ...	1	—	1
No. of patients in hospital—31.12.43 ...	25	16	41
	597	659	1,256
Admissions :			
(a) Confinement	492	553	1,045
(b) For ante-natal or post-natal treatment	79	84	163
	571	637	1,208
No. of patient-days :			
(a) Ante-natal or post-natal treatment	573	552	1,125
(b) Confinements	7,177	7,396	14,573
	7,750	7,948	15,698
(c) Extra babies	—	—	—
Average duration of stay of women delivered in hospital	14.51 days	13.32 days	13.89
Number of patients delivered by :			
(a) Midwives	442	515	957
(b) Doctors	52	40	92
Cases booked at ante-natal clinics :			
(a) Discharged well	458	557	1,015
(b) Transferred	—	—	—
(c) Died	1	—	1
(d) Discharged undelivered and remaining in hospital	95	90	185
Cases admitted as emergencies :			
(a) Discharged well	37	8	45
(b) Transferred	—	—	—
(c) Died	—	—	—
(d) Discharged undelivered and remaining in hospital	6	4	10

			<i>Borough Maternity Hospital.</i>	<i>Extension.</i>	<i>Total.</i>
Number of primiparae (all cases)—	...	...	241	292	533
Emergency cases :					
(a) Primiparae	...	...	18	4	22
(b) Multiparae	...	...	25	8	33
No. of borough cases	...	...	445	502	947
No. of county cases	...	...	122	28	150
Others	...	...	4	107	111
Daily average for the year	...	...	21.81	21.85	43.66
Maximum number of patients on any one day	...	...	31	34	65
Forceps rate	...	...	6.27%	6.66%	6.48%
No. of deliveries	...	...	494	555	1,049
No. of viable children born	...	...	499	563	1,062
No. left hospital alive and well	...	...	469	549	1,018
No. of stillbirths	...	...	26	8	34
No. of infantile deaths	...	...	4	6	10

Operations performed :

Caesarean Section	...	...	4	—	4
Forceps delivery	...	...	31	37	68
Caesarean Section and sterilisation	...	...	1	—	1
Hysterotomy	...	...	1	—	1
Rupture of membranes for induction of labour	...	...	8	2	10
Blood transfusion	...	...	—	14	14
Perineal tear	...	...	—	63	63
Manual removal of placenta	...	...	1	8	9
Expression of placenta	...	...	—	1	1
Other operations	...	...	5	—	5

Causes of stillbirth :

Accidental hæmorrhage	...	...	2	—	2
Ante-partum hæmorrhage, placenta prævia	...	...	5	—	5
Macerated foetus	...	...	5	1	6
Toxaemia of pregnancy	...	...	4	2	6
Maternal Eclampsia	...	...	—	1	1
Instrumental delivery	...	...	1	1	2
Breech presentation	...	...	1	1	2
Malpresentation	...	...	1	—	1
Meningocele	...	...	1	—	1
Spina bifida	...	...	1	—	1
Anencephalus	...	...	—	1	1
Prematurity	...	...	3	—	3
Other causes and cause unknown	...	...	2	1	3

	<i>Borough Maternity Hospital.</i>	<i>Extension.</i>	<i>Total.</i>
Causes of infantile deaths :			
Prematurity	2	2	4
„ —Atelectasis	1	—	1
„ —Ante-partum hæmorrhage	—	1	1
Marasmus—Maternal pulmonary tuber- culosis... ..	1	—	1
Hypostatic pneumonia—Erythro blast- osis foetalis	—	1	1
Fœtal Oedema	—	1	1
Cardiac failure—Spina bifida	—	1	1
Feeding :			
Breast fed alone	356	373	729
Breast fed supplemented by artificial food	53	5	58
Artificial food alone	56	9	65
School for mothers (total attendances) ...	544	—	544
Post-natal clinic (total attendances) ...	515	—	515

Training School : Midwifery—Part II.

No. of pupil midwives who passed the examination of the Central Midwives Board during the year	35
--	----

Hostel for Expectant Mothers—48, Napier Road.

No. of expectant mothers who were billeted at the Hostel during the year :							
1st admissions	...	...	...	...	...	...	31
Re-admissions	...	...	...	...	...	...	1
Total	...	...	...	...	...	...	32
No. of bed-days occupied							701

7. ADMINISTRATION OF THE MIDWIVES' ACTS.

Distribution of Midwives, 31st December, 1943.

(a) Private Practice	2
(b) Municipal Midwives	9
(c) In Private Nursing Homes	8
(d) Public Assistance Institution	10
(e) Borough Maternity Hospital	8
(f) Emergency Maternity Unit	7

NOTIFICATIONS.

During the year ended 31st December, 1943, the following notifications were received from midwives :—

TABLE VI. NOTIFICATIONS RECEIVED FROM MIDWIVES.

	Nursing Homes	Muni- cipal Mdwves.	Institu- tional (P.A.I. & E.M.U.)	Mat. Hosp.	Inde- pendent Practice	Total
(a) Intention to practise ...	8	9	17	8	2	44
(b) Intention to cease prac- tise ...	—	—	—	—	—	—
(c) Change of address ...	—	—	—	—	—	—
(d) Change of name ...	—	—	1	—	—	1
(e) Sending for medical help	6	95	—	1	—	102
(f) Stillbirths occurring in practice ...	6	7	—	—	—	13
(g) Deaths occurring in practice—						
(i) Mothers ...	—	1	—	—	1	2
(ii) Infants ...	1	6	—	—	7	14
(h) Laying out the dead ...	—	14	—	—	1	15
(i) Liability to be a source of infection ...	—	1	—	—	1	2
(j) Substitution of artificial feeding ...	2	14	—	—	—	16

Supervisor of Midwives.

Routine inspection visits ...	...	...	...	...	...	—
" " " (Midwife out) ...	...	...	...	...	...	—
Special enquiry visits in respect of notifications :						
(a) Medical help ...	...	...	...	...	...	105
(b) Stillbirths ...	...	...	...	...	...	21
(c) Deaths occurring in practice	...	...	...	...	...	—
(d) Ophthalmia Neonatorum ...	...	...	...	...	...	2
(e) Laying out the dead ...	...	...	...	...	...	—
(f) To supervise disinfection ...	...	...	...	...	...	4

Other visits :

Puerperal Pyrexia ...	...	...	...	...	...	10
Home helps ...	...	...	...	...	...	56
Nursing mothers ...	...	...	...	...	...	282
Labour visits ...	...	...	...	...	...	4
Nursing Homes ...	...	...	...	...	...	26
Deliveries with pupils ...	...	...	...	...	...	3
Ante-Natal and Post-Natal ...	...	...	...	...	...	70
Administration ...	...	...	...	...	...	640
Total	...	...	...	...	...	1,221

Ante-Natal Clinics attended ...	...	...	...	...	...	194
---------------------------------	-----	-----	-----	-----	-----	-----

Puerperal Pyrexia.

