

GOVERNMENT OF NORTHERN IRELAND

THE REGISTRAR-GENERAL'S  
ANNUAL REPORT  
FOR 1948

CONTAINING GENERAL ABSTRACTS OF BIRTHS,  
DEATHS AND MARRIAGES REGISTERED IN  
NORTHERN IRELAND DURING THE YEAR

*Presented to Parliament pursuant to Statute*

BELFAST  
HIS MAJESTY'S STATIONERY OFFICE

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GENERAL REGISTER OFFICE,  
FERMANAGH HOUSE,  
ORMEAU AVENUE,  
BELFAST.  
4th January, 1950.

*To Major the Right Honourable J. Maynard Sinclair,  
Minister of Finance for Northern Ireland.*

SIR,

I have the honour to submit the Twenty-seventh Annual Report on the Births, Deaths, and Marriages registered in Northern Ireland, together with Abstracts of the particulars of such registrations. The Report relates to the year ended 31st December, 1948. The Abstracts have been prepared for presentation to Parliament, pursuant to the provisions of statutes governing the registration system. The Report draws attention to the salient features of the vital statistics contained in the Abstracts, and figures relating to previous years are included for purposes of comparison. Information is also given relating to vaccination, notifications of infectious diseases, and weather conditions, but migration statistics are not at present available.

I beg to acknowledge the valuable assistance rendered by Dr. J. Boyd, Chief Medical Officer of the Ministry of Health and Local Government, who advises this office in regard to medical matters. I also desire to record my appreciation of the courtesy shown by the Registrars-General of England and Wales, Scotland and Eire, in furnishing information relating to the areas under their respective administrations.

I have the honour to be, Sir,

Your most obedient Servant,

W. A. CARSON,

*Registrar-General of Births, Deaths, and  
Marriages for Northern Ireland.*

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# Twenty-Seventh Annual Report of the Registrar-General for Northern Ireland

## REPORT

### ADMINISTRATION

**1. Introductory.**—The administrative functions of the office of the Registrar-General comprise the registration of births, deaths, marriages, vaccinations, and adoptions, and the provision or supervision of machinery for dealing with preliminaries to marriages other than those according to the rites of the Roman Catholic Church.

**2. Buildings licensed or registered for Marriages.**—The numbers of places of worship (other than those belonging to the Roman Catholic Church) in which marriages could be solemnised, as at 31st December in each of the years 1946, 1947 and 1948 were as follows :—

DENOMINATION	1946	1947	1948
Church of Ireland .. ..	387	390	390
Presbyterian .. ..	501	502	502
Methodist .. ..	149	150	150
Others .. ..	203	206	209
TOTAL .. ..	1,240	1,248	1,251

**3. State of Registration.**—The measures adopted in recent years for the particulars of births notified under the Notification of Births Act, 1907, to be furnished to Registrars in the two County Boroughs and in the other urban areas in which the Act operates have continued to be of value in securing the registration of a number of births which had not been registered within the prescribed period of 6 weeks. In connection with the registration of deaths, returns of burials made to Registrars by Clerks of Burial Boards and Cemetery Companies have been of considerable assistance.

Births and deaths not registered within a year of their occurrence can be recorded only with the authority of the Registrar-General. During 1948 such authority was granted for the registration of 159 births, as compared with 279 in 1947, and 248 in 1946. The registration of 12 deaths was authorised as compared with 8 deaths in each of years 1946 and 1947.

**4. Legitimacy Act (N.I.), 1928.**—Under this Act an illegitimate child whose parents have married is, subject to certain conditions, legitimated, and the Registrar-General is empowered to authorise the re-registration of the birth. During 1948 the re-registration of the births of 166 children was authorised under the Act, the figures for 1947 and 1946 being 174 and 184 respectively.

**5. Adoption of Children Act (N.I.), 1929.**—A register of children adopted under the provisions of this Act is kept in the General Register Office, to which the Adoption Orders made by the Courts are communicated. A certified copy of an entry in this register is evidence of adoption, and is also evidence of the date of birth, if that date is recorded in the entry. The children whose adoptions were recorded in the Adopted Children Register during 1948 numbered 406, the figures for 1947 and 1946 being 341 and 450 respectively.

