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Warwickshire County Council.

ANNUAL REPORT

OF THE

COUNTY MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1947.

18TH OCTOBER, 1948.

1917

ANNUAL REPORT

OF THE

1917

OFFICE OF THE COUNTY MEDICAL OFFICER OF HEALTH,
SHIRE HALL, WARWICK.

To the Warwickshire County Council.

MR. CHAIRMAN, LADIES AND GENTLEMEN,

This Annual Report on the health of the County of Warwick during 1947 covers my first full year of office as County Medical Officer of Health.

In the Health Department during 1947 intensive work has been carried out in the preparation and submission of proposals for the administration of services under the National Health Service Act, 1946.

At the time of finishing this report the great changes enacted by this Statute have already begun to take effect, and the changes in the services under the control of the County Authority after 5th July, 1948 will be fully recorded in my next Annual Report. Tuberculosis is, however, already referred to in more detail than previously.

In this report statistical information has been increased and some of it has been arranged in the seven new health areas. Although these areas were not constituted until 1948, useful comparisons can be made with these figures within the County. This plan will be further developed in future reports. In many instances past statistics have been included and those of England and Wales are sometimes recorded for comparative purposes.

It is my view that annual health reports should give indications on aims which might reasonably be expected to be achieved in a certain time. The word "target" is now often used in this sense.

For instance in 1947 the Infant Mortality Rate of 34 for the County was the lowest County Rate ever recorded. It was 41 for England and Wales. On page 8 the best and worst figures in the County are recorded, but these figures must be interpreted with caution owing to the small numbers involved. In 1937 the Infant Mortality Rate for the County was 50 and for England and Wales it was 58. A satisfactory improvement, but how far can the rate be further reduced and how soon? It is a bold man who ventures on a firm statement of what will happen in the future and I hesitate to give a forecast in this report, but I think a rate of between 20 and 25 for the county as a whole at the end of the next 10 years might not be an unreasonable hope.

If this figure is to be achieved we should need more accurate statistical information which should include differential statistics for "social class," statistics arranged in families as well as in areas. The "Problem Family" question—where the Infant Mortality Rate may be as high as 88 in certain families—would need the most vigorous treatment.

The number of new cases (primary notifications) of pulmonary tuberculosis for the 10 years 1938-47 were:—308, 307, 295, 422, 331, 350, 438, 452, 434, 439, and the deaths notified were 188, 180, 213, 202, 187, 184, 188, 175, 192, 179. A somewhat similar trend was shewn for England and Wales. It seems that the progressive increase directly due to the war is now halted but the annual number of individuals who continue to become infected and develop this disease must be reduced to the pre-war level, and then below it. Information on these unfortunate people continues to arrive with grim regularity at the Health Department.

When one considers the personal suffering and despair which each of these people feel when told that they have contracted this disease—often in early life—one can realise the amount of human misery which lies behind a column of figures in a medical report.

Some years ago I made an inquiry into the effect of overcrowding, poor housing and a low standard of hygiene in the homes of patients suffering from pulmonary tuberculosis. When these conditions were present new cases occurred again and again in the same families. These observations, of course, have been made before but this first hand personal experience gave me much stronger views on the importance of remedying these known causes of pulmonary tuberculosis.

It is customary to classify pulmonary tuberculosis cases into three stages which may be described as "early," "intermediate," and "late." In order to make an accurate assessment of the degree of invasion of pulmonary tuberculosis on the population, the chance of curing the individual case and the relative danger of the new case infecting other persons, it is very desirable to have this classification at the time of notification. The age, sex and social class of patients notified is also of importance.

Better housing for all who are at present below the minimum standards; extra nourishment for those who need it; a much higher standard of hygiene in the home of the tuberculous person; the early diagnosis and treatment of all cases, including those found by examination of "contacts" or by systematic miniature X-ray; the isolation of the advanced case—all play a part in reducing the number of new cases of pulmonary tuberculosis. We would surely hope quickly to reduce the number of new cases notified each year to less than 300, and of these we should try with the utmost vigour to find them in the earliest stage of the disease, when the patients are still curable and less infectious.

Dr. J. McGEAGH WILLIAMS, Chief Tuberculosis Officer of the former Warwickshire and Coventry Joint Committee for Tuberculosis, has promised his full co-operation in our future work on the clinical and preventive aspects of tuberculosis.

During the year there were only 3 deaths from diphtheria; two of these were under 15 years of age and none had been immunised. In the 11 years 1937-47 the deaths from diphtheria (mostly children) were:—35, 30, 8, 11, 29, 15, 1, 9, 6, 3, 3. When will our "target" of no deaths from diphtheria in a year be reached?

The maternal mortality rate for the County in 1947 was 0.83 and the still-birth rate was 20. The maternal mortality rate is the lowest for 27 years, and the still-birth rate is less than half the figure for 1930.

It would be of interest to give comparative statistics of maternity cases going into hospital or confined in their own homes and of patients attending an ante-natal clinic or not doing so. Still-birth and maternal mortality rates in relation to nutrition and home circumstances are of great interest. The County Health Department supplied information which helped the Population Investigation Committee make their survey of the social and economic aspects of pregnancy and childbirth in Great Britain. The morbidity, mortality and zymotic rates of babies and children who do not attend child welfare clinics and how these compare with babies who have been brought to the clinics during the whole of their pre-school life would be of great interest. All these figures are of great value but are hard to collect and difficult to interpret owing to innumerable fallacies which have to be sought out and allowed for in the assessment.

The number of illegitimate births has declined from 6.75% to 5% of total births, the absolute figures being 598 to 481 births. The infant mortality rate for illegitimate infants—31.18 per 1,000 live illegitimate births is a remarkably low figure, it was 43.47 in 1946. It is reasonable in my opinion to interpret this low death rate as an index of the efficiency of our services to the unmarried mother, the number of whom assisted in 1947 was 272, in 1946 the figure was 335.

The health of children attending day nurseries is a constant concern of the Health Department, but it is almost impossible as yet to report our findings in a numerical form. At the present time we can say that no doubt a good home is the best place for the child, but that the day nursery makes a good second best for at least part of the 24 hours when the child has no real home. Opinions are sharply divided on the desirability or otherwise of admitting children under 2 years of age from reasonably good homes just to enable the mother to go out to work.

This year the birth rate of the County has increased from 19.64 in 1946 to 20.77 per 1,000 population. The absolute figures shew an increase of 692.

There is marked diminution in the number of new cases of venereal disease treated, e.g. syphilis 160, gonorrhoea 195. Last year the figures were 234 and 335 respectively. It is reasonable to assume that these lower attendances of new cases really reflect a lower actual incidence. We have no reason to believe that there is any serious degree of concealment of new cases.

The phenomenal increase in the use of the Ambulance Service is being watched somewhat anxiously by councillors and officials. In 1946 the Ambulance Service carried 35,867 cases and covered 394,967 miles at a cost of £40,170. In 1947 the figures were 42,783 cases carried and 462,354 miles travelled at a cost of £68,590. (The costs are shewn in financial years). The figures so far available for 1948 shew an even greater increase.

We are all pleased that the Service is so much valued and used. There is no doubt that many patients attend the larger hospitals for effective and valuable treatment and that this opportunity was denied many of them in the past.

However, every effort should be made by those requesting ambulances and sitting case cars to keep in mind the economics of the Service, as the number of journeys cannot continue indefinitely to increase at the present rate.

To return to the chief subject of this introductory letter—the statistics of preventive and social medicine and their value in assessing the health of our county. I believe interest in them will increase, in my opinion Committees are right in demanding concrete and tangible information in a form which can be measured and assessed by them. The skill needed to obtain such information is also being more appreciated.

One of the problems of preventive medicine is finding sufficient evidence which will indicate without any doubt that a real improvement in the health of the community is being brought about. A certain personal contact is made in home visiting and in clinics, but as the "patients" are in the main not officially "ill," one does not see—in a particular case—death averted or the patient cured from some trying or terrible illness. We must rely largely on the knowledge gained by an examination of statistics. As accurate information becomes available in more medical detail and is recorded in areas, occupation—and eventually in families—an opportunity of visualising the effect of the health services will make possible a real record of achievement for the staff, the Health Committee and the general public.

S. W. SAVAGE, M.D. (Camb.) D.P.H.,
County Medical Officer of Health.

County Medical Officer of Health and School Medical Officer :

S. W. SAVAGE, M.A., M.D. (Camb.), D.P.H.

Deputy County Medical Officer of Health and School Medical Officer :

I. FRASER MACKENZIE, M.D., D.P.H., D.T.M. and H. (Edin.).

Assistant County Medical Officers of Health and Assistant School Medical Officers :

Permanent :—

AGNES H. M. YOUNG, M.B., Ch.B., D.P.H. (Glas.).
J. HENDERSON, M.B., Ch.B., (Glas.), D.P.H. (Birm.).
M. J. KELLY, L.R.C.P.I. and L.M., L.R.C.P.S. and L.M., D.P.H.
KATHERINE SCOTT, M.B., Ch.B. (Glas.).
J. B. BRAMWELL, M.A. M.B., B. Chir., D.P.H. (Cantab.), M.R.C.S. (Eng.).
P. J. O'REILLY, M.D., B.A.O., D.Ch. (Cork).
G. R. KERSHAW, M.A. (Cantab.) M.R.C.S. (Eng.), L.R.C.P. (Lond.)
L. L. FYFE, M.D., F.R.F.P.S. (Glas.) D.P.H. (Cantab.).
GWENDOLEN K. G. COOTE, M.B., B.S. (Lond.), M.R.C.S. (Eng.), L.R.C.P. (Lond.).

Temporary :—

ELIZABETH THOMAS, M.B. B.Ch., B.A.O. (Belf.), D.P.H. (Lond.).
W. M. WALKER, M.C., M.B., B.Ch., B.A.O. (Belf.).

Tuberculosis Officers :— (Warwickshire and Coventry Joint Committee for Tuberculosis).

Chief Tuberculosis Officer :—

J. McGEAGH WILLIAMS, M.D. (Belf.), D.P.H.

Assistant Tuberculosis Officers :—

R. J. CYRIAX, M.D. (Brux.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), D.P.H.
L. G. McLACHLAN, M.B. (Glas.), C.B. (Glas.).
E. M. CALVEY, M.R.C.S., L.R.C.P. (Lond.), C.P.H.
A. G. EVANS, M.R.C.S., L.R.C.P.
G. D. WILD, M.R.C.S. (Eng.), L.R.C.P. (Lond.) (Temporary).

Dental Surgeons :—

J. C. CROSSLEY, L.D.S., R.F.D.S. (Senior Dental Surgeon).
H. J. BASTOW, L.D.S.
W. DOUGLAS, L.D.S.
W. FERRIS, L.D.S.
W. G. GRIFFITH-WILLIAMS, L.D.S.
V. L. L. HALL, L.D.S., R.C.S.
D. L. HORGAN, L.D.S. (Part-time).

Venereal Diseases Officers (Part time).

P. G. HORSBURGH, M.R.C.S., L.R.C.P., D.P.H. Nuneaton Clinic.
J. A. WAKES-MILLER, M.B., B.S. (Lond.), M.R.C.P. Hospital of St. Cross, Rugby.
G. G. C. TAYLOR, M.B., B.S., F.R.C.S. (Edin.), Warneford Hospital, Leamington Spa.
A. T. HAWLEY, M.A., M.B., B.Ch., F.R.C.S. (Edin.) Coventry and Warwickshire Hospital.

Social Workers :—

Mrs. PHYLLIS BLAKE, S.R.N., S.C.M.
Miss G. E. DAVIE, S.R.N., S.C.M., H.V. (Cert.)

Sanitary Inspectors :—

LEGGAT, F. H., M.R.San.I., A.I.S.E., M.S.I.A. (County Sanitary Inspector).
SPENCE, K. L., M.R.San.I., M.S.I.A. (Assistant Sanitary Inspector).

County Analyst :—

CHALMERS, F. G. D., M.A., B.Sc., F.R.I.C.

County Pathologist :—

PRIOR, A. P., M.B., B.S.

Deputy County Pathologist :—

MACKENZIE, I., M.B., B.S., M.R.C.S. (Eng.), L.R.C.P. (Lond.).

County Ambulance and Transport Officer :—

STALLARD, L. E.

Superintendent Health Visitor :—

WESTWATER, Miss E., S.R.N., S.C.M., H.V. Cert.

Supervisor of Midwives :—

KETTLE, Miss D. M., S.R.N., S.C.M.

HEALTH VISITORS AND MIDWIVES.

