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Contributors

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Borough of Guildford.

ANNUAL REPORT

OF THE

ACTING

Medical Officer of Health

FOR

1940,

TOGETHER WITH

THE ANNUAL REPORT

OF THE

Sanitary Inspector.



ANNUAL REPORT

OF THE

Acting Medical Officer of Health for 1940.

To the Chairman and Members of the Health Committee.

COUNCILLOR MRS. CROKE AND GENTLEMEN,

I beg to present my Annual Report upon the Health of the Borough of Guildford for the year ended December 31st, 1940.

This Report is abridged in compliance with the instruction of the Ministry of Health.

Many additional duties have been placed upon the Department as a result of war conditions and by the influx of evacuees into the Town. Every effort has, however, been made to keep the work of the Department as up to date as possible.

Thanks are again due to all the voluntary helpers at the various Clinics for their assistance.

In conclusion, I should also like to express my appreciation of the invaluable assistance given to me by all members of the Health Committee and staff during the past year.

Yours faithfully,

PATRICIA MILLIGAN, M.B., D.P.H., B.Sc.,
Acting Medical Officer of Health.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

Medical Officer of Health :

F. A. BELAM, M.D., Ch.B., D.P.H.

Deputy Medical Officer of Health :

PATRICIA MILLIGAN, M.B., D.P.H., B.Sc.

Chief Sanitary Inspector :

F. G. ENGLAND, M.R.San.I.

District Sanitary Inspectors :

W. S. GREGORY (1). E. N. JONES (2).

Each Sanitary Inspector holds the Meat Inspector's Certificate.

Health Visitors and School Nurses :

MISS E. SMITH, Certs. General Training and S.C.M.

MRS. A. KEAR, Certs. General Training, F.R.N., S.C.M.,
Health Visitor's, and Sanitary Inspector's.

MISS B. L. PECKHAM, Certs. General Training, S.C.M.,
and Health Visitor's.

MISS I. KOSTER, Certs. General Training, S.C.M., Health
Visitor's.

Clerks :

Mr. S. Harper joined His Majesty's Forces in November ;
Mrs. E. G. Dalby was appointed as temporary Clerk in
the position thus left vacant.

Miss J. Best resigned in November, and was succeeded by
Mrs. M. Brown.

Medical Officer for Ante and Post-Natal Clinics :

MISS WINSOME D. GRANTHAM, M.B.*

Obstetric Consultant and Consultant for Puerperal Fever and Pyrexia Cases :

J. O. M. REES, B.Sc., M.R.C.S., L.R.C.P.*

Mothers' and Toddlers' Dental Clinic :

E. E. LEWIS, L.D.S.

Public Analyst : E. HINKS, B.Sc., F.I.C.*

*Part-time Officers.

Annual Report of the Acting Medical Officer of Health for 1940.

Statistics and Social Conditions of the Area.

Area (in acres) : 7,173.

Registrar-General's estimate of the resident population, mid-1940 : 46,220.*

Number of inhabited houses and flats (end of 1940) according to Rate Books : 11,631.

Rateable Value at December 31st, 1940 : £503,186.

Sum represented by a Penny Rate (at April 1st, 1940) : £2,010.

*Figure for calculating Birth Rate.

The Manager of the Ministry of Labour Employment Exchange, Mr. Owen, has very kindly provided me with the following information on employment and unemployment in Guildford during 1939 and 1940.

The insured population in the area of the Guildford Employment Exchange during the years 1939 and 1940 showed a considerable increase as compared with previous years.

The employment position during these two years was steadfastly satisfactory, and with the exception of a short period in the winter of 1939, when a relatively large number of men were temporarily unemployed owing to weather conditions, the number of registered unemployed did not rise above the normal. The turnover in the registers was more rapid than usual, and no persons capable of work under ordinary industrial conditions remained unemployed for any length of time.

With the advent of war conditions a fairly large number of workers (mainly women) transferred to Guildford from adjacent areas—mainly the London district. This resulted in an abnormal rise in the unemployment figures relating to women, but as opportunities for work arose locally the number of unemployed women showed a steady decline.

There have been displacements of labour in many directions owing to decreased activity in non-essential trades, but these have been more than counter-balanced by opportunities for work of National importance.

Owing to the abnormal increase in the population it is not possible to give the rate of unemployment for Guildford during the past two years, but it is certainly lower than at any previous time.

The main industries in this area are: Agriculture, Building, Public Works, Engineering, Distributive Trades, Laundries. Employment in all these industries has continued to be very good.

Extracts from Vital Statistics of the Year.

	Total.	M.	F.	
Live Births—				Birth Rate per 1,000 of the estimated resident popula- tion, 13.04.
Legitimate ...	611	308	303	
Illegitimate ...	29	17	12	
Still Births ...	15	6	9	Rate per 1,000 total (live and still) births, 22.90.
Deaths ...	573	282	291	Death Rate per 1,000 of the estimated resident popula- tion as adjusted by comparability fac- tor, 12.39.

Comparability factor : 0.96.

Deaths from Puerperal causes (rate per 1,000 total (live and still) births) :—

Puerperal Sepsis	...	...	...	Nil
Other Puerperal Causes (2)	...	...	...	3.05

Death Rate of infants under 1 year of age :—

All infants, per 1,000 live births	...	...	48.43
Legitimate infants, per 1,000 legitimate births...	...	...	47.46
Illegitimate infants, per 1,000 illegitimate births	...	...	68.96
Deaths from Cancer (all ages)	...	...	76
Deaths from Measles (all ages)	...	...	1
Deaths from Whooping Cough (all ages)	...	...	—
Deaths from Diarrhoea (under 2 years of age)	...	...	3

Birth Rate, Death Rate, and Analysis of Mortality in the Year 1940. Provisional Figures.