**6. Searches and Certificates.**—The original records of births, deaths, and marriages registered in Northern Ireland are, in general, in the custody of local registration officers, who issue annually therefrom many thousands of certificates. An indication of the extent to which Government Departments and the public have utilised the facilities for searching in the indexes and obtaining certificates from records in the General Register Office for Northern Ireland (including the Adopted Children Register) is afforded by the following table :—

YEAR	Official		Paid		
	Searches	Certificates	Searches	Certificates	Fees Received
1927 .. ..	56	29	109	112	£ s. d. 19 9 0
1937 .. ..	94	88	363	290	55 2 0
1944 .. ..	184	190	1,177	1,149	202 9 6
1945 .. ..	185	185	1,543	1,489	263 5 6
1946 .. ..	186	187	1,714	1,639	290 11 6
1947 .. ..	206	206	1,822	1,772	312 12 0
1948 .. ..	160	158	1,745	1,654	326 14 6

#### SUMMARY OF REGISTRATION.

**7. Introductory.**—The figures contained in this Report may be regarded as final, and as superseding the provisional figures already published for the year 1948 in the Registrar-General's weekly and quarterly returns. It should be noted that statistics of deaths for years 1941-1948 relate to civilians only.

The value of the statistical information concerning deaths contained in the Registrar-General's Annual Reports and other publications is to a large extent dependent on the degree of care and accuracy with which the members of the medical profession enter the required particulars on the form of medical certificate of the cause of death. The particulars so given are incorporated in the death entries, and thus in every case in which a person had been attended in his or her last illness by a medical practitioner, the medical certificate given by the latter forms the basis upon which the cause of death is classified.

Comparisons with rates (births, deaths, etc.) recorded in other parts of the British Isles are included in several tables and diagrams. These comparisons are substantially correct but, owing to changes in the mode of computing population figures in certain countries in certain years, complete accuracy has not been achieved and the question is receiving further consideration.

For the purpose of the Registrar-General's Annual Reports the classifications adopted are the Intermediate and Short Lists shown in the

“Manual of the International List of Causes of Death, as adapted for use in England and Wales, Scotland, and Northern Ireland,” published by H.M. Stationery Office.

Abstract IX shows the deaths classified under the headings of the Intermediate List (slightly amplified in the case of tuberculosis and modified in the case of violent deaths), while the causes shown in Abstracts VIII and XIII and certain of the tables in the text, are in accordance with the Short List. The Detailed List numbers have also been given in Abstracts VIII and IX for purpose of reference.

In general in the tables and abstracts, dots (.) are used to indicate “none,” and dashes (—) are used to indicate that information cannot be given or that the headings are not applicable.

Throughout the Report, births and deaths have been allocated to the district of normal residence, births having been assigned to the districts containing the normal residence of the parents, and deaths to the districts containing the normal residence of the deceased persons.

**8. Marriages, Births, and Deaths Registered.**—The results of the year's registration, as compared with the figures for 1947, show decreases of 0.18, 1.4 and 1.4 respectively in the marriage, birth and death rates, and a decrease of 7 in the infant mortality rate (see Table B on page 9). The death and infant mortality rates thus become the lowest on record. This statement is also true of the cities of Belfast and Londonderry. Further comments will be found under the relative headings below.

