

[Report 1945] / Medical Officer of Health and School Medical Officer of Health, Swindon Borough.

Contributors

Swindon (Wiltshire, England). Borough Council.

Publication/Creation

1945

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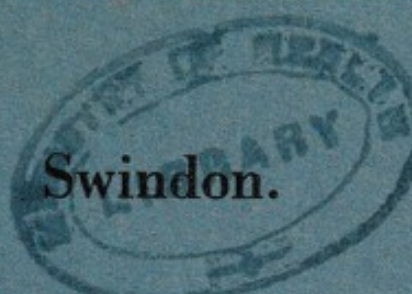
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OF

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1945

AND THE

Isolation Hospital Annual Report

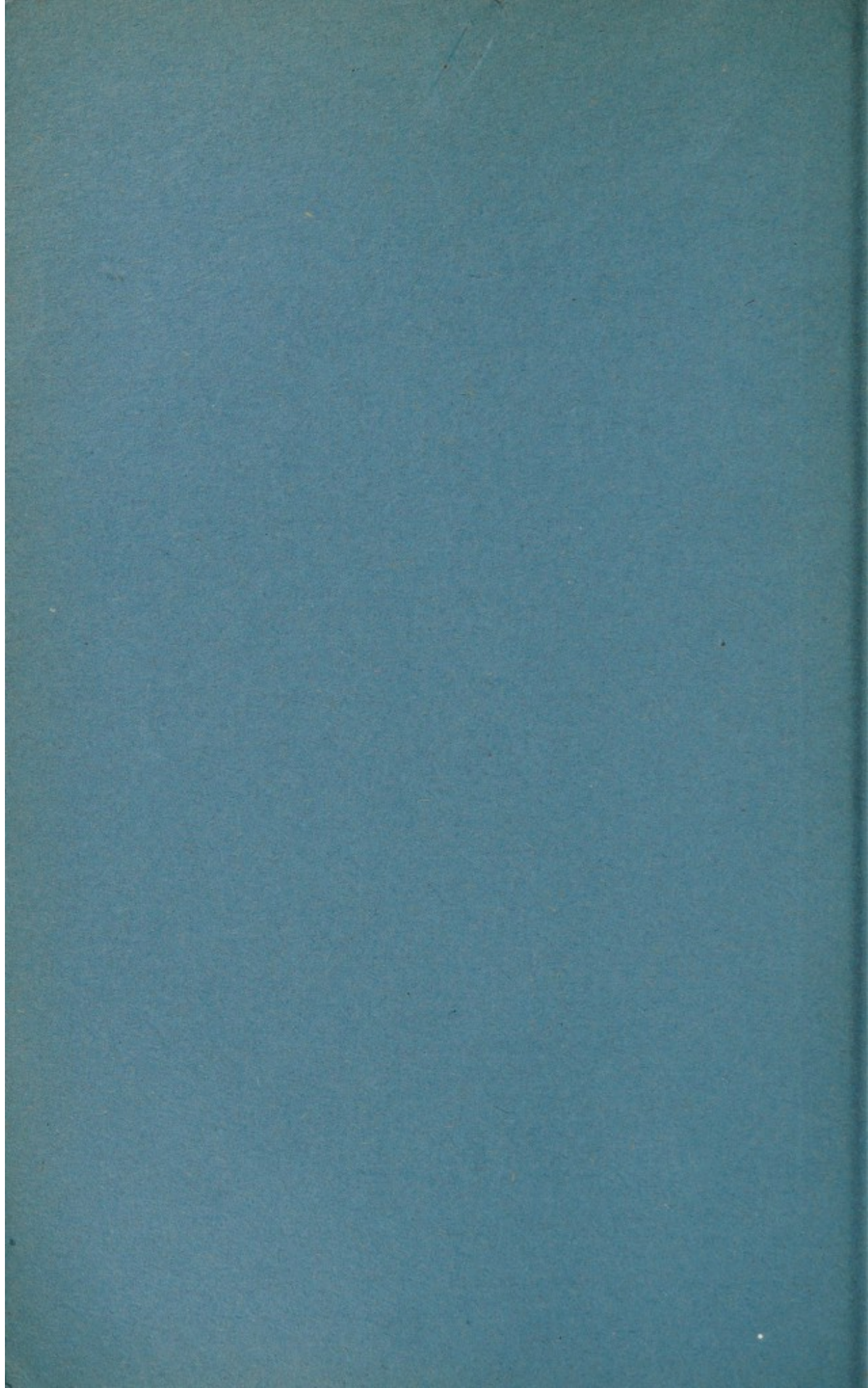
From the 1st April, 1945, to the 31st March, 1946

By LLYWELYN ROBERTS, M.D., M.R.C.P., D.P.H.

**Report of the
Chief Sanitary Inspector
FOR THE YEAR 1945.**

**Annual Report
of the School Medical Officer
FOR THE YEAR 1945.**

John Drew (Printers) Ltd., Swindon.



BOROUGH OF SWINDON

COMPOSITION OF COMMITTEES AND STAFF

HEALTH AND WELFARE COMMITTEE

His Worship the Mayor (Alderman C. R. PALMER, J.P.)

Alderman G. H. SELMAN (<i>Chairman</i>)	Councillor N. V. TOZE
" C. S. MACPHERSON	(<i>Vice-Chairman</i>)
" W. J. DAVIS	" W. R. ROBINS
" J. BOND	" A. J. L. TOMBS
" J. L. CALDERWOOD, B.A., LL.B.	" L. J. NEWMAN
Councillor J. S. T. FEWINGS	" Miss E. C. M. MILLIN
" H. W. PINNEGAR	" T. G. GAY
" Mrs. F. THOMAS	" H. V. BOND
" Mrs. L. A. GRIFFIN	" C. E. TOMES
" S. H. HARRISON	" H. THORPE
" Mrs. J. ROBINSON	" A. LEONARD
Councillor M. WEBB	

MATERNITY AND CHILD WELFARE SUB-COMMITTEE

(Consisting of all the members of the Health and Welfare Committee, and the following co-opted members);

Mrs. W. DRAPER, Mrs. H. A. SCHMITZ, Mrs. F. MORRIS,
Mrs. A. W. LEIGHFIELD (G.W.R. Medical Fund Society).

Town Clerk—D. MURRAY JOHN, Esq., O.B.E.

PUBLIC HEALTH DEPARTMENT

Medical Officer of Health—LLYWELYN ROBERTS, M.D., M.R.C.P., D.P.H.

Deputy Medical Officer of Health (*Temporary*)—ANGEL V. B. CRAWFORD,
M.B., D.P.H.Assistant Medical Officer of Health (*Temporary*)—ROSE M. DOMICAN,
M.B., D.P.H. resigned Aug. 1945.

Consultant Staff.

Ophthalmic Surgeon:

OLIVER B. PRATT, M.A., M.B., B.Ch., D.O. (Oxon.), M.R.C.S., L.R.C.P.

Orthopaedic Surgeon:—

M. F. FORRESTER BROWN, M.D. (Lond.), M.S.

Pediatrician:—

Dr. BERYL CORNER, M.D., M.R.C.P.

Consulting Ear, Nose and Throat Surgeon:—

A. LEIGH, Esq., F.R.C.S.

Speech Therapist:—

Miss GLADYS A. JANSSON, Bath, Associate of the British Society of Speech Therapists.

PUBLIC HEALTH DEPARTMENT.

STAFF—Continued.

Chief Sanitary Inspector :—

F. H. BEAVIS.

Additional Sanitary Inspectors :—

H. A. BANWELL

F. R. G. SELWOOD

E. H. HOLROYD

R. A. LAW

*Assistant Sanitary Inspector (Temporary)—A. E. WARMINGER**Dental Surgeons :—*

W. KENYON BERRIE, L.D.S., R.F.P.S.G.

KENNETH W. MASSEY, L.D.S.

G. BUIST WESTWATER, L.D.S., R.C.S.*

B. FERGUSON (Temporary) commenced 1/11/45.

*Senior Health Visitor and School Nurse—Mrs. W. M. LUMLEY.**Health Visitors and School Nurses :—*

Miss I. D. SAMPSON

Miss W. PARKINS

Miss A. HAWKINS

Miss J. D. WRIGHT, commenced 7/5/45

Miss D. E. WAITE

Miss E. JONES, commenced 14/5/45

*Temporary Health Visiting and School Nursing Duties—Mrs. L. M. DAY.**Social Welfare Worker—Miss A. J. ORR.**Municipal Midwives :—*

Miss O. M. TREDELL, Extern Service of Maternity Home.

Miss D. M. FOOKS,

"

"

"

"

Miss N. NEAL

"

"

"

"

Miss F. M. TONGE, commenced 9/5/45

Mrs. A. V. INGRAM

Mrs. H. M. M. MORTIMORE

Miss W. I. SHEPPARD

Matron, Swindon Municipal Maternity Home and Training Centre :—

Miss D. HANCOCK.

Matron, Swindon Isolation Hospital :—

Miss F. A. SMITH.

Matrons, War-time Nurseries :—

Upham Road

Mrs. S. BARNES, State Registered Fever-trained.

Broad Street

Miss E. W. CHIVERS

Pinehurst

Miss F. R. H. CHAPPELL, S.R.N.

PUBLIC HEALTH DEPARTMENT.

STAFF—Continued.

Clerical Staff:—

Head Clerk—S. MANSFIELD DEE

Senior Clerk Public Health Service—W. M. WATTS.

Assistant Clerks—W. H. PAUL*

A. M. R. JONES*

D. A. OWEN*

Temporary Staff—Mrs. M. P. H. DALE (left the service, Dec., 1944).

Miss L. M. RAWLINGS

Mrs. M. E. SHARPE

Mrs. C. M. GAIN

Miss M. COLLINS (left the service 28/7/45)

Mrs. D. M. MORTIMER (left the service 8/9/45)

Miss P. J. RUSSELL (commenced 27/8/45)

Senior Clerk School Medical Service—J. W. DAY*

Clinical Clerks	.....	Miss G. L. NORRIS
" " (Temporary)	.....	Mrs. E. M. STEPHENS
" " "	.....	Miss E. H. BARNES
" " "	.....	Miss A. HILLIER
" " "	.....	(left the service 23/6/45)
" " "	.....	Miss J. DRAPER
Dental Attendants	.....	Mrs. E. FURLEY
(Temporary)	.....	Mrs. H. JAMES
Needlework Demonstrator	.....	Miss M. JOBSON
Disinfectors	.....	A. C. MOLE*
Rat Catcher	.....	S. F. WAKEFIELD

* On Active Service.

BOROUGH OF SWINDON.

**ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH for the Year 1945.**

Public Health Department,
Civic Offices,
SWINDON.

*To the Mayor, Aldermen and Councillors of the
Borough of Swindon.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present the Annual Report for the year 1945 which has been prepared on the lines suggested by the Ministry of Health Circular 0000.

It is still not possible to present as full an annual report as one did in the days before the War, but the general health statistics of the town are fully recorded.

As mentioned in my previous Annual Report all the records are carefully preserved for future reference.

Certain alterations occurred in the staff of the Public Health Department during the year. Doctor R. M. Domican, who was appointed in October, 1944, resigned in August, 1945. Mr. B. Ferguson, L.D.S., was appointed as Temporary Dentist in November, 1945, owing to the continued absence on war-service of Mr. G. B. Westwater.

Two Health Visitors, Miss J. D. Wright and Miss E. Jones, also commenced duties during this year.

Certain members of the Staff were still on war-service and their places have been temporarily filled by temporary staff.

Notes on the Vital Statistics.

On the whole, the statistics for the year follow the general trend of the National Statistics, but there are certain interesting and noteworthy points. Following the very high birth rate of 1944 it was not surprising to find that the number of births had declined and the birth rate had decreased from 21.02 (1944) to 17.68 for 1945.

On the other hand, the Infant Mortality Rate is the lowest in the history of the town and it is very gratifying to report that there were no maternal deaths during the year.

The still-birth rate is also a more satisfactory figure.

There is one point that reflects the disturbed state of the time, namely the high illegitimate rate amounting to the unprecedented percentage of 12.68 of the total births, in other words, of the 1,159 births which were accredited to Swindon, 147 were illegitimate. Each of these births presents a double problem; the question of the mother's care, before, during and after the birth has to be considered and also the welfare and future of the child often presents a serious problem.