<i>Areas.</i>	<i>Health Visitors (holding H. V. Cert.)</i>	<i>County Midwives (holding C.M.B. Cert.)</i>
1. Sutton Coldfield.	Health Visitors employed by Borough not shewn.	DAVIDSON, Miss A. DUTFIELD, Miss D. SMITH, Mrs. S. D.
2. North-Eastern.	Nuneaton—Health Visitors employed by Borough not shewn. DILCOCK, Miss O. MALCOLM, Mrs. C. CUNNINGHAM, Miss A. M. AMBROSE, Miss E. M. JOSEPH, Miss R. A.	Nuneaton—midwives employed by Boeough not shewn. CROSSAN, Miss N. C. HARRIS, Mrs. A. HARVEY, Miss W. E. HENSON, Mrs. B. WALLBANK, Mrs. S. M.
3. Eastern.	TOMLIN, Mrs. M. M. HALL, Miss M. G. WEBBER, Miss A. RUSHTON, Miss V. E. ALLEN, Miss M. GIBBS, Miss J. MEADS, Miss M. ADAMSON, Miss M. R.	BODDY, Miss J. H. FIDDLER, Miss E. M.
4. North-Western.	GOODING, Mrs. C. EDWARDS, Miss B. SHEPHERD, Miss J.	
5. Solihull.	AGUTTER, Miss M. E. ADAMS, Miss E. S. BODENHAM, Miss M. A. P. GRANT, Miss A. MANTON, Miss E. A. MORGAN, Miss F. E.	
6. Central.	Leamington Spa—Health Visitors employed by Borough not shewn. BAKER, Miss N. G. CORBALLY, Miss M. DAVIE, Miss M. C. GODLEY, Miss M. PRIESTLEY, Mrs. S. P. WILLIAMS, Miss E.	
7. Southern.	COTTLER, Miss S. EVERITT, Mrs. A. M. GARDAM, Miss O. M. GAWTHORP, Miss V. MALARKEY, Miss S. J.	BROWN, Miss A. COOMBS, Miss B.
		HAKÉ, Miss M. (Relief Midwife).

The nursing staff are shewn in areas in anticipation of area administration.

Midwives employed by County and District Nursing Associations are not shewn.

Clerical Staff:—

Chief Clerk	C. W. HILLYARD.	
Senior Clerks	W. H. STONEY.	S. TOMLINSON.
	H. HAWES.	D. G. WEST.

WARWICKSHIRE—STATISTICS FOR 1947.

No.	Area, and County Districts.	Acres.	1. Population.		2. Live Births.		3. Stillbirths.		4. Deaths.		5. Tuberculosis, Pulmonary.		6. Tuberculosis, Other Forms.		7. Infant Mortality.		8. Maternal Mortality.*			
			Mid-1946.	Mid-1947.	No.	Birth Rate.	No.	Stillbirth Rate.	No.	Death Rate.	No. of Deaths.	Death Rate.	No. of Deaths.	Death Rate.	No. of Deaths.	Death Rate.	No. of Deaths.	Death Rate.		
1	Sutton Coldfield. Sutton Coldfield M.B.	13,978	44,460	45,280	857	18.92	14	16.07	502	11.08	14	0.30	3	0.06	18	21.00	—	—		
2	North-Eastern. Nantons M.B. ... Bedworth U.D. ... Atherstone R.D. ...	11,757 7,851 21,945	51,340	52,390	1,249	23.84	23	10.22	510	9.73	23	0.43	3	0.05	60	48.03	2	1.57		
			22,580	22,940	500	21.79	14	27.23	219	9.54	25	1.08	4	0.17	19	38.00	—	—		
			22,310	22,510	466	20.70	10	21.00	229	10.12	9	0.39	—	—	—	18	38.62	1	2.10	
			96,230	97,840	2,215	22.63	47	20.77	958	9.79	57	0.58	7	0.07	7	0.07	97	43.79	3	1.32
3	Eastern. Rugby M.B. ... Rugby R.D. ...	6,992 80,631	43,410	43,780	865	19.75	10	11.42	482	11.00	21	0.47	8	0.18	31	35.83	1	1.14		
			17,150	17,300	398	23.00	7	17.28	181	10.46	4	0.23	1	0.05	9	22.61	—	—		
			60,560	61,080	1,263	20.67	17	13.28	663	10.85	25	0.40	9	0.14	9	0.14	40	31.67	1	0.78
4	North-Western. Meriden R.D. ... Tamworth R.D. ...	61,775 22,042	33,770	34,800	773	22.21	15	19.03	348	10.00	9	0.25	1	0.02	30	38.80	1	1.26		
			15,650	15,810	335	21.18	10	28.98	161	10.18	5	0.31	1	0.06	10	29.85	—	—		
			49,420	50,610	1,108	21.89	25	22.06	509	10.05	14	0.27	2	0.03	40	36.10	1	0.88		
5	Southall. Southall U.D. ...	20,189	61,720	63,890	1,345	21.05	25	18.24	546	8.54	17	0.26	2	0.03	32	23.79	1	0.72		
			34,720	35,170	687	19.53	19	26.91	484	13.76	20	0.56	4	0.11	18	26.20	1	1.41		
6	Central. Leamington M.B. ... Warwick M.B. ... Kenilworth U.D. ... Southam R.D. ... Warwick R.D. ...	2,833 5,057 5,967 62,527 55,407	14,310	14,470	304	21.00	6	19.38	157	10.85	6	0.41	2	0.13	11	36.18	—	—		
			9,690	9,780	211	21.57	2	9.38	101	10.32	5	0.51	1	0.10	11	52.13	—	—		
			11,030	11,380	252	22.14	6	23.25	131	11.51	5	0.43	1	0.08	12	47.61	1	3.87		
			17,800	18,280	296	16.19	8	26.31	201	10.99	5	0.27	1	0.05	1	0.05	11	37.16	—	—
			87,550	89,080	1,750	19.64	41	22.89	1074	12.05	41	0.46	9	0.10	9	0.10	63	36.00	2	1.11
7	Southern. Stratford-on-Avon M.B. Alecster R.D. ... Shipston-on-Stour R.D. Stratford-on-Avon R.D.	6,900 37,524 53,339 81,996	13,550	13,750	277	20.14	7	24.64	192	13.96	3	0.21	1	0.07	10	36.10	—	—		
			12,450	12,610	244	19.34	6	26.13	149	11.81	—	—	—	—	9	36.88	—	—		
			7,800	7,890	141	17.87	1	7.04	103	13.05	5	0.63	—	—	4	28.36	—	—		
			16,680	17,200	340	19.76	11	31.33	209	12.15	3	0.17	2	0.11	14	41.17	—	—		
COUNTY TOTAL	TOTAL	179,759 668,710	50,480	51,450	1,002	19.47	25	24.34	653	12.69	11	0.21	4	0.07	37	36.92	—	—		
			450,420	459,220	9,540	20.77	194	19.93	4905	10.68	179	0.38	36	0.07	327	34.27	8	0.82		

* Death Rate per 1000 Total Births.

STATISTICS ARRANGED IN GROUPED URBAN AND RURAL DISTRICTS.

DISTRICTS.	AREA IN ACRES.	Birth-Rate.	Death-Rate.	Zymotic Death-Rate.	Infant Mortality under 1 year to Registered Births per 1,000.	POPULATION AT ALL AGES.		Registered Live Births.	AGES OF DEATHS.											CAUSES OF DEATHS.																															
						Census 1931.	Middle of 1947 Estimate of Registrar General.		All Ages.	Under 1 year.					Typhoid and Paratyphoid Fevers.	Scarlet Fever.	Whooping Cough.	Diphtheria.	Influenza.	Acute Poliomyelitis.	Acute Encephalitis.	Encephalitis.	Cerebro-Spinal Fever.	Tuberculosis of Respiratory System.	Other Tuberculosis.	Convulsions (see Cerebral Hemorrhage).	Cancer of Stomach and Duodenum.	Cancer of Breast.	Cancer of all other Sites.	Heart Disease.	Other Circulatory Diseases.	Diabetes.	Pneumonia (all forms).	Other Respiratory Diseases.	Ulcer of Stomach and Duodenum.	Diarrhoea, etc. (under 2 years).	Appendicitis.	Other Digestive Diseases.	Nephritis.	Peritonal and Post-operative Sepsis.	Other Maternal Causes.	Congenital Malformations.	Infantile Diseases.	Premature Births.	Suffocation.	Other deaths from violence.	Homicide.	Suicide.	All other causes.	Epilepsy.	Intercranial Vasculitis.
										1 and under 4.	5 and under 15.	15 and under 45.	45 and under 65.	65 and upwards.																																					
URBAN SANITARY DISTRICTS	81524	20.88	10.50	0.12	33	215319	301450	6295	3193210	32	28	277	758	1888	—	3	8	9	8	3	—	134	28	49	106	63290	830	161	22126	166	46	37	25	10	66	79	2	3	81	47	31	77	28	256	13	383					
RURAL SANITARY DISTRICTS	477186	20.56	10.85	0.09	36	136445	157780	3245	1712117	20	19	152	368	1036	—	1	2	15	2	2	2	45	8	24	47	38139	447	75	14	87	107	18	17	12	5	52	42	—	3	40	32	12	50	35	171	6	162				
WARWICKSHIRE	558710	20.77	10.68	0.11	34	351764	459230	9540	4900327	52	47	429	11262924	—	4	10	3	24	10	5	2179	36	73	153	101429	1277236	36213	273	64	54	37	15118	121	2	6	121	79	43127	63	427	19	545									
								RATE PER THOUSAND																																											

DEATHS FROM COMMON CAUSES, 1938—1947.

Year.	Cancer.		Heart and Circulatory Diseases.		Bronchitis.		Pneumonia.	
	Deaths.	Death Rate.	Deaths.	Death Rate.	Deaths.	Death Rate.	Deaths.	Death Rate.
	1938	580	1.45	1360	3.42	79	0.19	239	0.60
1939	636	1.54	1433	3.50	126	0.30	170	0.41
1940	641	1.51	1451	3.42	340	0.80	246	0.58
1941	716	1.55	1435	3.11	311	0.67	254	0.55
1942	711	1.55	1276	2.79	230	0.50	210	0.46
1943	694	1.55	1284	2.86	222	0.49	251	0.56
1944	742	1.66	1362	3.05	201	0.45	217	0.48
1945	688	1.57	1346	3.07	228	0.52	204	0.46
1946	753	1.67	1411	3.13	219	0.48	219	0.48
1947	756	1.64	1513	3.29	213	0.46	273	0.59

STATISTICAL REVIEW, 1921-1947.

Year.	Birth Rate.	Death Rate.	Zymotic Death Rate.	Pulmonary Tuberculosis Death Rate	Cancer Death Rate	Child Mortality 1 to 5 years.	Infant Mortality.	Still-births per 1,000 total births.	Maternal Mortality per 1,000 live births.
1921.	22.27	10.73	0.46	0.64	1.23	—	65	—	3.60
1922.	21.16	11.04	0.33	0.68	1.03	—	60	—	5.01
1923.	19.75	10.29	0.50	0.66	1.11	—	60	—	2.80
1924.	18.76	10.98	0.30	0.69	1.25	—	60	—	4.30
1925.	18.46	11.15	0.42	0.70	1.31	—	62	—	5.00
1926.	17.52	10.52	0.31	0.65	1.38	—	54	—	3.30
1927.	17.30	11.25	0.21	0.64	1.36	—	66	—	2.90
1928.	16.83	10.13	0.23	0.55	1.33	—	55	—	4.59
1929.	16.29	12.70	0.33	0.70	1.30	—	60	—	4.20
1930.	16.63	10.82	0.25	0.51	1.43	0.31	49	42	4.50
1931.	15.69	11.06	0.20	0.51	1.42	0.41	55	35	4.30
1932.	15.38	11.52	0.22	0.49	1.47	0.34	55	35	3.70
1933.	13.71	11.42	0.16	0.52	1.53	0.36	54	35	5.20
1934.	14.31	10.71	0.22	0.42	1.43	0.32	48	34	4.97
1935.	13.44	9.60	0.21	0.45	1.45	0.25	47	40	3.68
1936.	15.08	10.56	0.23	0.42	1.51	0.29	52	33	5.21
1937.	15.32	11.25	0.21	0.41	1.57	0.23	50	35	3.17
1938.	16.63	10.17	0.18	0.47	1.45	0.21	48	30	2.87
1939.	16.18	10.19	0.11	0.43	1.54	0.20	45	32	2.26
1940.	15.83	12.69	0.09	0.50	1.51	0.25	51	35	2.82
1941.	15.94	11.69	0.23	0.43	1.55	0.33	53	33	2.99
1942.	17.38	10.26	0.12	0.41	1.55	0.14	39	32	2.14
1943.	18.98	10.62	0.10	0.41	1.55	0.14	42	28	2.70
1944.	20.88	10.64	0.11	0.42	1.66	0.15	35	25	1.50
1945.	18.95	10.45	0.13	0.40	1.57	0.11	42	25	1.56
1946.	19.64	10.61	0.09	0.42	1.67	0.14	40	22	1.46
1947.	20.77	10.68	0.11	0.38	1.64	0.11	34	20	0.83

BIRTHS, RATES AND INFANT DEATH RATES.

