

[Report 1940] / Medical Officer of Health, Bebington Borough.

Contributors

Bebington (England). Borough Council.

Publication/Creation

1940

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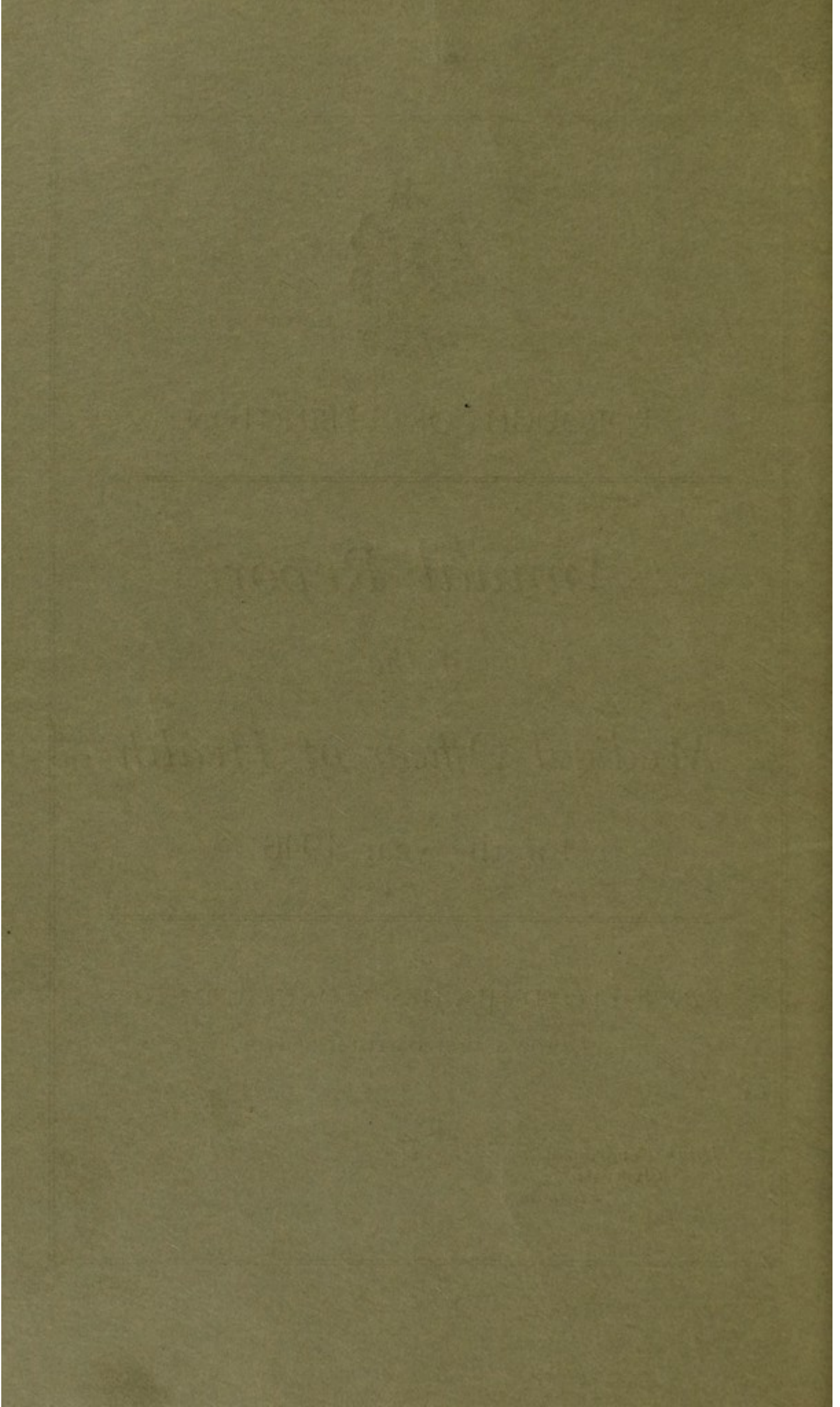


BOROUGH OF BEBINGTON

Annual Report
of the
Medical Officer of Health
for the year 1940

By T. LLOYD HUGHES, M.D., Ch.B., D.P.H.,
of Gray's Inn, Barrister-at-Law.