England & Wales, 126 County Boroughs and Great Towns, and 148 Smaller Towns.	Rate per 1,000 Population		Annual Death-Rate per 1,000 Population									Rate per 1,000 Live Births	
	Live Births	Still-births	All Causes	Typhoid and Paratyphoid Fever	Small-pox	Measles	Scarlet Fever	Whooping Cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis under 2 years	Total Deaths under 1 year
England and Wales	14.6	0.55	14.3	0.00	—	0.02	0.00	0.02	0.06	0.32	—	4.6	55
126 County Boroughs and Great Towns, including London	16.0	0.64	15.8	0.00	—	0.02	0.00	0.02	0.07	0.29	—	5.9	61
148 Smaller Towns (Resid't Populat'ns 25,000 to 50,000— 1931 Census) ...	15.7	0.55	12.8	0.00	—	0.02	0.00	0.02	0.05	0.30	—	4.4	54
London ...	13.7	0.44	17.8	0.00	—	0.01	0.00	0.00	0.01	0.18	—	5.8	50
GUILDFORD ...	13.04	0.32	12.39	—	—	0.02	—	—	0.08	0.28	—	4.9	31

The Maternal Mortality Rates for England and Wales are as follows :

per 1,000 {	Total Births	...	Puerperal Sepsis—0.52	Others—1.64	Total—2.16
	Guildford	...	Puerperal Sepsis—0.00	Others—3.05	Total—3.05

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

Cause of Death.					1940.		
					All Ages.		Total.
					M.	F.	
Measles	...	...	...	...	1	—	1
Diphtheria	...	...	...	...	—	4	4
Influenza	...	...	...	...	6	7	13
Cerebro Spinal Fever...	...	...	...	...	2	3	5
Tuberculosis—Pulmonary	...	...	...	...	12	5	17
Non-Pulmonary	...	...	...	...	1	1	2
Syphilitic Diseases	...	...	...	...	2	3	5
Cancer	...	...	...	...	30	46	76
Diabetes	...	...	...	...	—	2	2
Cerebral Hæmorrhage	...	...	...	...	23	32	55
Heart Disease	...	...	...	...	57	63	120
Other Circulatory Disease	...	...	...	...	24	12	36
Bronchitis	...	...	...	...	14	20	34
Pneumonia	...	...	...	...	20	20	40
Other Respiratory Disease	...	...	...	...	7	8	15
Ulcer of Stomach or Duodenum	...	...	...	...	6	—	6
Appendicitis	...	...	...	...	3	—	3
Diarrhœa under 2	...	...	...	...	3	—	3
Other Digestive Disease	...	...	...	...	6	8	14
Nephritis	...	...	...	...	10	5	15
Premature Birth	...	...	...	...	3	4	7
Maternal Causes (excluding Puerperal and Post-abortion sepsis...	...	...	...	...	—	3	3
Con., Mal., Birth Injury, Infant Dis.	...	...	...	...	4	4	8
Suicide	...	...	...	...	4	1	5
Violence (including road traffic accidents)	...	...	...	...	14	4	18
Other Defined Disease	...	...	...	...	30	36	66
Totals	...	...	...	...	282	291	573

General Provision of Health Services for the Area.

Laboratory Facilities.—The following Municipal work was done during 1940 by the Pathological Laboratory of the Royal Surrey County Hospital: 467 specimens were examined, of which 362 were swabs for Diphtheria, 28 sputa for Tubercule and 49 swabs for Haemolytic Streptococci, 16 for Meningococci, the remaining 12 being of a miscellaneous type. Milk examinations, including the Phosphatase Tests, were also carried out and are detailed elsewhere.

Ambulance Facilities.—This work is carried out most efficiently and leaves nothing to be desired. Through this service all the needs of the Borough are met with the exception of infectious cases, which are transported by the ambulances of the Guildford and Godalming Joint Hospital Board.

The following information has been supplied by Mr. Julius D. Rutter, Superintendent:—

**Borough of Guildford Corps
St. John Ambulance Brigade.**

Total Cases handled	...	...	...	...	...	4,101
Divided as follows :						
Accident Calls	...	...	...	...	...	451
Long distance Invalid Transport	...	...	...	...	...	1,849
Borough Invalid Transport Cases	...	...	...	...	...	1,338
Fire Calls	...	...	...	...	...	33
Patients moved from room to room	...	...	...	...	...	80
Attendance by Nurses at R.S.C. Hospital and Clinic	...	...	...	...	...	435
Patients treated on Public Duty	...	...	...	...	...	321
Patients treated off Duty...	...	...	...	...	...	62
Articles issued from Medical Comfort Department	...	...	...	...	...	507
Distance travelled by the Ambulances	...	...	...	...	(miles)	37,176
Strength of Corps (Men and Nurses)	...	...	...	...	...	...
(Regular Members)	...	...	...	...	...	211

The Corps possesses four ambulances and one car for sitting cases, also one mobile trailer dressing station. All are in perfect running order.

The Corps receives £100 per annum for Ambulance Services from the Corporation.

All Invalid Transport carried out within the Borough boundary is done without charge to the patient. Accident calls over any distance are carried out free of charge.

Nursing in the Home.—All this work is carried out by the general nurses or district midwives of the Guildford and District Queen's District Nursing Association. Five general nurses and two district midwives were employed during the year, the latter under the agreement made with the Corporation.

