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CITY OF WINCHESTER.

Annual Report
ON THE
Health of the City
DURING 1939,

BY

W. A. BRUCE YOUNG, M.D., D.P.H.

Medical Officer of Health, &c.

WINCHESTER:

PRINTED BY JOHN T. DOSWELL, ST. PETER STREET.—C.5962.



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To the Mayor, Aldermen and Councillors of the City of Winchester.

MR. MAYOR, LADIES AND GENTLEMEN,

I beg to submit the Annual Report on the Health of the City for the year 1939.

The whole of the report has been prepared by my predecessor, Dr. W. A. Bruce Young.

It is, as usual, divided into three parts—Public Health, Maternity & Child Welfare, and School Medical Work—each of which is administered by the appropriate Committee, but in view of National economy, it has been found necessary to reduce considerably the size of the Report, and at the request of the Ministry of Health, includes chiefly the more important statistical figures.

Section D. of Part I, comprises in great part the Report of the Sanitary Inspector.

It is my pleasant duty to thank the three Committees for their generous support, my staff for their willing collaboration and service, and the heads of other Corporation Departments for their valuable help and information.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

R. A. GOOD,

Medical Officer of Health

HEALTH COMMITTEE, 1938-39.

THE MAYOR: COUNCILLOR GRIFFITHS

CHAIRMAN: COUNCILLOR BONES

Alderman Firmstone
Alderman Newton
Councillor Bremridge

Councillor Gleadowe
Councillor Irving
Councillor Murray

A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

1.—Area (In Acres) ... 3888

2.—Population

(a) Resident population estimated mid-1939 (R.G.) 24,380

(b) Average population appropriate to the
calculation of death rates ... 24,660

3.—Number of Inhabited Houses (end of 1939)
according to Rate Books ... 6,590

4.—Rateable Value (March, 1939) ... £255,723
Sum represented by a penny rate ... £1,012

5.—Social Conditions

There are no special industries in the City in the ordinary acceptance of the term.

There are 247 small factories and workshops which are concerned almost entirely with work for the day to day requirements of a residential neighbourhood, such as laundries, bakeries, clothing workshops, etc.

6.—Unemployment. Registered in first week of January.

	1934	1935	1936	1937	1938	1939	1940
Men	745	531	541	478	365	527	525
Women	63	84	94	70	72	102	66
	808	615	635	548	437	629	591

B. EXTRACTS FROM VITAL STATISTICS OF THE YEAR.

1.—Births (Registered)

			Total	M.	F.
(a)	Live Births—Legitimate	...	293	157	136
	Illegitimate	...	22	13	9
(b)	Still Births Legitimate	...	10	6	4
	Illegitimate	...	2	2	—
(c)	Birth-rate per 1,000 estimated population		18'4		
(d)	Still-birth rate per 1,000 total births		36'4		

2.—Deaths

			Total	M.	F.
(a)	Total		301	159	142
(b)	Death-rate per 1,000 estimated resident population				12'2
(c)	Deaths from Puerperal causes—				
	Puerperal Sepsis		1	3'05	
	Other Puerperal causes		1	3'05	
	Total		2	6'1	
(d)	Death-rate of Infants under one year of age—				
	All Infants per 1,000 live births			...	34'9
	Legitimate Infants per 1,000 legitimate live births			...	34'9
	Illegitimate infants per 1,000 illegitimate live births			...	—
(e)	Deaths from Cancer (all ages)	...		...	44
	Measles (all ages)	...		...	nil
	Whooping Cough (all ages)			...	nil
	Diarrhoea (under 2 years of age)			...	nil
(f)	Deaths in Public Institutions	...		...	36.2

3.—Birth and Death-rates per 1,000 total population

			Birth-rate		Death-rate
			Live Births	Still-Births	
(a)	England and Wales	...	15'0	0'59	12'1
	126 County Boroughs and great towns including London	...	14'8	0'59	12'0
	148 smaller towns, population 25—50,000 (1931 Census)	...	15'6	0'57	11'2
	London	...	12'3	0'44	11'9
	Winchester	...	12'9	0'49	12'2

(b) Birth-rates and death-rates (3-year periods)—

		Birth-rate	Death-rate
1912-1914	...	17'1	10'7
1915-1917	...	16'3	14'1
1918-1920	...	16'6	12'3
1921-1923	...	18'8	12'2
1924-1926	...	16'0	11'7
1927-1929	...	14'8	12'7
1930-1932	...	13'5	12'1
1933-1935	...	12'3	12'6
1936-1938	...	12'7	11'7
1939	...	13'4	12'2

(c) Deaths of persons over 65 years of age—percentage of total deaths—

1928	...	59'6	1934	...	60'1
1929	...	52'7	1935	...	62'5
1930	...	55'8	1936	...	61'2
1931	...	59'4	1937	...	59'3
1932	...	59'6	1938	...	61'2
1933	...	60'0	1939	...	60'4

Causes of and Ages at Death during the year 1939.

Net Deaths at the specified ages of Residents whether occurring within or without the district																									
All Ages		Under 1 year		1 to 2		2 to 3		3 to 4		4 to 5		5 to 10		10 to 15		15 to 20		20 to 35		35 to 45		45 to 65		65 and over	
1	Typhoid and Paratyphoid Fevers	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	Measles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	Scarlet Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	Whooping Cough	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	Diphtheria	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	Influenza	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	Cerebro-Spinal Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	Tuberculosis of the Respiratory System	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	Other Tuberculous Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	Syphilis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	General Paralysis of the Insane, Tabes Dorsalis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	Cancer, Malignant Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	Diabetes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	Cerebral Haemorrhage, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	Heart Disease	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	Aneurism	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	Other Circulatory Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	Bronchitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	Pneumonia (all forms)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	Other Respiratory Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	Peptic Ulcer	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	Diarrhoea, (under 2 years)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Appendicitis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	Cirrhosis of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	Other Diseases of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	Other Digestive Disorders	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	Acute and Chronic Nephritis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	Puerperal Sepsis	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	Other Puerperal Causes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	Congenital Debility, Premature Birth, Malformation	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	Senility	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	Suicide	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	Other Violence	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	Other Defined Diseases	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	Causes Ill-defined or Unknown	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		301	11	...	2	1	...	...	2	1	...	...	1	...	3	10	...	11	...	78	...	...	...	...	182

SPECIAL CAUSES OF DEATH.

Year	Population	Cancer		Heart Disease		Pneumonia		Tuberculosis		Senility		Violence	
		Total Deaths	Percentage of deaths	Rate per 1000 living	Percentage of deaths	Rate per 1000 living	Percentage of deaths	Rate per 1000 living	Percentage of deaths	Rate per 1000 living	Percentage of deaths	Rate per 1000 living	Percentage of deaths
1926	24050	283	11.3	1.74	22.2	2.6	6.0	0.76	4.6	0.54	...	4.24	0.49
1927	23980	316	13.2	1.74	19.6	2.5	4.1	0.54	6.3	0.83	...	1.90	0.20
1928	24110	255	14.9	1.56	21.1	2.1	4.6	0.49	4.3	0.45	...	1.96	0.20
1929	23970	347	11.8	1.71	21.3	3.0	4.6	0.66	5.4	0.79	...	1.72	0.25
1930	23970	281	11.8	1.71	24.9	2.9	5.33	0.62	4.9	0.58	...	3.20	0.37
1931	22950	282	15.6	1.91	17.3	2.1	6.73	0.82	7.4	0.91	12.0	3.90	0.48
1932	24700	304	13.4	1.66	22.3	3.3	10.1	0.93	3.9	0.48	11.5	2.96	0.36
1933	24910	337	13.9	1.88	24.3	3.29	3.85	0.52	4.4	0.6	8.3	2.97	0.36
1934	24750	276	14.8	1.65	30.0	3.35	5.79	0.64	5.0	0.56	10.8	2.90	0.32
1935	24660	328	9.4	1.26	25.6	3.40	3.96	0.52	5.5	0.73	11.2	3.65	0.48
1936	24820	297	19.2	2.29	26.5	3.18	4.7	0.50	0.67	0.08	7.4	0.88	0.52
1937	24520	290	14.5	1.71	27.2	3.22	5.2	0.61	2.7	0.32	7.6	0.87	0.32
1938	24460	274	16.4	1.83	25.5	2.86	4.01	0.45	2.5	0.08	10.5	1.18	0.40
1939	24660	301	14.6	1.78	28.2	3.44	2.99	0.36	5.3	0.65	9.9	1.21	0.44

CANCER.