*Health Department,
Plymyard,
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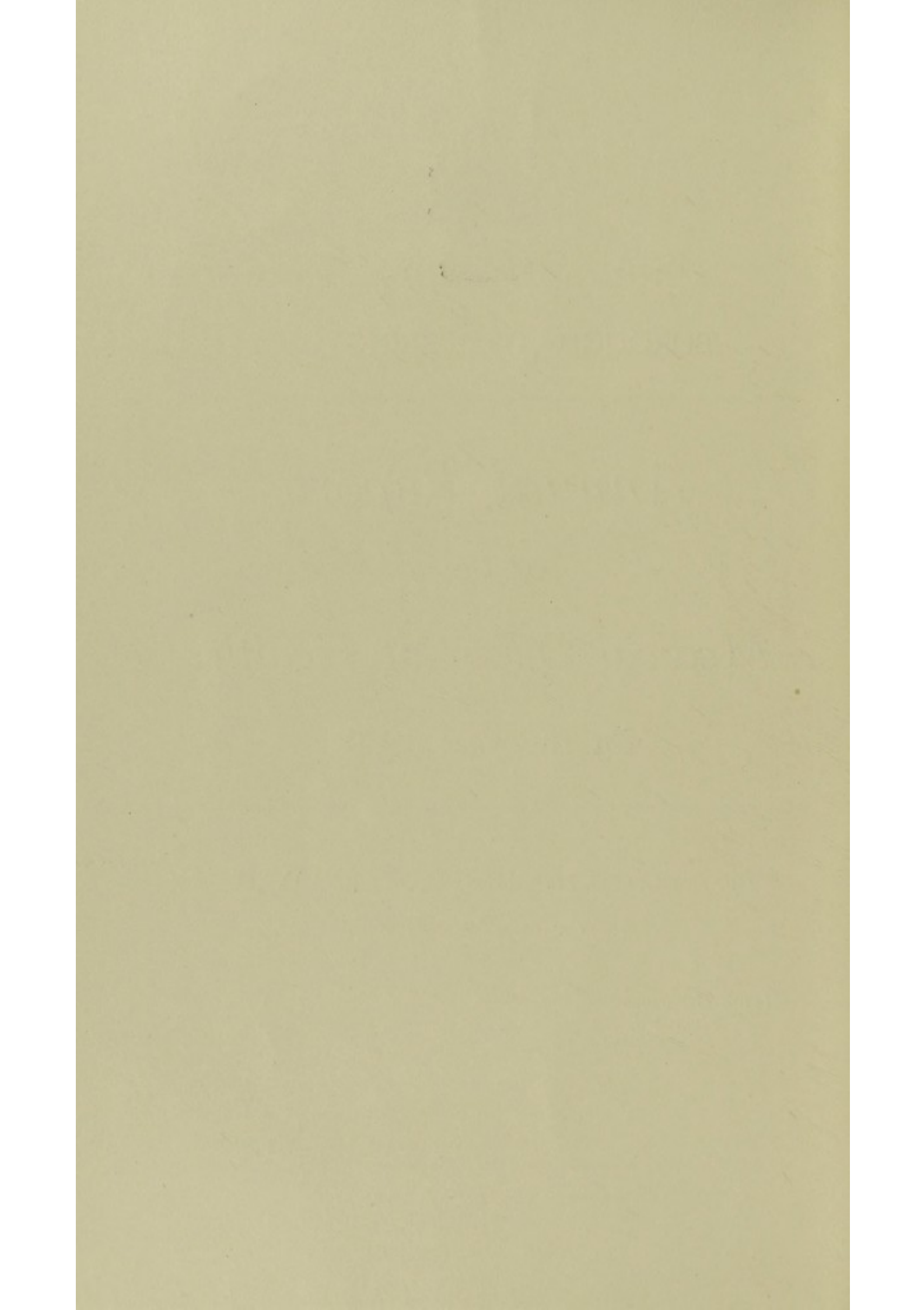


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Annual Report, 1940.

To the Chairman and Members of the Health Committee

MR. CHAIRMAN AND GENTLEMEN,

I beg to present to you the Annual Report on the Health of the Borough of Bebington for 1940.

In accordance with the request of the Ministry of Health this Report is an interim one confined to essential statistics, with notes on certain points of importance in relation to the Public Health of the Borough, which have arisen during the year.

The work of this Department has been carried out under those difficulties which have attended the work of all Health Departments on Merseyside. Calls of Civil Defence Services have been very heavy and the Department has been concerned not only with the Casualty Services, but also with attempts to carry on so far as possible the normal health and clinic work of the Borough.

The vital statistics revealed in the Report again show a rise in the estimated population, which now stands at 43,180. The Birth Rate for the year was 13.48, as compared with 18.61 for 1939. The Death Rate is higher than that for 1939, and the Infantile Mortality Rate is considerably above that of last year and an analysis of the causes of infant deaths with certain comments thereon will be found in the Report.

The scheme for Diphtheria Immunisation of all school children was commenced during the year, and under this scheme 1,997 children were immunised during the year. This is in addition to 207 children immunised at the Welfare Centres. This work is still in progress, and further propaganda is being made and further sessions are being held.

Immunisation against the Enteric Group of fevers has also been carried out and is provided free, but up to now only a small number of persons have availed themselves of these facilities.

I should like to express my grateful thanks to the Chairman and Members of the Committee for their interest and support in the work of the Department, and to the Heads of other Departments and my colleagues in this Department, who have given me much loyal assistance and consideration.

I am, Mr. Chairman and Gentlemen,

Your obedient Servant,

T. LLOYD HUGHES,

Medical Officer of Health.

Statistics and Social Conditions of the Area.

Area (in acres)	12,244
Estimated Resident Population (Mid Year, 1940)	43,180
Number of Inhabited Houses (end of 1940)	12,780
Rateable Value	£352,181
Product of Penny Rate	£1,390

Births.

Number of Live Births :—

	For Infant Mortality Rate, etc.			For Birth Rates.		
	Male.	Female.	Total.	Male.	Female.	Total.
Legitimate ...	336	333	669	336	331	667
Illegitimate ...	8	7	15	8	7	15
Total ...	344	340	684	344	338	682

Number of Still Births :—

	Male.	Female.	Total.
Legitimate	19	16	35
Illegitimate	3	—	3
Total	22	16	38

Total Number of Births (Live and Still) :—

For Infant, Mortality, Maternal Mortality and other Rates.			For Birth Rate.		
Male.	Female.	Total.	Male.	Female.	Total.
366	356	722	366	354	720

Deaths.