The following is a summary of the work carried out by the Guildford and District Queen's Nurses during 1940 :—

Number of cases attended as midwifery cases...	136
Number of cases attended as maternity cases on the district	10
Number of midwifery cases in the Jarvis Home	135
Number of maternity cases in the Jarvis Home	35
Total	<u>316</u>

Number of ante-natal sessions at the Jarvis Home	98
Number of ante-natal attendances	1,643
Number of new bookings	351
Number of Municipal ante-natal sessions ...	50
Number of mothers taken to Municipal ante- natal Clinics	635
Number of Municipal post-natal sessions ...	50
Number of mothers taken to Municipal post- natal Clinics	151

Children under 5 years of age nursed by the G.Q.D.N.A. :—

	Number of Cases.	Visits Paid.	Transferred to Hospital.
Measles	1	10	—
Ophthalmia N. ...	—	—	—
Whooping Cough ...	—	—	—
Inf. Diarrhoea ...	—	—	—
Influenza	1	7	—
Pneumonia	2	19	—
Diphtheria	—	—	—
Other Diseases ...	132	1,073	2
	<u>136</u>	<u>1,109</u>	<u>2</u>

Children over 5 years of age nursed by G.Q.D.N.A. :—

	Number of Cases.	Visits Paid.	Transferred to Hospital.
Pneumonia	3	29	—
Measles	1	11	—
Whooping Cough ...	—	—	—
Influenza	3	17	—
Other Diseases ...	73	493	5
	<hr/> 80 <hr/>	<hr/> 544 <hr/>	<hr/> 5 <hr/>

Clinics and Treatment Centres.—Clinics were as follows :

STOUGHTON :

Monday mornings, Tuesday and Thursday afternoons :
Maternity and Child Welfare.

Wednesday afternoons : Ante-Natal.

Alternate Wednesday mornings : Post-Natal.

ARUNDEL HOUSE :

Monday, Wednesday and Friday afternoons : Maternity
and Child Welfare.

Toddlers' Clinic on Mondays alternately at Arundel House
and Stoughton by the Medical Officer of Health.

Maternity and Child Welfare Clinics.—The Table sets out
the work of the Clinics during 1940.

Infant Welfare Centres :

Number of Centres provided and maintained by the
Council 3

Total number of children who first attended at the
Centres during the year and who on the date of
their first attendances were—

(1) Under 1 year of age	668
(2) Between the age of 1 and 5	1,023
	<hr/> 1,691

Total number of children under 5 years of age who
attended at the Centres during the year and
who at the end of the year were—

(1) Under 1 year of age	472
(2) Over 1 year of age	1,219
	<hr/> 1,691

Ante-Natal and Post-Natal Services: Ante- Post-
Natal. Natal.

1. Number of Clinics provided and maintained by the Council 1 1
(Combined owing to war conditions)
Number of Sessions held 99
2. Total number of new cases who attended at the Clinics during the year 327 136
Number of attendances 688 155

	Arundel House.	Stoughton.	Merrow.	Totals.
Number of Sessions ...	104	93	23	220
Number on Register—				
Expectant Mothers ...	—	—	—	—
Children over 1 year ...	552	607	92	1251
Children under 1 year...	204	205	31	440
Totals	756	812	123	1691
Attendances—				
Expectant Mothers ...	—	—	—	—
Children over 1 year ...	2156	2950	444	5550
Children under 1 year...	2479	2845	268	5592
Totals	4635	5795	712	11142
Average attendance per child	6.13	7.1	5.78	6.59
Average attendance per session	44.56	62.3	30.95	50.64
Interviews with Doctor ...	3115	3132	439	6686
Average per session ...	29.95	35.5	19.08	30.39
Numbers attending for first time—				
Children over 1 year ...	40	102	30	172
Children under 1 year...	150	218	41	409
Expectant Mothers ...	—	—	—	—
Numbers from outside the Borough—				
Children over 1 year ...	9	16	9	34
Children under 1 year...	6	18	1	25
Attendances	61	333	82	476

2,847 gallons of free, fresh milk were issued to Guildford and Evacuee mothers through the M.C.W. Clinics. 867 lbs. of dried food were also issued.

**Maternity and Child Welfare Dental Clinics,
January to December, 1940.**

MOTHERS.			CHILDREN.		
Cases	...	88	Cases	...	77
Attendances	...	423	Attendances	...	212
Extractions	...	953	Fillings in Temporary		
Local Anaesthetics	...	6	Teeth	...	84
N ² O	...	97	Temporary Teeth		
Fillings	...	49	Extracted	...	233
Scalings	...	5	Local Anaesthetics	...	—
Impressions	...	86	N ² O	...	91
Bites	...	39	Other Operations	...	8
Trials	...	40	X-Rays	...	2
Dentures	...	73			
Other Operations	...	6			
X-Rays	...	6			

Tuberculosis Dispensary.—The County Tuberculosis Officer attends at the Surrey County Council Dispensary, 49, Farnham Road. Practitioners can refer their suspicious cases to him or can request him to visit the patients' home and there meet the private doctor.

Venereal Diseases.—The County Council Clinic is held at the Royal Surrey County Hospital by one of the Assistant County Medical Officers who attends on Thursdays and Fridays from 5 till 7 p.m. to see males, and on Mondays from 5 till 7 p.m. for females.

Notification of Births.—The number of notified births was 1,173, and was 87 greater than the figure for 1939. Of these, 655 were residents and 518 non-residents.

The number of stillbirths was 15, 640 being live births; 325 were male and 315 female.

The birthrate per 1,000 of the estimated population was 13.04, compared with 14.53 for the previous year. The still-birthrate per 1,000 total population was 0.32 as against the figure of 0.5 for the country as a whole.

Child Life Protection.—No proceedings were taken under the Children and Young Persons Act, 1933.

Sixty-two visits were paid to foster children. Of these children there were 21 on the register at the end of 1940. The number of foster mothers registered was 18.

Hospital Provision.—In September 1940 it was thought necessary to close the Isolation Hospital, Woodbridge Hill. Since then cases have been sent to Ottershaw Isolation Hospital. Otherwise the position remains as before with two General Hospitals. Information concerning the work done by these hospitals during the year has been kindly supplied by the Secretary-Superintendent of the Royal Surrey County Hospital (Voluntary) and the Medical Superintendent of the Warren Road Hospital (Surrey County Council) as follows:—

Royal Surrey County Hospital.—

1. General Wards.

Admissions—	Men.	Women.	Children.	Total.
From the waiting list...	361	739	533	1,633
As emergencies ...	1,538	614	229	2,381
Totals ...	1,899	1,353	762	4,014

Discharges—

Patients resident on December 31st, 1939, and discharged in 1940 ...	...	...	...	175
Patients admitted and discharged in 1940 ...	...	...	...	3,751
Total ...	...	...	...	3,926

Average number of days resident in Hospital: 20.