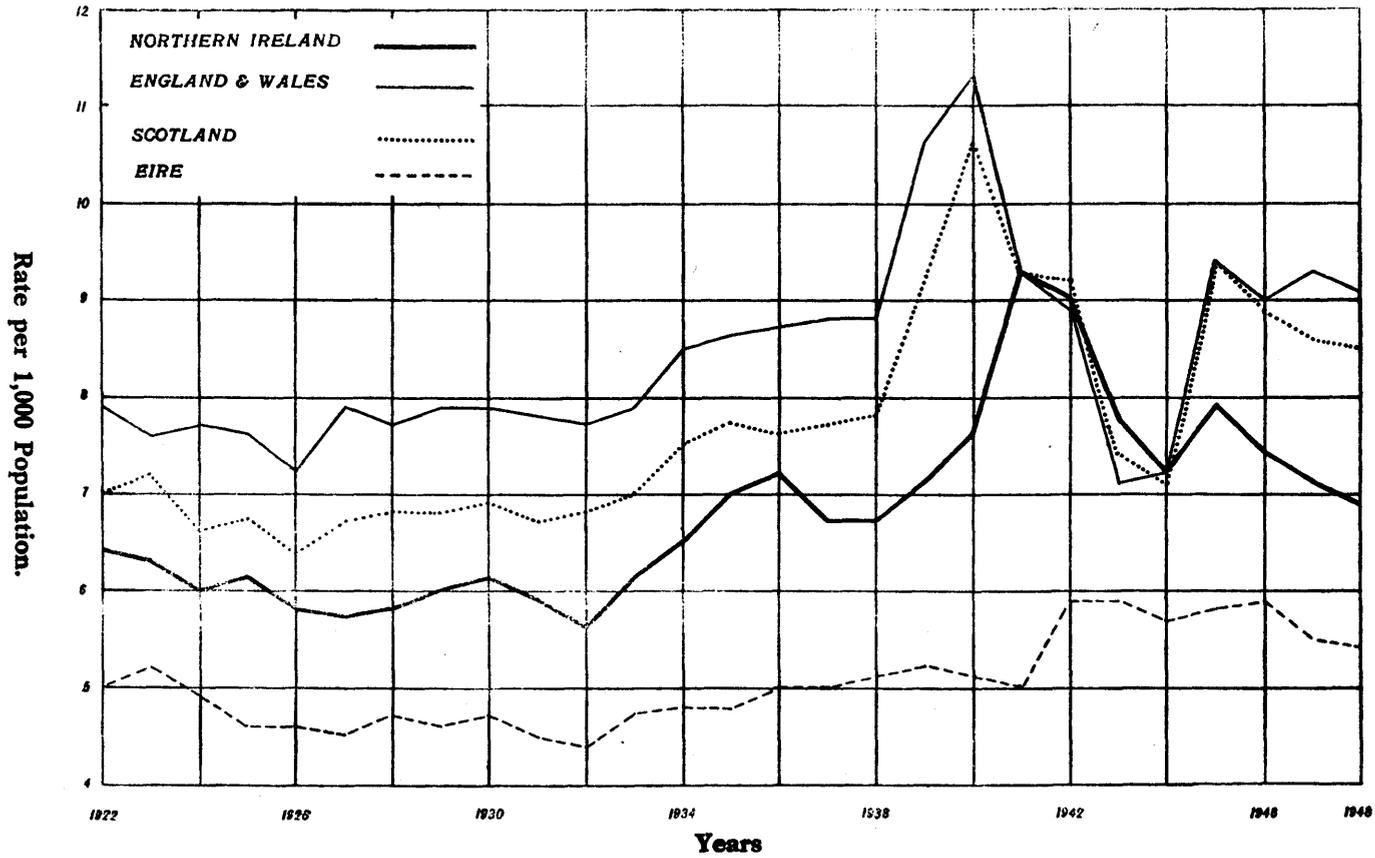
**9. Vaccinations.**—Records of successful Vaccinations ceased to be kept by Registrars of Births on the introduction of the new National Health Service on 5th July, 1948. As returned by the Registrars, the successful Primary Vaccinations during the six months ended 30th June, 1948, numbered 9,537, or 62 per cent. of the total births registered.

## MARRIAGES

**10. Number and Rate.**—Marriages registered during the year numbered 9,360 which is 157 less than the previous year. The rate 6.93 per 1,000 of the estimated population, is 0.18 below that for the year 1947. Of the total marriages, 92.5 per cent. were between bachelors and spinsters, 3.9 per cent. between widowers and spinsters, 2.0 per cent. between bachelors and widows and 1.6 per cent. between widowers and widows. Thus, 5.5 per cent. of the men married during the year were widowers and 3.6 per cent. of the women were widows or, in 9 out of every 100 marriages, one or both of the contracting parties had been married before. It should be noted that for the purpose of these calculations, divorced men and women who marry are included with bachelors and spinsters respectively. Of the contracting parties 4.3 per cent. of the husbands and 18.2 per cent. of the wives were minors.