Male.	Female.	Total.
254	216	470

Deaths from :—

Puerperal Sepsis ...	...	...	...	...	...	...	2
Other Puerperal Causes			...	...	...	...	1
All Puerperal Causes	...	...	...	...	...	...	3
Typhoid and Paratyphoid Fevers			...	...	...	...	—
Measles ...	...	...	...	...	...	...	1
Whooping Cough...	...	...	...	...	...	...	—
Scarlet Fever	...	...	...	...	...	...	—
Diphtheria	...	...	...	...	...	...	5
Influenza ...	...	...	...	...	...	...	10
Diarrhœa (under 2 years)			...	...	...	...	4
Cancer	...	...	...	...	...	...	45

Deaths (under 1 year):—

					Male.	Female.	Total.
Legitimate	...	...	...	...	29	17	46
Illegitimate	...	...	...	...	—	—	—
Total	...	...	...	...	29	17	46

Birth Rates and Death Rates, 1940.

							</		

Whooping Cough	...	0.00	...	0.02	...	0.02	...	0.02
Diphtheria	...	0.11	...	0.06	...	0.07	...	0.05
Influenza	...	0.23	...	0.32	...	0.29	...	0.30

Rates per 1,000 Live Births.

Deaths under 1 year of age	67.2	...	55.	...	61.	...	54.
Deaths from Diarrhoea and Enteritis under 2 years of age	5.9	...	4.6	...	5.9	...	4.4

Maternal Mortality—

Puerperal Sepsis	...	2.9	...	—	...	—	...	—
Others	...	1.49	...	—	...	—	...	—
Total	...	4.68	...	—	...	—	...	—

Rates per 1,000 Total Births (Live and Still).

Maternal Mortality—

Puerperal Infection	...	2.77	...	0.52	...	—	...	—
Others	...	1.38	...	1.64	...	—	...	—
Totals	...	4.15	...	2.16	...	—	...	—

Death Rate of Infants under 1 year.

All Infants per 1,000 Total Live Births	...	67.20
Legitimate Infants per 1,000 Total Live Legitimate Births	...	68.7

Comparative Rates.

	Bebington, 1939.	Bebington, 1940.	England and Wales, 1940.
Birth Rate (Live Births)	18.61	13.48	14.6
Death Rate	9.38	10.88	14.3
Infant Mortality Rate	43.53	67.20	55.0
Maternal Mortality Rate	2.47	4.15	2.16

Causes of Death.

Based on Registrar General's Short List of Causes of Death.

All Causes.	M.	F.	Total.
1. Typhoid and Paratyphoid Fevers ...	—	—	—
2. Cerebro-spinal Fever ...	2	—	2
3. Scarlet Fever ...	—	—	—
4. Whooping Cough ...	—	—	—
5. Diphtheria ...	3	2	5
6. Tuberculosis of Respiratory System ...	8	5	13
7. Other forms of Tuberculosis... ..	3	1	4
8. Syphilitic Diseases ...	1	1	2
9. Influenza... ..	4	6	10
10. Measles ...	—	1	1
11. Acute polio-myelitis and polio-encephalitis	—	—	—
12. Acute inf. encephalitis ...	1	—	1
13m Cancer of Buccal Cavity and Oesophagus	6	—	6
13f Cancer of Uterus ...	—	3	3
14. Cancer of Stomach and Duodenum... ..	10	6	16
15. Cancer of Breast ...	—	8	8
16. Cancer of all other sites ...	21	16	37
17. Diabetes ...	1	4	5
18. Intra-cranial Vascular Lesions ...	19	15	34
19. Heart Disease ...	64	51	115
20. Other Disease of Circulatory System ...	3	5	8
21. Bronchitis ...	13	21	34
22. Pneumonia ...	17	9	26
23. Other Respiratory Diseases ...	4	1	5
24. Ulcer of Stomach or Duodenum ...	4	1	5
25. Diarrhoea (under 2 years) ...	3	1	4
26. Appendicitis ...	2	—	2
27. Other Digestive Diseases ...	3	7	10
28. Nephritis ...	5	7	12
29. Puerperal and post-abortive sepsis... ..	—	2	2
30. Other maternal causes ...	—	1	1
31. Premature Birth ...	7	5	12
32. Congenital Malformations, Birth Injury, Infantile Disease ...	7	5	12
33. Suicide ...	—	4	4
34. Road Traffic Accidents ...	4	—	4
35. Other Violent Causes ...	22	12	34
36. All other Causes ...	17	16	33
TOTAL	254	216	470

Table of Infantile Mortality.