Average number of beds occupied per day: 219.

2. Nightingale (Paying Ward).

Admissions—Men, 121; Women, 192; Total, 313.

Discharges—

Patients resident on December 31st, 1939, and discharged in 1940 ...	...	...	...	13
Patients admitted and discharged in 1940 ...	...	...	...	298
Total ...	...	...	...	311

Average number of days resident in Hospital: 17.

Average number of beds occupied per day: 15.

Warren Road Hospital.—Total admissions, 5,168; total deaths, 525; total discharges, 4,407; total deliveries, 519.

Woodbridge Isolation Hospital.—The Annual Report of the Medical Officer, who is also your Medical Officer of Health, is as follows:—

ADMISSIONS TO HOSPITAL DURING 1940.

District	Scarlet Fever	Diph- theria	Measles	Ty- phoid	Whoop- ing Cough	Acute Polio- myelitis	C. S. M.	Deaths
Guildford M.B. ...	79	47	1	3	—	—	14	Nil
Godalming M.B. ...	20	2	3	—	—	1	1	Nil
Guildford R.D. ...	49	8	5	—	1	—	13	Nil
Hambledon ...	21	2	—	—	—	—	2	Nil
(Total 272)	169	59	9	3	1	1	30	Nil

Midwifery and Maternity Services.

As agreed with the Corporation, the Queen's District Nursing Association maintained two midwives for district work in accordance with the arrangements made in pursuance of the Midwives Act, 1936.

Thirty midwives notified their intention to practise during 1940. Of these, 11 were Queen's midwives and 6 were private midwives nursing in the home. There are two others who work in private nursing homes in addition to the above. The remaining 13 are midwives employed at the Mount Alvernia Nursing Home who notified their intention to practise. One midwife employed by the Queen's Nurses left during the year. Two notifications were received from midwives intending to practise during war emergencies.

The Inspector of Midwives made 46 routine and 17 special visits, classified as follows:—

Visits to Independent Midwives:

Routine, 16; Special, 7.

Visits to Mount Alvernia:

Routine, 4; Special, 1.

Visits to Queen's Nurses:

Routine, 3; Special, 9.

Visits to patients at home: 23.

Analysis of 170 Medical Aid Forms received from the midwives shows that 89 were received from the Queen's Nurses Jarvis Maternity Home, of which 20 were on account of non-residents. 17 of these paid their own fees, and 36 of the residents paid theirs. From Mount Alvernia 23 forms were received, of which 11 persons were residents who paid their own fees, and 12 non-residents, of whom 11 paid their own fees. The Queen's Nurses sent in 31 medical aid forms from the district, all of which were on behalf of residents, and of these 17 paid their own fees. The remaining 3 forms were in respect of 3 evacuees who did not contribute towards the fees.

For the financial year ended March 31st, 1940, £81 2s. 0d. was expended by the Council in payment of doctors summoned in medical aid of midwives, and of this sum £15 16s. 7d. was recovered from the patients. For the financial year ended 31st March, 1941, £111 17s. 0d. was expended, of which £26 6s. 1d. was recovered.

Health Visiting.—The four Health Visitors during 1940 made 2,122 visits to infants, 2,802 to toddlers, and 85 ante-natal visits. Special visits paid were 192 to chicken pox cases, 188 to measles, 257 to scarlet fever contacts and 43 to diphtheria contacts, 160 to mumps and 20 to scabies cases, 12 to cerebro spinal fever, and 126 to German measles. Under the Infant Life Protection Act, 62 visits were paid to foster children. Of these children there were 21 on register at the end of 1940 and 18 foster mothers.

Supervision of Nursing Homes.—There are still six registered nursing homes in Guildford offering 98 beds. The accommodation offered by each Nursing Home is as follows:—

Jarvis Maternity Home of The			
Queen's Nurses ...	Maternity Beds ...	10	
Redbraes, London Road ...	Medical and Surgical		
	Beds ...	10	
Mount Alvernia, Harvey Road	Medical and Surgical		
	Beds ...	41	
	Maternity Beds ...	19	
Westfield, Epsom Road ...	Maternity Beds ...	7	
Onslow Village Nursing Home	Maternity or Medical		
	Beds ...	2	
Elmdon, London Road ...	Maternity or Medical		
	Beds ...	9	

Inspection of these homes is carried out annually, when the whole Home is inspected, records checked, cards seen,

staff checked, and all conditions of decoration, efficiency of working, are gone into. Re-visits and consultations with the Matrons are carried out at any time during the year should any special circumstances arise, such as a maternity case becoming infected or showing a rise of temperature.

With regard to possible unregistered Homes, these are discovered at times by advertisements in the local press, etc., and steps are taken to deal with them adequately.

Sanitary Circumstances of the Area.

Water.—During the year twenty samples were taken for chemical and bacteriological examination, of which eleven were from Millmead and Ladymead Boreholes, the remaining nine being from various taps in the Borough. The results of these analyses proved to be consistent with a pure and wholesome water, suitable for a public supply.

Drainage and Sewerage.—During 1940, the contract for the main sewerage of Burpham was continued. It is anticipated that this work will be completed by the summer of 1941.

The relaying of the old stoneware sewer in Walnut Tree Close has been carried out in cast iron. This sewer was in a very poor condition and a serious amount of infiltration was taking place as a result.

The sewerage system has had to deal with a greatly increased load this year as a result of the evacuee population. This has put the total population up to some 60,000 from an original figure of about 40,000. Some difficulties have been experienced with cesspool emptying from the same cause, although, with the Burpham sewers soon to be in operation, the available cesspool-emptying capacity will again be adequate.