To assist in this matter the Council have appointed a Social Worker, and made arrangements for facilitating adoption and have also assisted in the matter of providing satisfactory foster mothers. It is therefore gratifying to report that the illegitimate death rate is low, comparing very favourably with the Infant Death Rate from all causes.

Death Rate.

The all-over death rate has slightly increased from the low level of 1944. This is almost entirely due to the increase in the number of deaths which have occurred from heart disease. Many other causes of death show a definite decline, although there has been a small increase in the number of deaths from cancer.

Amongst the causes of death which show a decline are the deaths from road traffic accidents. The number of deaths from this cause in 1944 were 12, whereas in 1945 only 3 such deaths have been reported.

Infectious Diseases.

DIPHTHERIA—Only 15 cases of diphtheria were notified during the year and of these only 3 were confirmed cases, and not a single death from diphtheria nor from scarlet fever occurred.

No cases of typhoid or paratyphoid were notified.

The number of cases of puerperal pyrexia also shows a decline from the previous year, but it must be remembered that there were fewer births in 1945.

The number of notified cases of dysentery remains about the same and as was mentioned in my report for 1944, there must be many cases of this condition which are not notified.

The number of cases of measles declined from 759 in 1944, to 437 in 1945, and there were no deaths in either year.

Whooping Cough similarly showed a decline from 119 in 1944, to 89 in 1945, and again it is pleasant to record that there were no deaths from this disease in either year.

The total number of cases of notified Infectious Diseases is 753, of which 77 were admitted into hospital. There were 33 deaths, all but two of which were due to pneumonia. The other two deaths being due to cerebro-spinal fever and polioencephalitis.

Tuberculosis.

There were more cases of tuberculosis notified during this year than for any of the previous war years. This is very likely due to the fact that mass radiography was employed in the town and a number of cases, which presumably were in the early stages, were discovered.

The death rate from respiratory tuberculosis shows no increase.

Owing to staffing shortage at the Winsley Sanatorium the Committee was compelled to suspend admissions and at the end of the year the two Swindon beds were unoccupied.

Water Supply.

The water supply of the area has been satisfactory in quality and quantity. The service is a piped one and no dwelling in the Borough is without water supply. There are altogether 21 wells in the area and 35 houses are totally supplied from wells. Approximately, the population supplied by public water mains (1) direct to the house, is 66,880, (2) by means of standpipes, 100.

30 examinations of the water supply have been carried out during the year and bacteriological examinations of the water have been satisfactory. The chemical evaluations have been satisfactory apart from the fact that there has been some deposit of iron in the water which at times causes it to be slightly unpalatable but which cannot be considered a danger to health. The water is a hard one and has no plumbo solvency.

It has not been necessary to take any action in respect of contamination during the year.

The year under review has shown no amelioration of the staff difficulties which I have mentioned in previous reports, and which are becoming a feature of the annual reports of most Medical Officers. The scope of the work has increased and the further responsibilities have been accepted most willingly by all the staff, clerical and technical. I would like to take this opportunity of thanking them most sincerely for without their earnest co-operation it would not have been possible to carry on.

I also would like to thank the Health Committee and the Education Committee for their understanding and unfailing support and co-operation.

I am,

Your obedient Servant,

LLYWELYN ROBERTS,
Medical Officer of Health.

CIVIC OFFICES,
SWINDON.

VITAL STATISTICS.

Registrar-General's estimate of population for 1945	65,520
Census, 1931	62,401

Tables of Comparison.

Births and Deaths—	Total				Rate			
	1945	1944	1943	1942	1945	1944	1943	1942
Live Births	1159	1409	1187	1174	17.68	21.02	17.56	17.03
Deaths	741	729	739	765	11.31	10.87	10.93	11.09
Maternal Deaths—								
From Puerperal Sepsis	—	2	1	—	—	1.37	0.83	—
Other Puerperal Causes	—	3	2	3	—	2.06	1.65	2.48
Infant deaths under 1 year	38	49	60	44	32.79	34.78	50.55	37.48
Deaths within 10 days of birth	19	26	28	23	—	—	—	—
Stillbirths	33	48	23	36	—	—	—	—
Deaths from diarrhoea in children under 2 yrs.	—	3	5	1	—	—	—	—
Deaths from cancer	125	121	110	114	—	—	—	—
" " measles	—	—	—	—	—	—	—	—
" " whooping cough	—	1	1	1	—	—	—	—
	1945	1944	1943	1942	1941	1940	1939	
No. of births	1159	1409	1187	1174	1107	958	848	
Birth Rate	17.68	21.02	17.56	17.03	15.75	14.77	14.04	
No. of illegitimate births	147	106	85	55	62	39	39	
Illegitimate birth rate (per 1,000 population)	2.24	1.58	1.26	0.80	0.87	0.60	0.66	
Illegitimate birth rate (per 100 total births)	12.68%	7.52%	7.16%	4.68%	5.6%	4.07%	4.59%	
No. of births in Maternity Home	488	566	489	563	636	675	581	
Death Rate	11.31	10.87	10.93	11.09	11.43	15.35	12.54	
Infant Mortality Rate	32.79	34.78	50.55	37.48	55.75	61.43	38.42	
Illegitimate death rate	27.21	75.47	94.12	90.90	112.90	102.56	25.0	

HEALTH INDICES.

Physicians available per 10,000 population	3
Public Health nurses per 10,000 population	1
Percentage of infants under 1 year attending clinics	75%
Percentage of expectant mothers receiving pre-natal nursing care under Corporation scheme	53%
Diphtheria Immunisation:	
Percentage of children under 5 years immunised	36%
Percentage of immunisations performed on children 5-15	68%

CAUSES OF DEATH, 1945.

(Registrar-General's Official Returns).

CAUSES	Males	Females	Total
Typhoid and Paratyphoid fever	—	—	—
Cerebro-spinal fever	1	—	1
Scarlet Fever	—	—	—
Whooping Cough	—	—	—
Diphtheria	—	—	—
Tuberculosis of Respiratory system	17	5	22
Other forms of tuberculosis	5	3	8
Syphilitic diseases	1	—	1
Influenza	5	2	7
Measles	—	—	—
Acute polio-myelitis and polioencephalitis	—	1	1
Acute infantile encephalitis	—	—	—
Cancer of Buccal cavity and Oesophagus	5	—	5
„ of uterus	—	12	12
„ of stomach and duodenum	13	11	24
„ of breast	—	8	8
„ of all other sites	44	32	76
Diabetes	2	—	2
Intracranial vascular lesions	37	44	81
Heart disease	115	113	228
Other diseases of circulatory system	11	8	19
Bronchitis	19	15	34
Pneumonia	16	15	31
Other respiratory diseases	4	5	9
Ulcer of stomach or duodenum	5	—	5
Diarrhoea under two years	—	—	—
Appendicitis	1	2	3
Other digestive diseases	7	10	17
Nephritis	9	8	17
Puerperal and post-abortion sepsis	—	—	—
Other maternal causes	—	—	—
Premature birth	9	8	17
Congenital malformation, birth injury, infantile disease	6	6	12
Suicide	2	3	5
Road traffic accidents	—	3	3
Other violent causes	7	2	9
All other causes	43	35	78
	384	357	741

INFECTIOUS DISEASES.

Table showing the number of cases notified in the Borough during the year 1945.

Disease	Cases notified at various ages. (Years)						Total cases notified	No. of cases admitted to Hospital.	No. of Deaths.
	Under 1	1-3	3-5	5-10	10-15	15-25	25 and upwards		
Smallpox	...	...	...	5	3	2	2	15	...
Diphtheria	...	3	...	...	...	...	...	(3 confirmed)	...
Scarlet Fever	...	...	10	22	7	3	1	43	...
Enteric Fever (including paratyphoid)	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	...	...	...	...	...	9	20	29	...
Pneumonia	9	10	7	4	2	9	39	80	31
Erysipelas	...	...	...	1	...	...	16	17	...
Cerebro-spinal Fever	...	...	1	1	...	...	...	2	1
Poliomyelitis	...	...	1	...	...	...	1	1	...
Polio-encephalitis	...	...	...	...	...	...	1	1	1
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...
Dysentery	1	13	7	7	...	4	4	36	...
Ophthalmia Neonatorum	2	...	...	...	...	1	...	2	...
Malaria	...	...	...	...	...	...	...	1	...
Measles	29	114	179	102	9	2	2	437	...
Whooping Cough	25	24	24	16	...	...	...	89	...
TOTALS	66	164	229	158	21	32	83	753	33

TABLE SHOWING MONTHLY INCIDENCE OF INFECTIOUS DISEASES AND THE NUMBER OF DEATHS
DURING 1945.

DISEASE.	NUMBER OF CASES.												Total	No. of Deaths.
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Smallpox	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever	5	3	2	4	3	...	...	6	3	3	3	11	43	...
Diphtheria	4	3	...	1	1	2	1	...	...	2	...	1	15	...
Enteric Fever	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(including paratyphoid)	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Pyrexia	6	5	2	4	3	...	1	2	1	3	1	1	29	...
Pneumonia	24	3	9	6	5	7	6	3	4	2	4	7	80	31
Erysipelas	2	2	2	1	2	...	1	1	...	...	4	2	17	...
Cerebro-spinal Fever	...	...	...	...	...	...	...	...	...	...	...	2	2	1
Polio-myelitis	...	...	...	...	1	...	...	...	...	...	...	...	1	...
Polio-encephalitis	...	...	1	...	...	...	...	...	...	...	...	...	1	1
Encephalitis Lethargica	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Dysentery	...	...	7	1	...	15	6	1	3	...	...	4	36	...
Ophthalmia Neonatorum	...	...	...	...	...	...	1	...	1	...	...	...	2	...
Malaria	...	...	...	...	...	...	...	...	...	...	...	...	1	...
Measles	3	5	15	54	124	122	42	20	4	17	26	5	437	...
Whooping Cough	6	5	15	9	17	8	10	6	5	1	6	1	89	...
TOTALS	50	26	53	80	156	155	67	39	21	28	44	34	753	33

TUBERCULOSIS.

	1945	1944	1943	1942	1941	1940
Number of cases notified	100	84	94	84	96	79
Respiratory Tuberculosis	80	72	75	62	71	58
Deaths from Respiratory Tuberculosis	22	24	23	29	27	30
Deaths from Tuberculous Meningitis	3	1	2	4	9	2
Total Deaths	30	32	26	34	40	36
General death rate from all forms of Tuberculosis	0.46	0.48	0.38	0.49	0.57	0.56
Death rate for Respiratory Tuberculosis	0.34	0.34	0.34	0.42	0.38	0.46

ANALYSIS OF DIPHTHERIA—CONFIRMED CASES, 1945.

	Under 1 yr. M. F.	1-3 M. F.	3-5 M. F.	5-10 M. F.	10-15 M. F.	15-25 M. F.	25 and over M. F.	Total M. F.
Quarter ending 31/3/45	—	—	—	—	—	—	—	—
Quarter ending 30/6/45	—	—	—	1	—	—	1	1
Quarter ending 30/9/45.	—	1	—	—	—	—	—	1
Quarter ending 31/12/45.	—	—	—	—	—	—	—	—
	—	1	—	—	—	—	1	2

Diphtheria Immunisation.

A gratifying increase in the number of attendances for "complete protections" has occurred during the year and the number of tests conducted to discover whether the child is completely immunised (Schick test) also shows an increase.

The diagram used for the first time in 1944 to show the state of immunisation in the town has been set out to show the number of immunisations carried out in 1945, and the state of immunity among the children.

The attendances at the immunisation clinic for the year were as follows:—

Total number of attendances	4230
Total number of children completely immunised	1016
(a) Under 5 years of age	661
(b) Over 5 years	355
Total number of Schick tests performed	818
Negative	717
Positive	1
Results not known	100

Treatment of Scabies.

Since the inception of this clinic, the bathing of the men has been undertaken by one of the Civil Defence personnel and upon the closing down of the organisation it was decided to appoint a male attendant in addition to the female attendant.

There is still a demand for the treatment of skin conditions and, although the figures are not as high as during the war years, there is a slight increase in the number of cases and attendances over last year.