Year.						Rate per 1,000 Births.
1922	...	...	...	...	...	64.0
1923	...	...	...	...	...	47.2
1924	...	...	...	...	...	43.9
1925	...	...	...	...	...	62.0
1926	...	...	...	...	...	68.0
1927	...	...	...	...	...	36.0
1928	...	...	...	...	...	45.0
1929	...	...	...	...	...	54.0
1930	...	...	...	...	...	74.0
1931	...	...	...	...	...	45.0
1932	...	...	...	...	...	55.0
1933	...	...	...	...	...	61.0
1934	...	...	...	...	...	48.0
1935	...	...	...	...	...	62.8
1936	...	...	...	...	...	50.0
1937	...	...	...	...	...	49.0
1938	...	...	...	...	...	40.0
1939	...	...	...	...	...	43.53
1940	...	...	...	...	...	67.2

(England and Wales—55.0)

The above figures show a considerable increase in the Infantile Mortality Rate for 1940, as compared with previous years, being higher than that for any year since 1922, except in 1926, when the rate was 68.0, and in 1930, when the rate was 74.0.

Analysis of the figures is given below :—

Total number of deaths of infants during the twelve months in 1940 was 46. Of the 46, 22 were neo-natal deaths. These were distributed as follows :—

Neo-natal Deaths.

Congenital Heart	3
Prematurity	10
Inertia	1
Inanition	3
Bronchitis	1
Asphyxia Neonatorum	1
Icterus Neonatorum	1
Atelectasis... ..	2
	<hr/>
	22
	<hr/>

The other 24 deaths were caused as follows:—

Spina Bifida	1
Intussusception	1
Broncho Pneumonia	9
Prematurity	1
Cerebro-spinal Fever	1
Gastro Enteritis	4
Convulsions	1
Leucaemia	1
Pyloric Stenosis	1
Streptococcal Meningitis... ..	1
Asphyxia	1
Mastoiditis	1
T.B. Meningitis	1
	<hr/>
	24
	<hr/>

The figure for neo-natal deaths are high and, as can be seen, are mainly due to prematurity and congenital defects. It is considered that wartime conditions have been a contributory factor to some of the cases of prematurity.

In the case of older infants, broncho-pneumonia accounted for 9 deaths, and these were undoubtedly in part the result of the severe winter experienced in the early months of 1940. To what extent the increase in consumption of raw milk by children has played a part in this high Infant Mortality Rate is not clear, but it is suggested that in the interests of Child Health, the milk supplied under the various cheap milk schemes should be of the pasteurised type in order to avoid any of these infections in young infants. The increased consumption of raw liquid milk by young infants is a retrograde step, unless the quality of the milk can be safeguarded.

Maternity and Child Welfare.

The following summary is based upon information and figures supplied by Miss A. Owen, Senior Health Visitor:—

(1) MATERNITY SERVICES.

Consultant Obstetrician—Mr. M. Datnow.

1. Ante-Natal Clinic.

Total Sessions held...	...	...	...	...	51
Number of new cases examined ...	...	...	...	...	298
Re-examinations ...	...	...	...	...	1,186
Total attendances ...	...	...	...	...	1,484

Average attendances per session—29.

44% of total Births in the Borough attended the Ante-Natal Clinic.

2. Post-Natal Clinic.

Total Sessions held...	...	...	...	...	12
Number of new cases examined ...	...	...	...	...	69
Re-examinations ...	...	...	...	...	31
Total attendances ...	...	...	...	...	100

(2) INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

There are no institutions provided by the Borough itself, but by arrangement mothers and sick babies receive treatment at the County General Hospital, Clatterbridge. Babies under 3 years are sent by arrangement to the Hoylake Babies' Hospital, and toddlers from 3 to 5 years are sent to the West Kirby Convalescent Home.

(3) HEALTH VISITING.

Two of the Health Visitors were married during the year, but have been able by special arrangement to continue with their work. This has meant the continuity of the work without interruption.

NUMBER OF VISITS PAID.

To Expectant Mothers (first visits 223)...	...	...	Total Visits	345
To Infants under 1 year (first visits 676)	...	...	„	2,657
To Children between 1-5 years	...	...	„	6,104
To Children under the Infant Life Protection Act	...	„	„	19
To Ophthalmia Neonatorum Cases or Discharging Eyes	„	„	„	1
To Measles Cases (first visits 524—285 to Children under 5)	...	...	„	820
To Whooping Cough Cases (first visits 32)	...	„	„	42
To all other visits following up medical defects, visits with no access to the children, special visits and all casual visits, shelters, etc.	...	„	„	2,556
To Supervising visits	...	„	„	654
Total	...	...	...	13,198

(4) INFANT LIFE PROTECTION.

Six children were under supervision of the Council during 1940. Three of these children reached 9 years of age during the year and ceased to be visited. One infant was removed to its own mother's care. The remaining two children continued to be visited and at the time of last visit both were doing well, and in very good homes.

(5) CLINICS.

Infant Welfare Clinics.

Conducted by Medical Officer of Health.

Total number of children attending Centres—1,279.

Clinic.	New Ferry.	Bromborough.	Hr. Bebington.	Total.
Sessions	102	51	51	204
Attendances of Children				
under 1 year	4,326	2,056	2,511	8,893
Attendances: Children 1-5	2,594	1,873	1,598	6,065
Attendances: Mothers ...	6,194	3,345	3,785	13,324

Toddlers' Clinic.

Number of Sessions	25
Children examined	592
Children referred to Hospital or Special Clinics ...	76

Medical Consultations at Infant Clinics.

Attendances of Mothers with infants under 1 year	1,203
Attendances of Mothers with children 1-5 years	720

Diphtheria Immunisation.