3 cases of Puerperal Pyrexia occurred in the practices of Municipal Midwives.

Ophthalmia Neonatorum.

4 cases occurred in Municipal Midwives' practices during the year.

Medical Aid.

During the year medical aid was sought in 102 of the midwives' cases.

During this period 80 accounts amounting to £126 17s. 6d. were received from medical practitioners for services rendered in response to requests for medical help from midwives, and the sum of £105 13s. 8d. is recoverable from patients.

TABLE VII. NUMBER OF CASES ATTENDED BY MIDWIVES.

District Number	Acting as Midwife	Acting as Maternity Nurse	Total
1	28	8	36
2	39	15	54
3	63	31	94
4	71	15	86
5	52	37	89
6	22	27	49
7	43	39	82
9	24	34	58
Total	342	206	548

TABLE VIII. NUMBER OF VISITS PAID BY MIDWIVES.

District Number	Expectant Mothers	Nursing Mothers	Post-Natal	Total
1	551	1,359	81	1,991
2	515	683	83	1,281
3	778	2,012	36	2,826
4	1,075	2,478	171	3,724
5	800	1,685	132	2,617
6	225	828	132	1,185
7	754	1,674	118	2,546
9	126	1,024	—	1,150
Total	4,824	11,743	753	17,320

TABLE IX. NUMBER OF PATIENTS ATTENDING
MIDWIVES' ANTE-NATAL CLINICS.

District Number	No. of Clinics	No. of First Attendances	Subsequent Attendances	Total
1	29	83	268	351
2	25	63	198	261
3	26	87	313	400
4	21	79	301	380
5	25	102	358	460
6	24	31	153	184
7	25	110	331	441
9	22	56	215	271
Total	197	611	2,137	2,748

TABLE X. NUMBER OF PATIENTS ATTENDING
CONSULTANT CLINICS.

District Number	No. of Clinics Attended	Attendances of Patients		Total
		Ante-Natal	Post-Natal	
1	29	109	15	124
2	24	65	8	73
3	37	122	22	144
4	44	153	31	184
5	18	77	7	84
6	17	21	4	25
7	41	136	21	157
9	15	35	10	45
Total	225	718	118	836

No. of cases in which medical aid was sought by Municipal Midwife	95
No. of emergency cases attended by Midwife	 4
No. of live births	 542
No. of stillbirths	 12
No. of Maternal deaths	 1

NURSING HOMES REGISTRATION ACT, 1927.

Name of Nursing Home	Date of Registration with Luton Borough Council	DIVISION OF BEDS			
		Maternity	Surgical	Medical	Total
Westdale	1.7.36 formerly with Beds C.C.	4	—	—	4
The Haven	1.7.36 formerly with Beds. C.C.	4	—	—	4
The Chase	19.1.37	8	—	—	8
TOTALS		16	—	—	16

During the year 51 women were delivered in the Westdale Nursing Home, 101 in the Haven Nursing Home, and 204 in the Chase Nursing Home.

SECTION D.—HOUSING.

1. HOUSING STATISTICS.

I.—Inspection of Dwelling-houses during the year :—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ...	1,972
(b) Number of inspections made for the purpose ...	4,999
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Acts ...	5
(b) Number of inspections made for the purpose ...	33
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ...	963

II.—Remedy of defects during the year without service of formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ...	848
---	-----

III.—Action under Statutory Powers during the year :—

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ...	4
(2) Number of dwelling-houses which were rendered fit after service of formal notices :—	
(a) By Owners ...	0
(b) By Local Authority in default of owners ...	0

B.—Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied ...	21
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :—	
(a) By Owners ...	20
(b) By Local Authority in default of owners ...	0

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	1
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	0

D.—Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	0

Housing Act, 1936 :—

(a) (i) Number of dwellings overcrowded at end of year	21
(ii) Number of families dwelling therein	28
(iii) Number of persons dwelling therein	206
(b) Number of new cases of overcrowding reported during the year	3
(c) (i) Number of cases of overcrowding relieved during the year	1
(ii) Number of persons concerned in such cases	8
(d) Cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	0
(e) (i) Number of Council houses found to be overcrowded at end of year	3
(ii) Number of families dwelling therein	4
(iii) Number of persons dwelling therein	29
(f) (i) Number of cases of overcrowding in Council houses relieved during the year	0

SECTION F.—PREVALENCE AND CONTROL OVER INFECTIOUS DISEASE.

TABLE I (A). SHOWS THE AGE DISTRIBUTION OF THE
NOTIFIED INFECTIOUS DISEASES, 1943.

		AGE GROUPS												Totals
		Under 1	1	2	3	4	5	10	15	20	35	45	65	
Disease														
Diphtheria	...	—	—	1	1	—	7	5	—	2	—	—	—	16
Scarlet Fever	...	2	3	16	32	44	191	27	4	9	1	—	—	329
Cerebro-spinal Fever	...	1	2	—	—	—	—	3	—	1	3	—	1	11
Para-Typhoid Fever	...	—	—	—	—	—	—	1	—	—	—	—	—	1
Undulant Fever...	...	—	—	—	—	—	—	—	—	1	—	—	—	1
Acute Polio- Myelitis	...	—	1	—	—	—	—	—	—	—	—	—	—	1
Encephalitis Lethargica	...	—	—	1	—	—	—	—	—	—	—	—	—	1
Pneumonia	...	—	1	2	—	2	12	2	4	6	15	21	14	79
Jaundice	...	—	—	—	—	—	5	—	1	5	—	—	—	11
Food Poisoning	...	—	—	—	—	—	—	—	—	—	1	1	—	2
Dysentery	...	2	4	2	4	1	3	1	—	2	1	1	4	25
Erysipelas	...	—	—	1	—	—	—	—	2	3	6	10	2	24
Puerperal Pyrexia	...	—	—	—	—	—	—	—	2	36	7	1	—	46
Ophthalmia Neonatorum	...	6	—	—	—	—	—	—	—	—	—	—	—	6
Pemphigus Neonatorum	...	1	—	—	—	—	—	—	—	—	—	—	—	1
Whooping Cough	...	17	26	30	32	26	76	8	1	2	—	—	—	218
Measles	...	46	101	126	167	151	460	25	3	10	3	1	—	1093
Chickenpox	...	—	—	—	1	—	—	—	—	—	—	—	—	1
Totals	...	75	138	179	237	224	754	72	17	77	37	35	21	1866

1 (B). OPHTHALMIA NEONATORUM.