At the end of 1940 there were 546 cesspools, distributed as under :—

Burpham, 268.

Merrow, 159.

Rydes Hill and Worplesdon, 45.

St. Martha's and Warwicks Bench, 34.

Miscellaneous (including Abbotswood), 40.

Swimming Baths.—The water at the Castle Street Baths and the open-air pool was analysed on several occasions during the bathing season and found satisfactory.

SANITARY INSPECTOR'S REPORT.

To the Mayor and Corporation of the Borough of Guildford.

HEALTH DEPARTMENT,
MUNICIPAL OFFICES,
GUILDFORD.

MADAM AND GENTLEMEN,

I herewith present my Twenty-third Annual Report as Sanitary and Housing Inspector for the Borough of Guildford.

In accordance with the requirements of the Ministry of Health and Home Office, details of the inspections, notices served and action taken are set out as usual in tabulated form.

The Sanitary Inspection staff was depleted by one of the district Sanitary Inspectors (Mr. E. N. Jones) being engaged on the billeting of evacuees and on air raid precautions work.

The routine work of Housing Inspections has declined in consequence, but the amount of meat inspection was greatly increased by the centralisation of slaughtering in four selected slaughterhouses in the Borough by the Ministry of Food. Owing to the congested state of the slaughterhouses at times the inspections were carried out under very difficult conditions at all hours of the day and night.

The Council has nominated me to carry out the food inspection duties for dealing with cases of gas contaminated food-stuffs as required by the Ministry of Food.

SUMMARY OF ROUTINE AND OTHER SANITARY WORK CARRIED OUT.

Ordinary Inspections (including infectious disease enquiries)	...	...	...	...	...	868
House to House Inspections	...	...	...	...	...	43
Appointments and Advisory Visits	...	...	...	...	...	201
House and Premises re-inspected	...	...	...	...	...	1,696

Inspections of Slaughterhouses	...	...	...	...	1,958
„ Food Shops	...	...	...	...	764
„ Kitchens	...	...	...	...	170
„ Cowsheds, Dairies and Milk Shops	...	...	...	...	139
„ Bakehouses	...	...	...	...	80
„ Common Lodging Houses	...	...	...	...	17
„ Outworkers' Premises	...	...	...	...	4
„ Factories	...	...	...	...	155
„ Offices	...	...	...	...	146
„ Stables	...	...	...	...	21
„ Cattle Market	...	...	...	...	49
„ North Street Market	...	...	...	...	125
„ Offensive Trades	...	...	...	...	153
„ Rat-infested Premises	...	...	...	...	43
„ Places of Amusement	...	...	...	...	4
„ Urinals	...	...	...	...	49
Water Sampling	...	...	...	...	23
Inspections of Carriers Vans	...	...	...	...	43
„ Cesspools	...	...	...	...	25
„ Ice Cream Premises	...	...	...	...	114
„ Piggeries	...	...	...	...	16
„ Rivers Pollution	...	...	...	...	9
„ Shops Act	...	...	...	...	7
„ Canal Boats	...	...	...	...	6
„ Military Billets	...	...	...	...	901
Smoke Observations	...	...	...	...	7
Miscellaneous Visits	...	...	...	...	470
Total Number of Inspections					8,283

COMPLAINTS.

Animals kept so as to be a Nuisance	...	...	...	...	3
Accumulation of refuse, manure, etc.	...	...	...	...	21
Drains out of repair or stopped	...	...	...	...	94
Dirty condition of houses	...	...	...	...	47
Damp condition, defective roofs, gutters, etc.	...	...	...	...	54
Dilapidation in houses	...	...	...	...	58
Defective sinks, etc.	...	...	...	...	9
Smoke nuisances	...	...	...	...	2
Overcrowding	...	...	...	...	9

Rat-infested premises	...	...	...	...	...	20
Water closets out of repair, etc.	...	...	...	...	...	48
Dustbins defective or insufficient...	...	...	...	...	...	72
Verminous rooms or premises	...	...	...	...	...	21
Nuisance from cesspools	...	...	...	...	...	17
Other complaints	...	...	...	...	...	59
Total	...	...	...	...	...	534

NOTICES SERVED.

Statutory Notices Served :—

Public Health Act, 1936, Section 39, Notice Requiring Works of Drainage	...	...	...	...	...	2
Public Health Act, 1936, Section 75, to provide suitable dustbin	...	...	...	...	...	4
Public Health Act, 1936, Section 50, Requirements with regard to a Cesspool	...	...	...	...	...	1
Housing Act, 1936, Section 9, to Execute Works to Render House Fit	...	...	...	...	...	4
Housing Act, 1936, Section 10(2), Notice of Intention to Enter and Execute Works	...	...	...	...	...	5
Guildford Corporation Act, 1936, S.100, to Unstop Drains	...	...	...	...	...	17
						<u>33</u>
Intimation Notices Served	...	...	...	...	...	415
Second Notices Served	...	...	...	...	...	67
Letters re Report to Committee	...	...	...	...	...	7
Letters written in reference to Notices	...	...	...	...	...	150
Letters regarding Miscellaneous Matters	...	...	...	...	...	148

RESULT OF THE SERVICE OF NOTICES.

Statutory Notices complied with	...	...	...	...	11
Informal Notices complied with (including verbal notices)	...	...	...	...	481
Of this number, 95 notices were served before 31st December, 1939. The remaining outstanding Notices are being dealt with.					

SUMMARY OF WORK CARRIED OUT UNDER SANITARY NOTICES, ETC.

Drainage.