	<i>No. of cases.</i>	<i>No. of attendances.</i>
Men	246	274
Women	493	541
Children:—		
School children	454	494
Infant Welfare cases	171	187
	1364	1496

Ambulance and Transport Service.

The transport work carried on by or in conjunction with the Health Services is as follows:—

Borough Ambulance Service.

Four ambulances—Talbot 1933, Wolseley (converted private car) 1941, Sunbeam (1931 private car converted in 1943 into a

NUMBER OF CHILDREN IMMUNISED EACH YEAR, COMMENCING 1931.

[illegible]

UNITED STATES

DEPARTMENT OF COMMERCE

Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415	2416	2417	2418	2419	2420	2421	2422	2423	2424	2425	2426	2427	2428	2429	2430	2431	2432	2433	2434	2435	2436	2437	2438	2439	2440	2441	2442	2443	2444	2445	2446	2447	2448	2449	2450	2451	2452	2453	2454	2455	2456	2457	2458	2459	2460	2461	2462	2463	2464	2465	2466	2467	2468	2469	2470	2471	2472	2473	2474	2475	2476	2477	2478	2479	2480	2481	2482	2483	2484	2485	2486	2487	2488	2489	2490	2491	2492	2493	2494	2495	2496	2497	2498	2499	2500	2501	2502	2503	2504	2505	2506	2507	2508	2509	2510	2511	2512	2513	2514	2515	2516	2517	2518	2519	2520	2521	2522	2523	2524	2525	2526	2527	2528	2529	2530	2531	2532	2533	2534	2535	2536	2537	2538	2539	2540	2541	2542	2543	2544	2545	2546	2547	2548	2549	2550	2551	2552	2553	2554	2555	2556	2557	2558	2559	2560	2561	2562	2563	2564	2565	2566	2567	2568	2569	2570	2571	2572	2573	2574	2575	2576	2577	2578	2579	2580	2581	2582	2583	2584	2585	2586	2587	2588	2589	2590	2591	2592	2593	2594	2595	2596	2597	2598	2599	2600	2601	2602	2603	2604	2605	2606	2607	2608	2609	2610	2611	2612	2613	2614	2615	2616	2617	2618	2619	2620	2621	2622	2623	2624	2625	2626	2627	2628	2629	2630	2631	2632	2633	2634	2635	2636	2637	2638	2639	2640	2641	2642	2643	2644	2645	2646	2647	2648	2649	2650	2651	2652	2653	2654	2655	2656	2657	2658	2659	2660	2661	2662	2663	2664	2665	2666	2667	2668	2669	2670	2671	2672	2673	2674	2675	2676	2677	2678	2679	2680	2681	2682	2683	2684	2685	2686	2687	2688	2689	2690	2691	2692	2693	2694	2695	2696	2697	2698	2699	2700	2701	2702	2703	2704	2705	2706	2707	2708	2709	2710	2711	2712	2713	2714	2715	2716	2717	2718	2719	2720	2721	2722	2723	2724	2725	2726	2727	2728	2729	2730	2731	2732	2733	2734	2735	2736	2737	2738	2739	2740	2741	2742	2743	2744	2745	2746	2747	2748	2749	2750	2751	2752	2753	2754	2755	2756	2757	2758	2759	2760	2761	2762	2763	2764	2765	2766	2767	2768	2769	2770	2771	2772	2773	2774	2775	2776	2777	2778	2779	2780	2781	2782	2783	2784	2785	2786	2787	2788	2789	2790	2791	2792	2793	2794	2795	2796	2797	2798	2799	2800	2801	2802	2803	2804	2805	2806	2807	2808	2809	2810	2811	2812	2813	2814	2815	2816	2817	2818	2819	2820	2821	2822	2823	2824	2825	2826	2827	2828	2829	2830	2831	2832	2833	2834	2835	2836	2837	2838	2839	2840	2841	2842	2843	2844	2845	2846	2847	2848	2849	2850	2851	2852	2853	2854	2855	2856	2857	2858	2859	2860	2861	2862	2863	2864	2865	2866	2867	2868	2869	2870	2871	2872	2873	2874	2875	2876	2877	2878	2879	2880	2881	2882	2883	2884	2885	2886	2887	2888	2889	2890	2891	2892	2893	2894	2895	2896	2897	2898	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temporary ambulance), Austin 1943 utility type—are stationed at the Isolation Hospital. As in previous years a twenty-four hour service was continued.

Work carried out by the Borough Ambulances—

- (i) transport of infectious disease ;
- (ii) transport of accidents ;
- (iii) transport of persons to and from hospitals and Maternity Home ;
- (iv) transport of bedding and clothing for fumigation.

Work carried out by the Civil Defence Service—

Assisting in emergencies in all the work of the Borough ambulance and also

- (i) occasionally conveying patients to the Emergency Maternity Homes ;
- (ii) conveying midwives when necessary ;
- (iii) conveying children to the War-time Nurseries ;
- (iv) conveying vitamins to the depots in the town and the surrounding area ;
- (v) assisting in the transport of staff to the cooking depots and of food to the War-time Nurseries.

Transport work carried out by the Voluntary Car Pool (V.C.P.)—

- (i) transport of sick persons to and from hospitals and out-patients departments ;
- (ii) transport of mothers to Bradford-on-Avon Emergency Maternity Home ;
- (iii) transport of persons who are obliged to travel and who are too ill to do so safely in public conveyances.

Upon the cessation of the Civil Defence service and the closing down of the Voluntary Car Pool the responsibility for the following services was taken over by the Medical Officer of Health's Department :—

- (i) transport of food and children to the War-time Nurseries ;
- (ii) transport of vitamins to the selling depots in the Borough and the surrounding districts ;
- (iii) transport of personnel to the cooking depot ;
- (iv) transport of mothers to Bradford-on-Avon and to the Swindon Maternity Home ;
- (v) transport of patients to and from hospitals and out-patient departments ;
- (vi) transport of midwives.

To cover this increased work one converted ambulance and two sitting-case cars were taken over from the Civil Defence organisation and three women drivers employed.

The following table gives comparative figures of the journeys made by the Borough ambulances :—

	1945	1944	1943	1942	1941	1940
Transport of Infectious cases	148	229	254	195	419	870
Transport of Non-Infectious cases	1270	701	1202	1097	907	846
Transport of bedding for disinfection and laundry	1788	748	1127	1380	4072	1910
Civil Defence ambulance journeys for transport of non-infectious cases —	—	543	437	332	293	—

The following is a record of the mileage undertaken by the subsidiary vehicles now included in the Medical Officer of Health's transport service :—

British Restaurants	942
War-time Nurseries	2562
Food Office	1280
Removal of Patients to hospitals	1188
Conveyance of Midwives	392
Convalescent Home	177
Conveyance of Doctors	141
Conveyance of Patients to Bradford-on-Avon	146
Special journeys for other Departments	275
Service maintenance	53

Bacteriological Examination.

Number of specimens examined during the year, 1945 :—

Swindon and North Wilts Victoria Hospital	2049
St. Margaret's Hospital, Stratton	191
G.W.R. Medical Fund Society	840
Isolation Hospital	472
Swindon Maternity Home	199
Public Health Department	736
Military Units	87
Private Practitioners	179
Eastcott Hill Clinic	155
	4906

Analysis of Water and Sewage Effluent. Resignation of Mr. W.R. Bird.

Following the resignation of Mr. W. R. Bird, who had been Water Analyst to the Swindon Corporation for over 20 years, arrangements were made for the analysis of water as follows :—

- (a) bacteriological analysis to be carried out at the Pathological Laboratory.
- (b) Chemical analysis to be performed by the Public Analyst for the Borough.

Insulin.

The facilities for providing insulin free or at a reduced rate continued during 1945 and four cases were assisted under the scheme.

Examination of Staff.

The following medical examinations were undertaken by the medical officers during 1945 :—

Nursing staffs, Maternity Home, Isolation Hospital, Health Visitors, Midwives, War-time Nurseries	43
Superannuation and other examinations for other Corporation Departments	178

Convalescent Home.

Although it has not been possible to open the Convalescent Home, it is hoped that the Home will be ready to accept patients in 1946.

MATERNITY AND CHILD WELFARE.

I would like to mention my thanks to the North Wilts District Nursing Association who have given us assistance over occasional maternity cases which had to be treated at home and where it was not desirable for a midwife to attend because of the danger of infection.

Swindon Municipal Maternity Home.

	<i>Borough</i>	<i>County</i>	<i>Evacuees</i>	<i>Totals</i>
No. of cases in the Home on 1st January, 1945	20	4	—	24 patients 19 infants
No. of Maternity cases ad- mitted during the year	390	130	2	522
No. of expectant mothers admitted for hospital treatment during the year (included above)	63	35	—	98
No. of cases remaining in the Home on 31st December, 1945	21	4	—	25 patients 23 infants
No. of cases delivered by :—				
(a) Midwives	321	110	2	433
(b) Doctors	45	10	—	55
No. of cases admitted after delivery	1	—	1	2
No. of cases in which medical assistance was sought by midwives	170	71	—	241

	<i>Borough</i>	<i>County</i>	<i>Evacuees</i>	<i>Totals</i>
No. of cases notified as Puerperal Pyrexia	14	4	—	18
No. of cases notified as ophthalmia neonatorum	2	—	—	2
No. of cases of pemphigus neonatorum	—	—	—	—
No. of infants who have at any time received a supplementary or complementary feed while in the Maternity Home	59	23	—	82
No. of infants wholly breast-fed on leaving the Home	270	82	—	352
No. of infants wholly artificially fed	24	8	—	32

There were no maternal deaths.

There were 14 stillbirths and 9 infant deaths.

Causes of death :—

Stillbirths—	Prematurity	1
	Accidental Haemorrhage	2
	Congenital Malformation	4
	Macerated foetus	3
	Injury at birth	2
	Maternal toxæmia	1
	Post maturity	1
Infant deaths—	Prematurity	3
	Congenital Malformation	4
	Injury at birth	1
	Asphyxia	1

A new method of recording details of ante-natal care, the labour and puerperium has been used in the Maternity Home and in this way it will be easier to obtain certain important statistics, and to compare them year by year. The following statistics are included this year in order to give a better picture of the work that is carried out in the Maternity Home, and the type of patient that is admitted :—

STATISTICS RELATING TO THE BOROUGH OF SWINDON MATERNITY HOME FOR THE YEAR, 1945.

1. **Number of Married and Single Women admitted during the year.**
Married—488. Single—34. Total—522.
2. **Number of Booked and Emergency cases admitted during the year.**
Booked—451. Emergency—71. Total—522.
3. **Number of Borough and County cases, etc., admitted during the year.**
Borough—390. County—130. Evacuee—2.
Total—522 (including 63 Borough and 35 County patients admitted for ante-natal treatment.)
4. **Sets of twins born during the year.**
(a) Male—3. (b) Female—3. (c) Male and Female—2.
Total—8.
1 set of Male twins died within 8 hours of birth.
1 set Female twins died at 10 days.
1 male twin died within five minutes of birth.
5. **Number of infants wholly breastfed on leaving Institution.**
Borough—270. County—82. Total—352.
6. **Number of infants wholly artificially fed on leaving Institution.**
Borough—24. County—8. Total—32.
7. **Number of infants who at any time received supplementary or complementary feeds while in Institution.**
Borough—59. County—23. Total—82.
8. **Causes of Infant deaths which occurred in the Maternity Home during the year.**
 - 1 Twin birth—prematurity.
 - 2 Spina bifida meningitis.
 - 3 Meningocele haemorrhage.
 - 4 Prematurity.
 - 5 Intra cranial haemorrhage.
 - 6 Operation for imperforate anus. Some malformation of oesophagus discovered.
 - 7 Prematurity—twin birth.
 - 8 Macerated foetus.
 - 9 Asphyxia.