The facilities for obtaining treatment by radium for suitable cases are sufficient, so that any delay is avoided. There is a National Radium Centre in Southampton.

VITAL STATISTICS OF THE DISTRICT, 1926-1938

Year	DEATHS													
	BIRTHS			Total deaths registered in the district			TRANSFERABLE DEATHS			NETT DEATHS BELONGING TO THE DISTRICT				
	Population estimated to the middle of each year (R.G.)	Un-corrected number	Nett Number	Rate	Number		Rate	Of non-residents registered in the district	Of residents not registered in the district	Under 1 year of age		All ages		
					For birth rate	For death rate				Number	Rate per 1000 net births	Number	Rate per 1000 pop.	
1	2	3	4	5	6	7	8	9	10	11	12	13		
1926	24680	24050	520	387	15.6	386	16.0	120	17	20	51	283	11.7	
1927	24700	23980	544	367	14.8	412	17.1	125	29	22	60	316	13.1	
1928	24780	24110	608	378	15.2	375	15.5	136	16	17	45	255	10.5	
1929	24700	23970	513	353	14.3	457	19.0	138	28	26	73	347	14.4	
1930	24700	23970	448	331	13.4	382	16.3	129	22	21	65	281	11.7	
1931	23590	22950	434	332	14.0	485	21.1	222	19	9	28	282	12.2	
1932	24700		440	326	13.2	460	18.6	186	36	18	56	310	12.5	
1933	24910		442	315	12.6	505	20.2	209	41	15	48	337	13.5	
1934	24750		453	332	13.4	476	19.2	223	23	9	28	276	11.1	
1935	24660		436	303	12.2	504	20.4	203	27	11	36	328	13.3	
1936	24820		537	335	13.5	491	19.7	201	7	12	37	297	11.9	
1937	24520		514	299	12.1	500	20.3	234	24	10	33	290	11.8	
1938	24460		553	333	13.6	507	20.7	233	21	10	30	274	11.2	
1939	24380	24660	575	327	13.4	536	21.7	235	21	11	34	301	12.2	

C. GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA, 1939.

1.—Public Health Officers of the Authority.

{ Medical Officer of Health
 { Medical Officer for Maternity and Child Welfare
 { School Medical Officer
 { Medical Superintendent of the Isolation Hospital
 { Police Surgeon

W. A. Bruce Young, M.D., D.P.H., etc.

Medical Officer of Pre-natal Clinic :

C. J. Penny, M.D., O.B.E.

Surgeon, Isolation Hospital.

B. H. Pidcock, M.B., F.R.C.S.

Dental Surgeon :

B. T. Wyatt, L.D.S.

Veterinary Surgeon :

J. F. D. Tutt, F.R.C.V.S.

Sanitary Inspectors :

P. Rees C. Bennett

Health Visitors and School Nurses :

E. Slater D. Day

Dental Attendant and Nurse :

N. Winkworth

Municipal Midwives :

H. Oliver E. Curling M. Stark

Matron Isolation Hospital :

A. E. Stacey, S.R.N.

Clerical Staff :

G. Rooke M. Shepherd D. Pearce

2.—Laboratory Facilities.

Available at the Hants County Laboratory as before.

3.—Ambulance Facilities.

As before. The M.O.H. has been responsible for organising and recruiting the A.R.P. Ambulance Services.

4.—Nursing in the Home, Clinic and Treatment Services.

These are unchanged.

5.—Hospitals.

(a) PUBLIC

(i) Public Assistance Institution Wards ... 286 beds
(including "emergency" beds)

(ii) County Council Maternity Ward, 1 St. Paul's
Hill ... 4 beds

(iii) City Isolation Hospital ... 33 beds

(b) VOLUNTARY (Royal Hants County Hospital)

(iv) Medical, Surgical and Children ... 197 beds

(v) Maternity ... 10 beds

On the outbreak of war and in accordance with arrangements which had been previously effected, a number of patients were transferred from the Southampton C.B. Isolation Hospital to the City Isolation Hospital. As the outcome of an inspection by a representative of the Ministry of Health, the work of reconstructing two disused Army huts standing in the hospital grounds was undertaken in order to meet the expected necessity for providing an additional twelve beds in order to provide accommodation for infectious cases to be sent to us during the period of the war. This work was approaching completion at the end of the year. The whole of the cost is to be borne by the Ministry.

6.—Adoptive Acts, Bye-laws and Regulations in force.

Unchanged.

D. SANITARY CIRCUMSTANCES OF THE AREA

1.—Water and Water Supply.

(a) RIVER WATER

Frequent observations and analyses are made of the river water (River Itchen). Both indicate a water that can be considered normal having regard to the season and the area through which the river passes.

(b) PUBLIC WATER SUPPLY

Frequent chemical and bacteriological examinations are made by the Health and Water Departments of the Corporation. With one minor and temporary exception the results during 1939 were very satisfactory.

2.—Drainage and Sewerage.

The following information has been kindly supplied by the City Engineer.

(a) DRAINAGE AND SEWERAGE

Relief Sewer—The construction of the relief sewer from the Sewage Pumping Station, Garnier Road, to the Andover Road, was completed in 1939.

(b) COLLECTION AND DISPOSAL OF HOUSE REFUSE

(i) A re-organisation of the collecting rounds was carried out early in 1940, with a subsequent increase in efficiency, and certain properties, previously collected once per week, are now upon a bi-weekly collection.

(ii) A new destructor was installed by the Carrier Engineering Company Ltd., built to their patented design. A further cell is to be added in the near future.

(c) PUBLIC CLEANSING

Nil.

(d) SWIMMING BATHS AND POOLS

Lido

Bull Drove

North Walls Recreation Ground

The Lido was taken over by the Corporation in July, 1939. The swimming, which is an open type, contains approximately 104,700 gallons, and the water is filtered and chlorinated according to the number of persons using the pool.

North Walls Bath and the Bull Drove Bath are supplied with water from the River Itchen, which water is not treated in any way.

3.—Sanitary Inspection.

Complaints received	...	...	...	190
Nuisance found to exist	...	...	...	175
No nuisance	...	...	...	15
Abated	...	...	...	168
Routine Inspections	...	...	...	6341
Number of premises where nuisances were found	...			247
Re-visits to work in progress and property under notice				1232

Particulars of Nuisances and Defects dealt with.

Nature of Nuisance			Number
Premises requiring repair	...	...	139
Premises requiring cleansing	...	...	123
Drains found choked	...	...	31
Drains found otherwise defective	...	...	12
Defective W.C.'s and fittings	...	...	57
Defective yard surfaces	...	...	42
Defective eave and down spouts	...	...	39
Defective sinks	...	...	14
Offensive accumulations	...	...	41
Absence of proper refuse receptacle	...	...	67
Rat infestation	...	...	11
Verminous houses	...	...	9
Total nuisances and defects found			575

Nuisances and Defects—Action taken.

Number of nuisances and defects	...	...	575
Abated after verbal notice	...	...	268
Preliminary notices served	...	...	159
Statutory notices served	...	...	7
Statutory notices complied with	...	...	7
Notices outstanding at end 1939	...	...	38

Most preliminary and statutory notices served dealt with more than one nuisance.

Public Health (Smoke Abatement) Act, 1926.

No complaints were received.

Premises and Occupations which can be controlled by Bye-laws or Regulations.

1. Cowsheds, Dairies and Milkshops
2. Slaughterhouses
3. Common Lodging Houses
4. Tents, Vans and Shed dwellings
5. Houses let in lodgings

1.—Cowsheds.

Inspections of Cowsheds numbered 32; no occasions arose for the service of notices. Towards the end of the year one cowshed went out of use, leaving eight cowsheds with approximately 200 cows.

Dairies and Milkshops.