Number of Sessions	55
Total number of Children immunised	207

Dental Treatment.

Children are sent to a local dentist under a scheme whereby the cost or part is paid by the Corporation based on a scale depending upon the parent's income. 45 children received treatment during 1940.

Home Help Service.

The Home Helps attended 26 cases during 1940.

Convalescent Cot for Children in West Kirby Home.

Total number of children admitted—2, both under 5 years.

Ear, Nose and Throat Clinic.

Surgeon: Mr. Philip Garson.

Total number of Sessions	...	...	...	...	15
Total Attendances	...	...	...	...	149
Number of new cases treated	...	...	...	...	62

Eye Clinic.

Surgeon: Mr. Dunlop Hamilton.

Total number of Sessions	...	...	...	...	15
Total Attendances	...	...	...	...	190
Number of new cases treated	...	...	...	...	48

Orthopædic Clinic.

Surgeon: Mr. Hartley Martin.

Total number of Sessions	...	...	...	...	102
Total new cases seen...	...	...	...	...	93
Re-examinations	...	...	...	...	345

Returns are shown in the three following tables:—

Table 1.**Analysis of Cases.**

				Under School Age		Of School Age		Over School Age	
				Boys	Girls	Boys	Girls	Boys	Girls
NEW CASES									
Non-Tuberculous	...	...	...	35	44	7	7	—	—
Tuberculous	...	...	...	—	—	—	—	—	—
RE-EXAMINATIONS									
Non-Tuberculous	...	...	...	94	96	76	64	3	5
Tuberculous	...	...	...	—	—	5	1	—	1

Table 2.

DISEASE CATEGORIES	Remaining 1939 In Relation to School Age			New Cases 1940 In Relation to School Age			Remaining 1940 In Relation to School Age			Discharged, 1940						
	Under	Of	Over	Under	Of	Over	Under	Of	Over	Cured	Relieved	Over Age—Relieved	Left District	Refused Treatment	Unsuitable	Died
Infantile Paralysis ...	1	3	2	1	—	—	2	3	1	—	—	1	1	1	—	1
Spastic Paralysis ...	4	7	2	3	—	—	5	6	1	—	—	1	1	1	—	—
Rickets ...	6	1	—	—	—	—	—	—	—	2	—	—	1	—	—	—
Tuberculous—Osteitis and Arthritis ...	—	4	2	—	—	—	—	3	1	—	1	1	—	—	—	—
Non-Tuberculous Do. ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Deformities—Congenital ...	14	11	—	11	1	—	17	9	—	7	—	—	1	3	—	—
Do. Acquired ...	80	36	—	41	11	—	72	40	—	28	—	2	9	16	1	—
Diagnosis ...	4	1	—	23	2	—	5	2	—	—	—	—	2	2	18	1
Totals ...	109	63	6	79	14	—	104	64	3	37	1	5	14	22	19	2

Massage Return. Table 3.

DISEASE CATEGORIES	ATTENDANCES									
	Of School Age						Under School Age		Over School Age	
	Boys			Girls						
	Attending School	Not Attending School	Attending Special School	Attending School	Not Attending School	Attending Special School				
	Boys	Girls	Boys	Girls						
Infantile Paralysis	—	—	—	6	—	—	3	11	—	19
Spastic Paralysis	—	—	—	43	—	—	37	77	—	—
Rickets	—	—	—	—	—	—	—	—	—	—
T.B.—Osteitis and Arthritis ...	57	—	—	—	—	—	—	—	—	—
Non-T.B.—Do.	—	—	—	—	—	—	—	—	—	—
Congenital Deformities	35	—	—	—	—	—	90	—	—	—
Acquired Deformities	60	—	—	170	—	—	111	72	—	—
Totals ...	152	—	—	219	—	—	241	160	—	19
Totals ...	371						401		19	
Percentages	47%						56.7%		2.3%	

Prevalence of and Control over Infectious and other Diseases.

Details of the number of cases of infectious disease notified and of the ward distribution are given in separate tables.

Notifiable Infectious Diseases, 1940.

Disease	Total Cases Notified	Total Cases Admitted to Hospital	Total Deaths
Smallpox	—	—	—
Scarlet Fever	33	30	—
Diphtheria	35	35	5
Enteric Fever	4	3	—
Puerperal Pyrexia	6	6	2
Pneumonia—Acute Primary ...	41	10*	12
" Acute Influenzal	6	—	2
Erysipelas	10	5	—
Cerebro-spinal Fever	19	19	2
Acute Poliomyelitis	—	—	—
Acute Polio-encephalitis	1	1	—
Encephalitis Lethargica	1	1	1
Ophthalmia Neonatorum	2	2	—
Dysentery	—	—	—
Malaria	—	—	—
Measles	646	26	1
Whooping Cough	72	—	—
Total ...	876	138	25

*Nine nursed at home under the Council's Domiciliary Nursing Scheme.

Table Showing Ward Distribution of Total Cases of Notifiable Diseases, 1940.