(a) Number of cases notified during the year ...	...	...	...	6
(b) Number of cases visited by officers of the Council ...	...	...	...	6
(c) Number of cases for whom home nursing was provided by the Council ...	...	...	...	0
(d) Number of cases removed to hospital ...	...	...	...	1
(e) Number of cases in which vision was impaired ...	...	...	...	Nil

1 (C). DIPHTHERIA IMMUNISATION.

Number of children immunised since the inception of the scheme :

	Under 5 years.		Over 5 years.	Total.
1936 ...	...	...	—	936
1937 ...	...	...	—	482
1938 ...	...	...	—	320
1939 ...	...	...	—	112
1940 ...	...	...	82	204
1941 ...	...	...	1,207	7,838
1942 ...	...	...	1,836	2,874
1943 ...	...	...	1,659	3,597

DIPHTHERIA IMMUNISATION.

GRAPH SHOWING PERCENTAGE OF UN-IMMUNISED POPULATION 0-15 YEARS
together with
INCIDENCE, AND DEATHS FROM DIPHTHERIA.

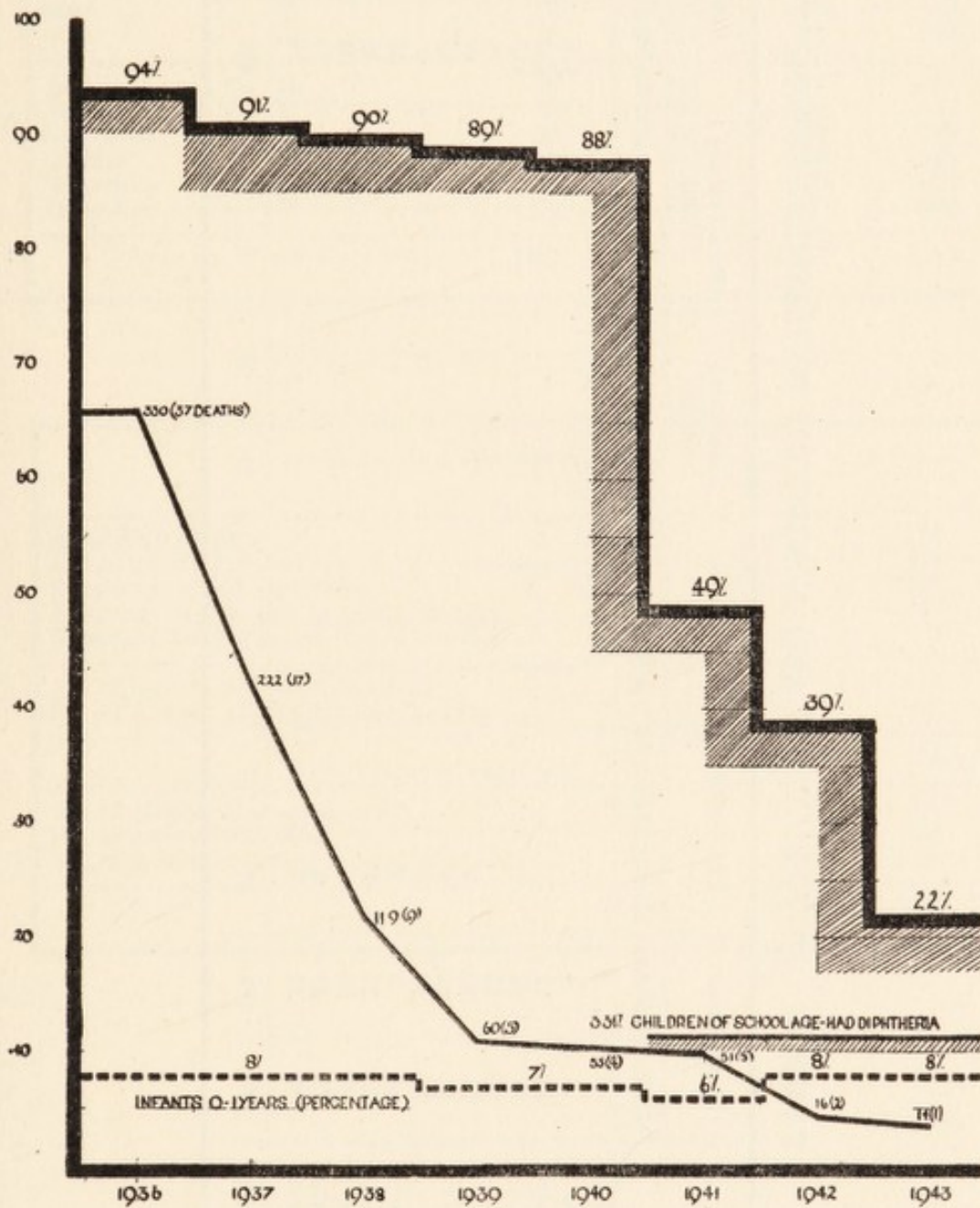


TABLE II. NOTIFICATIONS AND ADMISSIONS TO HOSPITAL DURING THE YEAR.

	Scarlet Fever		Diphtheria		Cerebro-Spinal Fever		Puerperal Pyrexia		Para-Typhoid Fever		Others		Total	
	Notified	Admitt'd	Notified	Admitt'd	Notified	Admitt'd	Notified	Admitt'd	Notified	Admitt'd	Notified	Admitt'd	Notified	Admitt'd
January	7	1	—	—	—	—	7	3	—	—	578	12	593	16
February	12	12	1	1	1	1	2	1	—	—	402	11	418	26
March	14	10	1	1	2	2	6	—	—	—	113	8	135	21
April	15	12	—	2	1	1	8	1	—	—	44	10	68	26
May	11	10	9	7	1	1	7	1	—	—	45	6	73	25
June	13	10	4	4	—	—	—	—	—	—	46	7	64	21
July	28	19	2	2	—	—	1	1	1	1	57	16	89	39
August	14	6	7	7	—	—	2	1	1	1	38	8	62	23
September	39	20	3	3	2	2	3	—	—	—	48	13	95	38
October	50	29	—	—	—	—	4	—	—	—	24	18	78	47
November	70	29	4	1	3	3	3	2	—	—	23	17	100	52
December	55	23	3	3	1	1	3	—	3	3	54	6	119	36
Totals	328	181	31	31	12	11	46	10	5	5	1,472	132	1,894	370