Seven shops in the City sell milk and dairy produce only; fourteen others combine the sale of bottled milk with goods of a miscellaneous character. A considerable portion of the milk sold is pasteurised, and a number of accredited producers sell their product as ordinary milk. The following table gives particulars of the Licences granted for the sale of one or other of the "Designated Milks."—

Producers Licences	Pasteurised Milk	...	2
Dealers Licences	Tuberculin-Tested Milk	...	4
Dealers Licences	Accredited Milk	...	1
Dealers Licences	Pasteurised Milk	...	6

Fortnightly bacteriological examinations of pasteurised milk are carried out and monthly examinations of the other grades. The results in both cases have been very satisfactory

2.—Slaughterhouses.

Seven private slaughterhouses are in regular use by fourteen butchers; whilst a further one, making eight in all, is occasionally used. The whole of the meat slaughtered in the town is inspected. This work entailed approximately 4,500 visits to slaughterhouses during the year.

The following table gives particulars of the animals slaughtered and inspected, and the quantities of meat condemned and surrendered.

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed	509	812	3179	3061
Number inspected	509	812	3179	3061
Diseases other than Tuberculosis—				
Carcasses condemned	...	1	3	1
Parts of carcasses or organs condemned	5	1	7	2
Percentage of carcasses affected with disease	1'09	0'24	0'32	0'09
Tuberculosis—				
Carcasses condemned	7	—	—	1
Parts of carcasses or organs condemned	24	1	—	76
Percentage of carcasses affected with Tuberculosis	6'09	0'12	—	2'51

3.—Common Lodging Houses.

Regular inspections are made of the three common lodging houses. Two give little cause for complaint, but the third needs close supervision to ensure observance of the Bye-laws. No proceedings were needed to secure the observance of the Bye-laws.

4.—Tents, Vans and Shed Dwellings.

No trouble arose from the occupation of the two sites in the City by travelling showmen.

5.—Houses Let in Lodgings.

There are a few houses which, by reason of the terms of tenancy, would bring them within the classification of houses let in lodgings. It has been found best to deal with them under the Housing or the Public Health Acts.

6.—Offensive Trades.

There are no offensive trades carried on within the City.

7.—Disinfection.

Disinfection of rooms and bedding following non-notifiable cases of infectious disease, is carried out at the request of occupiers and is charged for by the Council. The fees accruing from this work amounted to £3 : 16 : 2.

8.—Testing of Drains,

No requests for tests were received during the year.

FOOD AND DRUGS.

The Food and Drugs Act, 1938, came into force on October 1st, 1939, and the City Council was appointed a Food and Drugs Authority under the Act.

The following table gives a list of samples taken under the Food and Drugs Act, and the Milk and Dairies Orders, and examined by the Public Analyst—

Milk	30	Gregory Powder	1
Butter	2	Sal Volatile	1
Margarine	1	Malt Food	1
Lard	1	Cornflour	1
Tapioca	1	Coffee	2

Cream	2	Honey	1
Jam, Raspberry	1	Mustard	1
Jam, Plum	1	Arrowroot	1
Malt Vinegar	1	Ground Ginger	1
Table Vinegar	1	Condensed Milk	1
Oil, Camphorated	1	Ammoniated Quinine Tablets	1
Tincture of Iodine	1	Sausage, Beef	1
Carbonate of Magnesia	1	Sausage, Pork	1
Glauber Salts	1	Zinc Ointment	1
Total	...	60	

Three samples of milk were certified as not being genuine—

No. 31 Containing 2·9% of added water

No. 33 Containing 4·8% of added water

No. 37 Was 20% deficient in fat

Nos. 33 and 37 were farm samples, the milk being supplied to local dairymen amongst whom was the vendor of No. 31. Following appeal to the cow samples proceedings were instituted in the case of Nos. 33 and 37, and fines of £1 plus 2 guineas costs were imposed in each case.

No. 46, an informal sample of malt vinegar was certified as an artificial vinegar, but the vendor promptly altered the description of his product before a formal sample could be taken.

No. 49, a sample of ammoniated quinine tablets was found to contain the ammonia in the form of the chloride instead of the bicarbonate as given in the B.P.C. The question was taken up with the vendors and the labelling altered.

No. 26, sample of dairy cream. Exception was taken by the Analyst to the description "Pure Dairy Cream" as the cream contained only 25% of butter fat as against 50 to 60% in dairy cream. This matter was taken up with the vendors.

Samples submitted to the Hants County Analyst—

54 samples of milk from farmers supplying local dairymen for an estimation of butter fat and non-fatty solids

78 samples of pasteurised milk for count and phosphatase test

12 samples of accredited milk for the methelyne blue test

Of the 54 samples of milk, several were below the prescribed standard of 3% butter fat and 8.5% non-fatty solids. These analyses enabled us to detect the two cases Nos. 33 and 37 referred to above. As regards the 78 pasteurised milk samples, two samples had too high a count and a third failed on the phosphatase test.

All accredited milk samples were satisfactory.

MILK AND CREAM REGULATIONS.

Number of samples examined for the presence of a preservative, etc.		Number in which preservatives were reported to be present and percentage of preservative
Milk	... 30	Nil
Cream	... 2	Nil
Thickening Substances		Nil
Other observations		Nil

FOOD PREMISES.

Regular inspections have been carried out, and the general standard of cleanliness is satisfactory.

ELEMENTARY SCHOOLS.

Thirty-two inspections in connection with the annual cleansing were made, and work asked for was carried out.

RAG FLOCKS ACTS.

No rag flock is manufactured in the City, and no samples were taken as mattress makers buy their supplies with a guarantee.

MERCHANDISE MARKS ACT.

No need arose for legal action in enforcing the several labelling orders, as the few cases of omission to display the prescribed labels were found to be due to forgetfulness. In all such cases verbal warnings were given.

SHOPS ACTS.

There are now very few shops which lack means for maintaining a reasonable temperature, or which lack other essential facilities. A considerable number of butchers, grocers and greengrocers made such provision during the year, and in no instance has complaint been made of spoilage due to these facilities.

ERADICATION OF BED BUGS.

Twenty-two complaints were received of the presence of bed bugs, but in no single case was the infestation extensive. Two estate agents have purchased their own apparatus for the treatment of houses in their agency and this has resulted in prompt suppression of the trouble. Treatment with Zaldicide is the method followed by this department and has proved effective.

INSPECTION OF DWELLING HOUSES DURING THE YEAR.

1.—(a)	Total number of dwelling houses inspected for housing defects (under Public Health or Housing Acts)	...	153
(b)	Number of inspections made for that purpose	...	207
2.—(a)	Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under Housing Consolidated Regulations, 1925	...	63
(b)	Number of inspections made for that purpose	...	152
3.—	Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	4
	Undertaking by owner	...	2
	Scheme undertaken by owner	...	—
	Demolished	...	2
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	...	147

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 Authorities or their officers	...	...	...	121
---	-----	-----	-----	-----

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	...	7
2.	Number of dwelling houses which were rendered fit after service of formal notices	...	7
(a)	By owners	...	7
(b)	By Local Authority in default of owner	...	nil

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 notice— | |
| (a) By owners | nil |
| (b) By Local Authority in default of owner | 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 | 2 |
| 2. Number of dwelling houses demolished in pursuance of Demolition Orders | 2 |

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 |

Housing Act, 1936, (Part IV), Overcrowding.

- | | |
|---|-----|
| 1. Number of dwelling houses overcrowded at the end of the year | 2 |
| Number of families dwelling therein | 2 |
| Number of persons dwelling therein | 18 |
| 2. Number of new cases of overcrowding reported during the year | 1 |
| 3. Number of cases of overcrowding relieved during the year | 1 |
| Number of persons concerned in such case | 10 |
| 4. Particulars of any cases in which dwelling houses have again been overcrowded after the Local Authority have taken steps for the abatement of overcrowding | nil |
| 5. Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report | nil |

PREVALENCE OF AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

1. NOTIFIABLE INFECTIOUS DISEASES.

(a) Notifications received—

DISEASE	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Scarlet Fever	37	26	53	55	151	96	59	44	18	55
Diphtheria	32	6	14	7	3	9	3	12	3	6
Enteric Fevers	3	2	5	2	1	1	4	.	1	1
Puerperal Pyrexia, &c.	7	11	10	14	8	11	17	11	12	10
Pneumonia	8	47	43	44	19	17	24	29	7	6
Erysipelas	1	8	3	3	10	6	4	2	4	3
Acute Poliomyelitis and Polioencephalitis	.	.	.	.	1	.	.	.	6	1
Cerebro-spinal Fever	.	.	.	2	.	.	.	.	1	2
Encephalitis Lethargica	.	.	1	.	1	.	.	.	.	.
Ophthalmia Neonatorum	6	5	2	5	6	2	2	9	8	2
Dysentery	.	.	.	.	.	.	.	.	.	.
Malaria	.	.	.	.	.	.	.	.	.	1

(b) Treatment, &c. of Notifiable Disease (excluding Tuberculosis).