Disease.	Ward.										TOTAL
	Hr. Bebington	Woodhey	Bebington	New Ferry	Park	Sunlight	N. Bromborough	S. Bromborough	Eastham	Poulton	
Scarlet Fever ...	1	2	1	9	5	1	2	5	2	5	33
Diphtheria ...	1	3	6	3	5	3	1	5	5	3	35
Enteric Fever ...	—	—	—	—	—	1	—	—	1	2	4
Puerperal Pyrexia ...	—	—	—	—	—	—	—	—	—	6	6
Pneumonia ...	6	7	6	6	4	5	4	3	3	3	47
Erysipelas ...	2	2	2	—	—	1	—	1	—	2	10
Cerebro-spinal Fever	—	—	1	4	—	—	1	1	4	8	19
Ac. Polio-encephalitis	—	1	—	—	—	—	—	—	—	—	1
Encephalitis Lethargica	—	—	—	—	—	—	—	1	—	—	1
Opth'lmia Neonatorum	—	—	—	—	—	—	—	—	—	2	2
Measles ...	28	90	70	72	49	74	53	81	75	54	646
Whooping Cough ...	1	4	2	10	8	15	18	9	2	3	72
Totals	39	109	88	104	71	100	79	106	92	88	876

Tuberculosis.

New Cases and Mortality during 1940.

Age Periods				NEW CASES				DEATHS			
				Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
				M.	F.	M.	F.	M.	F.	M.	F.
Years											
0 ...	...	...	...	—	—	2	1	—	—	1	1
1 ...	...	...	...	—	—	1	2	—	—	—	2
5 ...	...	...	...	2	—	2	1	1	—	—	—
15 ...	...	...	...	5	3	1	—	—	—	1	—
25 ...	...	...	...	6	4	1	—	3	2	—	—
35 ...	...	...	...	2	4	—	—	3	—	—	—
45 ...	...	...	...	7	1	—	—	—	—	—	—
55 ...	...	...	...	1	—	1	—	1	1	1	—
65 and upwards	...			—	—	—	—	—	—	—	—
Total ...				23	12	8	4	8	3	3	3

Sanitary Circumstances.

Mr. E. V. Crapper, Chief Sanitary Inspector, is responsible for the following reports on the Sanitary Inspection of the area:—

Sanitary Inspection of the Area.

Number of and Nature of Inspections made	Total for 1940	No. of Notices Served		Result of Notices		Total for 1939	Total for 1938
		Informal	Statutory	Complied with	Remaining in hand		
Dwelling Houses Inspected ...	397	364	—	279	85	473	478
Do. re-inspected ...	1026	88	88	66	22	756	1284
Overcrowding ...	241	—	—	—	—	450	632
Offices ...	7	1	1	—	1	7	—
Tents, Vans, Sheds ...	4	1	—	1	—	9	7
Courts, Passages, Yards ...	155	30	7	28	2	141	131
House Drainage ...	568	54	24	51	3	1447	1779
Privies, Middens, Dust Bins ...	503	145	36	138	7	448	670
Cesspools, Septic Tanks, etc. ...	42	4	—	3	1	125	136
Ditches, Watercourses ...	50	—	—	—	—	79	39
Offensive Accumulations ...	78	8	—	7	1	157	151
Keeping of Animals ...	2	1	—	1	—	44	57
Rat Infestations ...	108	3	—	2	1	139	177
Slaughterhouses ...	157	—	—	—	—	626	808
Butchers' Shops ...	185	2	—	2	—	119	94
Grocers ...	47	2	—	2	—	68	40
Ice Cream Premises ...	33	—	—	—	—	53	16
Other Food Premises ...	288	7	4	5	2	103	54
Offensive Trades ...	3	—	—	—	—	17	34
Piggeries ...	22	1	—	1	—	22	17
Dairies and Cowsheds ...	386	1	—	1	—	410	444
Factories ...	30	7	4	3	4	33	124
Bakehouses ...	29	2	—	2	—	84	75
Smoke Observations ...	40	—	—	—	—	29	27
Public Schools ...	2	—	—	—	—	23	41
Places of Entertainment ...	29	1	—	1	—	6	35
Public Conveniences ...	10	—	—	—	—	38	71
Licensed Premises ...	6	1	1	1	—	15	41
Infectious Diseases Inquiries ...	180	—	—	—	—	420	445
Do. Revisits ...	107	—	—	—	—	245	196
Verminous Premises ...	104	3	—	3	—	195	187
Fouling of Footways ...	6	—	—	—	—	8	—
Miscellaneous... ...	110	—	—	—	—	200	246
Appointments outside Office ...	213	—	—	—	—	225	235
Totals ...	5168	726	165	597	129	7214	8771

Housing Act, 1936.

The following figures relate to work carried out during 1940:—

24 applications have been received for "permitted numbers."

7 existing houses have been measured.

73 newly erected houses have been measured.

62 visits have been paid to inspect rent books, to enquire into cases of overcrowding, etc.

14 offences were committed by the failure to insert in rent books the "permitted number," etc.

9 warning letters sent.

16 offences were committed by the failure to insert in rent books the name and address of the M.O.H.

11 warning letters sent.

8 offences were committed by the failure to insert in rent books information relating to persons responsible for keeping houses in a reasonable state of repair.

6 warning letters sent.

25 cases of overcrowding abated.

7 new cases of overcrowding.

House Drainage.

144 smoke tests were applied to drains.

46 of these were at new buildings or additions to existing buildings

98 of these were at existing buildings

35 drains and rat-runs were smoked with waste and sulphur to remove or destroy rats.