SUMMARY

Prematurity	.....	3
Congenital malformations	.....	4
Injury at birth	.....	1
Asphyxia	.....	1
		9

9. TABLE SHOWING AGE AND PARITY OF MOTHERS WHO WERE DELIVERED AT THE MATERNITY HOME.

Years	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	Totals
Par.1	1	—	3	9	9	23	22	23	23	19	20	15	11	16	11	5	6	6	2	4	4	2	3	—	2	—	1	—	—	—	—	240
2	—	—	—	—	2	1	7	4	5	13	10	10	14	11	7	10	6	5	14	2	5	8	3	3	5	4	1	—	—	—	—	150
3	—	—	—	—	—	—	—	—	2	1	2	1	1	2	8	3	6	1	2	6	4	2	3	7	1	1	—	—	—	—	—	53
4	—	—	—	—	—	—	—	—	—	1	1	1	—	—	—	1	—	2	2	2	2	—	—	—	2	2	—	1	—	—	—	17
5	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	2	—	1	2	—	—	2	1	1	—	—	—	1	11
6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	—	—	—	—	—	—	—	—	—	3
7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	1	2	—	—	—	1	—	6
8	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	1	—	—	—	—	—	—	3
9	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	2
10	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1
13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1
15	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	1	—	3	9	11	24	29	27	30	34	33	28	26	29	27	19	19	14	23	14	18	17	9	11	14	10	4	1	—	1	2	487

N.B.—There is one mother aged 33 years against whom there is no indication as to the number of previous confinements. This case is not included in the above table.

TABLE SHOWING RANGE OF WEIGHTS

Age of moth'r	B C	Para.	Weight lb. oz.	Age of mother	B C	Para.	Weight lb. oz.	Age of mother	B C	Para.	Weight lb. oz.	Age of mother	B C	Para.	Weight lb. oz.
24	B	1	4 4	21	C	2	4 2	29	B	3	4 12	24	C	4	4 10
30	B	1	A 4 7	23	B	2	5 4	24	B	3	5 2				
27	B	1	A 4* 6	36	B	2	4 5	35	C	3	4 1				
			4* 12	28	B	2	5 0	34	B	3	5 4				
26	B	1	4 10	21	B	2	4 6	37	B	3	*4 0				
23	B	1	5* 7	25	C	2	4 0				*5 3				
			5* 3	29	B	2	5 7	28	C	3	4 1				
34	B	1	4 15	26	B	2	5 5½				*5 2				
18	B	1	2 8	22	B	2	5 6	27	C	3	*4 7				
21	B	1	4 3	25	B	2	5 8								
24	C	1	5 0												
21	B	1	4 8												
25	B	1	3 9												
18	B	1	4 6												
35	B	1	4 7												
26	B	1	4 14												
22	B	1	4 8*												
20	C	1	5 8												
25	B	1	5 7												
20	B	1	5 0												
28	B	1	5 7												
24	C	1	5 8												
20	C	1	5 8												
21	B	1	5 8												

A premature child is one whose birth weight is 5½ lbs. or under.
 * indicates a twin birth.

WING RANGE OF WEIGHTS OF PREMATURES.

z.	Age of mother	B C	Para.	Weight		Age of mother	B C	Para.	Weight		Age of mother	B C	Para.	Weight		Age of mother	B C	Para.	Weight	
				lb.	oz.				lb.	oz.				lb.	oz.				lb.	oz.
2 2 1 4 0 3 1 2 7	24	C	4	4	10	45	B	5	5	2	44	B	7	5	1	31	C	12	5	5*

B—Borough patient.
C—County patient.

11. Number of deliveries in which interference was necessary.

(a) Inductions (surgical)	7
(b) Inductions (medical)	1
(c) Forceps, low	26
(d) Forceps, high or difficult	36
(e) Manual removal of placenta	9
(f) Blood and serum transfusions	1
(g) Craniotomy	1
(h) Caesarian Section—(1) lower seg.	1
(2) classical	5
(i) Difficult manual delivery or interference	10
(j) Prolapsed cord	1
Post-partum haemorrhage (over 20 ozs.)	49 cases

In a few cases interference may fall under more than one heading, e.g., one case might require induction and delivery by forceps.

12. Number of cases of Pyrexia and notifiable pyrexia—including infection.

Para.	Para.	Para.	Para.	Para.	Para.	Para.	Para.	Para.	Para.	Para.	Para.	Para.	Total
1	2	3	4	5	6	7	8	9	10	11	12		
13	6	2	2	—	—	—	1	—	—	—	—		24

13. Number of emergencies and causes.

Age	B C	Para.	Cause	Age	B C	Para.	Cause
			Ante-partum haemorrhage.				
44	C	14		36	B	3	Breech and delayed lab.
24	C	2		26	B	1	Delayed 1st stage
36	C	4		24	B	1	Delayed labour
38	C	3		18	B	1	Delayed labour
21	B	1	And Breech	25	B	1	Delayed labour
25	C	2	Severe. Placenta prae-	28	C	1	Obstructed labour
40	C	7	via and toxæmia of pregnancy	40	C	4	Obstructed labour
			Toxæmia.	21	C	1	Urgent induction
18	C	1		27	B	2	Surgical induction
21	B	2		22	C	1	Pyelitis
23	C	1		28	C	3	Pyelitis and vomiting of preg.
22	B	1		36	B	2	Surgical induction
28	C	3		34	C	1	Disproportion
17	C	1		39	B	7	Hydramnios and foetal abnormality
21	B	1	Severe toxæmia	26	B	2	Transverse lie and surgi- cal induction
31	C	12	Twin pregnancy	37	B	2	Albuminuria and poor condition
20	B	1	Adherent placenta	38	B	3	Bad obstetrical history
34	B	3	Placenta prævia	31	C	3	Previous bad obst. histry and induction
19	C	1	Placenta prævia	33	C	2	Poor general condition
29	B	3	Bicornuate uterus	18	C	1	Poor mental condition
31	B	1	Breech for version	18	B	1	For investigation & care
26	B	1	Breech for version	25	C	1	No arrangements made
38	B	3	Breech for version	24	B	2	Not had ante-natal care
23	B	1	Breech presentation	28	B	1	No arrangements made
				24	C	1	No arrangements made
				27	C	2	No arrangements made
9 patients Bradford-on-Avon				12 patients, Social conditions			

14. Number of Stillbirths occurring in the Home during the year and causes.

Prematurity	1
Accidental haemorrhage	2
Congenital malformations	4
Macerated foetus	3
Injury at birth	2
Maternal toxæmia	1
Post maturity	1

—
14
—

Maternity Home.

Continued difficulty was experienced in accommodating all the expectant mothers who wished to enter the Municipal Maternity Home. Domiciliary confinement was advised wherever possible and where home conditions permitted, the services of the home-helps being offered to the mothers. Although every effort was made to accommodate all cases in Swindon, it was necessary to transfer 56 Swindon mothers to the Emergency Maternity Home, Bradford-on-Avon.

Appointment of Anaesthetist.

The number of cases of obstetrical interference required a very highly skilled anaesthetist and Dr. Brinkworth has been appointed as the consultant anaesthetist for the Maternity Home.

Training in Gas and Air Analgesia.

It has been the desire of the Maternity and Child Welfare Committee to provide this training for the midwives and also to make arrangements for Gas and Air Analgesia to be provided for the mothers. It is now also a condition of qualification of a midwife that she should have received this training and pass an examination. It was felt that the appointment of a consultant anaesthetist would assist in this matter and since January, 1946, this training of the Midwives has been provided so that better facilities for analgesia can be provided for the mothers.

Maternity Home Annexe.

Despite a great shortage of staff which was experienced throughout the year, it became possible on November 1st to open the Annexe at 83 Bath Road. The number of maternity cases in the Home at any time fluctuates considerably and already the Annexe has proved of great value in easing the burden upon the Maternity Home.

It might be wise to mention here that adding beds in the Annexe cannot proceed indefinitely as the "bottle neck" in the Maternity Home is the Labour Ward, and if it is contemplated that more maternity beds will be required, it will also be necessary to extend the provision of labour wards.

Domiciliary Midwifery.

The difficulties associated with this service and mentioned in the Report for 1944 have not decreased. One of the Midwives was ill for most of the year.

The difficulties of transport were mentioned in my previous report, but they have to some extent been overcome by arranging for night calls to be covered by the Corporation Ambulance Service and also by the part use of Ambulance cars which belonged to the Civil Defence Service.

Since the passing of the last Midwives Act in 1936 and the extension in the training of midwives, the scope of the work has increased. More ante-natal work has been undertaken and the standard of midwife care is rising. Perhaps the most interesting development is the increasing attention given to the social care of the mother and family. The midwife now appreciates that she is part of a team for providing in as complete a way as possible for the mother and family during the anxious and often difficult times associated with child birth.

Maternal Deaths.

There were no maternal deaths.

Home Help Service.

The Home Help service which was instituted in 1943 continued to give much appreciated assistance in the home.

Charges made for the Home Help vary according to the income and circumstances of the family. The Home Help service is booked in advance and the "Help" always visits the mother prior to the confinement in order to make the necessary arrangements.

Altogether they undertook the care of 42 mothers and their work consists of running the home, undertaking the shopping and the cooking and generally in relieving the mother.

Nursing Home.

There is one Home registered within the Borough of Swindon. This Home provides for ten beds which can be used for either maternity or other purposes.

Ante-Natal and Post-natal Clinics.

Five ante-natal clinics and two-post natal clinics are provided. 642 women attended the ante-natal clinics and 121 women attended the post-natal clinics.

Assistance for Householders in cases of Epidemics.

In response to Ministry of Health Circular 196/45 preliminary arrangements were made in conjunction with the various voluntary societies and youth organisations—W.V.S., British Red Cross Society, St. John Ambulance Brigade—and a scheme prepared to assist in the homes of Swindon should an epidemic occur. Fortunately, it was not necessary to put these plans into operation.

Health Visiting.

The health visiting staff consists of one senior health visitor and six health visitors, who are engaged as school nurses and as health visitors for children up to the age of five years.

The following visits were undertaken by the Health Visitors :—

First visits to mothers and children	1313
Re-visits	3804
Visits to children aged 1-5	5789
Visits to expectant mothers	103
Infant death and stillbirth enquiries	38
Infectious disease visits	744
Visits to cases of tuberculosis	147
Child Life Protection visits	155
Total Visits	12093

Treatment Centres and Clinics.

There are five Infant Welfare Centres provided in the Borough, as follows :—

61, Eastcott Hill, Swindon	Monday 2—5 p.m.**
	Wednesday 2—5 p.m.*
	Friday 2—5 p.m.*
Pinehurst Clinic, Beech Avenue	Tuesday 2—5 p.m.*
Trinity Methodist Schoolroom, Cricklade Road	Wednesday 2—4.30 p.m.**
Methodist Schoolroom, Romsey Street, Rodbourne	Thursday 2—4.30 p.m.**
Moredon Community Centre	Thursday 2—4.30 p.m.**

*Doctor in attendance.

**Doctor in attendance alternate weeks.

These sessions are available for consultation and advice for mothers, and children up to the age of five years.

Services of Children's Specialist.

Dr. Beryl Corner continued to hold sessions at fortnightly intervals during the year and children were referred to her clinic from the assistant medical officers and from general practitioners.

No. of clinics held	22
No. of children seen	71
School children	38
Maternity and Child Welfare cases	33
No. of consultations and attendances	96
School children	49
Maternity and Child Welfare cases	47

Dental Scheme.

The dental service facilities were available for ante-natal and post-natal cases and for children under school age.

94 women availed themselves of the service.

45 artificial dentures, 1 remake and 2 repairs were completed.

91 children were referred for treatment.

503 total number of attendances.

68 teeth were extracted under local anaesthetics.

61 teeth were extracted under general anaesthetics.

A dental inspection was carried out at the Pinehurst Day Nursery and of the 20 children seen 6 were referred for treatment.

Orthopaedic Treatment.

Children under school age attend the Orthopaedic Clinic held at the Isolation Hospital and the following are the particulars relating to this service:—

No. of cases seen by Orthopaedic Surgeon	36
No. of consultations and attendances	68
No. of attendances at Sister's Clinic	260
No. of cases seen at the Orthopaedic Observation Clinic	76
No. of consultations and attendances	103
No. of cases treated in Hospital (Bath and Wessex Children's Orthopaedic Hospital)	2

Ophthalmic Treatment.

The following children under five were referred to Mr. O. B. Pratt, the ophthalmic specialist:—

No. of cases seen	64
Errors of refraction	28
Other defects	36
No. of consultations	113
No. of attendances at clinic	126
No. of cases for whom spectacles were prescribed	10
No. of cases for whom spectacles were obtained through the scheme	10

Child Life Protection—Public Health Act, 1936.