	Males.	Females.	Total.	Birth Rate.	Deaths of Infants under 1 Year.	Infant Mortality Rate.
LIVE BIRTHS :—						
Legitimate	4710	4349	9059	19.72	312	34.44
Illegitimate	232	249	481	1.04	15	31.18
TOTALS	4942	4598	9540	20.77	327	34.27

STILLBIRTHS.

	Males.	Females.	Total Stillbirths.	Stillbirth Rate.
STILLBIRTHS :—				
Legitimate	95	86	181	19.58
Illegitimate	6	7	13	26.31
TOTALS	101	93	194	19.93

ANALYSIS OF STILLBIRTHS AND MATERNAL DEATHS, 1944-1947.

Area.	County Districts comprised.	1944						1945						1946						1947						
		Still Births.		Mat. Deaths.		*Mat. Death Rate.		Still Births.		Mat. Deaths.		*Mat. Death Rate.		Still Births.		Mat. Deaths.		*Mat. Death Rate.		Still Births.		Mat. Deaths.		*Mat. Death Rate.		
		Rate.	Other.	Sepsis	Other.	Rate.	Other.	Rate.	Other.	Sepsis	Other.	Rate.	Other.	Rate.	Other.	Sepsis	Other.	Rate.	Other.	Rate.	Other.	Sepsis	Other.	Rate.	Other.	
1. SUTTON COLD-FIELD.	Sutton Coldfield M.B.	29	33.64	—	—	—	—	19	27.06	1	2	4.39	—	—	—	—	14	16.07	—	—	—	—	—	—	—	
2. NORTH-EASTERN	Nudeaton M.B.	36	28.34	—	1	0.81	—	30	27.72	—	1	0.95	—	—	—	—	33	28.44	—	—	—	1	0.88	—	1	
	Bedworth U.D.	11	20.33	—	—	—	—	18	39.13	—	—	—	—	—	—	—	12	25.31	—	—	—	—	—	—	—	
	Atherstone R.D.	11	23.15	1	2	6.46	—	9	19.18	—	1	2.17	—	—	—	—	9	28.14	—	—	—	1	2.05	—	1	
3. EASTERN.	Rugby M.B.	21	23.17	—	1	1.12	—	17	20.23	1	1	2.43	—	—	—	—	13	14.92	—	—	—	—	—	—	—	
	Rugby R.D.	11	30.03	—	—	—	—	6	19.09	—	—	—	—	—	—	—	6	16.26	—	—	—	1	2.75	—	—	
4. NORTH-WESTERN.	Meriden R.D.	13	18.78	—	—	—	—	20	29.89	1	—	1.54	—	—	—	—	18	27.73	1	1	3.16	—	—	—	—	
	Tamworth R.D.	15	46.15	—	—	—	—	12	39.08	—	1	3.38	—	—	—	—	7	20.55	—	—	—	—	—	—	—	
5. SOLIHULL.	Solihull U.D.	31	21.66	3	1	2.80	—	31	26.40	—	—	—	—	—	—	28	22.38	2	1	2.45	—	—	—	—	1	
6. CENTRAL.	Leamington M.B.	18	26.39	—	3	4.51	—	14	21.08	—	—	—	—	—	—	—	12	17.90	—	—	—	3	4.53	—	—	
	Warwick M.B.	8	25.15	—	1	3.22	—	7	26.51	—	—	—	—	—	—	—	8	25.64	—	—	—	—	—	—	—	
	Kenilworth U.D.	3	14.85	—	—	—	—	4	22.09	—	—	—	—	—	—	—	5	26.31	—	—	—	—	—	—	—	
	Souham R.D.	5	21.18	—	—	—	—	5	23.04	—	—	—	—	—	—	—	4	19.60	—	—	—	1	5.00	—	—	
	Warwick R.D.	5	15.82	1	—	3.21	—	3	12.29	—	1	4.14	—	—	—	—	5	18.65	—	—	—	—	—	—	—	
7. SOUTHERN.	STRATFORD-ON-AVON M.B.	9	36.00	—	—	—	—	7	29.41	—	—	—	—	—	—	—	10	33.89	—	—	—	—	—	—	—	
	Alcester R.D.	4	17.16	—	—	—	—	4	16.46	—	—	—	—	—	—	—	4	17.39	—	—	—	—	—	—	—	
	Shipston-on-Stour R.D.	2	13.42	—	—	—	—	4	28.77	—	—	—	—	—	—	—	1	6.25	—	—	—	—	—	—	—	
	Stratford-on-Avon R.D.	10	34.60	—	—	—	—	6	19.86	—	1	3.37	—	—	—	—	8	24.09	1	—	—	—	—	—	—	
COUNTY TOTALS		242	25.35	6	8	1.50	—	216	25.39	3	10	1.56	—	—	—	202	22.32	4	9	1.46	—	—	—	—	—	2

*Death rate per 1000 Live Births.

ANALYSIS OF INFANT DEATHS, 1947.

Area.	County Districts comprised.	UNDER 1 MONTH.						1—12 MONTHS.				0—1 YEAR.				RATES.			
		Prematurity and Congenital Debility.	Congenital Malformations and Birth Injury.	Other Causes		All Causes	Measles, Whooping C. and Pneumonia.	Enteritis.	Other Causes		All Causes	Prematurity and Congenital Debility.	Congenital Malformations and Birth Injury.	Measles, Wk. C., Pneumonia.	Euteritis.	Other Causes	All Causes	Neo-Natal.	Infant Mortality, per 1,000 Live Births.
				Malignant Diseases.	Other Causes				Malignant Diseases.	Other Causes									
1. SUTTON COLD-FIELD.	Sutton Coldfield M.B.	9	3	—	12	1	2	3	6	9	3	1	2	3	18	14.00	21.00		
2. NORTH-EASTERN.	Nuneaton M.B.	25	11	10	46	7	4	3	14	25	11	7	4	13	60	36.82	48.03		
	Bedworth U.D.	3	3	2	8	6	—	5	11	3	3	6	—	7	19	16.00	38.00		
	Atherstone R.D.	5	3	1	9	6	1	2	9	5	3	6	1	3	18	19.31	38.62		
	TOTAL ...	33	17	13	63	19	5	10	34	33	17	19	5	23	97	28.44	43.79		
3. EASTERN.	Rugby M.B.	8	9	—	17	3	6	5	14	8	9	3	6	5	31	19.65	35.83		
	Rugby R.D.	3	1	2	6	1	—	2	3	3	1	1	—	4	9	15.07	22.61		
	TOTAL ...	11	10	2	23	4	6	7	17	11	10	4	6	9	40	18.21	31.67		
4. NORTH WEST-ERN.	Meriden R.D.	10	5	2	17	7	3	3	13	10	5	7	3	5	30	21.99	38.81		
	Tamworth R.D.	2	2	2	6	2	—	2	4	2	2	2	—	4	10	17.91	29.85		
	TOTAL ...	12	7	4	23	9	3	5	17	12	7	9	3	9	40	20.75	36.10		
5. SOLIHULL.	Solihull U.D.	4	7	4	15	5	4	8	17	4	7	5	4	12	32	11.15	23.79		
6. CENTRAL.	Leamington M.B.	6	7	—	13	4	1	—	5	6	7	4	1	—	18	18.92	26.20		
	Warwick M.B.	3	4	—	7	4	—	—	4	3	4	4	—	—	11	23.02	36.13		
	Kenilworth U.D.	4	3	1	8	2	—	1	3	4	3	2	—	2	11	37.91	52.13		
	Souham R.D.	6	1	—	7	3	2	—	5	6	1	3	2	—	12	27.77	47.61		
	Warwick R.D.	3	3	3	9	1	—	1	2	2	3	1	—	4	11	30.40	37.16		
	TOTAL ...	22	18	4	44	14	3	2	19	22	18	14	3	6	63	25.14	36.60		
7. SOUTHERN.	Stratford-on-Avon M.B.	3	1	4	8	2	—	—	2	3	1	2	—	4	10	28.88	36.10		
	Alcester R.D.	7	—	—	7	1	—	1	2	7	—	1	—	1	9	28.68	36.88		
	Shipston-on-Stour R.D.	2	1	—	3	1	—	—	1	2	1	1	—	—	4	21.37	28.41		
	Stratford-on-Avon R.D.	3	2	2	7	3	—	—	4	7	3	3	—	6	14	20.58	41.17		
	TOTAL ...	15	4	6	25	7	—	5	12	15	4	7	—	11	37	24.95	36.92		
	COUNTY TOTALS ...	106	66	33	205	59	23	40	122	106	66	59	23	73	327	21.48	34.27		

PREMATURE BIRTHS IN WARWICKSHIRE (M. & C.W. AREA), 1947.

Total Notified Births—9,965.

Weight Group.	Number of Premature Births.		Days of survival of those dying.														Over.	No. Surviving.	Per-centage survival.			
	Born alive.	Born dead.	First week.							Second week.												
			1	2	3	4	5	6	7	1	2	3	4	5	6	7						
lb. oz. lb. oz.	190	4	3	1	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	1	183	96.31
5.1 — 5.8	101	3	3	3	—	2	1	—	—	—	—	—	—	—	—	—	—	3	1	1	85	84.15
4.9 — 5.0	52	7	4	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	44	84.61
4.1 — 4.8	43	6	9	3	1	1	—	—	—	—	—	—	—	—	—	—	—	—	3	3	25	58.14
3.9 — 4.0	16	3	3	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	11	68.75
3.1 — 3.8	22	5	8	—	5	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	7	31.81
2.9 — 3.0	7	1	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1	2	28.57
2.1 — 2.8	5	4	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	20.00
1.9 — 2.0	3	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
1.1 — 1.8																						
TOTAL :	439	33	39	9	9	3	1	—	—	—	—	—	—	—	—	—	—	8	7	358	81.54	

81

PREMATURE BIRTH RATES.

		1943	1944	1945	1946	1947
Total (Live and Still) Births —Registrar-General.		8728	9543	8504	9050	9734
Premature Live Births.	Number (N.O.B.)	329	334	357	530	439
	Rate	37.69	35.00	41.98	58.56	45.09
Premature Stillbirths	Number (N.O.B.)	46	45	26	45	33
	Rate	5.27	4.71	3.05	4.97	3.39

CHILD WELFARE CENTRES.

<i>No. of Centres.</i>				<i>Medical Officer.</i>		<i>Children on Registers.</i>			<i>Attendances.</i>			<i>Health Visitors' Attendances.</i>
<i>Voluntary.</i>	<i>Fixed.</i>	<i>Served by Mobile Equipment.</i>	<i>Total.</i>	<i>Provided by Voluntary Committee.</i>	<i>Provided by County Council.</i>	<i>Up to 1 year.</i>	<i>Over 1 year.</i>	<i>Total.</i>	<i>Up to 1 year.</i>	<i>Over 1 year.</i>	<i>Total.</i>	
43	2	21	66	15	51	3895	5913	9808	51987	20089	72076	2667

CHILD WELFARE CENTRES.