SPITTLESEA HOSPITAL—ANNUAL STATISTICS—1943

	No. of Patients Admitted			No. of Patient-Days		
	Spittlesea Hospital	Sick Bay	Total	Spittlesea Hospital	Sick Bay	Total
January ...	16	8	24	243	141	384
February ...	26	7	33	333	254	587
March ...	21	9	30	284	240	524
April ...	26	6	32	388	252	640
May ...	25	7	32	350	263	613
June ...	21	5	26	321	251	572
July ...	32	7	39	434	201	635
August ...	17	6	23	361	249	610
September ...	27	11	38	429	189	618
October ...	32	15	47	448	280	728
November ...	41	11	52	523	100	623
December ...	32	4	36	533	147	680
Total ...	316	96	412	4,647	2,567	7,214

	Spittlesea Hospital	Sick Bay	Total
Available bed-days ...	20,805	4,380	25,185
Actual bed-days of patients ...	4,647	2,567	7,214
Percentage of bed occupation ...	22.33%	55.21%	28.60%
Maximum No. of patients on any one day ...	20	13	33
Minimum No. of patients on any one day ...	4	4	8
No. of patients in hospital, 31.12.42 ...	8	4	12
No. of patients admitted during the year ...	316	96	412
	324	100	424
No. of patients discharged well ...	303	94	397
No. of patients who died ...	9	2	11
No. of patients remaining in hospital 31.12.43	12	4	16
	324	100	424

TABLE III. DEATHS REGISTERED DURING THE CALENDAR YEAR 1943, CLASSIFIED ACCORDING TO SEX AND CAUSE.

Causes of Death	All Ages		Under 1 year	
	984 10		79 1	
	Male	Female	Under 1 month	1 mth. and under 1 yr.
All causes—Certified	—	—	—	—
—Uncertified	2	—	—	—
Typhoid and Para-Typhoid Fevers ...	—	—	—	—
Cerebro-Spinal Fever	—	—	—	—
Scarlet Fever	3	1	—	1
Whooping Cough	—	1	—	—
Diphtheria	39	34	—	—
Tuberculosis of Respiratory System ...	6	7	—	4
Other Forms of Tuberculosis	6	1	—	1
Syphilitic Diseases	10	9	—	—
Influenza	—	2	—	1
Measles	—	—	—	—
Acute Polio-Myelitis and Encephalitis ...	—	1	—	—
Acute Infantile Encephalitis	4	—	—	—
Cancer of Buc. Cav. and Oesoph. ...	—	13	—	—
Cancer of Uterus	17	9	—	—
Cancer of Stomach and Duodenum ...	1	23	—	—
Cancer of Breast	54	35	—	—
Cancer of all other sites	4	6	—	—
Diabetes	37	54	—	—
Intra-Cranial Vascular Lesions ...	97	115	1	2
Heart Disease	14	12	—	—
Other Diseases of Circulatory System ...	24	17	—	—
Bronchitis	28	20	—	6
Pneumonia	7	7	—	—
Other Respiratory Diseases	4	2	—	—
Ulcer of Stomach or Duodenum ...	8	7	—	15
Diarrhoea under 2 years	4	2	—	—
Appendicitis	13	9	—	—
Other Digestive Diseases	13	11	—	—
Nephritis	—	2	—	—
Puerperal and Post-Abortive Sepsis ...	—	5	—	—
Other Maternal Causes	14	7	21	—
Premature Birth	12	10	16	6
Congenital Malformation; Birth In- jury; Infantile Diseases	7	—	—	—
Suicide	7	3	—	—
Road Traffic Accidents	7	6	2	2
Other violent causes	59	62	1	1
All other causes	501	493	41	39
	994		80	

REPORT
of the
Chief Sanitary Inspector

SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

1(A). GENERAL.

Luton, which has an area of 8,736 acres, is situated in a valley between the Chiltern Hills at 200 to 400 feet above sea level in the town, rising to 400 to 600 feet above sea level on the surrounding hills. It is mainly built upon the upper chalk, with loam and clay deposits.

Meteorology.—The Luton Meteorological Station, which is under the control of the Borough Engineer, is situated in Wardown Park, New Bedford Road, from which the following observations were taken :—

Sunshine.—1,632.3 hours of sunshine were recorded throughout the year. The sunniest day being the 18th May, 1943, when 14.5 hours were recorded.

Rainfall.—The total rainfall recorded during the year was 20.57 inches, the wettest day being the 1st June, 1943, when 0.84 inch of rain was recorded.

Temperatures.—The maximum temperature during the year was 88° F., recorded on the 31st July, 1943, whilst the minimum temperature was 24° F., on the 4th and 8th January, 1943, the mean temperature being 49.66° F.

Wind.—The prevailing wind during year was west.

1(B). WATER SUPPLY.

Luton has an abundant supply of excellent water which is distributed throughout the Borough by the Luton Water Company, and is derived from deep wells in the chalk situated in Crescent Road and Runley Wood. Chlorination of the supply is carried out, the average amount of chlorine pumped into the supply being .3 parts per million.

From information received from the Luton Water Company, the total amount of water supplied during the year ended 31st December, 1943, was 1,870,000,000 gallons. Assuming a population of 107,000 the total number of gallons used per head per day was approximately 40, an average of 15 gallons per head per day for industrial purposes, and 25 gallons per head per day for domestic use.

There were no new extensions of water mains in the Borough during the year.

In the new portion of the Borough, which was incorporated in April, 1933, there are still thirty houses which obtain their supply from driven tube wells.

Samples of water are taken regularly from the town mains at various points within the Borough and from other sources of supply for chemical and bacteriological examination.

The following is a summary of the samples of water taken during the year from all sources. Details of samples which were adversely reported upon are given below.

Number of samples of water examined by the Public Analyst ...	1
Number of samples of water examined by the Local Authority ...	199
Total	<u>200</u>

Number of samples of water obtained from :—

Crescent Road Pumping Station	100
Runley Wood Pumping Station	99
Domestic Supplies (Town Mains)	—
Shallow and Deep Wells, etc.	1
Other sources	—
	<u>200</u>
Number of samples found upon examination to be satisfactory	198
Number of samples found upon examination to be unsatisfactory—	
Presence of Bacillus Coli	2
	<u>200</u>

1(C). DRAINAGE AND SEWERAGE.