Number of Foster Mothers on the registers at the end of the year	6
Number of Foster Children under the supervision of the local authority	6
Number of Foster Mothers who are guaranteed payment by the Welfare Authority	2

These boarded out children are subject to constant supervision by the Child Life Protection Officers. Altogether, 155 supervisory visits were paid.

The Foster Mother Scheme adopted by the Health Committee guarantees a weekly sum of 17s. 6d. for the care of the children and the mother is asked to contribute according to her means.

Domestic Help Service.

Concern has been felt regarding the older members of the population and the sick who in these difficult times were not able to undertake shopping expeditions or to look after their houses because of infirmity or illness. An approach was made earlier in the year to certain voluntary agencies who did assist in this matter, but it was felt that this service should be one for which the community as a whole would be responsible.

A Government Circular was issued on the 14th December, 1944, allowing local authorities to provide domestic helps to cover the duties above-mentioned. Altogether three were appointed and their services have been much appreciated.

Adoption of Children.

25 children were under supervision at the end of the year. The Social Worker was responsible for making the adoption arrangements in 14 cases.

The Care of Illegitimate Children—Home for Pre-Natal and Post-Natal Care and Residential Nursery.

Arrangements were completed for the purchase of a large house adjoining the Maternity Home Annexe.

War-time Nurseries.

The work of the War-time Nurseries continues, although it is anticipated that there will be a decrease in the number of mothers availing themselves of the service when more normal industrial conditions prevail.

Three day nurseries—Upham Road, Broad Street and Pinehurst—remained open during the year. There were staffing difficulties particularly with the senior staff at the Pinehurst Day Nursery—this necessitated a certain amount of additional supervision by the medical officers and the health visitors. There was also a small outbreak of Sonne dysentery at the Pinehurst Nursery.

War-time Nurseries—Statistics.

		No. of children on register at the end of the year.		Total number of attendances. Six months.	
				Jan.—June	July—Dec
Upham Rd. Day Nursery....	Under 2	9			
	2—5	22	3267	3556	
Broad St. Day Nursery	Under 2	7	3977	3085	
	2—5	25			
Pinehurst Day Nursery	Under 2	14	3355	3271	
	2—5	19			

WAR-TIME NURSERIES. STATISTICS—1945.

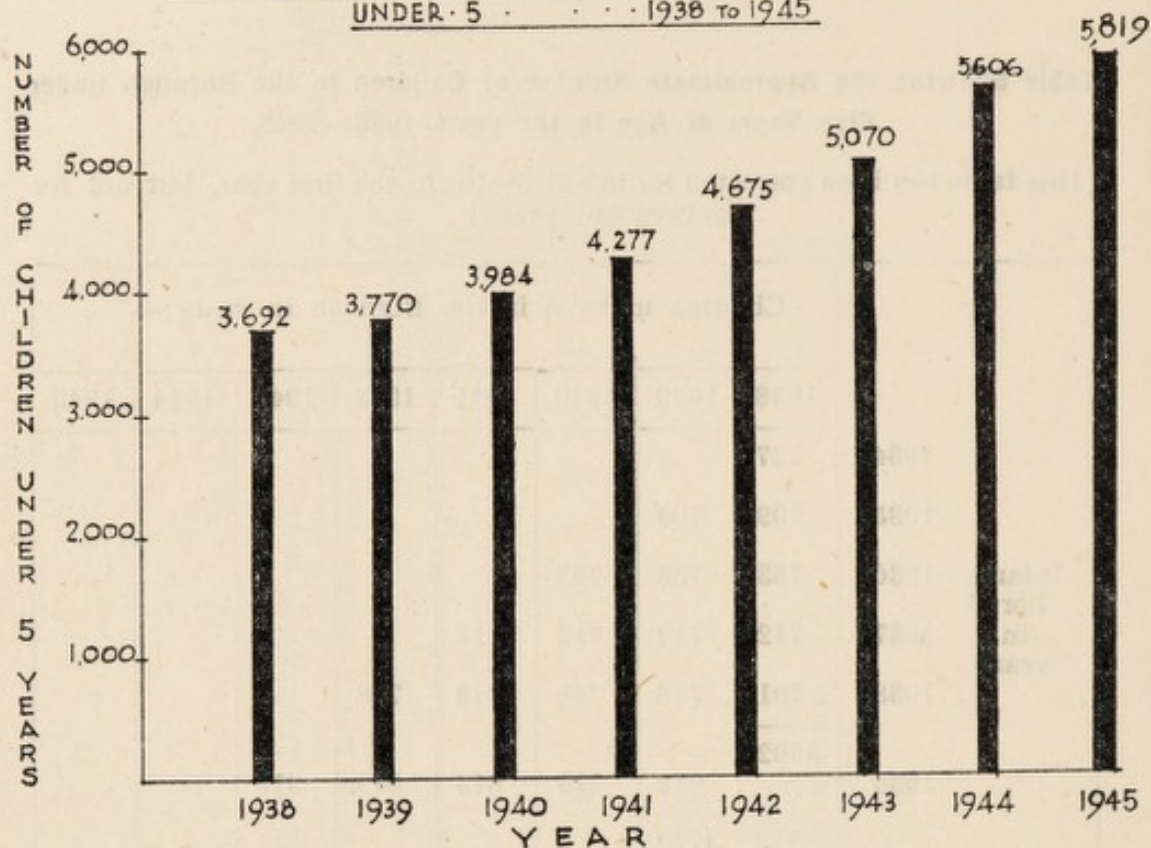
Health of Children in Day Nurseries.

	Measles	Whooping Cough	Diph- theria	Scar- let Fever	Bron- chitis	Pneu- monia	Laryn- gitis	Dys- entery	Ton- sillitis	Chick- en pox	Influ- enza	Jaund- ice	Pink eye
Upham Road Day Nursery	8	1	—	1	1	—	—	—	—	—	—	—	—
Broad Street Day Nursery	10	—	—	—	1	1	1	1	4	1	1	5	4
Pinehurst Day	7	1	—	1	—	3	—	9	—	—	—	—	—

No. of children immunised against diphtheria :—

Upham Road Day Nursery	15
Broad Street Day Nursery	11
Pinehurst Day Nursery	18

BOROUGH OF SWINDON.
DIAGRAM SHOWING THE INCREASE IN THE NUMBER OF CHILDREN
UNDER 5 . . . 1938 TO 1945



Infant Mortality Rate.

The Infant mortality rate for the whole country has been steadily decreasing throughout the War years and it is pleasant to record that the infant mortality rate for Swindon for 1945 is the lowest on record. The total number of infant deaths was 38 ; 19 of which occurred within the first ten days of birth.

As mentioned in my previous report this neonatal mortality is one that gives grave concern. In particular, it will ultimately be necessary to make provision for premature children, although this provision would be more satisfactory made for a large area, as a highly skilled staff is necessary and special premises must be provided for this work. Premature children require expert care and supervision for some weeks after birth. Many households at the present time are not satisfactory places for providing this care. The great danger to premature children of infection and improper feeding call for the supervision of the child by specially trained nurses and it is hoped that provision will be made for these children in the future.

BOROUGH OF SWINDON.
TABLE OF INFANT MORTALITIES.

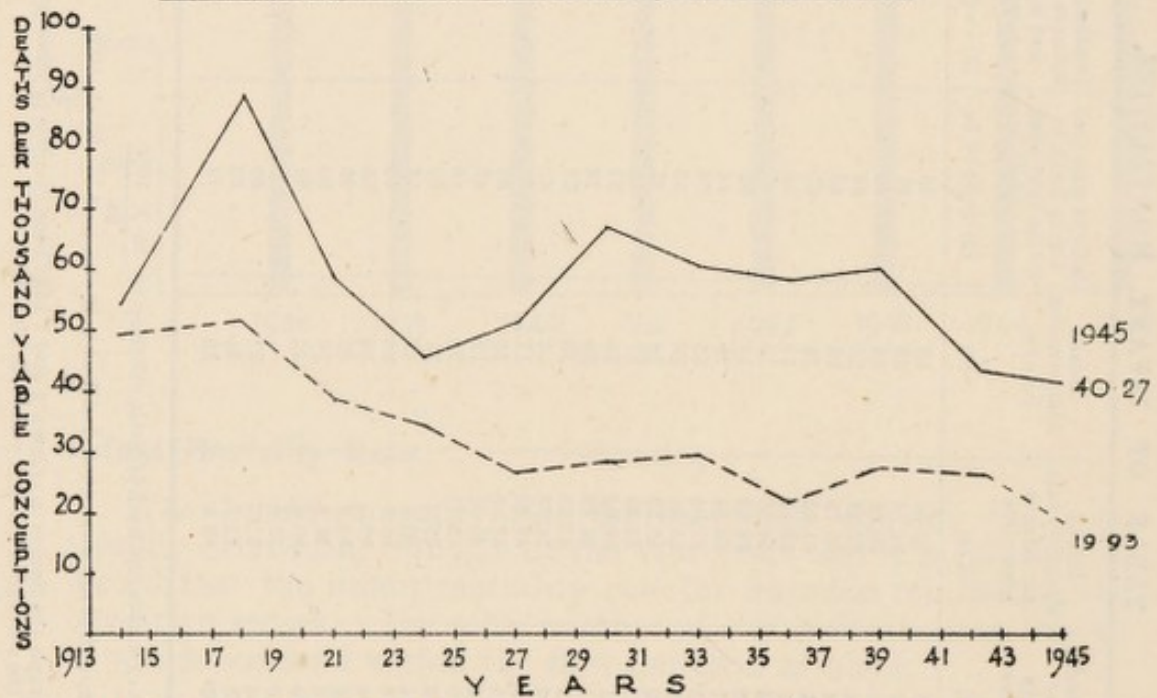
Year	Live Births	Still-births	Total conceptions extending to viable foetus	Deaths under 1 year of infants born alive	Infant Mortality rate for infants born alive	Infant deaths under 7 days	Infants who died before birth or within first week of life	Deaths in infants between 1st week and end of 1st year	Mortality rate of viable children before or within 1 week of birth	Mortality rate for infants from end of one week to end of 1st year
	(1)	(2)	(1)+(2)=2a	(3)	(4)	(5)	(2)+(5)=5a.	(3)-(5)=5b.	(6)	(7)
1945	1159	33	1192	38	32.79	15	48	23	40.27	19.39
1944	1409	48	1457	49	34.78	23	71	26	48.73	17.84
1943	1187	28	1215	60	50.55	26	49	34	40.49	28.10
1942	1174	36	1210	44	37.48	20	56	24	46.28	19.83
1941	1107	27	1134	64	56.75	18	45	46	38.99	40.56
1940	858	43	901	61	61.43	22	65	39	64.93	38.96
1939	848	29	877	35	38.42	23	52	12	59.38	13.68
1938	791	28	819	43	54.36	19	47	24	57.39	28.59
1937	748	23	771	36	48.13	16	39	20	50.58	25.94
1936	790	25	815	37	46.84	19	44	18	53.99	22.08
1935	744	31	775	35	47.04	23	54	12	70.97	15.50
1934	770	27	797	43	55.84	26	53	17	66.49	22.58
1933	766	33	799	40	52.22	14	47	26	58.82	33.78
1932	837	36	873	47	52.99	17	53	30	57.42	32.50
1931	910	34	944	61	66.04	25	76	26	62.50	27.54
1930	971	42	1013	61	62.82	34	58	27	75.02	26.65
1929	867	44	911	41	47.29	14	58	27	63.66	26.35
1928	910	31	941	33	36.26	9	40	24	42.51	25.72
1927	830	34	864	39	46.98	17	51	22	59.03	25.46
1926	980	34	1014	49	47.95	19	53	30	52.27	29.33
1925	942	26	968	53	60.50	19	45	34	46.49	34.09
1924	968	24	992	58	63.01	20	44	38	44.36	38.21
1923	995	29	1024	53	53.2	21	50	32	48.82	31.25
1922	1037	35	1092	64	60.5	23	58	41	53.11	37.55
1921	1125	39	1164	76	67.5	26	65	50	55.84	42.96
1920	1246	49	1295	84	69	36	85	48	65.64	37.09
1919	905	63	968	76	83.9	32	96	44	98.21	45.45
1918	934	54	988	76	81.3	26	80	50	80.97	50.61
1917	831	57	888	75	88.6	25	82	54	86.49	56.96
1916	1035	44	1079	75	72.4	—	—	—	—	—
1915	1093	36	1129	74	67.7	21	59	53	50.49	46.06
1914	1193	35	1228	88	73.7	31	66	57	53.74	46.41
1913	1236	39	1265	105	86.4	35	74	70	58.49	55.30

Mortality of viable children before, at birth or within one week of birth, obtained by $5a \times \frac{1000}{2a}$

Infant death rate for infants in period from end of one week to end of first year obtained by $5b \times \frac{1000}{2a}$

For the figures utilised in preparing the graph the figures in column 6 and 7 have been grouped in three yearly periods and the average taken for the three years, but in the years 1941 to 1944 the average of the four years has been taken.