Area No.	Area.	Centre.	Where held.	When held (all meetings at 2 p.m. unless otherwise stated)	Medical Officer.	New Cases— Children.		All children in attendance.		Total attendance.			
						Under 1 year.	One to five years	Under 1 year.	One to five years	Under 1 year.	One to five years	Total.	
1	SUTTON COLDFIELD	—	—	—	—	—	—	—	—	—	—	—	
2	NORTH-EASTERN.	Atherstone ...	Parish Hall...	Every Wednesday...	Dr. M. Bradford ...	63	—	63	81	1,188	133	1,321	
		Bedworth ...	Saunders Avenue	Every Monday and Thursday.	Dr. C. Appleyard ...	241	6	241	255	3,869	848	4,717	
		Bulkington ...	Council Rooms ...	Every Wednesday...	Dr. C. Appleyard ...	51	8	51	71	1,137	314	1,451	
		Dordon ...	Sunday School ...	1st and 3rd Mondays	Dr. A. Lindsay ...	42	2	43	84	532	472	1,004	
		Ansley Common ...	St. John's Hall ...	Every Wednesday...	Dr. M. J. Kelly ...	72	—	72	125	944	761	1,705	
		Polesworth ...	Baptist Church Room	2nd and 4th Tuesdays	Dr. C. A. Cowie ...	59	6	59	79	837	524	1,361	
		Baddesley ...	Liberal Club ...	4th Tuesday ...	Dr. G. K. Coote ...	38	1	37	38	225	92	317	
3	EASTERN.	Bilton ...	Church House ...	1st & 3rd Thursdays	Dr. A. H. M. Young.	40	3	40	95	543	375	918	
		Brinklow ...	Church Room ...	1st & 3rd Wednesdays	Dr. P. J. O'Reilly	36	—	36	65	271	242	513	
		Dunchurch ...	The Parish Hall ...	2nd & 4th Thursdays	Dr. A. H. M. Young.	36	—	36	105	438	548	986	
		Hillmorton ...	Dorothy Fenwick Club	2nd & 4th Mondays	Dr. A. H. M. Young	44	3	44	68	498	161	659	
		Long Lawford ...	Church Hall, Chapel Street	2nd & 4th Tuesdays	Dr. P. J. O'Reilly	37	7	37	73	437	256	693	
		New Bilton... ..	Wesleyan Chapel, Lawford Road	Every Wednesday	Dr. R. Smith ...	128	96	128	174	1,796	596	2,392	
		Rugby ...	Baptist Church Room, Regent Place	Alternate Mondays and every Friday	Dr. A. H. M. Young Dr. P. J. O'Reilly ...	303	—	303	285	4,186	488	4,674	
		Stretton-on-Duns- more	Village Hall ...	2nd & 4th Thursdays	Dr. K. Scott ...	60	1	60	116	607	332	939	
		Wolston ...	Oddfellows Hall ...	2nd Wednesday ...	Dr. P. J. O'Reilly ...	21	—	21	63	144	75	219	
		Wolvey ...	Village Hall, Sharpe Street	4th Tuesday ...	Dr. P. J. O'Reilly ...	34	28	34	48	220	163	383	
4	NORTH WESTERN	Armington ...	The Band Room,	1st & 3rd Wednesdays	Dr. G. Kershaw ...	38	—	38	38	511	303	814	
		Arley ...	Miners' Welfare Hall	1st & 3rd Tuesdays	Dr. M. J. Kelly	74	—	74	110	843	545	1,388	
		Castle Bromwich ...	Victory Hall ...	Every Tuesday ...	Dr. J. V. L. Grant	84	19	84	169	941	591	1,532	
		Coleshall ...	Town Hall ...	Every Monday ...	Dr. G. R. Kershaw	60	—	60	150	988	837	1,825	
		Hampton-in-Arden	Girls' Old School, High Street	1st & 3rd Thursdays	Dr. H. Christal ...	9	—	9	30	142	123	265	
		Keresley ...	Welfare Centre Hut	Every Thursday ...	Dr. Kander ...	109	38	109	235	1,094	1,151	3,145	
		Kingsbury ...	Methodist School Room	2nd & 4th Tuesdays	Dr. M. J. Kelly ...	43	—	43	95	710	667	1,377	
		Meriden ...	Mrs. Poole's Tea Rooms	2nd & 4th Mondays	Dr. G. R. Kershaw	40	3	28	60	389	224	613	
		Newton Regis	The Institute ...	2nd & 4th Wednesday	Dr. G. R. Kershaw	12	—	12	32	123	142	265	
		Wilnecote ...	Parish Hall...	1st & 3rd Mondays	Dr. J. V. L. Grant	56	4	56	114	813	470	1,283	
		Water Orton ...	Church Hall ...	2nd & 4th Wednesday	Dr. W. Walker ...	31	—	31	71	395	294	689	
		Balsall Street	Women's Institute	3rd Wednesday ...	Dr. M. J. Kelly ...	43	—	43	48	203	123	326	
		Berkswell ...	Reading Room ...	Alternate Tuesdays	Dr. J. Gaston ...	48	5	48	53	319	120	439	
		Fillongley ...	Village Hall ...	1st Friday ...	Dr. G. R. Kershaw	35	1	34	57	187	140	327	
		Marston Green ...	Free Church Hall ...	1st & 3rd Fridays, 10—12 noon	Dr. M. J. Kelly ...	28	—	25	48	342	146	488	
		Nether Whitacre ...	Methodist School Room	3rd Friday ...	Dr. G. R. Kershaw	16	5	16	26	117	67	184	
5	SOLIHULL.	Knowle ...	Women's Institute, Station Road	1st & 3rd Thursdays	Dr. J. L. Whatley...	46	—	46	85	787	211	998	
		Olton ...	Congregational Church Room	Every Thursday ...	Dr. J. Henderson ...	181	—	181	212	2,599	251	2,850	
		Olton (Wagon Lane)	Old Isolation Hospi- tal	Every Tuesday ...	Dr. J. Henderson	153	61	153	187	1,959	290	2,249	
		Shirley ...	The Institute, Church Road	Every Tuesday and Wednesday	Dr. E. Thompson ...	280	—	280	412	4,442	644	5,086	
		Solihull ...	P.A. Institution ...	Every Monday ...	Dr. J. Henderson ...	135	—	135	143	1,591	429	2,020	
		Hockley Heath ...	The Institute ...	Alternate Tuesdays	Dr. Galbraith ...	14	18	14	52	231	166	397	
6	CENTRAL.	Bishops Itchington	Memorial Hall ...	1st & 3rd Wednesdays	Dr. J. B. Bramwell	48	3	48	84	286	277	563	
		Cubbington ...	Methodist Sunday School	1st & 3rd Thursdays	Dr. P. Whitfield ...	36	3	36	71	405	287	692	
		Kenilworth ...	Parochial Hall, High Street	Every Friday ...	Dr. J. B. Bramwell	99	1	102	104	1,463	219	1,682	
		Napton ...	The Victory Hut ...	2nd & 4th Tuesdays	Dr. K. Scott ...	21	—	21	35	150	99	249	
		Southam ...	C.W.C. Hut ...	1st & 3rd Tuesdays	Dr. K. Scott ...	29	—	29	50	365	167	532	
		Warwick ...	F.A. Post, Lakin Road	Every Wednesday and Friday	Dr. J. B. Bramwell Dr. P. Whitfield ...	206	—	206	221	3,518	447	3,965	
		Whitnash ...	St. Margaret's Hall	2nd & 4th Fridays	Dr. D. F. L. Croft	32	7	32	70	363	135	498	
		Baginton ...	British Legion Hut	2nd Wednesday ...	Dr. J. Hamilton Wood.	6	1	6	14	34	16	50	
		Barford ...	Village Hall ...	3rd Wednesday, 10—12 noon	Dr. J. Bramwell ...	14	—	14	49	90	105	195	
		Lapworth ...	The Cafe ...	4th Tuesday, 10—12 noon	Dr. J. Hamilton Wood.	8	—	8	21	55	73	128	
		Long Itchington ...	Village Hall ...	4th Monday ...	Dr. K. Scott ...	18	—	18	46	114	109	223	
		Stockton ...	Village Hall ...	4th Monday ...	Dr. K. Scott ...	13	8	13	26	74	61	135	
		Stoneleigh ...	Victory Hall ...	Alternate Mondays	Dr. J. Hamilton Wood.	25	11	25	53	182	202	384	
		Wroxall ...	The School ...	1st Wednesday, 10—12 noon	Dr. J. Bramwell ...	8	—	8	20	81	37	118	
7	SOUTHERN	Alcester ...	Baptist School ...	1st & 3rd Fridays ...	Dr. E. S. Thomas ...	37	—	37	73	702	252	954	
		Bidford-on-Avon ...	Welfare Hut ...	Every Tuesday ...	Dr. M. V. Murray ...	34	—	34	59	393	601	994	
		Earlswood ...	Village Hall ...	2nd & 4th Mondays	Dr. G. W. Phillips	31	—	31	43	438	275	713	
		Henley-in-Arden ...	Public Hall ...	2nd & 4th Mondays	Dr. R. Van Farr	37	4	37	82	344	238	582	
		Kineton ...	The Village Hall ...	2nd & 4th Fridays	Dr. K. Scott ...	37	—	37	69	299	427	726	
		Shipston-on-Stour	The Hostel ...	1st Tuesday ...	Dr. J. B. Bramwell	25	5	25	85	188	295	483	
		Stratford-on-Avon...	Tyler Street ...	Every Tuesday and Wednesday	Dr. E. S. Thomas ...	182	10	182	188	2,889	613	3,502	
		Studley ...	Wesleyan School ...	Every Thursday ...	Dr. J. B. Bramwell	59	—	59	74	552	387	939	
		Lower Brailes ...	Church Institute ...	3rd Thursday, 10—12 noon	Dr. Walker ...	12	—	12	25	78	77	155	
		Tanworth-in-Arden	Muntz Memorial Hall	1st Wednesday ...	Dr. Galbraith ...	6	—	6	19	27	34	61	
		Welford-on-Avon ...	Memorial Hall ...	4th Wednesday, 10—12 noon	Dr. Walker ...	9	1	9	26	81	72	153	
		Wellesbourne ...	Conservative Club...	3rd Thursday ...	Dr. Walker ...	26	8	26	53	251	142	393	
		Whitchurch ...	The Hut ...	4th Wednesday ...	Dr. Walker ...	10	7	10	31	67	128	195	
							3,908	384	3,895	5,913	51,987	20,089	72,076

NURSING IN THE HOME.

SUMMARY OF WORK UNDERTAKEN BY NURSES EMPLOYED BY DISTRICT NURSING ASSOCIATIONS AFFILIATED TO THE COUNTY NURSING ASSOCIATION.

Cases.			Visits					Clinics.	
Mid-wifery.	Mater-nity.	General	Mater-nity.	Mid-wifery.	Ante-Natal.	Gen-eral.	Casual.	Attendances at :	
								Child Welfare Centres.	Ante-Natal.
1,493	531	5,691	10,676	28,718	14,583	107,461	14,830	707	210
Total—7,715			Total—176,268					Total—917.	

HOME VISITING BY HEALTH VISITORS.

No. of Health Visitors.	Live Births.	Visits to Infants under 1 year.		Visits to Children between 1 and 5 years.		Total.
		First Visits.	Re-visits.	First Visits.	Re-visits.	
33	9,540	7,392	17,701	3,618	27,617	56,328

CHILD LIFE PROTECTION.

On register 31st Dec., 1946.	Removed during 1947.	Added during 1947.	On register 31st Dec., 1947.	Health Visitors Visits.	
				First visits.	Re-visits.
86	31	52	107	155	651

Midwives.

There were 101 midwives practising in Warwickshire during 1947, as follows :—

1. Domiciliary :					
(a) Directly employed by County Council ... ..	...	...	...	...	15
(b) Directly employed by Nuneaton Borough Council* ... ..	...	...	...	...	5
(c) District Midwives, District Nurse Midwives or Village Nurse Midwives employed by District Nursing Associations ... ..	...	...	...	...	50
(d) District Midwives employed by Warneford Hospital ... ..	...	...	...	...	3
(e) Independent ... ..	...	...	...	...	19
(f) Living outside the County ... ..	...	...	...	...	9
Total					101

*Nuneaton is a separate Local Supervising Authority, but the number is included to shew the total for the whole of the Administrative County.

2. Institutions.

Voluntary Hospitals	...	...	...	...	...	...	...	20
County Hospitals	...	...	...	...	...	...	...	15
Local Authority's Maternity Homes	...	...	...	...	...	...	...	23
Private Maternity Homes	...	...	...	...	...	...	...	26
								—
								84
								—
								185
								—

Analysis of Cases.

Attended by Midwives without Doctors	...	...	...	...	...	...	...	5,547
Attended as maternity cases with Doctors...	...	...	...	...	...	...	...	2,354

Institutional deliveries:

County Hospitals	...	...	...	...	...	...	...	999
Voluntary Hospitals	...	...	...	...	...	...	...	2,302
County Maternity Homes	...	...	...	...	...	...	...	807
Nursing Homes	...	...	...	...	...	...	...	1,710
								—
								5,818
								—

Notified Births, 1947:

Maternity and Child Welfare County	...	...	...	...	...	...	...	6,452
Boroughs of Leamington	...	...	...	...	...	...	1,128	
Nuneaton	...	...	...	...	...	...	1,673	
Sutton Coldfield	...	...	...	...	...	...	712	
								—
								3,513
								—
								9,965
								—

Institutional confinements	...	...	...	...	...	...	58.4%
Domiciliary confinements	...	...	...	...	...	...	41.6%

Medical Help for Midwives.

Cases in which sought	1,125
-----------------------	-----	-----	-----	-----	-----	-----	-----	-------

Obstetric Consultant Service.

Cases in which consultant called in	16
-------------------------------------	-----	-----	-----	-----	-----	-----	-----	----

Puerperal Pyrexia.

Maternity and Child Welfare County	...	...	...	...	...	...	...	16
Boroughs of Leamington, Nuneaton and Sutton Coldfield	...	...	...	...	...	...	...	20
								—
								36
								—

Admitted to Hospital:	...	...	...	...	...	...	...	2
Deaths from Puerperal Sepsis	...	...	...	...	...	...	...	2

Ante Natal Care.

(a) Hostel Accommodation.

Details of Hostel facilities provided at Stratford-on-Avon, both for expectant mothers, and for the care of mothers and babies, transferred from the Maternity Home or Hospital, are as follows:—

	No. of beds.	No. of mothers admitted.	Average length of stay (days).
<i>Ante Natal Hostel—</i>			
2, Guild Street, Stratford-on-Avon	25	178	15.66
<i>Post Natal Hostel—</i>			
Rother Street, Stratford-on-Avon	16	115	24.77

(b) *Hamilton Home.*

During the year, 8 cases were admitted to the Home, in respect of which liability was incurred for 111 weeks' maintenance. Of the 8 cases, 4 were chargeable for a period of 24 weeks or over, and 4 for shorter periods.