		Total Notified	Treated at Home	Treated in Hospital	Deaths
Puerperal Pyrexia, &c.	..	14	1	13	2
Scarlet Fever	..	53	8	45	.
Diphtheria	..	6	1	5	.
Enteric Fevers	..	1	.	1	.
Pneumonia	..	6	2	4	2
Erysipelas	..	3	2	1	1
Anti-Poliomyelitis	..	1	.	1	.
Cerebro-spinal Fever	..	2	.	2	1
Ophthalmia Neonatorum	..	2	.	2	1*
Malaria	..	1	.	1	.
Totals		89	14	75	7

* Cause of death — Prematurity

(c) Age Distribution.

		Under 1 year	1-2 years	2-3 years	3-4 years	4-5 years	5-10 years	10-15 years	15-20 years	20-35 years	35-45 years	45-65 years	65 years and over	Totals
Puerperal Pyrexia, &c.	..	.	.	.	.	.	.	.	2	9	3	.	.	14
Scarlet Fever	..	.	.	1	1	4	28	13	4	2	.	.	.	53
Diphtheria	..	.	.	.	.	.	2	2	.	1	1	.	.	6
Enteric Fevers..	..	.	.	.	.	.	.	.	.	1	.	.	.	1
Pneumonia	..	1	.	.	.	.	.	.	.	.	3	2	.	6
Erysipelas	..	.	.	.	.	.	.	.	.	1	1	1	.	3
Acute Anti-Poliomyelitis	..	.	.	1	.	.	.	.	.	.	.	.	.	1
Cerebro-Spinal Fever	..	.	1	1	.	.	.	.	.	.	.	.	.	2
Ophthalmia Neonatorum	..	2	.	.	.	.	.	.	.	.	.	.	.	2
Malaria	..	.	.	.	.	.	.	.	.	.	.	1	.	1
Total		3	1	3	1	4	30	15	6	14	8	4	.	89

Ophthalmia Neonatorum.

Cases notified	...	...	...	2
Treated in Hospital	...	...	...	2
Vision unimpaired	...	...	...	2

Victoria Isolation Hospital.

(a) ADMISSIONS, 1939 :-

		City	Rural District	Other Districts	Total	Deaths
Scarlet Fever	...	42	17	11	70	—
Diphtheria	...	7*	18	11	36	1
Whooping Cough	...	—	1	—	1	—
Uræmia	...	1	—	—	1	—
Rubella	...	2	—	—	2	—
Enteric Fevers	...	2	—	—	2	—
Cerebro-spinal Fever	...	—	1	—	1	—
		54	37	22	113	1

* including 2 "Carriers."

(b) MAINTENANCE AND TREATMENT 1929-1939 (Financial years)

Year	Patients Treated	Patient Days	Average stay (days)	Average No. of patients per day	Gross cost per patient	Gross cost per patient per day
1929-1930	96	2465	26'0	6'7	£24/11/7	18/10
1930-1931	95	2516	26'5	6'9	£36/16/11	27/9
1931-1932	49	1434	29'2	3'9	£41/14/0	29/-
1932-1933	74	2090	28'2	5'7	£23/13/4	19/-
1933-1934	167	4697	28'1	12'8	£14/18/1	10/7
1934-1935	265	8785	33'1	24'0	£14/17/8	9/-
1935-1936	92	3541	38'5	9'7	£30/2/1	15/8
1936-1937	173	6165	35'6	16'9	£20/18/8	11/9
1937-1938	131	5157	39'3	14'1	£24/19/11	12/8
1938-1939	90	2853	31'7	7'8	£35/15/10	22/7
Average	123	3970	31'6	10'8	£26/16/9	17/8

TUBERCULOSIS.

1.—It has not been necessary to take any action during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925, nor under Section 172 of the Public Health Act, 1936.

2.—Notifications :-

	All Cases			Residents		
	M	F	Total	M	F	Total
Respiratory	14	7	21	12	3	15
Non-respiratory	8	4	12	5	3	8
Total	22	11	33	17	6	23

Sent by—Private Doctors 13 Other Doctors 20
Not notified during life 2

3.—Age at Notification and at Death (Residents) :-

Age	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Under 1 year	...	...	...	1	...	...	...	1
1 to 5 years	...	...	2	1	...	...	1	1
5 to 15 years	...	...	1	1	...	...	1	...
15 to 25 years	4	...	1	...	1	1	...	...
25 to 35 years	1	2	1	...	...	...	1	...
35 to 45 years	4	...	...	1	3	...	...	...
45 to 55 years	1	1	...	...	3	1	...	...
55 to 65 years	1	...	...	...	1	...	...	...
65 and upwards	1	...	...	...	1	...	...	...
Totals	12	3	5	4	9	2	3	2

4.—Deaths and Death-rate (Residents) :-

	Respiratory	Non-respiratory	Both types
Deaths	11	5	16
Death-rate per 1000 population ...	0'45	0'20	0'65

5.—Previous death-rates :-

1914-18 ...	0'98	1929-33 ...	0'69
1919-23 ...	0'74	1934-37 ...	0'61
1924-28 ...	0'69	1938-39 ...	0'28

6.—Cases of Tuberculosis on the Register on December 31st each year 1931-1939 (inclusive).

Year	MALES			FEMALES			BOTH SEXES		
	Respiratory	Non-Respiratory	Total	Respiratory	Non-Respiratory	Total	Respiratory	Non-Respiratory	Total
1931	42	14	56	11	10	21	53	24	77
1932	42	15	57	18	12	30	60	27	87
1933	34	9	43	22	8	30	56	17	73
1934	30	10	40	21	8	29	51	18	69
1935	30	11	41	17	9	26	47	20	67
1936	23	9	32	21	5	26	44	14	58
1937	15	8	23	24	6	30	39	14	53
1938	22	7	29	22	8	30	44	15	59
1939	27	6	33	21	7	28	48	13	61

METEOROLOGICAL RECORD, 1939.

Months	Barometer	Temperature				Hygrometer				Rainfall		Sunshine	Wind (Days)							
	Mean Pressure at Station Level 128 feet above M.S.L.	Highest Maximum	Lowest Minimum	Average Maximum	Average Minimum	Mean of obs. at 9 a.m.	Dry bulb	Wet bulb	Degree of Hum. Sat. = 100	No. of Days when Rain fell	Total Amount (inches)	Number of hours	N.	NE.	E.	SE.	S.	SW.	W.	NW
January	• 29.50	54	24	46.2	37.1	43.0	41.5	95	95	18	5.57	48.35	2	6	•	5	2	14	•	2
February	• 29.96	57	28	49.6	37.2	42.4	42.0	96	96	9	1.75	105.35	•	3	•	5	1	15	2	2
March	• 29.93	58	29	49.8	37.8	44.4	44.2	95	95	13	1.45	86.10	2	4	•	2	•	9	3	11
April	• 29.51	76	31	58.5	40.4	49.0	47.5	89	89	11	1.44	193.30	3	7	•	4	3	10	•	3
May	• 29.87	73	37	59.4	45.3	53.2	51.1	85	85	7	1.71	152.40	8	7	•	3	2	2	2	7
June	• 29.99	85	40	65.5	50.8	59.2	56.8	86	86	10	1.77	145.50	10	3	•	2	•	9	•	6
July	• 29.17	73	45	63.7	51.2	60.0	58.1	88	88	21	5.27	157.25	•	•	•	5	2	18	4	2
August	• 29.99	80	44	68.9	55.0	60.3	58.9	93	93	13	1.94	213.80	3	7	•	5	2	11	1	2
September	• 30.33	76	35	65.0	50.5	54.7	53.3	91	91	5	1.12	163.35	2	8	•	5	1	2	1	11
October	• 29.76	62	32	53.0	41.2	45.2	44.1	92	92	17	5.25	109.30	2	4	•	3	•	4	2	16
November	• 29.73	56	30	50.6	43.9	47.4	46.7	94	94	23	6.31	42.35	1	2	•	6	2	12	3	4
December	• 29.86	54	16	40.5	32.4	35.7	35.0	92	92	11	2.00	47.30	2	9	•	•	1	8	•	11
Year 1939	• 29.83	85	16	55.9	41.9	49.4	48.2	91	158	35.58	1464.35	35	60	•	45	16	114	18	77	