BOROUGH OF SWINDON.
 GRAPH SHOWING TREND OF INFANT
 . . . MORTALITY RATES 1913 TO 1945 . . .



THE GRAPHS SHOW THE TREND OF MORTALITY RATES (THREE YEARLY PERIODS)
 THE TOP GRAPH FOR CHILDREN WHO ARE STILL-BORN OR DIED WITHIN THE FIRST WEEK OF LIFE
 THE BOTTOM GRAPH FOR CHILDREN WHO DIED FROM THE END OF THE FIRST WEEK OF
 LIFE TO THE END OF THE FIRST YEAR.

BOROUGH OF SWINDON.

INFANT MORTALITY.

1945. *Nett deaths from stated causes at various ages under
One Year of Age.*

COMPILED FROM THE OFFICIAL REGISTRATIONS.

CAUSE OF DEATH.	Under 1 week	1—2 weeks	2—3 weeks	3—4 weeks	Total under 1 month.	1—3 months	3—6 months	6—9 months	9—12 months	Total Deaths under 1 year
All Causes—										
Certified	15	4	—	2	21	11	5	—	—	37
Uncertified										
Measles										
Whooping Cough										
Diphtheria										
Influenza						1				1
Tuberculosis of nervous system										
Tuberculosis of Intestines and Peritoneum										
Tuberculous Meningitis							1			1
Syphilis										
Meningitis		1			1					1
Convulsions										
Bronchitis										
Pneumonia						5	2			7
Other Respiratory Diseases										
Inflammation of the Stomach										
Diarrhoea and Enteritis										
Hernia, Intestinal Obstruction							1			1
Congenital Malformations	1				1	3	1			5
Congenital Debility and Sclerema	1				1					1
Icterus										
Premature Birth	13	3		2	18					18
Injury at Birth										
Disease of Umbilicus										
Atelectasis										
Suffocation—in bed						2				2
Other causes :—										
TOTALS	15	4		2	21	11	5			37

ISOLATION HOSPITAL.

The Isolation Hospital year runs from 1st April, 1945, to 31st March, 1946. The number of new admissions during the year 1st April, 1945, to 31st March, 1946, was 186 against 386 and 365 in the two previous years. On 1st April, 1945 there were 14 patients remaining in hospital so that, altogether 200 cases were under treatment during the year. Of these 182 cases were discharged cured, 3 died, 6 were transferred to other hospitals and 9 remained in hospital at the end of the year, 31st March, 1946.

The 186 cases admitted during the year were chargeable to the following local authorities:—

Public Health Acts—

Swindon Borough	97
Highworth Rural District	24
Cricklade and Wootton Bassett Rural District	15
Marlborough and Ramsbury Rural District	1

Maternity and Child Welfare (Puerperal Pyrexia)—

Swindon Borough	14 mothers
	12 babies
Wilts County Council	3 mothers
	2 babies

18 military cases were admitted during the year. The 200 cases arranged according to the final diagnosis are:—

Scarlet fever	61
Measles	16
Measles and Meningitis	1
Mumps	3
Mumps and enteritis	1
Chickenpox	1
Diphtheria	6
Diphtheria carrier	4
Paralysis after diphtheria	2
Vincent's angina	3
Tonsillitis	20
Laryngitis	1
Laryngeal stridor	1
Laryngeal obstruction	1
Dysentery	7
Whooping cough	2
Ophthalmia neonatorum	2
Impetigo	4
Erythema multiforme	1
Erysipelas	2

Erysipelas and pneumonia	1
Bronchitis	5
Enteritis	5
Enteritis and bronchitis	1
Polio-myelitis	1
Jaundice	4
Meningitis	1
Rheumatic fever	2
Puerperal scabies	2
" pyrexia	14
" infection	1
Influenza in pregnancy	1
Breast abcess	1
Abortion	1
Scalp wound	1
Babies with mothers	14
Mother with baby	2
No obvious disease	4

The six cases transferred to other hospitals as follows :—

One case of measles and meningitis transferred to Stratton Hospital.

One pneumococcal peritonitis transferred to G.W.R. Hospital.

One whooping cough and bronchitis transferred to Victoria Hospital.

Three cases, one diphtheria and two paralysis, after diphtheria, transferred to military hospitals near their own homes.

Analysis of the three deaths as follows :—

One case of prematurity in a baby aged 7 days : five days in hospital.

One case of broncho-pneumonia in a baby aged 31 days ; ten days in hospital.

One case of prematurity and marasmus in a baby aged 8 days ; six days in hospital.

In common with the position over the whole of the country acute staffing difficulties were encountered during the year. At one time there was only Matron and four young probationers on the staff and it was found necessary to close two blocks and limit admissions of cases to one block only.

REPORT OF THE CHIEF SANITARY INSPECTOR.

To the Chairman and Members of the Health, etc. Committee,

LADIES AND GENTLEMEN,

I have the honour of submitting my Twentieth Annual Report dealing with the work carried out by the Sanitary Department during the year ended December 31st, 1945.

Appended hereto will be found the tables giving full particulars of the inspections made during the year in conformity with the requirements of the Ministry of Health.

MILK SUPPLIES.

The milk supply of Swindon, in common with the rest of the country, was strictly rationed during the year under review. The quality, however, was maintained at the usual standard by frequent sampling, both for analysis and for bacteriological examination. The number of samples taken and the results of the tests are given under the table appended hereto.

There were three prosecutions relating to milk during the year.

No. 1 was found to be deficient in fat, but as there was some doubt about the source of the milk, the case was dismissed.

No. 2 was found to contain added water and both the defendants were fined £4 each, £8 in all.

No. 3 was also found to contain added water and the defendant was fined £5.

FOOD SUPPLY.

The tables appended hereto, give a resume of the work carried out under the Public Health (Meat) Regulations, 1924.

There were 14,777 animals slaughtered for human consumption within the Borough during 1945, every one of which was seen by your Inspectors, before being allocated to the butchers' shops within the Borough or to the butchers' shops in the surrounding area, the slaughtering for which is done within the Borough.

FOOD AND DRUGS.

The Food and Drugs Act, of 1938, is administered by the Committee and during the year one hundred and three samples of food were taken and sent to the Public Analyst; of these fourteen on analysis proved to be unsatisfactory.

Under this heading a purchaser complained of a portion of butter which she brought to the office. This butter was sent to the Public Analyst and found to be mixture of butter and margarine.

Other samples were taken at the shop complained of, and these proved to be genuine. When the case came before the Borough Justices the defendants were fined £10.

The defendants appealed to Quarter Sessions and the case was heard at the County Hall, Trowbridge, when the appeal was dismissed with costs.

HOUSING.

The work under this heading was practically suspended owing to war conditions; repairs, etc. to houses being dealt with under the Public Health Act. Great difficulty, however, was experienced in getting repairs carried out owing to the scarcity of labour and materials. Despite these difficulties, however, over 1,000 houses were repaired during the year.

I am,

Ladies and Gentlemen,

Your obedient servant,

F. H. BEAVIS,
Chief Sanitary Inspector.

SANITARY STATISTICS, 1945.
TABLE OF NUISANCES RECORDED AND ABATED.

Nature of Complaint.	Not abated at end of 1944	Visited during 1945	Total	Abated during 1945	Not abated at end of 1945
Choked drains	7	299	306	300	6
Defective drains	23	165	188	167	21
" traps	5	54	59	50	9
" sinks	12	58	70	55	15
" and dirty w.c.'s	6	436	442	323	119
" flushing-cisterns	18	136	154	117	37
" roofs	87	223	310	228	82
" eaves-gutters & rainwater pipes	60	176	235	158	78
" ceilings	75	215	290	210	80
" walls	128	402	530	364	166
Damp walls	64	160	224	157	67
Dirty rooms	109	709	818	679	139
Defective floors	83	443	526	436	90
" firegrates	32	94	126	103	23
" coppers	17	35	52	34	18
" yard paving	21	37	58	33	25
" forecourt paving	11	2	13	7	6
Offensive accumulations	6	105	111	107	4
" animals	1	13	14	14	—
Miscellaneous	218	863	1081	821	260
TOTALS	983	4625	5608	4363	1245

VISITS AND INSPECTIONS, 1945.

Work in course of construction	....	....	...	2334
Infectious disease	....	....	....	211
Slaughterhouses	....	....	....	880
Butchers' shops	....	....	....	243
Markets	....	....	....	484
Bakehouses	....	....	....	110
Cow-sheds, milkshops and dairies	....	....	....	388
Fishshops	....	....	....	196
Food shops	....	....	....	1134
Factories	....	....	....	804
Outworkers' premises	....	....	....	110
Common Lodging-house	....	....	....	14
Revisits	....	....	....	3114
Miscellaneous	....	....	....	3329
Overcrowding Survey	....	....	....	71
Housing Inspections	....	....	....	55
TOTAL	....	....	....	13467

BAKEHOUSES.

Number on Register	....	....	....	29
Nuisances Found and Abated	....	....	....	79

DAIRIES, COWSHEDS AND MILKSHOPS.

Dairies and Milkshops	....	....	....	34
Farms	....	....	....	18
Milk Purveyors from outside the Borough	....	....	....	11
Total				63
Nuisances found and abated				111

MILK (SPECIAL DESIGNATIONS) ORDER, 1936.

Licences in force within the Borough.

Designation.	Producers.	Bottlers.	Dealers.
Tuberculin Tested	2	5	4
Accredited	8	—	—

There is 1 producer of Tuberculin Tested milk, and 2 producers of Accredited milk from outside the Borough retailing milk within the Borough.

Designation.	Pasteurisers.	Dealers.
Pasteurised	1	5

FOOD AND DRUGS ACT, 1938.

There are on the registers of the Department :—

Premises registered for the preparation or manufacture of sausages or potted, pressed, pickled or preserved food	86
Premises registered for the sale, manufacture or storage of Ice-cream	95
Butchers' Shops	78
Wholesale Meat Stores	2
Fried Fish Shops	32
Other Food Shops	281

SAMPLES TAKEN.

Informal	....	26
Formal	....	77
Unsatisfactory	....	14

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

The following table shows the number of carcasses inspected during the year.

CARCASSES INSPECTED AND CONDEMNED, 1945.

	Cattle		Calves	Pigs	Sheep and lambs
	Cows	Other cattle			
Killed and inspected	3211	2175	35	1225	8131
DISEASES OTHER THAN TUBERCULOSIS					
Whole carcasses condemned	61	14	3	22	16
Carcasses of which some part or organ was condemned	669	561	4	300	1553
Approximate percentage of number inspected affected with disease other than Tuberculosis	23%	26%	20%	26%	19%
TUBERCULOSIS ONLY.					
Whole carcasses condemned	154	19	—	7	—
Carcasses of which some part or organ was condemned	1262	462	—	291	—
Approximate percentage of number inspected affected with Tuberculosis	44%	22%	—	24%	—

UNSOUND FOOD

125 Tons. 10 Cwts. 3 Qrs. 20 Lbs.

DISINFECTANTS.

Quantity given : Fluid 45 gals. 2 qts.
Powder 3 qrs. 20 lbs.

DISINFECTION.