(c) *Ante-Natal Clinics.*

<i>Name of Clinic.</i>	<i>No. of women attending.</i>	<i>Total attendances.</i>
Bedworth	232	941
Keresley	67	190
Rugby	505	2,894
Stratford-on-Avon	375	2,269*
Warwick	174	816
Wilnecote	39	154

*Plus 38 Post Natal attendances.

(d) *Ante Natal Medical Practitioner Scheme.*

Cases referred to Doctors by Midwives:—

Uninsured	881
Insured	280

THE CARE OF THE UNMARRIED MOTHER AND HER CHILD.

NEW CASES IN YEAR ENDED 31ST DECEMBER, 1947.

<i>Number of cases dealt with.</i>		<i>Referred by Moral Welfare Societies.</i>	<i>Referred from other sources.</i>	<i>Warwickshire Women.</i>	<i>Non-Warwickshire women.</i>		
346		89	257	272	74		
		<i>Previous Pregnancies.</i>		<i>Age classification—</i>			
<i>Married.</i>	<i>Single.</i>	<i>Widowed.</i>	<i>Under 20</i>	<i>20—25</i>	<i>26—30</i>	<i>31—40</i>	<i>41—50</i>
82	249	15	43	178	70	50	5
346							

DISPOSITION OF CASES.

<i>Baby died.</i>	<i>Fostered.</i>	<i>Adopted.</i>	<i>Mother Keeps.</i>	<i>Pregnancy terminated.</i>	<i>Referred elsewhere.</i>	<i>Not pregnant.</i>
5	4	73	253	5	5	1

346

Nursing Homes Registrations

Two new applications for registration of Nursing Homes were received during the year. One registration was cancelled in Solihull U.D., leaving 9 homes registered at the end of 1947.

NURSING AND MATERNITY HOMES ON REGISTER, DECEMBER 31st, 1947.

The Boroughs of Leamington Spa, Nuneaton and Sutton Coldfield have delegated powers for Registration of Nursing and Maternity Homes, and Homes situate therein are not included in the following table:—

District.	Nursing only.		Maternity only.		Nursing and Maternity.			Total Beds.			
	No.	Total beds.	No.	Total beds.	No.	Nursing beds.	Maternity beds.	No.	Nursing and other.	Maternity.	Total.
KENILWORTH ...	—	—	—	—	1	6	4	1	6	4	10
RUGBY M.B. ..	—	—	—	—	1	6	5	1	6	5	11
SOLIHULL U.D. ...	—	—	2	50	1	1	4	3	1	54	55
ALCESTER R.D. ...	—	—	1	2	—	—	—	1	—	2	2
SOUTHAM R.D. ...	—	—	1	4	—	—	—	1	—	4	4
STRATFORD-ON-AVON R.D. ...	—	—	1	2	—	—	—	1	—	2	2
WARWICK R.D. — ...	—	—	—	—	1	19	6	1	19	6	25
	—	—	5	58	4	32	19	9	32	77	109

NURSERIES.

The residential and day nurseries referred to in my last Report have continued to operate during the year, with the exception of the Emscote Road Nursery, Warwick, which was transferred to the Education Authority, for use as a Nursery School, on March 1st, 1947.

Nursery Schools have been established in connection with the nurseries at Atherstone, Kenilworth and Rugby, as shown in the following summary:—

Nursery.	No. of places under Welfare Authority.	Numbers on Registers at 31st Dec., 1947.
<i>Day Nurseries :</i>		
Atherstone, Ratcliffe Road (M. & C.W.) ... (Nursery School)	8 35	8 40
Kenilworth, Station Road (M. & C.W.) ... (Nursery School)	15 30	15 35
Rugby, Holbrook Avenue (M. & C.W.) ... (Nursery School)	15 45	15 44
Shirley, Marshall Lake Road (M. & C.W.) ...	45	40
Warwick, Priory Road ... (M. & C.W.)	50†	49
<i>Residential Nurseries :</i>		
Rugby, 14, The Crescent	26	19
Wilnecote, Watling Street	16	16

† Maximum now reduced to 45 places.

NURSERY NURSES' TRAINING SCHEME.

No. in training on 31/12/46.	Students enrolled during 1947.	No. who passed County examination during 1947.	No. who passed R.S. I. examination during 1947.	No. employed in County Nurseries after training.	No. who transferred to Hospital for general nursery training.	No. who took posts elsewhere as nursery nurses or in private employ.	No. still training on 31/12/47.
25	20	*7	6	3	3	1	27

*One student also passed the examination of the National Nurseries Examination Board.

CONTROL OF INFECTIOUS DISEASE. DIPHTHERIA IMMUNISATION, 1947.

District.	No. of children who completed a full course of Primary Immunisation in year to 31/12/47.			No. of children given secondary or reinforcing Injection.
	Age at final injection.		Total.	Year to 31/12/47.
	Under 5.	5—14.		
<i>Urban :</i>				
Bedworth	375	137	512	23
Kenilworth	142	54	196	48
Leamington Spa	390	130	520	27
Nuneaton	494	167	661	39
Rugby	466	14	480	77
Solihull	832	194	1,026	353
Stratford-on-Avon	194	23	217	22
Sutton Coldfield	433	6	439	9
Warwick	199	28	227	20
<i>Rural :</i>				
Alcester... ..	108	8	116	17
Atherstone	386	44	430	6
Meriden... ..	484	76	560	101
Rugby	174	6	180	37
Shipston-on-Stour	106	6	112	109
Southam	112	13	125	12
Stratford-on-Avon	188	18	206	189
Tamworth	241	57	298	7
Warwick	123	9	132	92
TOTALS	5,447	990	6,437	1,188

NOTIFICATION OF INFECTIOUS DISEASES.—Summary of Returns of Medical Officers of Health for the year ended 31st December, 1947.

	Estimated Civilian Population as at June 30th, 1947.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28		
		Small Pox.	Scarlet Fever.	Diphtheria in Membranous Group.	Etiotic Fever (Typhoid).	Furunculoid Cases.	Pneumonia.	Food Poisoning.	Plague.	Psittacine Fever.	Paratyphoid.	Pyrexia.	Cerebro-spinal Fever.	Acute Poliomyelitis.	Acute Encephalitis.	Encephalitis Lethargica.	Typhus Fever.	Relapsing Fever.	Continued Fever.	Trench Fever.	Dysentery.	Ophthalmia Neonatorum.	Erysipelas.	Pulmonary Tuberculosis.	Other Tuberculosis.	Malaria.	Other Cases.	Chicken-Pox.	Measles (excluding German Measles).	Whooping Cough.	
URBAN :—																															
Bedworth	22,940	63	6	...	...	46	...	...	...	...	2	6	...	...	2	...	...	...	...	...	1	4	30	7	...	...	...	313	16
Kenilworth	9,780	10	2	...	...	3	...	...	...	...	1	...	5	...	...	...	...	...	...	...	...	...	3	1	...	...	...	77	29
Leamington Spa	35,170	29	24	...	...	25	...	...	...	...	16	3	9	...	...	...	...	...	...	7	2	4	50	5	...	...	...	190	20
Nuneaton	52,390	274	28	...	...	47	...	...	...	...	...	2	3	...	...	...	...	...	...	1	2	12	88	13	...	...	21	343	27
Rugby	43,780	80	1	...	...	34	...	...	...	...	2	1	4	...	...	...	...	...	...	3	2	6	45	13	...	...	...	460	88
Solihull	63,890	103	22	...	...	37	...	...	...	...	1	...	22	1	...	...	...	...	...	...	5	5	43	6	...	...	...	898	195
Stratford-on-Avon	13,750	30	...	...	...	38	...	...	...	...	4	3	7	1	...	...	...	...	...	1	1	1	8	2	...	1	...	182	29
Sutton Coldfield	45,280	107	6	...	...	28	...	...	...	...	4	3	31	3	...	...	...	...	...	1	2	9	23	7	...	1	...	380	61
Warwick	14,470	12	1	...	...	14	...	...	...	...	1	5	10	...	1	...	...	...	...	...	...	2	26	—	...	...	...	118	26
RURAL :—																															
Alcester	12,610	12	2	...	...	32	...	...	...	...	1	...	...	1	...	...	...	...	...	...	...	2	8	4	...	...	...	361	18
Atherstone	22,510	34	2	...	...	56	...	...	...	...	...	...	4	1	...	...	...	...	...	...	...	3	28	9	...	...	...	246	13
Meriden	34,800	48	10	...	...	58	...	...	...	...	5	3	7	2	1	...	...	...	...	2	...	9	29	9	...	...	...	423	51
Rugby	17,300	22	...	...	...	12	...	...	...	...	2	...	1	1	...	...	...	...	...	2	1	...	17	10	...	...	...	78	46
Shipston-on-Stour	7,890	5	...	...	...	3	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	2	3	...	...	...	5	...
Southam	11,380	12	4	...	...	3	...	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	11	2	...	...	...	153	87
Stratford-on-Avon	17,200	24	3	...	...	12	...	...	...	...	...	1	7	...	...	...	...	...	...	...	...	...	8	2	...	...	1	184	16
Tamworth	15,810	7	...	...	...	12	...	...	...	...	1	...	5	...	...	...	...	...	...	1	1	1	4	3	...	...	...	76	16
Warwick	18,280	26	7	...	...	5	...	...	...	...	...	1	5	1	...	...	...	...	...	5	...	1	16	2	...	...	...	91	5
TOTALS	459,230	898	118	1	6	465	...	...	...	36	25	123	11	4	60	439	98	2	22	19	60	439	98	2	22	4578	743		

The following table shews the infectious diseases notified during 1947, and the deaths recorded, together with the relative figures for the two previous years:—

<i>Diseases.</i>	1947.		1946.		1945.	
	<i>Cases Notified.</i>	<i>Deaths.</i>	<i>Cases Notified.</i>	<i>Deaths.</i>	<i>Cases Notified.</i>	<i>Deaths.</i>
Smallpox ...	—	—	—	—	—	—
Scarlet Fever ...	898	—	556	1	657	1
Typhoid ...	1	—	7	—	3	—
Paratyphoid Fever ...	6	—	19	—	2	—
Diphtheria ...	118	3	82	3	113	6
Whooping Cough ...	743	10	1,063	5	776	12
Puerperal Pyrexia ...	36	2	32	4	54	3
Pneumonia ...	465	273	542	219	426	204
Cerebro-Spinal Fever	25	2	25	3	25	9
Acute Poliomyelitis ...	123	10	13	4	—	—
Acute Poliоencephalitis	11		—	—	3	1
Encephalitis Lethargica	4	5	2	6	—	—
Measles ...	4578	4	969	3	4,195	12

Vaccination against Smallpox.

The following statistics relate to vaccination in 1947, with corresponding figures for five previous years:—

	1947.	1946.	1945.	1944.	1943.	1942.
Conscientious Objections—Per cent. of registered births ...	43.81	43.76	43.49	44.43	44.05	45.88
Successful vaccinations ...	25.89	25.47	25.55	25.07	28.00	23.42
Insusceptible of vaccination ...	0.47	1.21	0.15	0.38	0.38	0.32
Postponed on medical certificate...	0.86	0.46	0.51	0.60	0.42	0.52
Left the County ...	11.92	12.13	13.57	12.52	11.75	9.54
Lost sight of ...	4.15	4.10	3.82	3.78	3.36	4.26

RETURN shewing the number of Births Registered, together with the number of such cases successfully Vaccinated or otherwise disposed of in the Districts of the COUNTY OF WARWICK during the year ended 31st December, 1947.

VACCINATION DISTRICTS.	No. of Births returned in "Birth List Sheets" as Registered during the year ended 31st Dec., 1946. 1	Cases successfully vaccinated, 1947.		Insusceptible of Vaccination. 4	Died Unvaccinated. 5	Cases under Postponement. 6	Removals to other Vaccination Districts. 7	No. of cases not to be found. 8	Number of cases remaining Unvaccinated at end of 1947. 9	No. of Conscientious Certificates 10
		No. of Cases. 2	Percentage of Births shewn in column 1. 3							
therstone ...	326	42	12.88	—	12	—	—	—	178	94
eriden... ..	1,107	175	15.80	5	30	2	196	28	118	553
utton Coldfield	680	454	66.76	7	7	32	40	20	34	86
unworth ...	233	50	21.45	6	13	4	13	7	—	140
uncaton ...	1,508	76	5.03	—	60	19	206	75	212	860
edworth ...	313	49	15.65	3	1	2	—	30	—	228
ibull	1,113	420	37.73	—	38	3	32	95	120	405
gby	1,001	353	35.26	1	29	9	35	44	67	463
mchurch ...	101	10	10.00	—	1	—	—	1	41	48
amington Spa	1,017	239	23.50	17	25	2	262	2	—	470
arwick ...	552	123	22.28	1	17	2	169	5	52	183
milworth ...	199	53	26.63	—	3	3	29	—	61	50
atham ...	130	49	37.69	—	2	—	12	1	—	66
ratford-on-Avon	546	191	34.98	3	13	1	28	55	21	234
cester... ..	134	52	38.80	—	1	—	—	—	20	61
ellesbourne ...	95	40	42.10	1	6	1	10	3	—	34
ipston-on-Stour	171	13	7.60	—	6	—	68	17	—	67
TOTALS ...	9,226	2,389	25.89	44	264	80	1,100	383	924	4,042

Prevention of Blindness.