MATERNITY AND CHILD WELFARE COMMITTEE 1938-39

THE MAYOR: COUNCILLOR GRIFFITHS

CHAIRMAN: Councillor Crompton

Alderman Firmstone	Councillor Bremridge
Alderman Lansdell	Councillor Murray
Councillor Bones	Councillor Evans
Councillor Perkins	Mrs. Edmonds

Mrs. Gleadowe

DENTAL SERVICES.

Number of cases during the year 1939.

1. Number of all women and pre-school children who attended the Maternity and Child Welfare Dental Clinic during the year

(a) Expectant and Nursing Mothers	...	...	51
(b) Pre-school children	...	...	103

2. Expectant and nursing mothers—

(a) Number treated	...	...	29
(b) Number of teeth extracted	...	...	134
(c) Number of teeth filled	...	...	8
(d) Number of dentures fitted	...	...	5

3. Pre-school children—

(a) Number of fillings	...	...	27
(b) Number of extractions	...	...	118
(c) Number of other operations	...	...	14

1.—BIRTHS.

(a) Notifications.

i. Residents—Live Births	821
Still Births	14
Notified by—Midwives	301
Doctors & Parents	34
ii. Non-residents—Live Births	219
Still Births	21
Notified by—Midwives	228
Doctors & Parents	12

(b) Institutional Births.

	1935		1936		1937		1938		1939	
	R*	N.R.*	R.*	N.R.*	R.*	N.R.*	R.*	N.R.*	R.*	N.R.*
Ryl. Hants County Hsptl.	24	70	31	93	22	94	18	102	22	129
No. 1 St. Paul's Hill	8	43	18	59	19	60	20	48	31	46
Diocesan Maternity Home	—	9	...	19	...	16	...	22	...	16
Private Nursing Homes	22	21	34	21	30	44	34	52	23	53

* R—Residents N.R.—Non-Residents of Winchester.

(c) Registration of Births (RESIDENTS).

Number registered—Legitimate	303
Illegitimate	24
	— 327
Birth-rate (per 1,000 population)	13'4

(d) Still-Births.

12 or 36 per 1,000 notified resident births
 21 or 87 per 1,000 notified non-resident births
 33 or 57 per 1,000 all notified births

Associated Conditions—**(a) RESIDENTS.**

Accidental hæmorrhage	...	...	2
Toxæmia	...	...	2
Ante-partum hæmorrhage	...	...	3
Abnormality of cord	...	...	1
Monstrosity	...	...	1
Malposition of baby	...	...	1
Mental shock and anxiety	...	...	1
Cause not known	...	...	3

Treated at home—9 Treated in hospital—5

(b) NON-RESIDENTS

Toxæmia	...	...	...	4
Eclampsia	...	...	...	3
Prolapse of cord		...	...	1
Ante-partum hæmorrhage	...	...	...	3
Acute illness of mother	...	...	...	1
Malposition of baby, difficult delivery			...	5
Monstrosity	...	...	...	3
Cause not elicited		...	...	1
Treated in Maternity Home				1
Treated in Hospital				20

STILL BIRTH RATES 1916-1939 (3-year periods)

Year	Total notified births	Still- births	Rate per 1,000	Year	Total notified births	Still- births	Rate per 1,000
1916-18	1237	38	30·7	1928-30	1667	97	58·7
1919-21	1794	64	38·4	1931-33	1370	74	55·4
1922-24	1727	50	29·9	1934-36	1458	68	46·7
1925-27	1658	52	31·3	1937-39	1642	88	53·6

2.—DEATHS—Infantile Mortality.

(a) Rate per 1,000 live births—

All children	...	...	34·9
Legitimate children	...	...	37·5
Illegitimate children	...	...	nil

(b) Comparative Infantile Mortality rates—

England and Wales	...	...	50·0
126 County Boroughs and Great Towns including London	...	...	53·0
London ...	...	...	48·0
Smaller Towns	...	...	40·0
Winchester	...	...	34·9

(c) Cause of Infant Deaths—

Causes		Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under 4 weeks	1-3 months	3-6 months	6-9 months	9-12 months	Total under 12 months
Prematurity, Congenital											
Deformity, etc.	...	4	1	...	...	5	...	...	...	...	5
Intra-cranial											
Hæmorrhage	...	2	...	...	...	2	...	...	...	...	2
Tuberculous Meningitis	...	...	...	...	...	...	...	...	...	1	1
Pneumonia	...	...	...	...	...	...	...	1	...	...	1
Accident	...	...	...	...	...	...	1	...	...	...	1
Convulsions	...	...	...	...	...	...	...	...	1	...	1
Totals		6	1	...	...	7	1	1	1	1	11

3.—Health Visiting.

(a) Number of Health Visitors employed at the end of the year—

- i. By the City Council ... 2
- ii. By Voluntary Organisations ... none

These Officers devote half of their time to Maternity and Child Welfare work and half to School Work

(b) Home visiting by Health Visitors—

- i. To expectant mothers—First visits ... 35
Total visits ... 93
- ii. To children under 1 year of age—First visits ... 229
Total visits ... 1111
- iii. To children between the ages of 1 and 5 years—
Total visits ... 2300

(c) Infectious disease among mothers and of children under 5 years of age—

		Cases Notified	Cases Visited	Cases for whom home nursing was provided by the Council	Cases removed to Hospital
Rubella	...	1	1	...	...
Whooping Cough	...	17	17	...	...
Mumps	...	44	20	...	...
Chicken Pox	...	5	5	...	...
Scarlet Fever	...	6	6	...	1
Pneumonia	...	1	...	...	1
Puerperal Pyrexia	...	14	...	...	9
Ophthalmia Neonatorum	...	2	...	...	2
Poliomyelitis	...	1	...	...	1
Cerebro-Spinal Fever	...	2	...	...	2
Epidemic Diarrhœa	...	...	...	...	...

Both cases of Ophthalmia were treated in hospital; in one case the vision was unimpaired. The other baby died aged 2 weeks; the cause of death was prematurity.

4.—Infant Welfare Centres.

- (a) Number of Centres provided and maintained by the Council ... 1
- (b) By Voluntary Associations ... none
- (c) Total number of children who first attended at the Centre during the year and who, on the date of their first attendance were—
- | | | |
|-----------------------------------|-----|-----|
| under 1 year of age | ... | 144 |
| between the ages of 1 and 5 years | ... | 35 |
- (d) Total number of children under 5 years of age who attended at the Centre during the year and and who, at the end of the year were—
- | | | |
|---------------------|-----|-----|
| under 1 year of age | ... | 122 |
| over 1 year of age | ... | 282 |

(e) Attendances at the Centre—

	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Infants under 1 year ...	2638	2286	2091	2188	2607	2245	2249	2127	2158	1937	1340	2770
Children 1-5 years ...	1810	1885	1974	2699	2835	1707	2370	2864	3296	2322	2426	2736

5.—Maternity Homes and Hospitals.