Cases of Cancer	7
„ Tuberculosis	14
„ Scarlet Fever	43
„ Diphtheria	15
„ Pneumonia	—
Miscellaneous Cases	72
Verminous Rooms	378
Library Books disinfected	112
Lots of Bedding disinfected	222
Miscellaneous Articles disinfected	108
Lots of Bedding destroyed	26
Miscellaneous Articles destroyed	17
Animals destroyed	—

COMMON LODGING HOUSES.

On Register	1
Number of persons for whom accommodation is provided :—Adults, 109 ; Children 8.	
Inspections	14

RATS AND MICE (DESTRUCTION) ACT, 1919.

The following is a table showing the work carried out by your officer under the above Act during the year under review :—

Estimated No. of Rats Destroyed	Complaints Received	Due to Defects of Drains or Sewers.	Due to Structural Defects.
3,321	224	8	7

DISINFECTION OF VEHICLES ETC. AT THE CATTLE MARKET.

Number Disinfected.

938

Fees Received.

£	s.	d.
55	16	8

HOUSING.

Houses Inspected	....	....	....	1179
„ found to be defective	....	....	....	1068
„ rendered fit by informal action	....	....	....	1007
„ rendered fit by formal action	....	....	....	5
„ overcrowded	....	....	....	35
Persons affected	....	....	....	316
Overcrowding abated	....	....	....	8
Persons affected	....	....	....	91

DIRECTORY OF THE
CATTLE MARKET

It was inspected by the
Inspector of the
Department of Agriculture
and found to be
in accordance with the
requirements of the
Act of March 3, 1879,
chapter 25, section 1,
which provides that
the cattle of the
United States shall
be branded with
the letter "U" for
United States.

BOROUGH OF SWINDON.

EDUCATION COMMITTEE.

ANNUAL REPORT

OF THE

School Medical Officer

(LLYWELYN ROBERTS. M.D., M.R.C.P., D.P.H.)

For the Year 1945.

BOROUGH OF SWINDON

EDUCATION COMMITTEE

Chairman—*Councillor R. G. CRIPPS.

Vice-Chairman—*Councillor L. J. NEWMAN.

Members—

THE MAYOR (Alderman C. R. PALMER)

Alderman C. S. MACPHERSON *Councillor W. R. ROBINS

Alderman J. L. CALDERWOOD Councillor C. E. TOMES

Alderman W. J. DAVIS *Councillor (Mrs.) L. A. GRIFFIN

†*Alderman A. M. BENNETT *Councillor H. FIELD

*Alderman G. H. SELMAN Councillor T. G. GAY

Councillor H. W. PINNEGAR *Councillor H. V. BOND

Councillor H. THORPE *Councillor H. DIMENT

*Councillor H. W. GARDNER Councillor A. LEONARD

Mr. F. W. HAWKSWORTH Miss F. H. Shallcroft

*Mr. H. WHITING

Borough Education Officer—

Mr. H. DIBDEN, M.A., B.Sc., Barrister-at-Law.

* Members of the Child Care Sub-Committee.

† Chairman of the Child Care Sub-Committee.

*To the Chairman and Members of the Education Committee of the
Borough of Swindon.*

LADIES AND GENTLEMEN,

The report of the School Medical Service follows the usual lines. The nutrition of the children is noted on page 51 and there does not appear to be any falling off in the nutritional standard of the children. Although the figure of children who are slightly sub-normal is a little higher than last year it is considered to be within the scope of experimental error.

The table dealing with immunisation of children is on pages 13 and 14, from which it will be seen that 6,035 school children have been immunised in the Borough. Although it is gratifying to realise that all infectious disease and especially diphtheria are now of little account it still is important to take every precaution, both as regards active immunisation against diphtheria and as regards the hygienic conditions in classrooms to prevent infection by infectious diseases. Although such diseases as diphtheria are important killing diseases, much ill-health and loss of school time is caused through the more minor conditions of colds and influenza. The best counteraction we have at the moment is an adequate flow of air through the classroom.

Staffing difficulties have continued throughout the year but with the return of Peace it is hoped that more stable conditions will soon prevail.

I would like to take this occasion to thank the staff for the devoted work and loyalty, and also to express my appreciation of the co-operation and assistance I have always received from the Education Committee.

LLYWELYN ROBERTS,
Borough School Medical Officer.

CLASSIFICATION OF THE NUTRITION OF CHILDREN.

[illegible]

CLASSIFICATION OF THE NUTRITION OF CHILDREN.

AGE GROUPS	No. of children examined	A (Excellent)		B (Normal)		A + B		C (Slightly sub-normal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%	No.	%
THIRD AGE GROUP											
1935	888	152	17	670	76	822	92.6	65	7	1	—
1936	930	184	20	680	73	864	92.7	63	7	3	—
1937	641	171	26.7	434	67.7	605	94.4	35	5.5	1	.1
1938	762	198	26	536	70	734	96.3	28	4	—	—
1939	697	237	34	434	62.2	671	96.3	26	3.7	—	—
1940	695	237	34.1	429	61.7	666	95.8	29	4.2	—	—
Evacs :	236	79	33.5	142	60.2	221	93.6	15	6.4	—	—
1941	1077	310	28.8	695	64.5	1005	93.2	63	5.9	9	.8
Evacs :	271	92	33.9	168	62	260	95.9	11	4.1	—	—
1942	646	168	26	422	65.3	590	91.3	51	7.9	5	.8
Evacs :	42	12	28.6	25	59.5	37	88	4	9.5	1	2.4
1943	626	198	31.6	398	63.6	596	95.2	30	4.8	—	—
Evacs :	17	5	29.4	11	64.7	16	94.1	1	5.9	—	—
1944	606	188	31	392	64.7	580	95.7	26	4.3	—	—
1945	766	250	32.6	474	61.9	724	94.5	42	5.5	—	—
TOTALS											
1935	2594	392	15	1944	75	2336	90	256	10	2	—
1936	2937	524	17.8	2153	73.3	2677	91.1	246	8.4	14	.5
1937	2039	495	24.3	1390	68.1	1885	92.4	148	7.3	6	.3
1938	2296	528	23	1611	70	2139	93.1	154	7	3	—
1939	1958	566	28.9	1284	65.6	1850	94.5	108	5.5	—	—
1940	1744	453	26	1178	67.5	1631	93.5	113	6.5	—	—
Evacs :	538	137	25.5	355	66	492	91.4	46	8.6	—	—
1941	3260	887	27.2	2158	66.2	3045	93.4	198	6.1	17	.5
Evacs :	687	195	28.4	458	66.7	653	95	33	4.8	1	.1
1942	2486	688	27.7	1631	65.6	2319	93.2	152	6.1	15	.6
Evacs :	115	32	27.8	76	66.1	108	93.9	5	4.3	2	1.8
1943	1585	310	19.6	1184	74.7	1494	94.2	91	5.7	—	—
Evacs :	19	5	26.3	13	68.4	18	94.7	1	5.3	—	—
1944	1599	506	31.6	1022	63.9	1528	95.5	71	4.4	—	—
1945	2026	645	31.8	1274	62.9	1919	94.7	107	5.3	—	—

ELEMENTARY EDUCATION.

STATISTICAL TABLES.

Return of Medical Inspections 1945.

A.—ROUTINE MEDICAL INSPECTIONS.

Number of Code Group Inspections :—

Entrants	....	....	....	....	....	*1260
Third Age Group	....	....	....	....	....	766
						<u>2026</u>
Number of Other Routine Inspections	....	....	....	....	....	Nil.

B.—OTHER INSPECTIONS.

Number of Special Inspections and Re-inspections						7324
---	------	------	------	------	------	------

NOTE.—*including 480 "under 5's,"

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

Age Groups	Number of Children Examined.	A (Excellent)		B (Normal)		C (Slightly Sub- Normal)		D (Bad)	
		No.	%	No.	%	No.	%	No.	%
"Under 5's."	480	160	33.3	311	64.8	9	1.9	—	—
"Entrants"	780	235	30.1	489	62.7	56	7.2	—	—
"Leavers"	766	250	32.6	474	61.9	42	5.5	—	—
TOTAL	2026	645	31.8	1274	62.9	107	5.3	—	—

Return of all Exceptional Children in the Area.

BLIND CHILDREN.—There are 3 children at Certified Schools for the Blind,

DEAF CHILDREN.—There is 1 child at a Certified School for the Deaf, and 1 not yet at a Certified School.

DIABETIC CHILDREN.—There is 1 child at a special school for Diabetics.

CRIPPLE CHILDREN.—There is 1 child at a Special School for Cripples.

MENTALLY DEFECTIVE CHILDREN.

FEEBLE-MINDED CHILDREN.

At Certified Schools	At Public Elementary Schools	At Other Institutions	At no School or Institution	Total
14	1	2	2	19

RETURN OF DEFECTS TREATED.

Group I.—Minor Ailments (excluding Uncleanliness, for which see Group IV).

2490 children suffered from Minor Ailments or Defects and received treatment. The Defects are classified as follows :—

Diseases of the skin	1382
Minor Eye Defects	172
Minor Ear Defects	300
Miscellaneous	636

Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I.)

DEFECT OR DISEASE	No. of Defects dealt with		
	Under the Authority's Scheme.	Otherwise	Total
Errors of Refraction (including Squint)	388	—	388
Other Defect or Disease of the Eyes (excluding those recorded in Group I).	116	—	116
TOTAL	504	—	504

Total number of children for whom spectacles were prescribed :—

(a) Under the Authority's Scheme	268
(b) Otherwise	—

Total number of children who obtained or received spectacles :

(a) Under the Authority's Scheme	257
(b) Otherwise	—

Group III.—Treatment of Defects of Nose and Throat.

NUMBER OF DEFECTS.

Received Operative Treatment		Received other forms of Treatment.	Total Number Treated.
Under the Authority's Scheme.	By Private Practitioner or Hospital apart from the Authority's Scheme.		
79	—	369	448

Group IV.—Uncleanliness and Verminous Conditions.

(i) Average number of visits per school made during the year by the School Nurses	4
(ii) Total Number of examinations of children in the Schools by School Nurses	15834
(iii) Number of individual children found unclean	438
(iv) Number of children cleansed under arrangements made by the Local Education Authority	—
(v) Number of cases in which legal proceedings were taken :—	
(a) Under the Education Act, 1921	—
(b) Under School Attendance Byelaws	—

Group V.—Orthopaedic and Postural Defects.**UNDER THE AUTHORITY'S SCHEME.**

Residential treatment with education.	Residential treatment without education.	Non-residential treatment at an orthopaedic clinic.	Total number treated.
13	—	87	87

SPEECH THERAPY.

Therapist—Miss Gladys A. Jansson, of Bath, Associate of the British Society of Speech Therapists.

Clinics held weekly.

Number of Clinics held	40
" " children seen	53
" " attendances made by above	334

TREATMENT OF DEFECTS OF NOSE, THROAT AND EAR AT SPECIAL CLINIC.

Number of cases referred for treatment	460
Number of Consultations	770
Number of Attendances at Clinic	854
Number for whom operation for tonsils and adenoids was advised	46
Number who received operation for tonsils and adenoids	55
Number of other operations performed	24
Number of cases cured	144
Number of cases remaining under observation or treatment	232
Number of cases for whom no report is available	84

TREATMENT OF SCABIES AT THE CLEANSING STATION.

Number of Cases treated	454
Number of attendances	494

SCHOOL ACCIDENTS.

There were 208 cases, mostly of a minor character, making 651 attendances at the Clinic.

HIGHER EDUCATION.

NUMBER OF CHILDREN ATTENDING THE SWINDON
SECONDARY SCHOOLS INSPECTED DURING THE YEAR
ENDED 31st DECEMBER, 1945.

ROUTINE MEDICAL INSPECTIONS.

Boys	....	....	....	.... 246
Girls	....	....	....	.... 468
Total	....	....	....	.... <u>714</u>

Number of Special Inspections and
Re-inspections 959

RETURN OF DEFECTS TREATED.

Group I.—Minor Ailments.

153 children suffered from Minor Ailments or Defects and received treatment. The Defects are classified as follows :—

Diseases of the Skin	58
Minor Eye Defects	28
Minor Ear Defects	31
Miscellaneous	36

Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I).