The drainage of the old part of the Borough is semi-separate in character, the whole of the soil water sewage being dealt with by filtration. The major part of the effluent is discharged to the River Lea at a point where the river leaves the Borough, whilst the effluent from the New Mill End Sewage Purification Works is discharged to the River Lea at New Mill End.

2. CLOSET ACCOMMODATION.

The following table shows the number of pail closets, earth closets and cesspools in the Borough at the end of December, 1943 :—

Pail closets	34
Earth closets	0
Cesspools,	161

During the year no cesspools were abolished.

All pail closets are emptied either once or twice weekly between the hours of 10 p.m. and 6 a.m.

Cesspools are emptied by means of mechanical plant as and when required.

3. PUBLIC CLEANSING—REFUSE DISPOSAL.

The system of refuse disposal is wholly controlled tipping.

From figures supplied by the Director of Public Cleansing, the weight of house and trade refuse disposed of during the year was 15,435 tons 4 cwts. 3 qrs.

4. SANITARY INSPECTION OF THE AREA.

4(A). NUMBER AND NATURE OF INSPECTIONS MADE.

Complaints reported to Public Health Department	...	...	1,044
Primary Inspection :—			
Where nuisances were found	...	...	1,141
Where complaint was received and no nuisance found	...	...	122
Under Housing Acts	...	...	4
Under Rent Restriction Acts	...	...	2
Where Infectious Disease has occurred	...	...	406
Bakehouses	...	...	41
Caravans, Tents, etc.	...	...	2
Common Lodging Houses	...	...	12
Cowsheds	...	...	18
Dairies and Milkshops	...	...	425
Factories and Work Places	...	...	41
Fish Frying Premises	...	...	22
Fish Curing Premises	...	...	4
Food Preparing Premises	...	...	81
Food Storage Premises	...	...	12
Houses Let in Lodgings	...	...	1
Markets and Shops	...	...	75
Marine Stores	...	...	1
Military Billets	...	...	292
Offensive Trades	...	...	4
Outworkers Premises	...	...	12
Restaurant Kitchens	...	...	46
Slaughterhouses (for meat inspection)	...	...	1,638
Shops (Section 10, Shops Act, 1934)	...	...	21
Schools	...	...	7
Stables and Piggeries	...	...	26
Theatres and Amusement Halls	...	...	17
Urinals—Public and Private	...	...	12

OTHER VISITS OR INSPECTIONS.

Drainage. Number of drains tested or exposed	...	...	38
Interviews	...	...	632
Investigations of Infestations of Insect pests (excluding bugs and fleas)	...	...	23
Visits to obtain Water Samples for Analysis	...	...	200
„ Rats and Mice Destruction	...	...	170
„ under The Food and Drugs Act, for Samples, etc.	...	...	652
„ to property under notice or work in progress	...	...	3,723
Miscellaneous visits	...	...	1,769
			12,737

4(B). ABATEMENT OF NUISANCES.

Drainage reconstructed	22
„ repaired, trapped, etc.	32
„ unstopped	284
Chambers constructed	16
Repairs to chambers or new covers	14
Cesspools emptied because of overflow	4
„ repaired or rendered impervious	1
Soil or vent pipes—new fixed	2
„ „ repaired	8
Water closets—repaired or supplied with water	175
„ „ new pans or pedestals fixed	28
Waste Pipes—repaired or trapped	36
„ „ waste pipes or R.W.P.'s disconnected from drains	1
„ „ R.W.P.'s and eaves gutters repaired	44
Sinks provided or replaced	3
Accumulations of refuse removed	20
Animals, fowls, etc.	10
Brickwork or pointings repaired	22
Coppers repaired or renewed	20
Dampness remedied	81
Damp Proof courses inserted	3
Dustbins supplied	106
Fireplaces, stoves and flues repaired	82
Flooring and other woodwork repaired or renewed	73
Floors—concrete or quarried repaired or renewed	12
Gas fittings or services repaired	23
Gullies in street unstopped	10
Overcrowding abated	1
Plaster repaired	45
Rat infestations abated	36
Rent Books made to comply with Regulations of Housing Act	2
Roofs made watertight	107
Stagnant water removed	1
Walls and ceilings cleansed	89
Water supplies reinstated or made sufficient	17
Windows—Cords, fasteners and glass repaired or renewed	78
Verminous rooms fumigated	405
Ventilation improved	2
Ventilation—sub-floor provided	2
Yards and passages paved	15
Miscellaneous	93
Total	2,025

4(C). STATUTORY NOTICES.

NUMBER OF LEGAL NOTICES ISSUED FOR ABATEMENT OR
ABOLITION OF NUISANCES.

	<i>Served</i>	<i>Complied with</i>
Number of Outstanding Notices, 31st Dec., 1942 ...	1	1
Public Health Act, 1936. Section 39	1	1
Public Health Act, 1936. Section 45	2	2
Public Health Act, 1936. Section 93	10	9
Luton Corporation Act, 1911. Section 36	8	8
	22	21

5(A). INFECTIOUS DISEASES.

Premises inspected where notifiable diseases have occurred ...	406
Cases removed to Isolation Hospital	230
Rooms disinfected after infectious, contagious or other disease, etc.	411
Premises where repairs or redecorations have been carried out after infectious diseases	18
Rooms where walls and ceilings were rubbed down after infectious disease	248
Visits paid to ascertain if notices to repair or redecorate have been complied with	39
Rooms disinfected by occupiers	291
Premises visited tracing infectious diseases	65
Articles disinfected by steam at request of owners	7,670
Articles disinfected by fumigants at request of owners	40
Articles destroyed by burning at request of owner	104
Total visits paid to infected premises	882

5(B). ARTICLES DISINFECTED IN CONNECTION WITH
H.M. FORCES AND EVACUATION.

	<i>H.M. Forces</i>	<i>Evacuation</i>	<i>Total</i>
Beds	8	15	23
Blankets	17,938	1,276	19,214
Articles of clothing	8	21	29
Other articles	—	15	15
	17,954	1,327	19,281

5(C). DISINFECTANT.

During the year, 40 gallons of disinfecting fluid were supplied to the public, free of charge, for use in premises where cases of infectious disease, etc., had occurred.

5(D). LIBRARY BOOKS.

During the year, 743 library books were withdrawn from circulation and were disinfected before they were returned.

6. PUBLIC SWIMMING BATHS.

There are two Public Swimming Baths in the Borough, both owned by the Corporation.

The Public Baths are situate in Waller Street, Luton, and consist of a covered Swimming Bath, 46 Slipper Baths, and 1 Vapour Bath, whilst the Open Air Swimming Pool, situate off New Bedford Road, Luton, caters for Swimming and Bathing only.