**11. Method of Celebration.**—Table D shows for Northern Ireland the marriages registered during the years 1927, 1937 and 1942 to 1948 according to methods of celebration. The religious denominations are placed in the order of the number of members at the last Census.

DIAGRAM 1.—Marriage Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-48.



**TABLE A.—Northern Ireland : Population, Marriages, Births, and Deaths, 1936-1948, with Quinquennial Averages from year 1911.**

YEAR	Estimated Mid-Year Population	Marriages	Births (Total)	Illegitimate Births	Deaths	Deaths of Infants under 1 year of Age
1911-15	1,238,000	7,535	29,675	1,296	21,929	3,030
1916-20	1,227,000	8,250	27,560	1,258	22,128	2,620
1921-25	1,260,000	7,873	29,104	1,248	19,594	2,392
1926-30	1,246,000	7,328	26,418	1,249	18,403	2,083
1931-35	1,258,000	7,806	25,098	1,259	18,026	1,966
1936	1,276,000	9,144	25,909	1,199	18,429	1,992
1937	1,281,000	8,623	25,412	1,183	19,282	1,969
1938	1,286,000	8,617	25,742	1,150	17,649	1,933
1939	1,295,000	9,185	25,240	1,187	17,542	1,779
1940	1,296,000	9,795	25,363	1,169	18,941	2,179
1936-40	1,287,000	9,073	25,533	1,178	18,369	1,970
1941	1,288,000 *	11,966	26,887	1,297	19,640 *	2,059
1942	1,296,000 *	11,673	29,645	1,467	17,256 *	2,265
1943	1,302,000 *	10,155	31,521	1,728	17,437 *	2,464
1944	1,316,000 *	9,508	30,900	1,737	16,791 *	2,083
1945	1,317,000 *	10,452	29,007	1,569	16,264 *	1,975
1941-45	1,304,000 *	10,751	29,592	1,560	17,478 *	2,169
1946	1,333,000 *	9,801	30,134	1,319	16,666 *	1,626
1947	1,339,000 *	9,517	31,254	1,179	16,913 *	1,658
1948	1,351,000 *	9,360	29,532	1,072	15,125 *	1,347

NOTE—For Births and Deaths in Counties and Principal Towns, see Abstract VIII.

**TABLE B.—Northern Ireland : Annual Marriage, Birth, and Death Rates, and Deaths of Infants under 1 year per 1,000 births, 1936-1948, with Quinquennial Averages from year 1911.**

YEAR	Rates per 1,000 of Estimated Population			Illegitimate Births Per cent. of Total Births	Deaths of Infants under 1 year of Age per 1,000 Live Births
	Marriages	Births	Deaths		
1911-15	6.09	24.0	17.7	4.37	102
1916-20	6.72	22.5	18.0	4.56	95
1921-25	6.25	23.1	15.6	4.29	82
1926-30	5.88	21.2	14.8	4.73	79
1931-35	6.21	20.0	14.3	5.02	78
1936	7.17	20.3	14.4	4.63	77
1937	6.73	19.8	15.1	4.66	77
1938	6.70	20.0	13.7	4.47	75
1939	7.09	19.5	13.5	4.70	70
1940	7.56	19.6	14.6	4.61	86
1936-40	7.05	19.8	14.3	4.61	77
1941	9.29	20.9	15.2†	4.82	77
1942	9.01	22.9	13.3	4.95	76
1943	7.79	24.2	13.4	5.48	78
1944	7.24	23.5	12.8	5.62	67
1945	7.92	22.0	12.3	5.41	68
1941-45	8.24	22.7	13.4	5.27	73
1946	7.35	22.6	12.5	4.37	54
1947	7.11	23.3	12.6	3.77	53
1948	6.93	21.9	11.2	3.63	46

\* Civilians only. † Civilian death rate (excluding air raid casualties) 14.6.