DEFECT OR DISEASE	No. of Defects dealt with.		
	Under the Authority's Scheme.	Otherwise	Total
Errors of Refraction (including Squint)	124	.....	124
Other Defect or Disease of the Eyes (excluding those recorded in Group I).	22	.....	22
TOTAL	146	.....	146

Total number of children for whom spectacles were prescribed :

(a) Under the Authority's Scheme	77
(b) Otherwise	—

Total number of children who obtained or received spectacles :

(a) Under the Authority's Scheme	74
(b) Otherwise	—

Group III.—Treatment of Defects of Nose and Throat.

NUMBER OF DEFECTS.

Received Operative Treatment.		Received other forms of Treatment	Total Number Treated.
Under the Authority's Scheme.	By Private Practitioner or Hospital apart from the Authority's Scheme.		
5	—	18	23

Group IV.—ORTHOPAEDIC AND POSTURAL DEFECTS.
Under the Authority's Scheme.

Residential Treatment with education.	Residential treatment without education.	Non-residential treatment at an orthopaedic clinic.	Total number treated
2	—	29	29

TREATMENT OF DEFECTS OF NOSE, THROAT AND EAR
at Special Clinic

Number of cases referred for treatment	36
Number of consultations	88
Number of attendances at Clinic	88
Number for whom operation for tonsils and adenoids was advised	2
Number who received operation for tonsils and adenoids	1
Number of other operations performed	4
Number of cases cured	20
Number of cases remaining under observation or treatment	14
Number of cases for whom no report is available	2

SCHOOL ACCIDENTS.

There were 63 cases, mostly of a minor character, making 131 attendances at the Clinic.

REPORT OF THE SCHOOL DENTAL SURGEON.

(W. KENYON BERRIE, L.D.S., R.F.P.S.(G.))

To the Chairman and Members of the Education Committee of the Borough of Swindon.

LADIES AND GENTLEMEN,

I have pleasure in presenting a report of Dental Inspection and Treatment for the year 1945.

During the year work was carried out for the Elementary Schools, Secondary Schools and the Commercial Classes of the College, also Maternity and Child Welfare Centre, and a visit was paid to the War-time Day Nursery at Pinehurst.

I have been unable to complete the Inspection and Treatment of all Elementary Schools in the year. There are still two schools to be completed.

The two Clinics (Eastcott Hill and Pinehurst) have been fully employed. In November Mr. Bruce Ferguson, L.D.S. (Glas.), joined the Staff temporarily for a few months and his assistance has been greatly appreciated.

The two Dental Attendants have had a full year, and have done good work. Both Dentists and patients are greatly helped by the valuable assistance that they give.

In the ELEMENTARY SCHOOLS, 8033 children were inspected, 4275 were referred for treatment (56.5%). 4329 teeth were extracted of which 406 were permanent teeth. 1130 teeth were filled. Other operations and advice were given to 2877. Scalings, Regulations and Crowns were done for 54 cases. 3 partial dentures were completed. 7694 appointments were made, 6663 were kept (86.6%).

In the SECONDARY SCHOOLS AND COMMERCIAL CLASSES, 1086 pupils were inspected. 435 were referred for treatment (40%). 225 teeth were extracted, 512 teeth were filled. Scalings and cleanings were completed for 26 pupils.

The total number of cases referred from the MATERNITY AND CHILD WELFARE CENTRE was 185, who made 320 visits. 94 were ante-natal or post-natal patients. 45 Dentures, 1 Remake and 2 Repairs were completed. 353 teeth were extracted and 49 filled.

Appended are the Statistical Tables.

Again I thank all members of the Health Staff and Teachers for their co-operation and help.

W. KENYON BERRIE,
Senior Dental Officer.

DENTAL INSPECTION AND TREATMENT.

Elementary Education.

(1) Number of Children inspected by the Dentist :—

(a) Routine age-groups:

Age	3	4	5	6	7	8	9	10	11	12	13	14	15
No.	104	472	861	1079	676	771	968	831	671	566	667	330	9

	TOTAL	8005
(d) Specials		28
(c) Total (Routine and Specials)		8033
(2) Number found to require treatment		4275
(3) Number actually treated		3482
(4) Attendances made by children for treatment		6663
(5) Half-days devoted to—Inspection		79
Treatment		849
Total		928
(6) Fillings—Permanent Teeth		1107
Temporary Teeth		23
Total		1130
(7) Extractions—Permanent Teeth		406
Temporary Teeth		3923
Total		4329
(8) Administration of general anaesthetics for extraction		877
(9) Other Operations—Permanent Teeth		568
Temporary Teeth		2309
Total		2877
Scalings		51
Regulation Appliances		2
Crowns		1
Dentures		3

DENTAL INSPECTION AND TREATMENT.

Higher Education.

(1) Number of children inspected by the Dentist:—

(a) Routine age-groups:

Age 11	12	13	14	15	16	17	18	19
3	136	192	201	175	132	93	27	6

TOTAL	962
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			TOTAL		862
(b) Specials					1

(c) Total (Routine and Specials)	963
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(2) Number found to require treatment		398
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(3) Number actually treated 384

(4) Attendances made by children for treatment	768
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(5) Half-days devoted to—Inspection		10
Treatment		76

Total		86
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(6) Fillings—Permanent Teeth				485
Temporary Teeth				1

Total	486
-------	-----

(7) Extractions—Permanent Teeth				132
Temporary Teeth	....	....	....	81

Total	213
-------	-----

(8) Administration of general anaesthetics for extraction 82

(9) Other Operations—Permanent Teeth	.....	76
Temporary Teeth		23

Total	99
-------	----

Scalings 26

[illegible]

Crowns	1000	1000	1000	1000
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SUMMARY OF RESULTS OF DENTAL INSPECTION AT THE SECONDARY SCHOOLS, YEAR 1945.

Secondary School.	ENTRANTS		RE-INSPECTIONS		Total Number Inspected	Total Number referred for treatment	Number free from caries
	Number Inspected	Number referred for treatment	Number Inspected	Number referred for treatment			
The Commonweal	27	14	394	196	421	210	211
The Headlands	52	16	489	172	541	188	353
TOTALS	79	30	883	368	962	398	564

DENTAL INSPECTION AND TREATMENT.

Day Commercial School.

(1) Number of children inspected by the Dentist—

(a) Routine age-groups :

Age 14	15	16	17
77	35	11	—
TOTAL			

123

(b) Specials

—

(c) TOTAL (Routine and Specials)

123

(2) Number found to require treatment

37

(3) Number actually treated

44

(4) Attendances made by children for treatment

58

(5) Half-days devoted to—Inspection 1 + 4 Lectures
Treatment

2

4

TOTAL

6

(6) Fillings—Permanent Teeth
Temporary Teeth

26

—

TOTAL

26

(7) Extractions—Permanent Teeth
Temporary Teeth

12

—

TOTAL

12

(8) Administrations of general anaesthetics for
extractions

3

(9) Other Operations—Permanent Teeth
Temporary Teeth

1

1

TOTAL

2

SUMMARY OF RESULTS OF DENTAL INSPECTION AT THE DAY COMMERCIAL SCHOOL, YEAR 1945.

ENTRANTS		RE-INSPECTIONS		Total Number Inspected	Total Number referred for treatment	Number free from caries
Number Inspected	Number referred for treatment	Number Inspected	Number referred for treatment			
49	20	74	17	123	37	86

REPORT OF THE SPEECH THERAPY CLINIC FOR THE YEAR ENDED 30th, JUNE 1946.

No. of Clinics held	....	....	39	
No. of attendances	....	....	284	
No. of new cases	....	....	46	
No. of old cases	....	....	15	43 Boys and 18 Girls

Complaints :

Stammer	....	....	22
Cleft Palate Speech	....	....	6
Lisp	....	....	4
Delayed Speech	....	....	1
Defective articulation	....	....	27
Defective articulation due to deafness	....	....	1

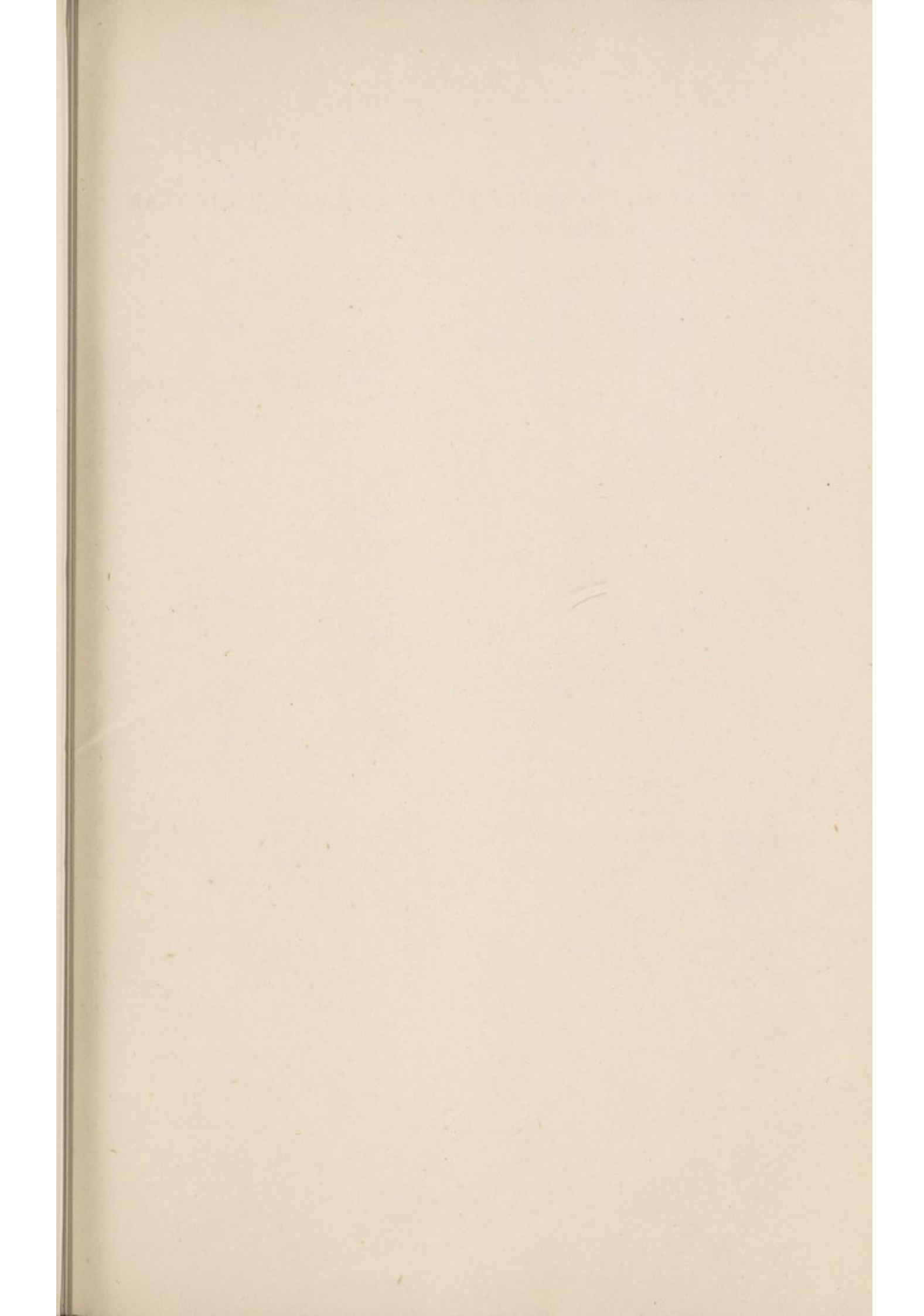
The number of children with cleft palate speech is greater this year than last. One child was to have seen Sir Harold Gillies, but the war has prevented his case from being dealt with so far. His speech is fair considering his condition, he is called to the clinic at intervals and always attends. I hope further surgical treatment may soon be considered now.

Ten children seen once and asked to come again did not do so. They will be given another opportunity next term. A few others attend for a time then fade away—this usually occurs where there is little home co-operation. Those who attend regularly make progress, slow often in the case of stammers. Some children with considerable articulation defects have shown very satisfactory improvement both in speech and in a general brightening up.

One little girl with jaw malformation was referred to the Dental Clinic where she is receiving treatment.

A few children referred for defective articulation are found to have poor speech generally and their condition to be rather one for general educational treatment than for special speech therapy.

G. A. JANSSON,
Speech Therapist.



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