127 house drains were cleared by plunging or rodding.

Since the War there has been an increase in the number of choked drains reported to this department. This is accounted for by the fact that, householders who would normally clear these drains, are in many instances away from home in the Services and that owners have found difficulty in obtaining the services of contractors.

Disinfection.

The following articles have been disinfected or destroyed during the year 1940 :—

Beds (disinfected)...	...	...	...	445
Other articles (disinfected)	...	...	...	2,316
Rooms (disinfected)	...	...	...	22
Beds (destroyed)	...	...	...	25
Other articles (destroyed)	...	...	...	70
Other premises (destroyed)	...	...	...	10
				<hr/>
				2,888
				<hr/>

Disinfestation.

The following are the figures relating to verminous premises :—

Rooms treated	...	...	...	...	134
Beds disinfected	...	...	...	...	25
Other articles disinfected	...	...	...	...	9
Beds destroyed	...	...	...	...	10
Other articles destroyed	...	...	...	...	11
Pools, ditches, etc., sprayed	...	...	...	...	8
Tips sprayed	...	...	...	...	36
					<hr/>
					233
					<hr/>

29 houses were found to be infested with bed-bugs.

3 houses were found to be infested with fleas.

16 houses were found to be infested with cockroaches.

57 premises were found to be infested with rats.

8 premises were found to be infested with miscellaneous vermin
(ants, furniture beetles, etc.)

Slaughter Houses.

The following table indicates the work carried out relative to meat inspection in slaughterhouses :—

	Cattle exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Total.
Number killed	1386	359	904	21134	650	24433
Ante-mortem inspection, includ- ing supervision of humane slaughter... ..	958	332	747	12193	590	14820
Notice of slaughter received ...	1386	359	904	21134	650	24433
Emergency notification	—	—	—	3	—	3
Post-mortem inspection	1386	359	904	21134	650	24433

All Diseases, except T.B.

Whole carcasses condemned ...	—	1	9	34	—	44
Carcasses of which some part or organ was condemned... ..	144	83	3	1384	39	1653
Percentage of the number in- spected affected with diseases other than T.B.	10.38%	23.39%	1.32%	6.70%	.6%	6.904%

Tuberculosis only.

Whole carcasses condemned ...	10	16	—	—	2	28
Carcasses of which some part or organ was condemned... ..	200	123	1	—	53	377
Percentage of the number in- spected affected with Tuber- culosis	15.15%	38.7%	.11%	—	8.46%	1.65%

Liver Fluke.

Whole carcasses condemned ...	—	—	—	1	—	1
Carcasses of which some part or organ was condemned... ..	125	63	1	1228	6	1423
Percentage of the number in- spected affected with Liver Fluke	9.01%	17.54%	.11%	5.81%	.9%	5.82%

	Cattle exclud- ing Cows.	Cows.	Calves.	Sheep and Lambs.	Pigs.	Total.
Cystic Conditions.						
Whole carcasses condemned ...	—	—	—	—	—	—
Carcasses of which some part or organ was condemned... ..	3	—	1	14	6	24
Percentage of the number in- spected affected with Cystic conditions ... ..	.21%	—	.11%	.06%	.9%	.09%
Septic Conditions.						
Whole carcasses condemned ...	—	1	3	—	—	4
Carcasses of which some part or organ was condemned... ..	12	9	—	5	—	26
Percentage of the number in- spected affected with Septic conditions ... ..	.86%	2.78%	.33%	.02%	—	.12%
Actinomycosis.						
Carcasses of which some part or organ was condemned... ..	3	—	—	—	—	3
Percentage of the number in- spected affected with Acti- nomycosis ... ..	.21%	—	—	—	—	.01%
Moribund and Emaciation.						
Whole carcasses condemned ...	—	—	4	13	—	17
Percentage of the number in- spected affected with Mori- bund and Emaciation	—	—	.44%	.06%	—	.06%
Cavernous Angiomata.						
Carcasses of which some part or organ was condemned... ..	—	2	—	—	—	2
Percentage of the number in- spected affected with Caver- nous Angiomata... ..	—	.55%	—	—	—	.008%
Miscellaneous.						
Whole carcasses condemned ...	—	—	2	12	—	14
Carcasses of which some part or organ was condemned... ..	—	5	1	19	22	47
Percentage of the number in- spected affected with miscel- laneous diseases	—	1.39%	.33%	.14%	3.38%	.24%

Food Inspection.

The undermentioned food was found upon examination in shops to be unsound and unfit for human consumption and was voluntarily surrendered:—

- 7 lbs. of Pork Shoulder.—Unfit owing to meat being shouldered by the slaughterman.
- 13½ cwt. of Beef Trimmings.—Decomposition.
- 18 lbs. Pork.—Broken legs and damaged shoulder.
- 1 Leg of Lamb.—Arthritis.
- 9½ lbs. Ox Liver.—Distomatosis.
- 30 lbs. Lambs Livers.—Decomposition.
- 1 Sheeps Head and Pluck.—Decomposition.
- 1 Lamb Trimmings.—Bruising.
- 1 tin Jellied Veal.—Decomposition.
- 17 lbs. of Beef.—Bone taint.
- 1 Forequarter Imported Beef.—Decomposition.