During the season of 1943, the following number of bathers were dealt with :—

					<i>Waller Street Baths</i>	<i>Open Air Swimming Pool</i>
Civilians	...	...	...	...	98,000	51,000
Members of H.M. Forces	...	...	...	...	59,000	300
Total	...	...	...	...	157,000	51,300

Chloroscope examinations of the water are carried out by the Attendants approximately three times per day, and in addition, samples of water are sent to the Public Analyst for examination every two months.

7. ERADICATION OF BED BUGS.

During the year ended 31st December, 1943, 109 complaints of verminous premises were received, and in 100 instances disinfestation was carried out. Prior to disinfestation, notices were served upon the owners of the premises to remove all paper hangings, skirtings, architraves, mouldings, etc., and the premises were re-inspected before these articles were reinstated.

The following table shows the number of premises and rooms dealt with during 1943 :—

	Number of Premises		Number of Rooms	
	Found to be infested	Disinfested	Found to be infested	Disinfested
Number of Council Houses	10	10	28	28
Number of other Houses	173	173	377	377
Number of cases where disinfestation has been carried out prior to removal from Clearance Areas, etc. into new Council Houses	—	—	—	—
Number of cases where disinfestation has been carried out by Corporation Disinfecting Officer	183	183	405	405
Number of cases where disinfestation has been carried out by Occupants or Contractors	—	—	—	—
Number of complaints of infestation received (109)	100	100	236	236
Number of cases found by Sanitary Inspectors	83	83	169	169

8(A). THE FACTORIES ACT, 1937.

Since the Factories Act became operative, inspection of factories within the Borough has been maintained, and unsatisfactory conditions have been recorded and appropriate action taken by the Local Authority.

As a result of the inspection of Basement Bakehouses, the Local Authority resolved that they were not satisfied that the Bakehouses were suitable for use as such, and gave the owners a period of eighteen months in which to cease using these premises.

Owing to present conditions, the period of eighteen months has been extended. The position will again be reviewed in January, 1945.

8(B). NATURE OF DEFECTS FOUND IN FACTORIES, FACTORIES (NO MECHANICAL POWER), AND WORKPLACES.

Number of premises inspected	2,279
Number inspected and found satisfactory	2,223
Number inspected and found unsatisfactory	56

8(C). LIST OF DEFECTS FOUND IN FACTORIES, FACTORIES
(NO MECHANICAL POWER), AND WORKPLACES.

Abstract not posted	...	...	...	...	...	...	...	—
Cleanliness, want of	...	...	...	...	...	...	...	28
Dilapidations, General	...	...	...	...	...	...	...	11
Dustbins required	...	...	...	...	...	...	...	6
Drains choked or defective	...	...	...	...	...	...	...	7
Dampness	...	...	...	...	...	...	...	1
Floors, defective	...	...	...	...	...	...	...	5
Offensive accumulations	...	...	...	...	...	...	...	8
Rat or Mice infestation	...	...	...	...	...	...	...	4
Trade refuse burning	...	...	...	...	...	...	...	5
Ventilation, want of	...	...	...	...	...	...	...	3
Water Closet, not separate for sexes	...	...	...	...	...	...	...	3
„ „ not ventilated	...	...	...	...	...	...	...	2
„ „ dirty condition	...	...	...	...	...	...	...	9
„ „ needing repair	...	...	...	...	...	...	...	9
„ „ not screened	...	...	...	...	...	...	...	5
„ „ without indication	...	...	...	...	...	...	...	2
Miscellaneous	...	...	...	...	...	...	...	8

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8(D). REGISTERED FACTORIES AND FACTORIES (NO
MECHANICAL POWER).
FACTORIES' ACT, 1937.

The following is a classified list of the Factories and Factories (No Mechanical Power) on the Register at the 31st December, 1943.

FACTORIES.

Hat Manufacturers	...	...	...	...	...	...	...	209
Upholsterers	...	...	...	...	...	...	...	3
Motor Vehicle Engineers, Repairs and Cycle Repairs	...	...	...	...	...	...	...	29
Boot Repairers	...	...	...	...	...	...	...	33
Corn Merchants	...	...	...	...	...	...	...	2
Joiners, Woodworkers and Carpenters	...	...	...	...	...	...	...	27
Builders	...	...	...	...	...	...	...	5
General Engineers	...	...	...	...	...	...	...	32
Undertakers	...	...	...	...	...	...	...	2
Hat Blockmakers	...	...	...	...	...	...	...	18
Bleachers, Dyers and Felt Body Makers	...	...	...	...	...	...	...	16
Breeze Block Manufacturers	...	...	...	...	...	...	...	2
Cardboard Box Makers	...	...	...	...	...	...	...	15
Chocolate, Cocoa and Sweet Manufacturers	...	...	...	...	...	...	...	1
Printers and Letterpress Printers	...	...	...	...	...	...	...	19
Hat Lining Manufacturers	...	...	...	...	...	...	...	13
Sheet Metal Workers	...	...	...	...	...	...	...	3
Electrical Engineers	...	...	...	...	...	...	...	12

Acetylene Welders	...	...	...	...	...	...	...	1
Sausage Makers, Pie Makers, etc.	...	...	...	...	...	...	...	10
Electro-platers	...	...	...	...	...	...	...	1
Iron Founders	...	...	...	...	...	...	...	7
Stone Masons	...	...	...	...	...	...	...	3
Tailors and Clothiers	...	...	...	...	...	...	...	11
Machine Makers	...	...	...	...	...	...	...	1
Hat Materials Merchants	...	...	...	...	...	...	...	2
Saw Mills	...	...	...	...	...	...	...	2
Laundries	...	...	...	...	...	...	...	6
Sewing Machine Engineers	...	...	...	...	...	...	...	2
Pattern Makers	...	...	...	...	...	...	...	2
Mineral Water Manufacturers and Brewers	...	...	...	...	...	...	...	5
Photographic Printers and Developers	...	...	...	...	...	...	...	3
Feather Dyeing and Mounting	...	...	...	...	...	...	...	4
Chemical Makers	...	...	...	...	...	...	...	4
Blacksmiths	...	...	...	...	...	...	...	3
Garment Makers and Menders and Corset Makers	...	...	...	...	...	...	...	5
Creameries and Dairies	...	...	...	...	...	...	...	3
Knitted Hood Makers and Proofer	...	...	...	...	...	...	...	2
Glass Workers	...	...	...	...	...	...	...	4
Brass and Aluminium Founders	...	...	...	...	...	...	...	3
Coach and Motor Body Builders	...	...	...	...	...	...	...	3
Miscellaneous	...	...	...	...	...	...	...	24

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8(E). FACTORIES (NO MECHANICAL POWER).