Defective drains repaired	7
Defective drains re-constructed	2
Stopped drains cleared (soil)	69
Stopped drains cleared (surface water)	6
New ventilating shafts and soil pipes provided or re-constructed	10
Defective soil or ventilating shafts repaired	6
Manhole and inspection chamber covers provided	6
Manhole and inspection chambers provided	10
Drains tested with smoke	29
Drains tested chemically	5
Drains tested with water	9
Stoneware gullies provided	6
Stoneware drains laid, 4in. ... ..feet	47
Fresh air inlets provided or repaired	4
Cesspools made watertight	8
Premises connected to public sewer	4
Cesspools abolished	4

Water Closets.

Additional water closets provided	8
New pans provided... ..	23
Water closets unstopped, cleansed or repaired... ..	13
New flushing cisterns provided or repaired	27
New seats provided	12
Wooden enclosures removed	8
Other repairs	42

Sanitary Fittings, Sinks, Baths, etc.

New glazed sinks provided	7
Waste pipes repaired, trapped or unstopped	12
Urinals cleaned or repaired	3
Sink channels provided or repaired	8

Lavatory basins provided	1
Chemical closets provided... ..	2

Dilapidations and Dampness.

House roofs, eaves, gutters, rainwater pipes, etc., repaired	83
Defective ceilings repaired or renewed	12
Defective internal walls repaired... ..	6
Defective floors repaired or renewed	19
Defective windows repaired or renewed	12
Windows provided	5
Stoves or coppers renewed or repaired	32
Doors repaired or renewed	6
Rooms cleansed, re-distempered or re-papered... ..	111
Yards paving repaired	6
Sashcords renewed	24
External walls repaired	3
Stairs repaired	3
External walls rendered with cement	3
External walls coated with solution outside	2
Walls internally rendered with waterproof cement	20
Walls pointed	5
Damp-proof courses provided	2
Cement plinths provided	3
Other repairs	18

House Refuse.

New dustbins provided	108
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Miscellaneous.

Ventilation under floors provided	2
Permanent means of ventilation provided to rooms	11
Accumulation of refuse, manure, etc., removed	28
Handrails provided	3
Food-stores provided	3
Verminous rooms cleansed	19
Rat-infested premises cleared	13
Water supplies provided or repaired	2
Number of rooms sprayed or fumigated	404
Dairies limewashed	11
Cowsheds limewashed	15
Slaughterhouses limewashed	12
Bakehouses limewashed	20
Nuisances from animals abated	6
Other defects remedied	34

INSPECTION AND SUPERVISION OF FOOD.

Registration of Premises used for Preparation and Manufacture of Sausages.—Under the provision of Section 14 of the Food and Drugs Act, 1938, which came into force on 1st October, 1939, 26 applications were received for registration of premises used in connection with the preparation and manufacture of sausages and preserved food.

Seven of the premises were not considered suitable, being situated in cellars, and the applicants were given notice to appear before the Health Committee. Four of the applicants agreed to remove their sausage machines from the cellars to rooms on ground floor level, which was done, and the premises subsequently registered. In the three remaining cases it was agreed to register the premises on receipt of an undertaking that alternative accommodation would be provided immediately these premises were released by the Ministry of Food.

Thirty-one applications were received for the registration of premises for the manufacture or sale of ice cream. All were found suitable and registration granted.

BACTERIOLOGICAL EXAMINATION OF MILK, 1940.

For the purpose of ascertaining the degree of cleanliness and for the detection of tuberculosis of the milk supply 81 samples of milk were taken from the various sources of supply and submitted to the Royal Surrey County Hospital Laboratories for examination.

In the case of raw milk the standard of accredited milk is taken as the standard to be aimed at. Judging by this, 71 samples passed the methylene blue reduction and coliform tests, only 10 samples failing these tests. In addition the samples were submitted to biological examination and in 4 samples tubercle bacilli were detected. These were referred to the Surrey County Council to be dealt with by the Veterinary Inspector of the Ministry of Agriculture.

Report on the Administration of the Factory and Workshops Act, 1901, and the Factories Act, 1937.

1.—INSPECTIONS for the purposes of Provisions as to Health.

Premises.	Inspections.	Number of Written Notices.	Occup. Pros.
Factories with mechanical power ...	64	6	Nil
Factories without mechanical power...	91	5	Nil
Other premises under the Act (including works of buildings and engineering construction but not including outworkers' premises) ...	Nil	Nil	Nil
Total ...	155	11	Nil

2.—DEFECTS FOUND.

Particulars.	Number of Defects		Ref'd to H.M. Inspector.	No. of defects in respect of which prosecutions were instituted.
	Found.	R'died.		
Want of cleanliness (S.1)...	1	1	Nil	Nil
Overcrowding (S.2) ...	Nil	Nil	Nil	Nil
Unreasonable temperature (S.3) ...	1	1	Nil	Nil
Inadequate Ventilation (S.4)	Nil	Nil	Nil	Nil
Ineffective drainage of floors (S.6) ...	1	1	Nil	Nil
Sanitary conveniences (S.7)—				
Insufficient ...	Nil	Nil	Nil	Nil
Unsuitable or defective	3	3	Nil	Nil
Not separate for sexes	Nil	Nil	Nil	Nil
Ventilated lobbies required ...	4	4	Nil	Nil
Other offences* ...	4	4	Nil	Nil
Total ...	14	14	Nil	Nil

(*Not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937.)

SLAUGHTERHOUSES.

Licences were granted to the occupiers of seven slaughterhouses under the Food and Drugs Act, 1938, without prejudice to any further action that the Local Authority may desire to take.

Unfortunately, conditions arising as a result of the outbreak of the war made any other action impossible. After the war the position can be reviewed in the light of existing circumstances. The centralisation of slaughtering in the Borough by the Government has made the need of the long deferred Public Abattoir scheme more apparent.