The following food was voluntarily surrendered after inspection following damage by High Explosive Bomb:—

- 20, 14oz. packets of Shredded Wheat.
- 23 lbs. of Breakfast Oats.
- 3, 6oz. packets Wafer Oats.
- 3, 8oz. packets of Corn Flakes.
- 1 lb. Flaked Rice.
- 2, 5½oz. packets of Rice Crisps.
- 1, 6oz. and 2, 8oz. packets of Wheat Flakes.
- 1 lb. Seedless Raisins.
- 2, 6oz. packets Steamed Pudding Mixture.
- 6, 1 pint packets Custard Powder.
- 1, 1 pint packet Jelly.
- 7, 2oz. packets Gravy Salt.
- 1, 4oz. bottle Sauce.
- 2 tins Lemon-Barley Crystals.
- 40, 1 lb. and 4, ½ lbs. tins Pears.
- 18, 1½ lb. tins Plum and Raspberry Jam.
- 1, 1 lb. tin Peaches.
- 8, 1 lb. tins Fruit Salad.

- 6, 1 lb. tins Pineapple.
- 1, $\frac{1}{4}$ lb. tin Coffee.
- 4, 1 lb. 14oz. tins Apricots.
- 18 lbs. Butter.
- 13 lbs. Bacon.
- 1 lb. Ox Tongue.
- $\frac{3}{4}$ lb. Chicken and Ham Roll.
- $2\frac{1}{4}$ lbs. Coffee.
- 5, $1\frac{3}{4}$ lb. bags of Flour.
- 7 lbs. Pepper.
- 1, 4/- box of Chocolate Macaroons
- 1, 7/- and 1, $2\frac{1}{8}$ box of Sweets.
- 3 packets Custard Powder.
- 1, 6d. packet of Force.
- 1, 6d. packet of Shredded Wheat
- 1, 5d. packet of Oats.
- 1, 1/1 tin Plums.
- $15\frac{1}{2}$ lbs. Sultanas.
- 20 lbs. Currants.
- $\frac{1}{2}$ lb. Margarine.
- 3 packets of Tea.
- 1, $1\frac{1}{5}$ jar of Jam.
- 9 Sponge Mixtures.
- $9\frac{1}{2}$ lbs. Peel.
- 19, 4d. packets of Jelly Crystals.
- 5, 6d. packets Soups.
- 40 packets of Gravy Salt.
- 2, $4\frac{1}{2}$ d. packets Jellies.
- $36\frac{1}{2}$ lbs. Bread Improver.
- 21, $\frac{1}{2}$ lb. packages of Special Margarine.
- 9, $\frac{1}{2}$ lb. packages of Standard Margarine.
- 1 sack of debris containing Sugar Confectionery.

Food and Drugs Act, 1938.

During the course of the year 29 additional premises were registered under the provisions of the Food and Drugs Act, 1938;—

8 in respect of cooked meat or fish.

4 in respect of sausages, potted, pressed, pickled or preserved food.

11 in respect of Ice Cream shops and stores.

6 in respect of Ice Cream factories.

The total number of registered food premises at the end of the year 1940, was 118.

Dairies and Cowsheds.

There are 59 cowkeepers registered:—

37 of these are wholesale producers.

21 of these are producer-retailers.

1 of these produces milk for his own business.

There are also 26 other dairymen registered for the sale of milk.

Sediment Tests.

255 sediment tests were made during the year in comparison with 66 during the year 1939, the 160 for 1938 and the 254 for 1937.

The percentages of cleanliness was as follows:—

1937	...	...	...	...	60%
1938	...	...	...	...	61.2%
1939	...	...	...	...	61%
1940	...	...	...	...	62.27%

Milk Sampling.

The following table relates to the presence of tubercle bacilli in samples examined:—

	No. of Samples.		No. Positive.	
Commercial milk	...	39	...	—
Accredited	...	84	...	4
Tuberculin tested	...	4	...	—
T.T. (certified)	...	9	...	—
Pasteurised	...	34	...	—
Sterilised	...	4	...	—
		174	...	4

this equals a percentage of 2.3. as compared with 4.6% for 1939, 3.8% for 1938, 3.8% for 1937, 6.5% for 1936, and 6.8% for 1935.

The following figures show the number and result of examinations for T.B. during the past ten years:—

	No.	T.B.	%T.B.
Commercial milk ...	897	46	5.12
Accredited ...	719	63	8.76
Tuberculin tested ...	47	—	—
T.T. (Certified) ...	43	—	—
Pasteurised milk ...	146	—	—
Sterilised milk...	19	—	—
	<u>1,871</u>	<u>109</u>	<u>5.82</u>

The table below shows the number and results of samples submitted to the bacteriologist for the Ministry of Health Prescribed Test, during 1940:—

	No. Examined.	No. Satisfactory.
Commercial milk ...	18	18
Accredited milk ...	41	34
Tuberculin tested ...	4	3
T.T. (Certified) ...	8	5
Sterilised ...	4	3
	<u>75</u>	<u>63</u>

The efficiency of pasteurisation was checked by submitting samples for the phosphatase test, with the following results:—

Samples tested ...	22
Efficiently pasteurised ...	18

The remaining four were found to have been insufficiently heated or to have been mixed with raw milk.