Ophthalmia Neonatorum.—Details of notifications received during the year, with corresponding figures for the years 1942 to 1946, are summarised as follows:—

	1947.	1946.	1945.	1944.	1943.	1942.
Total notifications	19	14	25	24	29	23
Cases resident in Boroughs of Leamington Spa, Nuneaton and Sutton Coldfield	6	4	9	6	16	7
M. and C.W. County	13	10	16	18	13	16
Admitted to Hospital	6	9	1	—	—	1
Vision impaired	—	—	—	—	—	—

TUBERCULOSIS, 1947.

Area.	NO. OF DEFINITE CASES ON CLINIC REGISTER AT THE END OF 1947.												DEATHS.						MORTALITY.										
	PRIMARY NOTIFICATIONS.						Pulmonary.						Other Forms.						Pulmonary.		Other Forms.		Total.						
	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	M.	F.	Ch.	Total.	Pol- monary.	Other Forms.	Pol- monary.	Other Forms.	Total.
1. SUTTON COLD-FIELD.	13	10	—	23	2	1	4	7	47	37	4	88	10	9	20	39	9	5	—	14	3	—	3	—	3	0.30	0.06	0.37	
2. NORTH-EASTERN.	48	33	7	88	2	—	11	13	131	98	24	253	22	28	30	80	13	10	—	23	3	—	3	—	3	0.43	0.05	0.49	
	9	16	5	30	1	1	5	7	61	29	15	105	8	9	12	29	13	12	—	25	3	—	4	—	4	1.08	0.17	1.26	
	11	14	3	28	1	2	6	9	44	25	5	74	11	11	10	32	3	6	—	9	—	—	—	—	—	—	0.39	—	0.39
	68	63	15	146	4	3	22	29	236	152	44	432	41	48	52	141	29	28	—	57	6	—	7	—	7	0.58	0.07	0.65	
3. EASTERN.	25	18	2	45	3	2	8	13	121	80	17	218	23	26	35	84	16	5	—	21	5	—	8	—	8	0.47	0.18	0.66	
	11	5	1	17	1	3	6	10	29	18	12	59	7	10	14	31	3	1	—	4	—	—	1	—	1	0.23	0.05	0.28	
	36	23	3	62	4	5	14	23	150	98	29	277	30	36	49	115	19	6	—	25	5	—	9	—	9	0.40	0.14	0.55	
4. NORTH-WESTERN.	19	8	2	29	1	—	8	9	51	56	7	114	13	17	24	54	4	5	—	9	—	—	1	—	1	0.25	0.02	0.28	
	2	2	—	4	—	—	3	3	19	8	3	30	7	3	9	19	1	4	—	5	1	—	—	—	—	1	0.31	0.06	0.37
	21	10	2	33	1	—	11	12	70	64	10	144	20	20	33	73	5	9	—	14	1	—	2	—	2	0.27	0.03	0.31	
5. SOLIHULL.	27	14	2	43	2	—	4	6	100	63	15	178	9	9	18	36	11	6	—	17	1	—	2	—	2	0.26	0.03	0.29	
6. CENTRAL.	28	19	3	50	—	3	2	5	72	34	3	109	9	8	8	25	11	9	—	20	1	—	3	—	4	0.56	0.11	0.68	
	16	5	5	26	—	—	—	—	44	13	8	65	4	5	3	12	5	1	—	6	1	—	2	—	2	0.41	0.13	0.55	
	3	—	—	3	1	—	—	1	14	6	3	23	2	1	2	5	4	1	—	5	1	—	1	—	1	0.51	0.10	0.61	
	7	3	1	11	1	—	1	2	27	4	4	35	8	8	6	22	3	2	—	5	—	—	1	—	1	0.43	0.08	0.52	
	7	8	1	16	—	—	2	2	42	21	3	66	4	5	9	18	3	2	—	5	1	—	—	—	1	0.27	0.05	0.32	
	61	35	10	106	2	3	5	10	199	78	21	298	27	27	28	82	26	15	—	41	4	—	9	—	9	0.46	0.10	0.56	
7. SOUTHERN.	4	3	1	8	—	—	2	2	11	10	2	23	1	3	6	10	2	1	—	3	1	—	1	—	1	0.21	0.07	0.29	
	5	2	1	8	—	—	4	4	19	9	1	29	3	3	4	10	—	—	—	—	—	—	—	—	—	—	—	0.07	0.07
	2	—	—	2	2	1	—	3	11	5	—	16	4	4	4	12	3	2	—	5	—	—	—	—	—	—	0.63	—	0.63
	4	4	—	8	—	—	2	2	17	13	—	30	4	3	7	14	2	1	—	3	—	—	2	—	2	0.17	0.11	0.29	
	15	9	2	26	2	1	8	11	58	37	3	98	12	13	21	46	7	4	—	11	1	—	4	—	4	0.21	0.07	0.29	
COUNTY TOTALS	241	164	34	439	17	13	68	98	860	529	126	1515	149	162	221	532	106	73	—	179	21	—	36	—	36	0.38	0.07	0.46	

England and Wales—The Death-Rate for Respiratory Tuberculosis = 0.46
 The Death-Rate for Non-Respiratory Tuberculosis = 0.07 } Total Death Rate = 0.54

New cases of Pulmonary and Non-Pulmonary Tuberculosis, and deaths recorded, in the years 1938 to 1947 :—

<i>Pulmonary</i>		<i>Primary Notifications.</i>	<i>Rate per</i>	<i>Deaths.</i>	<i>Death rate</i>
			<i>1,000</i>		<i>per 1,000</i>
			<i>population.</i>		<i>population.</i>
1938	...	308	0.77	188	0.47
1939	...	307	0.75	180	0.43
1940	...	295	0.69	213	0.50
1941	...	422	0.91	202	0.43
1942	...	331	0.72	187	0.41
1943	...	350	0.78	184	0.41
1944	...	438	0.98	188	0.42
1945	...	452	1.03	175	0.40
1946	...	434	0.96	192	0.42
1947	...	439	0.95	179	0.38

<i>Other forms.</i>		<i>Primary Notifications.</i>	<i>Rate per</i>	<i>Deaths.</i>	<i>Death rate</i>
			<i>1,000</i>		<i>per 1,000</i>
			<i>population.</i>		<i>population.</i>
1938	...	146	0.36	44	0.11
1939	...	112	0.27	46	0.11
1940	..	77	0.18	55	0.12
1941	...	115	0.24	45	0.09
1942	...	102	0.22	34	0.07
1943	...	104	0.23	41	0.09
1944	...	95	0.21	47	0.10
1945	...	93	0.21	40	0.09
1946	...	105	0.23	39	0.08
1947	...	98	0.21	36	0.07

Deaths.

The age and sex distribution of the deaths in 1947 were :—

<i>Age periods.</i>	<i>Pulmonary.</i>		<i>Other forms.</i>	
	<i>M.</i>	<i>F.</i>	<i>M.</i>	<i>F.</i>
0—1	...	1	2	1
1—5	...	—	5	2
5—15	...	3	3	3
15—45	...	55	4	7
45—65	...	10	7	2
65 and over	...	4	—	—
	106	73	21	15
	179		36	

Dispensaries.

Attendances at the Dispensaries of the Warwickshire and Coventry Joint Committee for Tuberculosis, in the years 1945 to 1947, inclusive :—

	1945.	1946.	1947.
Atherstone	237	217	228
Coventry :—			
(Warwickshire patients)	1,620	1,818	1,753
(Coventry Patients)	6,360	6,051	9,188
	7,980	7,869	10,941
Leamington Spa	950	982	1,007
Nuneaton	674	866	885
Rugby	351	424	411
Solihull	433	536	508
Stratford-on-Avon	313	302	290
Sutton Coldfield	44	69	56
(Held in School Clinic premises for School Children only).			
	10,982	11,265	14,326

X-Ray Examinations at the Chief Dispensary in 1947 totalled 11,919, compared with 9,688 in 1946.

Return relating to the work of the Dispensaries during 1947.

Diagnosis.	Pulmonary.		Non-Pulmonary.		Total.	
	Adults.	Children.	Adults.	Children.	Adults.	Children.
A. (1) Number of definite cases of tuberculosis on Dispensary Register at beginning of year ...	2,260	188	283	209	2,543	397
(2) Transfers from other Authorities	66	3	4	2	70	5
(3) "Lost sight of" cases returned	23	1	1	—	24	1
B. Number of new cases of tuberculosis :—						
(1) Class T.B. minus ...	347	52	—	—	347	52
(2) Class T.B. plus ...	276	3	—	—	276	3
(3) Non-Pulmonary ...	—	—	47	57	47	57
C. Number of cases in A. and B. written off as :—						
(1) Recovered ...	91	7	39	22	130	29
(2) Dead (all causes) ...	299	5	7	2	306	7
(3) Removed to other areas ...	98	1	11	6	109	7
(4) For other reasons ...	147	10	28	15	175	25
D. Number of definite cases of Tuberculosis on Dispensary Register at end of year ...	2,349	216	257	212	2,606	428

The Work of the Sanatorium.

Dr. CORYDON BUDGE, Medical Superintendent of the Warwickshire King Edward VII. Memorial Sanatorium, gives the following information :—

Staff.—In consequence of the continued lack of nursing staff, 68 beds remained closed at the end of the year. 20 ex-patients were employed as Dispensers, Porters, Orderlies, etc.

Patients' Accommodation.—The normal complement of beds available in Sanatorium was :—

Males ... 104 Females 101 Children 34 Total ... 239

The allocation of beds on December, 31st, 1947, was :—

Males ... 82 Females 55 Children 34 Total ... 171

Treatment.—Details of patients treated, and examinations made in 1945, 1946 and 1947, are :—

<i>Laboratory.</i>	1945.	1946.	1947.
Sputum examinations ...	1,346	970	944
Pathological examinations ...	10	7	—

X-Ray work.

Screen examinations ...	10,766	8,545	9,041
Radiograms ...	1,908	749	825

In-patient Treatment.

Patients treated by artificial pneumothorax ...	213	178	147
" " artificial sunlight ...	5	11	—
" " pneumo-peritoneum ...	2	10	15
" " Sanocrysin ...	14	14	1
" " Calcium sandoz ...	26	12	7
Patients had phrenic evulsions ...	17	32	16
" had Thoracoscopy performed ...	—	52	64
" had refills ...	2,431	1,779	1,348
" transferred to other institutions ...	3	6	4

Artificial Sunlight Treatment.

Lupus	...	...	...	...	...	2	2	—
Abdominal Tuberculosis	...	...	...	...	...	1	2	—
Chilblains	...	...	...	...	...	1	6	—
Glands of Neck	...	...	...	...	...	—	1	—
Total attendances	...	...	...	...	...	—	122	—

Dental Treatment.

Treatment of Dental Caries	...	...	...	...	...	102	65	84
Fitted with new dentures	...	...	...	...	...	4	4	4
Repairs to Dentures	...	...	...	...	...	1	4	3
Total attendances	...	...	...	...	...	—	107	196

Out-patient Treatment.

Artificial Pneumothorax	...	...	...	...	...	207	172	190
Periodical examinations	...	...	...	...	...	96	150	137
Treatment for Lupus with Calciferol	...	...	...	...	...	—	3	2
For wash-out and dressing to sinus	...	...	...	...	...	1	1	—
Total attendances	...	...	...	...	...	5,528	6,645	6,235

Maintenance Allowances (Ministry of Health Memorandum 266/T).

The following statement by the County Treasurer, gives details of applications received, and action taken, in the period from February 8th, 1947, to January 24th, 1948, and also the cumulative totals from the commencement of the Scheme:—

	<i>Year from Feb. 8th, 1947, to Jan. 24th, 1948.</i>		<i>Cumulative total.</i>
	1948.		
Total number of applications received	...	60	376
Number of cases previously in receipt of Institutional Treatment, now eligible for allowances	...	—	—
Number of cases brought forward from the previous quarter	...	4	—
Number of cases eligible to receive maintenance allowances	...	57	290
Number of cases ineligible as they do not come within the scope of Memo. 266/T	...	2	80
Number of cases in which applicant is a single person in receipt of institutional treatment	...	—	4
Number of cases in hand	...	4	4
Number of cases recommenced work after period of treatment	...	31	140
Number of cases in which allowances have terminated on the certificate of the Tuberculosis Officer	...	18	46
Number of cases in which allowances have terminated owing to death	...	4	13
Number of cases in which the allowances have terminated for other reasons	...	14	43
Discretionary allowances—allowances in respect of:—			
Rent, rates, etc.	...	7	39
Hire Purchase instalments	...	8	17
Life assurance premiums	...	16	67
Education of children	...	—	2
Special Payments:—			
Domestic Help	...	—	3
Pocket money	...	2	10

The present weekly cost of the maintenance allowances amounts to £90 12s. 3d., and the total paid since the commencement of the scheme on the 1st July, 1943, is £20,426 15s. 2d.