The following Table shows the number of carcasses inspected and the carcasses, offals, etc., which were surrendered and destroyed in consequence of inspection :

	Cattle, excluding Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.
Number killed ...	5,283	1,643	2,257	30,476	1,479
Number Inspected ...	5,283	1,643	2,257	30,476	1,479
All Diseases except Tuberculosis—					
Whole carcasses con- demned ...	2	6	2	83	19
Carcasses of which some part or organ was condemned ...	358	121	3	233	83
Percentage of the number inspected affected with disease other than Tuberculosis ...	6.81	7.73	0.22	1.03	6.89
Tuberculosis only—					
Whole carcasses con- demned ...	7	55	1	—	4
Carcasses of which some part or organ was condemned ...	559	620	1	—	61
Percentage of the number inspected affected with Tu- berculosis ...	10.71	41.08	0.09	0.00	4.46

CATTLE (excluding Cows)—

7 Carcases (with offals)...	Generalised T.B.
2 Carcases (with offals)...	Pyrexia, Acute.
207 Heads and Tongues ...	Localised T.B.
26 Heads	Abscess.
3 Tongues	Actinomycosis.
38 Quarters	Localised T.B.
11 Flanks	" "
6 Clod and Sticking ...	" "
1 Clod and Sticking ...	Bruised.
1 Chine	Localised T.B.
9 Briskets	" "
9 Skirting	" "
1 Buttock	" "
1 Hindquarter	Bone Taint.
1 Leg	"
29 lbs. Beef	Bomb Injuries.
53 lbs. Miscellaneous Trimmings	Localised T.B.
1,979 lbs. of Beef	Unsound.
1,161 Parts of offal	

COWS—

55 Carcases (with offals)...	Generalised T.B.
2 Carcases (with offals)...	Johnes Disease, with emaciation.
4 Carcases (with offals)...	Emaciation and Oedema.
169 Heads and Tongues ...	Localised T.B.
12 Heads	Actinomycosis.
6 Tongues	" "
1 Shin	Localised T.B.
7 Clod and Sticking ...	" "
*13 Flanks	" "
30 Quarters	" "
1 Quarter	Injury.
8 Briskets	Localised T.B.
15 Skirting	" "
1,144 Parts of offal	

PIGS—

4 Carcases (with offals)...	Generalised T.B.
4 Carcases (with offals)...	Oedema.
2 Carcases (with offals)...	Septicaemia.
1 Carcase (with offal) ...	Moribund.
1 Carcase (with offal) ...	Peritonitis.
10 Carcases (with offals)...	Swine Fever.
1 Carcase (with offal) ...	Acute Fever.
2 Belly Pieces	Oedema.
37 Legs	Injuries.
79 lbs. Pork	Unsound.
1 Head and Tongue	„
300 lbs. Pluck	„
139 Parts of offal	

CALVES—

1 Carcase (with offal) ...	Generalised T.B.
1 Carcase (with offal) ...	Oedema.
1 Carcase (with offal) ...	Multiple Injuries.
1 Head and Tongue ...	Localised T.B.
4 lbs. Veal	Unsound.
3 parts of offal	

SHEEP—

43 Carcases (with offals)...	Oedema and emaciation.
29 Carcases	Extensive Mould.
7 Carcases (with offals)...	Moribund.
2 Carcases (with offals)...	Injuries.
2 Carcases (with offals)...	Gangrenous Pneumonia.
1 Carcase (with offal) ...	Unsound.
1 Quarter	Injury.
10 Legs	Injuries.
2 Flanks	Oedema.
1 Quarter	Unsound.
331 Parts of offal	

POULTRY—

1 Chicken	Unsound.
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FISH—

14 lbs. Cod Roes ...	Unsound.
1 Box of Witch Soles ...	„
3 stone of Skate ...	„
2 boxes of Roes ...	„
64 lbs. of Pollock ...	„
21 stone Cod fillets...	„
55 lbs. of Haddock ...	„
14 lbs. of Catfish ...	„
35 lbs. of Mackerel ...	„
2 stone of Halibut ...	„
12 boxes of Herrings ...	„
28 boxes of Kippers ...	„
1 bag of Whelks ...	„

MISCELLANEOUS—

56 lbs. Ox Kidneys ...	Unsound.
313 lbs. of Bacon ...	„
5 dozen Eggs ...	„
112 lbs. of Potatoes...	„
24 Rabbits ...	„
1 dozen Pastries ...	„
34 lbs. of Cheese ...	„
173 tins of Food ...	„
118 lbs. of Sausages ...	„
288 Fish Cakes ...	„
1 Veal and Ham Pie ...	„
3 Meat Pies ...	„
11 Pork Pies ...	„
18 Egg Pies ...	„

2,769 livers, lungs and other internal organs of animals which were, on examination, found to be diseased or unsound, were surrendered and destroyed.

The total weight of the food destroyed during the year was 39 tons, 14 cwts., 1 qr., 12 lbs.

I am, Madam, Gentlemen,

Your obedient Servant,

F. G. ENGLAND, M.R.San.I.,
Chief Sanitary Inspector.

Housing.

1.—Inspection of Dwelling Houses during the year.

1. (a) Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	261
(b) Number of inspections made for the purpose ...	261
2. (a) Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing (Consolidated) Regulations, 1925	62
(b) Number of inspections made for the purpose ...	62
3. Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
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	202

2.—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	159
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3.—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 ...	2
2. Number of dwelling houses which were rendered fit after service of formal Notices—	
(a) By owners	2
(b) By Local Authority in default of owners	5

B.—Proceedings under Public Health Acts—

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

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 | ... .. | Nil |
| 2. Number of dwelling houses demolished in pursuance of Demolition Orders | ... .. | Nil |

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 | ... .. | Nil |
| 2. Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit | ... .. | Nil |

E.—Proceedings under Ministry of Health Circular 2156—

- | | |
|--|---|
| Number of houses licensed for temporary occupation | 3 |
|--|---|

Food and Drugs Act, 1938.