Joiners	...	...	...	...	...	...	...	5
Weighing Machine Repairers and Scale Makers	...	...	...	...	...	...	...	2
Upholsterers	...	...	...	...	...	...	...	3
Painters and Plumbers	...	...	...	...	...	...	...	1
Tailors	...	...	...	...	...	...	...	5
Blacksmiths and Wheelwrights	...	...	...	...	...	...	...	6
Coach Builders and Repairers, Motor Vehicle and Cycle Repairers	...	...	...	...	...	...	...	3
Sheet Metal Workers	...	...	...	...	...	...	...	1
Watch, Clock, Jewellery and Typewriting Repairs	...	...	...	...	...	...	...	2
Hat and Millinery Manufacturers	...	...	...	...	...	...	...	3
Dress and Coat Makers and Alterations	...	...	...	...	...	...	...	4
Builders' Yards and Brickmakers	...	...	...	...	...	...	...	4
Boot Repairers	...	...	...	...	...	...	...	1
General Engineers	...	...	...	...	...	...	...	1
Sweet Manufacturers	...	...	...	...	...	...	...	1
French Polishers	...	...	...	...	...	...	...	1
Miscellaneous	...	...	...	...	...	...	...	8

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8(F). MATTERS REFERRED BY H.M. INSPECTOR OF FACTORIES.

Action taken in matters referred by H.M. Inspector of Factories as remediable under the Public Health Acts, but not under the Factory and Workshop Acts :—

Notified by H.M. Inspector	...	...	...	...	...	...	6
Reports (of action taken) sent to H.M. Inspector	...	...	...	...	...	...	6
Number of Defects remedied as a result of such action	...	...	...	...	...	...	9

8(G). NOXIOUS FUMES.

Following the receipt of complaints concerning the emission of noxious fumes from a factory, an investigation was made when it was found that vegetation in close proximity to the factory was burnt, withered and destroyed.

The owners of the works were approached and the Inspector under the Alkali, etc., Works Regulation Act notified with the result that the Nuisance was abated and there has been no recurrence.

8(H). OUTWORKERS RETURNS.

OUTWORKERS LISTS Section 110, Factories Act, 1937. Section 107, Factory and Workshop Act, 1901.																Outwork in un-wholesome premises, Sec. 111.			Outwork in infected premises, Sec. 153, P.H.A. 1936.			Lists forwarded to other Authorities				Lists received from other Authorities			
Nature of Work	Lists received from Employers and other Authorities						Notices served on occupiers as to keeping or sending lists			Prosecutions		Instances	Notices served	Prosecutions	Instances made Sec. 153, P.H.A. 1936	Prosecutions Sec. 153, P.H.A. 1936	Local Authorities to whom lists of outworkers have been forwarded	Number of lists	Workmen	Contractors	Authorities from whom lists have been received	Number of lists	Workmen	Contractors					
	Sending once in the year		Sending twice in the year		Failing to keep and permit inspection of lists			Failing to send lists.																					
	Lists	Contractors	Workmen	Lists	Contractors	Workmen	Failing to keep and permit inspection of lists	Failing to send lists.																					
Making, &c.(1)	0	0	0	7	3	100	0	0	0	0	0	0	0	Where cases have arisen work has been withheld by verbal arrangement	Wing R.D.C. ... Luton R.D.C. ... Ampthill R.D.C. ... Dunstable B.C.	1 1 1 1	2 6 1 13	- - - -	Hackney B.C. ... London ... City of Westminster Southwark B.C.	2 3 - 3	3 - 1 1	6 7 3							
Wearing Apparel (2)				2		2								No separate Records kept															
Brushes (3)						1																							
Fancy Boxes																													
Totals	0	0	0	9	3	103	0	0	0	0	0	0	0				4	22	-										

The homes of all outworkers are visited by the Sanitary Inspectors who deal with any nuisance or other irregularity

SECTION E.—INSPECTION AND SUPERVISION OF FOOD.

1(A). MILK SUPPLY : MILK AND DAIRIES ACTS AND ORDERS, ETC.

						<i>On Register Dec. 31st, 1942</i>	<i>On Register Dec. 31st, 1943</i>
Registered :—							
Cowkeepers	...	...	...	...	...	11	11
Wholesalers	...	...	...	...	...	12	11
Registered Purveyors for Sale of :—							
Tuberculin Tested Milk	...	...	...	...	...	—	—
Tuberculin Tested Milk (Certified)	...	...	...	...	...	3	1
Accredited	...	...	...	...	...	1	—
Pasteurised Milk	...	...	...	...	...	2	2
Ungraded Loose Milk	...	...	...	...	...	79	79
Prepacked Milk only	...	...	...	...	...	299	210

Milk (Special Designations) Order.

The following table shows the number of Licences granted during 1943 :—

Tuberculin Tested Milk (Certified)—							
Supplementary	...	...	...	...	...	...	1
Dealer's	...	...	...	...	...	...	—
							1
Pasteurised	...	...	...	...	...	...	2
							— 2
							— 3
Number of Milk Vendors resident in Borough						...	251

1(B). BACTERIOLOGICAL EXAMINATION OF MILK.

During the year, 181 samples of milk were submitted for bacteriological examination and the following table shows the results of these examinations :—

Samples reported to contain :—											
	Total number of samples submitted	B. Coli in tubes			%	Strep- to cocci	%	Pus cells	%	Dirt	%
		1	2	3							
Ordinary Milk ...	119	9	10	63	68.91	8	6.72	85	71.43	—	0.84
Pasteurised ...	56	6	2	5	23.21	1	1.79	38	67.86	—	1.79
Tuberculin Tested (Certified)	6	—	—	1	16.67	—	—	6	100.00	—	—
Total ...	181	15	12	69	53.04	9	4.97	129	71.27	—	1.10

A number of unsatisfactory samples was taken from large bulk supplies and it was impossible to trace infection back to its source, but in 27 cases, the matter was taken up with the County Councils, Producers and Retailers concerned.

1(C). SUMMARY OF CHEMICAL ANALYSES OF MILK SAMPLES.