(a) i Beds available in the Royal Hants County Hospital for the treatment of abnormal maternity cases (exclusive of labour and isolation beds)				...	...	10
ii Patients admitted				...	...	23
iii Cost				...	...	£324/5/6
(b) i Number of women admitted to Maternity Homes or Institutions for normal confinement				...	...	22
ii Cost				...	...	£74/2/6
(c) Total cost of all Institutional cases						£398/8/0

(d) Number of confinements in which treatment in hospital was necessary because of abnormalities since 1928—

Year	Notified births	Admissions	Percentage	Year	Notified births	Admissions	Percentage
1928	406	22	5·4	1934	342	24	7·0
1929	357	16	4·5	1935	295	24	8·1
1930	333	24	7·3	1936	349	30	8·5
1931	326	20	6·1	1937	317	24	7·5
1932	336	20	6·0	1938	338	17	5·0
1933	311	18	6·1	1939	335	23	6·8

(e) Separate Maternity Institutions provided by the Council				...	...	none
(f) Other Institutions with maternity wards provided by the Council				...	...	none
(g) Institutions provided by Voluntary Associations to which payment is made by the Council—						
i Number of Institutions				...	...	2
ii Number of maternity beds				...	...	15
(a) Normal complement before the emergency				...	...	14
(b) Complement at 31st December, 1939						15
iii Number of women admitted to these beds in 1939				...	...	45
iv Number of beds allocated to and reserved for expectant mothers in need of Hospital treatment				...	...	nil

6.—The Council does not provide Homes and Hospitals for sick and ailing children under 5 years of age, Convalescent Homes or Homes for mothers and babies. There are no day nurseries in the district.

7.—Home Nursing.

Number of Nurses employed at the end of the year for the nursing of expectant mothers and of children under 5 years of age, maternity nursing or the nursing of puerperal pyrexia—

i	By the Council	...	...	2
ii	By Voluntary Associations	...	...	2
	Number of patients attended by these Nurses	...	...	4

8.—Midwifery Services.

(a) Number of Midwives practising in the area at the end of 1939—

i	Attached to Institutions	...	...	10
ii	Others	...	...	6
	Number employed by the Council	...	...	8
	Number subsidised by the Council	...	...	nil
	Number employed by Voluntary Associations	...	...	2
	Number of cases in which the Council paid or contributed to the fee of a midwife	...	...	nil

(b) Corporation Midwives—

i	Number delivered by Midwives	...	...	105
	Number delivered by Doctors (Maternity nursing)	...	...	14
	Patients sent to hospital before labour	...	...	3
		during labour	...	2
		after delivery	...	1
	Miscarriages attended	...	...	3
ii	Visiting by Midwives—			
	To their patients	...	...	2196
	As maternity nurses in doctors' cases	...	...	250
	Pre-natal	...	...	402
	Post-natal	...	...	99
	Others	...	...	85
iii	Consultations—			
	For booking by patients	...	...	151
	Total all consultations and visits by patients			801

(c) Maternal deaths and death-rates—

Year	Notified births	Deaths	Year	Notified births	Deaths
1931	326	nil	1936	349	nil
1932	336	2	1937	317	1
1933	320	2	1938	338	1
1934	342	nil	1939	335	2
1935	295	nil			

Death-rates—2·7 per 1,000 total births 1931-39

6·0 per 1,000 total births 1939

9.—Pre-natal and Post-natal Services.

		Pre-natal	Post-natal
(a) Pre-natal and post-natal Clinics—			
i Number provided by the Council	...		1
ii Number provided and maintained by Voluntary Associations	...		nil
iii Total number of women who attended during the year	...	35	1
(b) Total number of expectant mothers pre-natally examined and of women post-natally examined during the year under arrangements made by the Council with private medical practitioners excluding cases in paragraph 9 (a) iii	...	54	13

10.—Supply of Milk and Food.

(a) Arrangements made for this service—

Terms of Supply	Exp.	Milk N.	Ch.	Meals (Dinners)	Other Food
i Free or at less than cost price in necessitous cases	yes	yes	yes	none	none
ii At cost price in other cases e.g. sale of dried milk at Centres	...	yes	yes		
	...	yes	yes		

(b) Total quantity of milk supplied during the year to expectant and nursing mothers and young children—

		Liquid (gallons) (under Circular 1840)	Dried (lbs.)	Dried (lbs.)
i By the Council	...	nil	2625	1112
ii By Voluntary Associations	...	nil	1112	NIL
			NIL	NIL

11.—Maternal Deaths.

(a) Number of women who died in, or in consequence of child-birth—

i	From Sepsis ...	...	1
ii	From other causes	...	1

Both died in Institutions.

12.—Child Life Protection.

(a) Number of persons who were receiving children at the end of the year ... 10

(b) Number of children—

i	at the end of the year ...	12
ii	who died during the year	none
iii	on whom inquest were held	none

(c) Number of Child Protection Visitors at the end of the year who were—

i	Health Visitors ...	2
ii	Female, other than Health Visitors	none
iii	Male ...	none

(d) No other persons or societies are authorised to visit under the existing Acts

(e) No legal proceedings were taken.

EDUCATION COMMITTEE 1938-39

THE MAYOR: COUNCILLOR GRIFFITHS

Alderman Pinsent (Chairman)	Rev. P. R. Wickham
„ Johnson	Mr. J. A. Sawyer
„ Firmstone	Rev. H. E. B. Hillary
„ Newton	Rev. A. Ibbett
Councillor Sankey	Mr. N. Lovell
„ Perkins	Mrs. Munt
„ Bristow	Miss R. E. Douglas
„ Smith	Miss D. M. Edmeades
„ Jeffery	Rev. J. H. B. Mace
„ Irving	Mr. H. H. Pells
„ Crompton	Mr. T. Atkinson
„ Evans	

SECTION A

Board of Education

MEDICAL INSPECTION RETURNS

Table I

MEDICAL INSPECTIONS OF CHILDREN ATTENDING
PUBLIC ELEMENTARY SCHOOLS

A.—ROUTINE MEDICAL INSPECTIONS

Number of inspections in the prescribed groups—

Entrants	...	...	...	...	341
Second age group	...	...	...	...	352
Third age group	...	...	...	...	271
				Total	964

Number of other routine inspections	...	...	...	<i>nil</i>
-------------------------------------	-----	-----	-----	------------

B.—OTHER INSPECTIONS

Number of special inspections	...	...	...	1586
Number of re-inspections	...	...	...	1710
				Total
				3296

B. Classification of the Nutrition of Children Inspected during the year in the Routine Age Groups.

Age-Groups	Number of Children inspected	Excellent No. per cent.		Normal No. per cent.		Slightly Sub-normal No. per cent.		Bad No. per cent.	
Entrants	341	23	6.7	252	73.9	62	18.1	4	1.1
Second Age-group	352	43	12.2	250	71.0	52	14.7	7	1.9
Third Age-group	271	26	9.5	218	80.4	26	9.5	1	0.3
Other Routine Inspections	.	.	.	.	.	.	.	.	.
Total	964	92	9.5	720	74.6	140	14.6	12	1.2

**MENTAL DEFICIENCY (NOTIFICATION OF CHILDREN)
REGULATIONS, 1928**

Statement of the number of children notified during the year ended 31st December, 1939, by the Local Education Authority to the Local Mental Deficiency Authority

Total number of children notified	...	...	<i>nil</i>
Diagnosis			Boys Girls
1. (i) Children incapable of receiving benefit or further benefit from instruction in a Special School—			
(a) Idiots	...	...	— —
(b) Imbeciles	...	...	— —
(c) Others	...	...	— —
(ii) Children unable to be instructed in a Special School without detriment to the interests of other children—			
(a) Moral Defectives	...	...	— —
(b) Others	...	...	— —
2. Feeble-minded children notified on leaving a Special School on or before attaining the age of 16	...	...	— —
3. Feeble-minded children notified under Article 3, i.e., "special circumstances" cases	...	...	— —
4. Children who in addition to being mentally defective were blind or deaf	...	...	— —
Total			<i>nil nil</i>

Table III.—Return of all Exceptional Children in the Area.

BLIND CHILDREN.

A blind child is one who is too blind to be able to read the ordinary school books used by children. This definition covers some children who are totally or almost totally blind and can only be appropriately taught in a school for blind children, and others who have partial sight and can be appropriately taught in a school for partially sighted children. Only the first class are included in this section.