The report of Mr. Holroyd, the Inspector under the Sale of Food and Drugs Acts, is as follows:—

124 samples were taken during the year. All these were found genuine on analysis with the exception of one sample of curry powder and two samples of milk, one of the latter being deficient in milk solids and the other slightly deficient in milk fat. Cautions were administered in respect of these samples.

Prevalence of, and Control over, Infectious and other Diseases.

The notifications for 1940 of infectious disease are tabulated below. No disease caused any trouble at all during the year.

Scarlet Fever.—Eighty-seven cases were notified, of which 8 were nursed at home. This figure shows an increase of 45 as compared with that of 1939, and is undoubtedly due to the increased child population resulting from the evacuation scheme. Monthly notifications were as follows: 10, 0, 5, 5, 16, 7, 14, 7, 7, 5, 8, 3. The number of school children amounted to 60, the remainder being over 14 years old. There were no deaths from this cause during the year.

Diphtheria.—Forty cases were notified, consisting of 32 children under 14 years old and 8 above this age. This figure shows an increase of 34 as compared with that of 1939, and is again probably due to the increased child population of the town. Monthly notifications were as follows: 0, 0, 3, 0, 1, 0, 1, 0, 1, 10, 8, 16. It will be seen that the majority of the cases occurred during the last quarter. Four cases proved fatal.

During 1940 1,312 children were immunised; of these, 351 were toddlers and 961 school children.

Puerperal Pyrexia.—Ten cases were notified and 7 cases admitted to hospital. There were no deaths from this disease. There were, however, 4 deaths from other puerperal causes. The causes of death as stated on the certificate were as follows:—

1. Patient aged 40. (i) Obstetric shock. (ii) Post partum haemorrhage. (iii) Retained placenta.
2. Patient aged 28. (i) Acute pulmonary oedema. (ii) Congestive cardiac failure.
3. Patient aged 26. (i) Paralytic ileus. (ii) Caesarean section. (iii) Obstructed labour.
4. Patient aged 31. (i) General peritonitis. (ii) Ruptured uterus and attempted forceps delivery.

The cases numbered 1, 2 and 4 received ante-natal examination, but there is no evidence of such examination with regard to Case No. 3. Cases numbered 1 and 2 were Guildford residents.

Pneumonia.—There were 44 cases of pneumonia notified. Death occurred in 40 cases.

Measles.—Two hundred and eighty-three cases were notified, as compared with 2 during 1939. This apparent increase is due to the fact that measles was not a notifiable disease during the greater part of 1939.

Cerebro-spinal Fever.—Forty-five cases of this disease were notified, 12 cases being members of His Majesty's Forces and 23 civilian. Fourteen cases were admitted to the Isolation Hospital, and there were five deaths recorded. This increase was no doubt due to the more congested living conditions existing within the Borough.

**Notifiable Diseases (other than Tuberculosis)
during the year 1940.**

Disease.			Total Cases Notified.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever	...	...	87	79	—
Diphtheria	...	...	40	38	4
Puerperal Pyrexia	...	...	10	7	—
Pneumonia	...	...	44	34	40
Erysipelas	...	...	12	—	—
Enteric Fever	...	...	4	3	—
Cerebro Spinal Fever	...	...	45	14	5
Ophthalmia Neonatorum	...	...	4	4	—
Acute Poliomyelitis	...	...	2	—	—
Measles	...	...	283	1	1
Whooping Cough	...	...	11	—	—
Totals	...	...	542	180	50

Tuberculosis: New Cases and Mortality during 1940.

Age. Periods.	NEW CASES					DEATHS				
	Pulmonary		Non-Pulmonary			Pulmonary		Non-Pulmonary		
	M.	F.	M.	F.		M.	F.	M.	F.	
0 ...	—	—	—	—	...	—	—	—	—	...
1-5 ...	—	—	—	1	...	—	—	—	—	...
5-10 ...	1	—	1	2	...	—	—	—	—	...
10-15 ...	1	—	1	1	...	—	—	—	—	...
15-20 ...	5	3	1	2	...	—	—	—	—	...
20-25 ...	5	5	1	1	...	1	1	—	—	...
25-35 ...	12	10	1	1	...	3	2	—	—	...
35-45 ...	10	7	1	1	...	1	1	—	—	...
45-55 ...	5	2	—	—	...	3	—	—	—	...
55-65 ...	2	3	—	—	...	1	—	—	—	...
65 and over ...	2	—	—	—	...	1	1	—	—	...
Totals ...	43	30	6	9	...	10	5	—	—	...

No action was necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from pulmonary tuberculosis employed in the Milk trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to hospital of persons suffering from tuberculosis).

Total Cases of Infectious Diseases in Age Groups.

Disease.	Under 1.	1-2.	2-3.	3-4.	4-5.	5-10.	10-15.	15-20.	20-35.	35-45.	45-65.	65 and over.	Cases admitted to Hospital.	Total Deaths.
Scarlet Fever ...	—	—	6	1	6	30	19	8	16	1	—	—	79	—
Diphtheria ...	1	—	2	2	4	19	3	7	2	—	—	—	38	4
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	9	1	—	—	7	—
Pneumonia ...	—	—	1	1	1	5	—	4	11	4	14	3	34	40
Erysipelas ...	—	—	—	—	—	—	1	—	1	3	4	3	—	—
Enteric Fever ...	—	—	—	—	—	1	1	1	—	1	—	—	3	—
Cerebro Spinal Fever ...	1	3	1	2	3	4	—	5	19	4	3	—	14	5
Ophthalmia Neonatorum...	4	—	—	—	—	—	—	—	—	—	—	—	—	—
Acute Poliomyelitis ...	—	—	—	—	1	1	—	—	—	—	—	—	—	—
Measles ...	2	7	20	9	20	120	29	45	21	9	1	—	1	1
Whooping Cough ...	—	—	—	1	4	6	—	—	—	—	—	—	—	—
Totals ...	8	10	30	16	39	186	53	70	79	23	22	6	176	50