VENEREAL DISEASES.

Year.	New cases treated.				Cases transferred from other Centres.				Patients discharged cured.				Patients who ceased to attend for treatment.				Patients transferred to other Centres			
	Syphilis		Gonorrhoea		Syphilis		Gonorrhoea		Syphilis		Gonorrhoea		Syphilis		Gonorrhoea		Syphilis		Gonorrhoea	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
1937	35	20	167	68	9	8	27	7	12	22	77	26	18	18	60	20	12	10	31	8
1938	29	24	133	39	11	6	29	4	13	11	83	36	15	12	64	31	17	8	34	9
1939	30	39	117	36	10	8	34	2	14	9	79	37	11	11	36	20	19	6	35	6
1940	29	37	86	53	18	7	34	2	5	11	44	28	25	10	46	10	19	14	40	8
1941	45	27	229	79	25	3	59	2	11	17	70	23	27	17	83	31	28	14	59	10
1942	79	53	167	102	52	21	43	20	5	3	87	57	18	32	71	48	49	19	67	38
1943	74	59	128	94	53	15	25	17	9	10	80	56	11	19	23	14	71	27	54	64
1944	71	70	123	105	47	20	17	6	6	8	58	58	21	11	23	14	56	31	52	39
1945	70	73	160	73	39	12	30	8	9	11	70	37	27	27	25	15	58	23	58	42
1946	152	82	261	74	97	23	83	8	37	35	167	68	12	28	27	19	61	29	59	13
1947	90	70	141	54	81	19	31	3	57	36	138	51	37	32	21	9	50	41	41	12

ATTENDANCES AT V.D. CLINICS, 1947.

	Warneford Hospital.		Coventry & War'kshire Hospital.		General Hospital, Birm'ham.		Hosp. of St. Cross, Rugby.		Nuneaton V.D. Clinic.		Totals.
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
1 Persons dealt with at Out-patient Clinic for first time suffering from Syphilis	18	18	19	16	7	15	17	7	29	14	160
Gonorrhoea	36	11	28	7	24	6	11	4	42	26	195
Not suffering from Venereal Disease	51	22	43	27	101	59	31	11	67	19	431
2 Persons discharged from Clinic after completing treatment for—											
Syphilis	11	23	3	0	20	1	9	1	14	11	93
Gonorrhoea	34	12	19	3	26	3	12	2	47	31	189
3 Persons who ceased to attend without completing treatment ...	31	11	15	16	—	—	9	2	8	7	99
4 Persons in an infective condition at time of default	1	0	2	1	—	—	3	1	—	—	8
5 (a) Total attendances of all persons at Clinics	721	720	1040	709	2278	1073	647	295	2082	1387	10952
(previous year)	1441	(2365)	1749	(2339)	3351	(3698)	942	(1354)	3469	(4203)	13959
(b) No. of persons in attendance at Clinics	399	279	234	190	—	—	173	79	368	260	1982
(c) Average attendance at each Clinic session	14	7	10.4	7	—	—	12.4	5.6	32	26.6	19
6 No. of in-patient days of treatment to persons suffering from—											
Syphilis	—	—	—	—	139	196	54	75	—	—	464
Gonorrhoea	—	—	—	—	0	15	42	41	—	—	98
Non-Venereal Disease ...	—	—	—	—	56	64	—	—	—	—	120
7 No. of new cases of Venereal Disease	54	29	47	23	31	21	28	11	71	40	355
(previous year)	83	(104)	70	(111)	52	(137)	39	(79)	111	(138)	569

STATEMENT OF NEW CASES DEALT WITH, AND TOTAL NUMBER OF PATIENTS AND ATTENDANCES RECORDED IN THE YEARS 1937-1947.

Disease.	1937	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Syphilis	55	53	63	66	72	132	133	141	143	234	160
Soft Chancre	1	—	—	1	2	—	—	—	—	—	—
Gonorrhoea	235	172	157	139	308	269	222	228	233	335	195
Non-Venereal	136	138	173	121	144	242	497	557	560	579	431
TOTAL	427	363	393	327	526	643	852	926	936	1148	786
Total Attendances ...	14326	12530	8019	6632	7562	11558	13170	11769	13204	13959	10952
Total number of persons in attendance at Centres	1431	1202	1149	900	1322	1659	2072	2115	2359	2524	1982

Regulation 33B.

Contacts notified to the Medical Officer of Health during the period 1st January, 1947, to 31st December, 1947 :—

	M.	F.
(1) (a) <i>Total</i> number of contacts in respect of whom Form 1 was received	—	3
(b) Number in (a) transferred from other areas	—	1
(2) Number of cases in (1) in which attempts were made during the current period outside the scope of the Regulation to persuade the contact to be examined before the latter had been named on a second Form 1 :—		
Contacts found	—	2
Contacts examined or already under treatment	—	2
(3) (a) Number of those in (1) in respect of whom two or more Forms 1 were received		Nil.
(b) Number included in 3 (a) in respect of whom the first Form 1 was previously reported under (1)		Nil.
(c) Number included in (3) (a) transferred from other areas		Nil.
(4) Number of those in (3) (a) who were :—		
(a) found		Nil.
(b) examined after persuasion or already under treatment		Nil.
(c) served with Form 2		Nil.
(d) examined after service of Form 2.		Nil.
(e) Prosecuted for failure :—		
(i) to attend for, and submit to, medical examination... ..		Nil.
(ii) to submit to and continue treatment		Nil.
(f) transferred to other areas		Nil.

Laboratory.

The University of Birmingham have continued to carry out Public Health Laboratory work for the County. In addition some public health work has been carried out at the Central Pathological Laboratory.

The following is a summary of the work of the Central Pathological Laboratory in 1947 :—

<i>Hospitals and Bodies Served.</i>	<i>Ordinary Units.</i>	<i>E.M.S. Units.</i>	<i>Total Units.</i>
Alcester Emergency Hospital	12	—	12
Rugby Emergency Hospital	4173	—	4173
Nuneaton Emergency Hospital	11577	265	11842
Solihull Hospital	7668	663	8331
Stratford-on-Avon Emergency Hospital	3646	752	4398
Warwick Hospital	24416	1638	26054
Shipston-on-Stour P.A. Institution	21	—	21
Central Hospital	14811	—	14811
Memorial Sanatorium	207	—	207
Nuneaton General Hospital	7276	—	7276
Rugby St. Cross Hospital	340	—	340
Shipston-on-Stour, Ellen Badger Hospital	179	15	194
Warneford Hospital	17842	6	17848
Stratford-on-Avon General Hospital	1189	20	1209
Royal Midland Counties Home	79	—	79
Stratford-on-Avon Joint Isolation	6	—	6
Private Practitioners	3297	—	3297
Armed Forces	—	1199	1199
County Health Department	2852	177	3029
Knowle Hill School, Kenilworth	30	—	30
Coroners' Cases	5893	32	5925
	105,514	4,767	110,281

County Ambulance Service.

At the commencement of the year a comprehensive report was prepared upon the ambulance service, setting out the existing provisions and suggestions for the future of the service.

An authorised establishment of both vehicles and personnel was adopted and authority was received for orders to be placed, to the value of £41,000 for new vehicles to replace those whose serviceable life had finished.

It was also decided that personnel should be provided with a uniform and by the end of the year an initial issue had been made to each driver/attendant.

The Council's proposals under Section 27 of the National Health Service Act, 1946 were based on the review of the service just mentioned and as from the "Appointed Day" the following will be the operational strength.

<i>Ambulances.</i>	<i>Sitting Case Cars.</i>	<i>Service Vans, etc.</i>	<i>Personnel.</i>
41	20	8	200

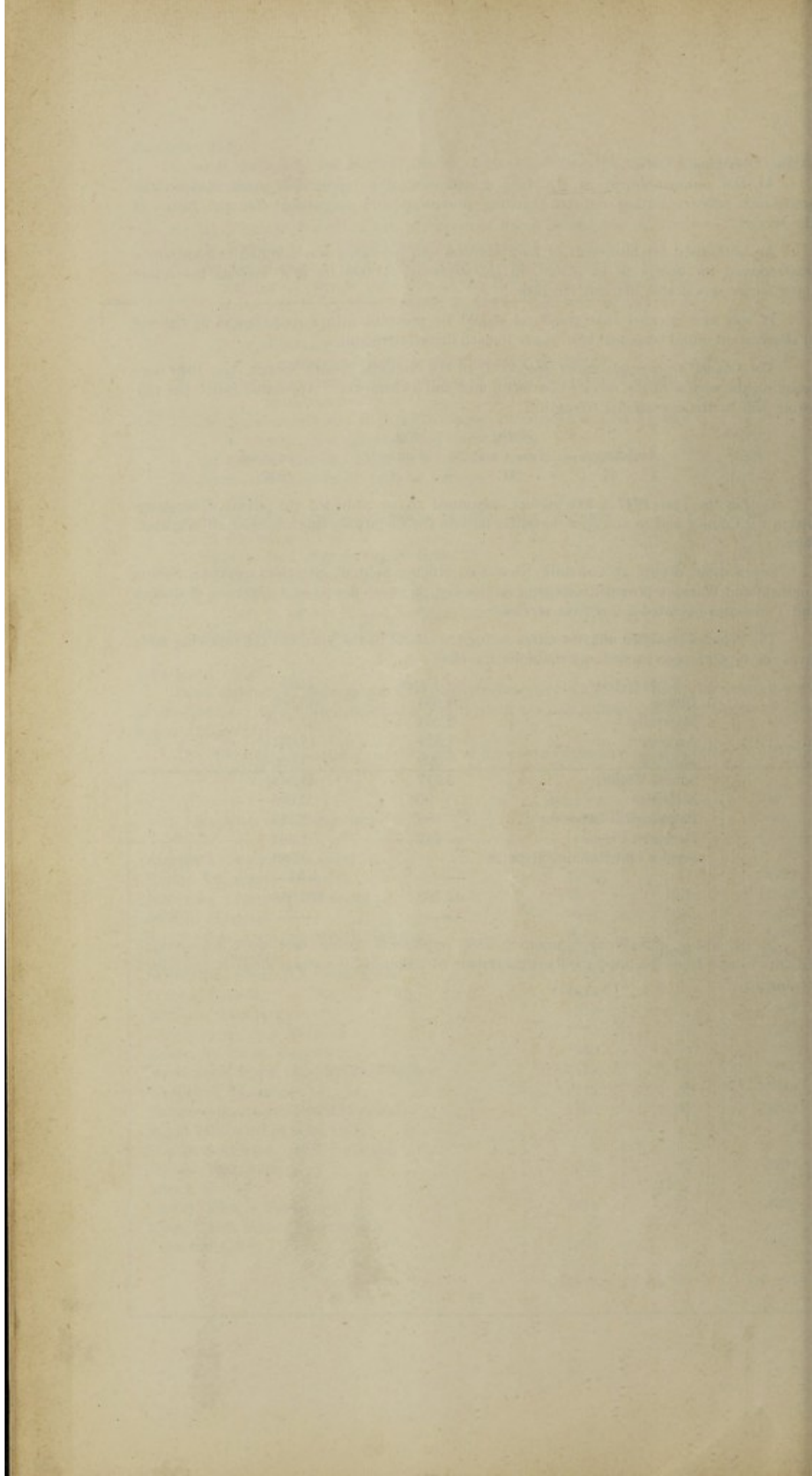
During the year 1947 a free service continued to be provided for journeys necessary within the County and to and from hospitals outside the County serving the needs of Warwickshire.

Seven main depots at Coleshill, Nuneaton, Rugby, Solihull, Stratford-on-Avon, Sutton Coldfield and Warwick provided a 24 hour service and three sub-depots at Atherstone, Bedworth and Two Gates operated a day-time service.

The vehicles travelled 462,354 miles during the course of the year and the following table gives the type of cases carried and the miles travelled:—

<i>Type of Case.</i>	<i>No. of Cases.</i>	<i>Miles.</i>
Illness	34,654	345,860
Maternity	2,264	33,474½
Accident	1,829	15,642½
Military	329	5,036
School Children	3,317	45,348½
Nurseries	90	2,696
Pathological Laboratory ...	158	3,515
Deceased Persons	142	1,393
Service and Running Repairs	—	9,389
	<hr/>	<hr/>
	42,783	462,354

Of the above mileage approximately 75% represents sitting case work transporting patients to and from the out-patients departments of hospitals for various kinds of specialised treatments.