At Certified Schools for the Blind	..	..	<i>nil</i>
At Public Elementary Schools	..	..	<i>nil</i>
At other Institutions	..	..	<i>nil</i>
At no School or Institution	..	..	<i>nil</i>

PARTIALLY SIGHTED CHILDREN.

Children who, though they cannot read ordinary school books or cannot read them without injury to their eyesight, have such power of vision that they can appropriately be taught in a school for the partially sighted.

Children who are able by means of suitable glasses to read the ordinary school books used by children without fatigue or injury are not included in this Table.

At Certified Schools for the Blind	..	..	1
At Certified Schools for the Partially Sighted	..	..	.
At Public Elementary Schools	..	..	.
At other Institutions	..	..	.
At no School or Institution	..	..	. — 1

DEAF CHILDREN.

A deaf child is defined by Section 69 of the Education Act, 1921, as one who is too deaf to be taught in a class of hearing children in an elementary school. This definition covers some children who are totally, or almost totally, deaf and can only be appropriately taught in a school for deaf children, and others who have partial hearing and can be appropriately taught in a school for partially deaf children.

At Certified Schools for the Deaf	..	..	<i>nil</i>
At Public Elementary Schools	..	..	<i>nil</i>
At other Institutions	..	..	<i>nil</i>
At no School or Institution	..	..	<i>nil</i>

PARTIALLY DEAF CHILDREN.

Children who can appropriately be taught only in a school for the partially deaf.

At Certified Schools for the Deaf	..	..	<i>nil</i>
At Certified Schools for the Partially Deaf	..	..	<i>nil</i>
At Public Elementary Schools	..	..	<i>nil</i>
At other Institutions	..	..	<i>nil</i>
At no School or Institution	..	..	<i>nil</i>

MENTALLY DEFECTIVE CHILDREN.**Feeble-minded Children.**

Mentally Defective children are children who, not being imbecile and not being merely dull or backward, are incapable by reason of mental defect of receiving proper benefit from the instruction in the ordinary Public Elementary Schools but are not incapable by reason of that defect of receiving benefit from instruction in Special Schools for mentally defective children.

				Total
At Certified Schools for Mentally Defective Children	..		2	
At Public Elementary Schools	..	..	13	
At other Institutions	..	..	.	
At no School or Institution	..	..	1	— 16

EPILEPTIC CHILDREN.**Children suffering from Severe Epilepsy.**

				Total
At Certified Special Schools	..	..	3	
At Public Elementary Schools	..	..	1	
At other Institutions	..	..	.	
At no School or Institution	..	..	.	— 4

PHYSICALLY DEFECTIVE CHILDREN.**A. TUBERCULOUS CHILDREN.****I.—Children suffering from Pulmonary Tuberculosis.**

(Including pleura and intra-thoracic glands.)

				Total
At Certified Special Schools	..	..	.	
At Public Elementary Schools	..	..	.	
At other Institutions	..	..	1	
At no School or Institution	..	..	1	— 2

II.—Children suffering from Non-pulmonary Tuberculosis.

				Total
At Certified Special Schools	..	..	2	
At Public Elementary Schools	..	..	4	
At other Institutions	..	..	.	
At no School or Institution	..	..	.	— 6

B. DELICATE CHILDREN.

				Total
At Certified Special Schools	..	..	.	
At Public Elementary Schools	..	..	6	
At other Institutions	..	..	.	
At no School or Institution	..	..	.	— 6

C. CRIPPLED CHILDREN.

Children (other than those diagnosed as tuberculous and in need of treatment for that disease) who are suffering from a degree of crippling sufficiently severe to interfere

materially with a child's normal mode of life, *i.e.*, children who generally speaking are unable to take part, in any complete sense, in physical exercise or games or such activities of the School curriculum as gardening or forms of handwork usually engaged in by other children.

					Total
At Certified Special Schools	..	..	..	5	
At Public Elementary Schools	..	..	..	9	
At other Institutions	..	..	..	.	
At no School or Institution	..	..	..	1	— 15

D. CHILDREN WITH HEART DISEASE.

					Total
At Certified Special Schools	..	..	..	.	
At Public Elementary Schools	..	..	..	12	
At other Institutions	..	..	..	.	
At no School or Institution	..	..	..	1	— 13

CHILDREN SUFFERING FROM MULTIPLE DEFECTS, *i.e.*,

Blindness (excluding partially sighted children).

Deafness (excluding partially deaf children).

Mental Defect (Feeble-minded).

Severe Epilepsy.

Active Tuberculosis.

Crippling (as defined in Section C above).

Heart Disease.

Combination of Defects	..	..	..	<i>nil</i>	
At Certified Special Schools	..	..	..	<i>nil</i>	
At Public Elementary Schools	..	..	..	1	
At other Institutions	..	..	..	<i>nil</i>	
At no School or Institution	..	..	..	<i>nil</i>	— 1

TABLE IV.

TREATMENT TABLES.

GROUP I.—MINOR AILMENTS (excluding Uncleanliness)

Disease or Defect	Number of defects treated, or under treatment during the year		
	Under the Authority's Scheme	Otherwise	Total
Skin—Ringworm, Scalp—			
i. X-Ray Treatment	...	...	...
ii. Other	...	...	...
Ringworm, Body	...	...	...
Scabies	...	...	13
Impetigo	...	...	38
Other skin diseases	...	4	66
Minor Eye Defects	...	13	59
Minor Ear Defects	...	7	35
Miscellaneous	...	16	534
Total	705	40	745

GROUP II.—DEFECTIVE VISION AND SQUINT (excluding Minor Eye Defects treated as Minor Ailments—Group I.)

Disease or Defect	Number of defects dealt with		
	Under the Authority's Scheme	Otherwise	Total
Errors of Refraction (including Squint)	54	1	55
Other Defect or Disease of the Eyes (excluding those recorded in Group I.)	1	1	2
Total	55	2	57
Number of Children for whom spectacles were			
(a) Prescribed	45	1	46
(b) Obtained	45	1	46

2.	Number found to require treatment	...	...	3031
3.	Number actually treated	...	...	1173
4.	Attendances made by children for treatment	...	...	2567
5.	Half-days devoted to—Inspection 45—Treatment 356	...	...	401
6.	Fillings—Permanent teeth 886—Temporary teeth 24	...	...	910
7.	Extractions—Permanent teeth 591—Temporary teeth 1936	...	...	2527
8.	Administration of general anæsthetics for extractions	...	...	101
9.	Other operations—Permanent teeth 141	...	...	...
	Temporary teeth <i>nil</i>	...	...	141

Table VI.—UNCLEANLINESS AND VERMINOUS CONDITIONS.

1.	Average number of visits per school made during the year by School Nurses	...	...	...	...	7
2.	Total number of examinations of children in the schools by School Nurses	...	...	...	...	5963
3.	Number of individual children found unclean	...	...	...	...	112
4.	Number of individual children cleansed under Section 87(2) and (3) of the Education Act, 1921	...	...	...	...	<i>nil</i>
5.	Number of cases in which legal proceedings were taken—					
	(a) Under the Education Act, 1921	...	...	...	...	9
	(b) Under School Attendance Byelaws	...	...	...	...	<i>nil</i>

SECTION B.

Table I.—Results of Routine Medical Inspections, 1939.