Period	No. of Samples Examined	AVERAGES	
		Fat %	Solids not Fat %
January	22	3.62	9.02
February	18	3.54	8.91
March	27	3.49	8.81
Quarter ended 31.3.43 ...	67	3.55	8.90
April	29	3.41	8.76
May	28	3.36	8.89
June	37	3.44	8.94
Quarter ended 30.6.43 ...	94	3.40	8.87
July	26	3.64	8.76
August	19	3.76	8.54
September	27	3.56	8.65
Quarter ended 30.9.43 ...	72	3.64	8.66
October	31	3.75	8.73
November	24	3.64	8.89
December	17	3.70	8.88
Quarter ended 31.12.43 ...	72	3.70	8.82
Year ended 31.12.43 ...	305	3.56	8.82

1(D). Eleven samples of milk were taken for examination for the presence of Tubercle Bacilli under the Food and Drugs Act, 1938. Guinea Pigs were inoculated and the Post-mortem results were proved negative for tuberculosis and abortus infection.

1(E). BACTERIOLOGICAL EXAMINATION OF WASHED MILK BOTTLES.

Following the receipt of complaints concerning the keeping quality of milk supplied by certain Dairymen in the Borough, seven washed milk bottles were taken for bacteriological examination by the Local Authority. The bottles were rinsed with 20 cc sterile saline, the results are shown below.

Sample No.	1	2	3	4	5	6	7
Coliform organisms present in 1 cc in 0, 1, 2, or 3 tubes.	0	1	0	0	1	3	0
Total number of bacteria present per pint bottle.	9,600	600	600	1,800	200	64,000	200

2. MARGARINE PREMISES.

Number of premises wherein the business of a wholesale dealer in margarine is carried on :—

On Register at 31st December, 1943 17

3(A). INSPECTION OF MEAT AND OTHER FOODS.

The amount of unsound food condemned and destroyed during the year comprised :—

<i>No. of Parcels</i>	<i>Article</i>	<i>Weight in lbs.</i>
3,011	Beef	129,184
138	Pork	3,155
270	Mutton	2,354
	Bacon and Ham	163
	Fruit—Fresh and Canned	2,285
	Vegetables—Fresh and Canned and Soups	987
	Fish—Fresh and Canned	5,496
501	Sausage and Sausage Meat	256
	Butter and Cheese	136
	Canned Milk	1,570
	Canned and Cooked Meat	3,616
	Oats	504
	Sundries	2,062
3,920		151,768

Total weight—67 tons 15 cwt. 0 qrs. 8 lbs.

The above table includes the weight of the entire carcasses and organs of 28 cattle, excluding cows, 64 cows, 32 calves, 25 sheep and lambs and 12 pigs.

In addition, the following articles which were not weighed were condemned :—

<i>No. of Parcels</i>	<i>Article</i>	<i>Number</i>
14	Eggs ...	250
	Fish Cakes ...	1632
	Meat Pies ...	389
	Biscuits ...	3 Tins
	Milk ...	12 Gallons
	Chocolate ...	48 Bars

3(B). MEAT INSPECTION IN SLAUGHTERHOUSES.

The following table shows the number of carcasses inspected and condemned during the year :—

	Cattle exclud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs	Total
Number killed ...	3,762	1,490	4,158	11,361	652	21,423
Number inspected ...	3,762	1,490	4,158	11,361	652	21,423
Percentage of number killed which were inspected ...	100%	100%	100%	100%	100%	100%
All diseases except Tuberculosis :						
Whole carcasses condemned	1	7	14	25	7	54
Carcasses of which some part or organ was condemned	811	498	24	904	48	2,285
Percentage of the number inspected affected with disease other than tuber- culosis ...	21.58%	33.89%	0.91%	8.13%	8.44%	10.92%
Tuberculosis only :						
Whole carcasses condemned	27	57	18	—	5	107
Carcasses of which some part or organ was condemned	641	687	7	—	113	1,448
Percentage of the number inspected affected with tuberculosis ...	17.76%	49.93%	0.60%	—	18.10%	7.26%

3(C). CONGENITAL TUBERCULOSIS IN CALVES.

During the year the Ministry Veterinary Inspector was notified of three cases of Congenital Tuberculosis in Calves and as a result one infected dam was reported to have been traced and slaughtered.

3(D). SLAUGHTER OF ANIMALS ACT, 1933.

Number of slaughtermen on Register at 31st Dec., 1942	...	...	76
„ „ added to Register during 1943	...	...	2
			—
„ „ deleted from Register during 1943	...		78
			48
„ „ on Register at 31st Dec., 1943	...	...	30
			—
Number of applications for licences refused during 1943	...	...	0

4(A). SALE OF FOOD AND DRUGS ACTS.

During the year, 308 samples were taken, 141 being formal and 167 informal samples.

<i>Formal</i>	<i>Informal</i>	<i>Nature of Sample</i>
—	6	Butter
—	26	Cooked meats
—	2	Confectionery, sweets, etc.
—	18	Fish—canned and fish and meat paste
—	9	Food substitutes
—	7	Fruit—fresh and preserved
—	23	Groceries—miscellaneous
—	7	Jam, honey, marmalade, etc.
—	6	Lard
—	6	Margarine
—	19	Milk—canned and dried
130	—	Milk
—	17	Patent medicines and chemical substances
—	11	Temperance drinks and non-alcoholic wines
—	7	Sausages and sausage meat
11	3	Wines, spirits and beers
—	—	
141	167	
	308	

4(B). Of the samples analysed, 9 were reported to be not genuine, details of which, and the action taken in regard thereto, are as follows :—

Sample No.	In-formal	Formal	Article	Adulteration or other irregularity	Action taken
6422	—	1	Milk	Milk fat abstracted 9.0%	No action taken as average fat content of day's yield was 3.2475%
6437	—	1	Milk	Milk fat abstracted 2.0%	} No action taken as average fat content 3.3802% Collected by carrier before strippings had been recovered and therefore no action taken
6438	—	1	Milk	Milk fat abstracted 9.3%	
6439	—	1	Milk	Milk fat abstracted 17.3%	
6441	—	1	Milk	Milk fat abstracted 6.6%	
6445	—	1	Milk	Milk fat abstracted 3.6%	No action taken as average fat content of days yield was 3.335%
6474	—	1	Milk	Milk fat abstracted 6.6%	No action taken as average fat content of day's yield was 3.64%
6548	—	1	Milk	Milk fat abstracted 11.6%	Average fat content of the 24 hours' yield was 3.49% and producer was warned and recommended to use a Spreader
6608	—	1	Gin	36.64 degrees under proof	Matter investigated and having regard to conditions found, vendor was warned

4(C). During December, 1943, an Inspector was obstructed in the purchasing of a sample of Spirits. A summons was taken out for obstruction, but was not proceeded with owing to the death of the person concerned.



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