ANALYSIS OF AMBULANCE AND SITTING CAR JOURNEYS.

	Atherstone.		Bedworth.		Coleshill.		Kenilworth.		Nuneaton.		Rugby.		Solihull.		Stratford-on-Avon.		Sutton Coldfield.		Warwick.		Willesdun.		Total.		
	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	Cases.	Miles.	
LISSES.																									
Stretcher ...	451	5,705	171	1,507	483	7,665	81	1,114	1,917	18,807	1,498	12,049	1,398	16,151	464	10,714	884	8,954	1,487	17,852	174	3,614	9,008	104,132	
Sitting ...	2,357	25,348	2,290	16,190	1,044	17,296	165	2,050	4,029	30,245	7,698	40,486	2,256	21,184	391	10,113	1,236	17,546	3,861	48,390	429	12,879	25,646	241,727	
MATERNITY.																									
Stretcher ...	12	333	14	290	71	1,584	—	—	146	2,034	80	880	359	4,376	76	1,707	38	817	191	2,479	22	812	1,009	15,312	
Sitting ...	30	1,082	26	491	95	1,505	4	56	138	1,269	188	2,718	98	1,316	465	5,872	67	1,127	111	1,860	23	866	1,255	18,162	
Accident.																									
Stretcher ...	11	207	23	289	109	2,249	—	—	256	1,734	320	1,639	267	2,371	89	676	92	508	167	1,340	55	839	1,388	11,853	
Sitting ...	27	237	27	352	38	732	1	14	97	666	99	425	99	800	1	2	24	232	13	59	14	270	440	3,789	
Military.																									
Stretcher ...	2	24	3	42	—	—	—	—	10	398	1	3	—	—	6	247	—	—	42	1,470	1	9	65	2,193	
Sitting ...	—	—	6	81	—	—	—	—	16	113	67	620	1	28	139	1,015	—	—	33	946	2	40	264	2,843	
School Children.																									
Stretcher ...	16	402	7	123	19	326	—	—	88	1,318	30	352	20	231	3	65	13	152	9	196	7	156	212	3,321	
Sitting ...	193	3,431	333	3,549	243	4,183	—	—	1,027	9,688	383	5,398	348	4,017	66	1,835	127	2,794	332	5,556	53	1,576	3,105	42,027	
Nurseries.																									
Stretcher ...	—	—	—	—	—	—	—	—	—	—	—	—	1	39	—	—	—	—	—	—	—	—	1	39	
Sitting ...	10	182	1	30	6	244	—	—	—	—	25	692	14	534	—	—	—	—	14	398	19	577	89	2,657	
Path Lab.																									
Sitting Case Car	13	305	17	404	12	107	—	—	47	828	13	656	—	20	46	1,046	—	—	10	112	—	37	158	3,515	
Service & Run-																									
ning Repair.																									
Ambulance ...	—	164	—	93	—	450	—	—	—	442	—	238	—	1,200	—	397	—	—	—	1,062	—	89	—	4,135	
Sitting Case Car	—	945	—	308	—	471	—	—	—	529	—	359	—	682	—	339	—	65	—	1,275	—	281	—	5,254	
Deceased Persons																									
Stretcher ...	3	41	1	13	5	85	—	—	11	96	1	11	37	358	10	150	29	160	44	476	1	3	142	1,393	
TOTALS:																									
Stretcher ...	495	6,876	219	2,357	687	12,359	81	1,114	2,428	24,829	1,930	15,172	2,082	24,726	648	13,956	1,056	10,592	1,940	24,875	269	5,522	11,826	142,378	
Sitting Cases	2,610	31,530	2,700	21,405	1,438	24,538	170	2,120	5,354	43,338	8,393	51,354	2,816	28,581	1,108	20,222	1,454	21,765	4,374	58,596	540	16,528	30,957	319,975	
TOTAL: All Cases	3,105	38,406	2,919	23,762	2,125	36,897	251	3,234	7,782	68,167	10,323	66,526	4,898	53,307	1,756	34,178	2,510	32,358	6,314	83,471	800	22,048	42,783	462,354	

STATE OF CALIFORNIA

Year	Population	Area	Population per Square Mile	Population per Square Mile	Population per Square Mile	Population per Square Mile	Population per Square Mile
1850	94,463	37,767	2.50	2.50	2.50	2.50	2.50
1860	319,086	37,767	8.45	8.45	8.45	8.45	8.45
1870	580,735	37,767	15.38	15.38	15.38	15.38	15.38
1880	1,212,672	37,767	32.11	32.11	32.11	32.11	32.11
1890	2,364,781	37,767	62.64	62.64	62.64	62.64	62.64
1900	3,426,400	37,767	90.73	90.73	90.73	90.73	90.73
1910	5,706,982	37,767	151.14	151.14	151.14	151.14	151.14
1920	7,567,102	37,767	200.37	200.37	200.37	200.37	200.37
1930	10,571,000	37,767	279.91	279.91	279.91	279.91	279.91
1940	13,267,000	37,767	351.33	351.33	351.33	351.33	351.33
1950	15,717,000	37,767	416.43	416.43	416.43	416.43	416.43
1960	19,959,000	37,767	528.50	528.50	528.50	528.50	528.50
1970	23,671,000	37,767	627.03	627.03	627.03	627.03	627.03
1980	27,962,000	37,767	740.45	740.45	740.45	740.45	740.45
1990	31,506,000	37,767	834.28	834.28	834.28	834.28	834.28
2000	35,688,000	37,767	945.00	945.00	945.00	945.00	945.00
2010	37,727,000	37,767	998.88	998.88	998.88	998.88	998.88
2020	39,700,000	37,767	1,051.20	1,051.20	1,051.20	1,051.20	1,051.20

Institutional Provision for the Care of Mental Defectives.

The certified mental defectives in the County on the 31st December, 1947, were:—

	Males.	Females.	Total.
1. In Institutions (excluding cases on licence)—			
Under 16 years	56	21	77
16 years and over	232	259	491
2. On licence from Institutions—			
Under 16 years	2	—	2
16 years and over	22	30	52
3. Under guardianship (including cases on licence)—			
Under 16 years	9	7	16
16 years and over	22	31	53
	343	348	691

In addition, 469 persons have been placed under supervision in their own homes, and 14 cases are still under investigation.

The accommodation provided at Weston Colony remains the same as in 1946 (213 beds), the number of patients at the end of the year 1947 being 205—(63 males and 142 females).

The Warwick Public Assistance Institution continued in use for mental defectives, and there were 21 female patients in the Institution on 31st December, 1947.

INSPECTION AND SUPERVISION OF FOOD.

Milk (Special Designations) Regulations, 1936-1946.

The following are particulars of licences granted and milk samples taken during the year:

New Licences:

To use the designation "Tuberculin Tested"	41
To use the designation "Accredited"	26
Of the "Tuberculin Tested" licences issued—upgradings from "Accredited" to "Tuberculin Tested" totalled	13

Licences in operation at the end of 1947:—

"Tuberculin Tested" in relation to production, bottling and sale by retail	11
"Tuberculin Tested" in relation to production	168
"Accredited" in relation to production, bottling and sale by retail	16
"Accredited" in relation to production	401

Milk Samples:—

<i>Samples taken.</i>	<i>Satisfactory.</i>	<i>Unsatisfactory.</i>
"Tuberculin Tested"	696	145
"Accredited"	1897	567
Advisory Samples	110	18
School Milks	22	2
	2,725	732

The percentage of all samples failing to comply with the prescribed tests was 26.49%. Comparative figures for previous years:—

1946	22.93%
1945	18.21%
1944	23.12%
1943	23.04%
1942	27.52%

During the year the following action was taken with regard to unsatisfactory production :—

Producers formally warned	...	10
Licences suspended	... ..	4
Licences revoked	... ..	20

Many producers responded to advice and informal warnings given as a result of samples proving unsatisfactory to test.

Tuberculous Milk.

Food and Drugs Act, 1938.

The campaign against tubercle-infected milk has continued and during 1947, 33 samples were submitted for biological examination.

In addition, 33 cases of tuberculous milk were received from various sources, and were referred to the Divisional Veterinary Officer of the Ministry of Agriculture and Fisheries, with the following results :—

Herds under observation at end of 1946	... ..	6
Infected herds during 1947	... ..	33
		—
		39
Herds subsequently reported free from tubercle infection during 1947	... ..	36
		—
Herds still under observation at the end of 1947	... ..	3
		—
Cows found tuberculous and slaughtered under Tuberculosis Order		22
		—

(Note: This figure of cows slaughtered refers to cases found by milk sampling only, and does not include any dealt with by the Veterinary Inspector on routine and other inspections).

CONTENTS.

	PAGES.
Introductory Letter	1—3
Staff	4, 5
Size of Districts and General Statistics	6
Statistics Grouped in Urban and Rural Districts	7
Deaths from Common Causes, 1938-1947	7
Statistical Review, 1921-1947	8
Birth and Birth Rates and Infant Deaths	8
Illegitimate Rates	8
Still Births	8
Analysis of Still Births and Maternal Deaths, 1944-1947.	9
Detailed Analysis of Infant Deaths	10
Premature Births	11, 12
Child Welfare Centres	12, 13
County and District Nursing	14
Home Visiting by Health Visitors	14
Child Life Protection	14
Midwives	14, 15
Domiciliary Midwifery	14, 15
Medical Help for Midwives	15
Institutional Midwifery	15
Ante-Natal Schemes	15, 16
Ante-Natal Hostels	15
Ante-Natal Clinics	16
Care of the Unmarried Mother and her Child	16
Maternity and Nursing Homes	17
Nurseries	18
Diphtheria Immunisation	18
Infectious Disease Statistical Table	19
Vaccination	20, 21
Ophthalmia Neonatorum	21
Basic Statistical Tables of Tuberculosis	22—24
The Work of the Sanatorium	24, 25
Tuberculosis Maintenance Allowances	25
Venereal Disease	26, 27
Regulation 33B.	28
Laboratory Facilities	28
County Ambulance Service	29, 30
Inspection and Supervision of Food	31, 32
Milk (Special Designations) Regulations (1936-1946)	31
Tuberculous Milk	32
Institutional Provision for Care of Mental Defectives	31

CONTENTS

Introduction 1

Part I. The Development of the World 15

Part II. The Development of the United States 35

Part III. The Development of the British Empire 55

Part IV. The Development of the French Empire 75

Part V. The Development of the Russian Empire 95

Part VI. The Development of the Japanese Empire 115

Part VII. The Development of the German Empire 135

Part VIII. The Development of the Italian Empire 155

Part IX. The Development of the Spanish Empire 175

Part X. The Development of the Portuguese Empire 195

Part XI. The Development of the Dutch Empire 215

Part XII. The Development of the Swedish Empire 235

Part XIII. The Development of the Prussian Empire 255

Part XIV. The Development of the Austrian Empire 275

Part XV. The Development of the Ottoman Empire 295

Part XVI. The Development of the Mughal Empire 315

Part XVII. The Development of the Maratha Empire 335

Part XVIII. The Development of the Sikh Empire 355

Part XIX. The Development of the British Empire 375

Part XX. The Development of the French Empire 395

Part XXI. The Development of the Russian Empire 415

Part XXII. The Development of the Japanese Empire 435

Part XXIII. The Development of the German Empire 455

Part XXIV. The Development of the Italian Empire 475

Part XXV. The Development of the Spanish Empire 495

Part XXVI. The Development of the Portuguese Empire 515

Part XXVII. The Development of the Dutch Empire 535

Part XXVIII. The Development of the Swedish Empire 555

Part XXIX. The Development of the Prussian Empire 575

Part XXX. The Development of the Austrian Empire 595

Part XXXI. The Development of the Ottoman Empire 615

Part XXXII. The Development of the Mughal Empire 635

Part XXXIII. The Development of the Maratha Empire 655

Part XXXIV. The Development of the Sikh Empire 675

Part XXXV. The Development of the British Empire 695

Part XXXVI. The Development of the French Empire 715

Part XXXVII. The Development of the Russian Empire 735

Part XXXVIII. The Development of the Japanese Empire 755

Part XXXIX. The Development of the German Empire 775

Part XL. The Development of the Italian Empire 795

Part XLI. The Development of the Spanish Empire 815

Part XLII. The Development of the Portuguese Empire 835

Part XLIII. The Development of the Dutch Empire 855

Part XLIV. The Development of the Swedish Empire 875

Part XLV. The Development of the Prussian Empire 895

Part XLVI. The Development of the Austrian Empire 915

Part XLVII. The Development of the Ottoman Empire 935

Part XLVIII. The Development of the Mughal Empire 955

Part XLIX. The Development of the Maratha Empire 975

Part L. The Development of the Sikh Empire 995