				Boys		Girls		Both sexes	
				Number	Per cent.	Number	Per cent.	Number	Per cent.
Clothing—									
	Satisfactory	..	..	475	99	487	100	962	99
	Unsatisfactory	..	..	2	.	.	.	2	.
	Dirty	..	..	.	.	.	.	.	.
	Verminous	..	..	.	.	.	.	.	.
Footwear—									
	Satisfactory	..	..	475	99	485	99	960	99
	Unsatisfactory	..	..	2	.	2	.	4	.
Cleanliness—									
	Head	Clean	..	473	99	481	98	954	99
		Dirty	..	.	.	3	1	3	.
		Nits	..	4	1	3	1	7	1
		Vermin	..	.	.	.	.	.	.
	Body	Clean	..	469	98	485	99	954	99
		Dirty	..	5	1	2	.	7	1
		Fleas	..	.	.	.	.	.	.
		Lice	..	3	1	.	.	3	.
Nutrition—									
	Excellent	..	..	36	8	56	11	92	10
	Normal	..	..	370	77	350	72	720	75
	Sub-normal	..	..	66	14	74	3	140	14
	Bad	..	..	5	1	7	.	12	1
Teeth—									
	No decayed teeth	..	..	198	41	192	39	390	40
	Less than 4 decayed teeth	..	..	209	44	182	37	391	40
	More than 4 decayed teeth	..	..	70	15	113	23	183	19
Nose and Throat—									
	Enlarged tonsils	..	..	42	9	35	7	77	8
	Adenoids	..	..	1	.	2	.	3	.
	Adenoids and enlarged tonsils	..	..	4	1	2	.	6	1
	Enlarged neck glands	..	..	18	4	18	4	36	4
	External eye diseases	..	..	2	.	1	.	3	.
Eyesight—									
	Good	..	..	287	92	301	91	588	91
	Medium	..	..	13	4	14	4	27	4
	Bad	..	..	13	4	15	4	28	4
	Diseases of the ear	..	..	1	.	2	.	3	.
	Defective speech	..	..	.	.	.	.	.	.
Mental condition—									
	Retarded 2 years..	..	..	.	.	1	.	1	.
	„ 3 years..	..	..	.	.	.	.	.	.
	Mentally deficient	..	..	1	.	.	.	1	.
Deformities—									
	Rickets	..	..	.	.	.	.	.	.
	Spinal curvature	..	..	6	.	1	.	1	.
	Other types	..	..	.	1	4	1	10	1
Tuberculosis—Respiratory system—									
	Definite	..	..	.	.	.	.	.	.
	Suspected	..	..	.	.	.	.	.	.
	Other types	..	..	.	.	.	.	.	.
	Organic heart disease	..	..	1	.	2	.	3	.
	Anæmia	..	..	2	.	3	.	5	.
	Bronchitis	..	..	.	.	.	.	.	.
	Nervous disease	..	..	.	.	.	.	.	.
	Diseases of the skin	..	..	.	.	2	.	2	.
	Other defects and diseases	..	..	1	.	1	.	2	.

SECTION B.
Table II.

	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Total number of children examined	924	932	874	924	1175	919	887	1162	904	999	898	1010	876	859	964
Clothing—Satisfactory ...	...	878	899	841	884	1133	890	870	893	971	887	1005	863	851	962
Unsatisfactory	...	46	33	31	40	42	29	17	11	28	11	5	13	8	2
Percentage	...	4	3	3	4	4	3	1	2	3	1	1	1	1	...
Footwear—Satisfactory ...	...	896	916	862	906	1161	909	881	1150	982	895	1006	866	847	960
Unsatisfactory	...	28	16	10	18	14	10	6	3	17	3	4	10	12	4
Percentage	...	3	1	1	2	1	1	...	1	2	1	...	1	1	...
Cleanliness (Head)—Clean	...	865	871	823	844	1105	866	846	1110	968	880	992	855	844	954
Dirty, nits, vermin	...	59	61	48	80	70	53	41	51	23	18	18	21	15	10
Percentage	...	6	6	5	8	6	5	4	4	3	2	2	2	2	1
*Teeth—No decayed teeth	...	302	308	320	304	287	376	391	543	415	446	489	347	318	390
Percentage	...	32	33	36	33	24	40	44	47	40	50	49	39	37	40
Less than 4 decayed teeth	...	377	379	327	375	407	353	325	432	318	273	304	312	317	391
Percentage	...	40	40	37	41	35	38	36	37	30	30	30	35	37	40
More than 4 decayed teeth	...	245	245	225	245	481	190	171	187	265	179	217	215	224	185
Percentage	...	26	26	25	26	41	20	19	16	26	20	21	24	26	19
Eyesight—Number of children examined	615	635	532	893	743	588	607	777	595	665	594	728	602	595	643
Good	...	521	557	467	848	639	537	557	713	548	531	642	543	548	588
Percentage	...	82	87	87	94	86	91	91	91	85	89	88	90	92	91
Medium	...	65	47	45	27	61	37	26	29	62	26	41	15	23	27
Percentage	...	10	7	8	3	8	6	4	4	8	4	6	2	3	4
Bad	...	29	31	20	18	43	14	24	35	30	37	45	44	24	28
Percentage	...	4	5	3	2	6	2	4	5	4	7	6	7	3	4

* In these tables the term "decayed" includes all teeth that have been lost as well as those showing existing caries.

SECTION C.

Infectious Diseases among Elementary School Children, 1939.

	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939
Notifiable Diseases—																
Scarlet Fever	16	48	22	23	14	8	18	12	26	28	65	48	42	31	9	40
Diphtheria	12	...	5	1	2	9	22	2	3	4	...	6	...	8	2	1
Enteric Fevers	...	...	1	1	...	2	...	...	...	1	...	...	1	...	1	...
Infantile Paralysis	...	...	...	1	...	...	...	...	...	...	1	...	...	...	3	...
Cerebro-Spinal Fever	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...
Pneumonia	...	...	2	10	6	3	2	6	9	6	2	4	2	...	1	...
Respiratory Tuberculosis	4	3	...	2	...	...	2	...	...	1	1	...	1	...	...	...
Non-Respiratory "	5	...	2	6	4	2	2	3	2	1	3	1	...	1	...	2
Non-notifiable Diseases—																
Measles	353	88	35	167	10	1	492	...	1	26	251	...	239	2	223	...
Whooping Cough	48	108	173	23	5	32	42	98	30	167	5	52	8	65	5	36
Chicken Pox	135	113	93	50	148	78	90	67	43	28	135	115	28	14	178	10
Rubella	...	...	127	220	...	9	...	6	...	102	162	1	1	1	2	1
Mumps	5	517	17	5	22	4	3	357	28	13	1	1	3	1	23	619

SECTION D.

SCHOOL NURSING WORK

1.—Visits to Schools by School Nurses.

i.	Routine medical inspections	...	...	60
ii.	Routine dental inspections	...	...	43
iii.	Cleanliness inspections—			
	(a) Special terminal inspections—			
	Visits to schools	...	...	44
	Number of children inspected	...	...	5186
	(b) Ordinary routine inspections—			
	Visits to schools	...	...	36
	Number of children inspected	...	...	777
iv.	In connection with infectious disease—			
	Visits to schools	...	...	6
	Number of children inspected	...	...	474
v.	Other visits	...	...	719

2. Visits to homes of School Children.

i.	Following up defects	...	...	187
ii.	Concerning infectious disease, sore throats, etc.	...	...	391
iii.	Concerning uncleanness	...	...	19
iv.	Absentees (suspected infectious disease)	...	...	659
v.	Other visits	...	...	901
vi.	Dental cases	...	...	1153

SECTION E.

SCHOOL CLINICS.

1.	Number of children treated at the Minor Ailment Clinic—			
	Minor surgical conditions	...	...	368
	Minor medical conditions	...	...	361
2.	Total attendances at—			
	Minor Ailment Clinic	...	...	6157
	Inspection Clinic	...	...	652
	Eye (Refraction) Clinic	...	...	186
	Dental Clinic	...	...	2523
3.	Medical certification—			
	For school attendance purpose	...	...	2100
	Employment out of school hours	...	...	65
	Exemption from school attendance (over 14 years)	...	...	76

4. Total Attendances made by Children—

Year	Minor Ailment Clinic for Treatment	Inspection Clinic for advice Certificates, &c.	Eye (Refraction) Clinic	Dental Clinic for advice and Treatment	Total Attend- ances
1927	4396	766	168	768	6098
1928	5302	656	110	696	6764
1929	6131	626	111	1488	8356
1930	7718	689	233	1287	9927
1931	6684	882	232	2035	9833
1932	6495	519	276	1968	9258
1933	5595	627	261	1779	8262
1934	5707	627	334	1755	8533
1935	5296	526	345	1805	7972
1936	5728	572	210	1656	8166
1937	5504	917	259	1605	8285
1938	4164	708	315	2584	7771
1939	6157	652	186	2523	9518
Average attendances 1927-39 (incl.)	5760	674	234	1688	8365