**TABLE C.—Comparative Statistics for Northern Ireland, England and Wales, Scotland, and Eire, 1926, 1937, 1944-1948.**

MARRIAGE RATES PER 1,000 OF POPULATION				
Years	Northern Ireland	England and Wales	Scotland	Eire
1926	5.8	7.2	6.4	4.6
1937	6.7	8.8	7.7	5.0
1944	7.2	7.1	7.2	5.7
1945	7.9	9.3	9.4	5.8
1946	7.4	9.0	8.9	5.9
1947	7.1	9.3	8.6	5.5
1948	6.9	9.1	8.5	5.4

BIRTH RATES PER 1,000 OF POPULATION				
Years	Northern Ireland	England and Wales	Scotland	Eire
1926	22.5	17.8	21.1	20.6
1937	19.8	14.9	17.6	19.2
1944	23.5	17.7	18.5	22.2
1945	22.0	16.1	16.9	22.4
1946	22.6	19.1	20.3	23.0
1947	23.3	20.5	22.0	23.2
1948	21.9	17.8	19.4	22.0

DEATH RATES PER 1,000 OF POPULATION				
Years	Northern Ireland	England and Wales	Scotland	Eire
1926	15.0	11.6	13.1	14.1
1937	15.1	12.4	13.9	15.3
1944	12.8 *	12.7 *	13.6 *	15.3
1945	12.3 *	12.6 *	13.2 *	14.3
1946	12.5 *	12.0 *	13.1 *	14.0
1947	12.6 *	12.3 *	12.9	14.8
1948	11.2 *	11.0 *	11.8	12.1

INFANT MORTALITY RATES PER 1,000 LIVE BIRTHS				
Years	Northern Ireland	England and Wales	Scotland	Eire
1926	85	70	83	74
1937	77	58	80	73
1944	67	46	65	79
1945	68	46	56	71
1946	54	43	54	65
1947	53	41	56	68
1948	46	34	45	50

DEATHS FROM TUBERCULOSIS (ALL FORMS) PER 1,000 OF POPULATION				
Years	Northern Ireland	England and Wales	Scotland	Eire
1926	1.47	0.96	1.00	1.47
1937	0.98	0.68	0.74	1.23
1944	0.89	0.63	0.82	1.30
1945	0.80	0.62	0.79	1.24
1946	0.83	0.55	0.79	1.15
1947	0.73	0.55	0.80	1.25
1948	0.69	0.51	0.75	1.04

\* Civilian Death Rates.

It will be observed that the decrease in the number of marriages in 1948 is distributed over practically all denominations. Marriages taking place in Registrars' Offices in the year under review represented 7.6 per cent. of the total marriages, as compared with 7.7 in the previous year and 6.7 per cent. in 1930.

12. **Signatures by "Mark."**—Of the 18,720 persons married 17 men and 5 women, or 0.1 per cent. of the persons married, signed the registers or certificates by "mark," as compared with 0.2 in the previous year and 2.1 per cent. in 1922.

**TABLE D.—Northern Ireland: Marriages Registered, according to Methods of Celebration, 1927, 1937, 1942-48.**

YEAR	Roman Catholic	Presbyterian	Church of Ireland	Methodist	In Other Churches	In Registrars' Offices	Jewish	Total Marriages Registered	Total Marriage Rate per 1,000 of Estimated Population
1927	2,091	2,074	2,150	235	233	388	4	7,175	5.74
1937	2,396	2,473	2,426	426	247	647	8	8,623	6.73
1942	3,366	3,533	2,968	582	360	859	5	11,673	9.01
1943	2,928	3,100	2,528	495	281	807	11	10,155	7.79
1944	2,828	2,877	2,273	474	307	726	23	9,508	7.24
1945	3,027	3,168	2,578	547	289	837	8	10,452	7.92
1946	2,693	3,046	2,493	491	276	795	7	9,801	7.35
1947	2,613	3,003	2,359	479	318	736	9	9,517	7.11
1948	2,624	2,927	2,314	494	285	709	7	9,360	6.93

### BIRTHS

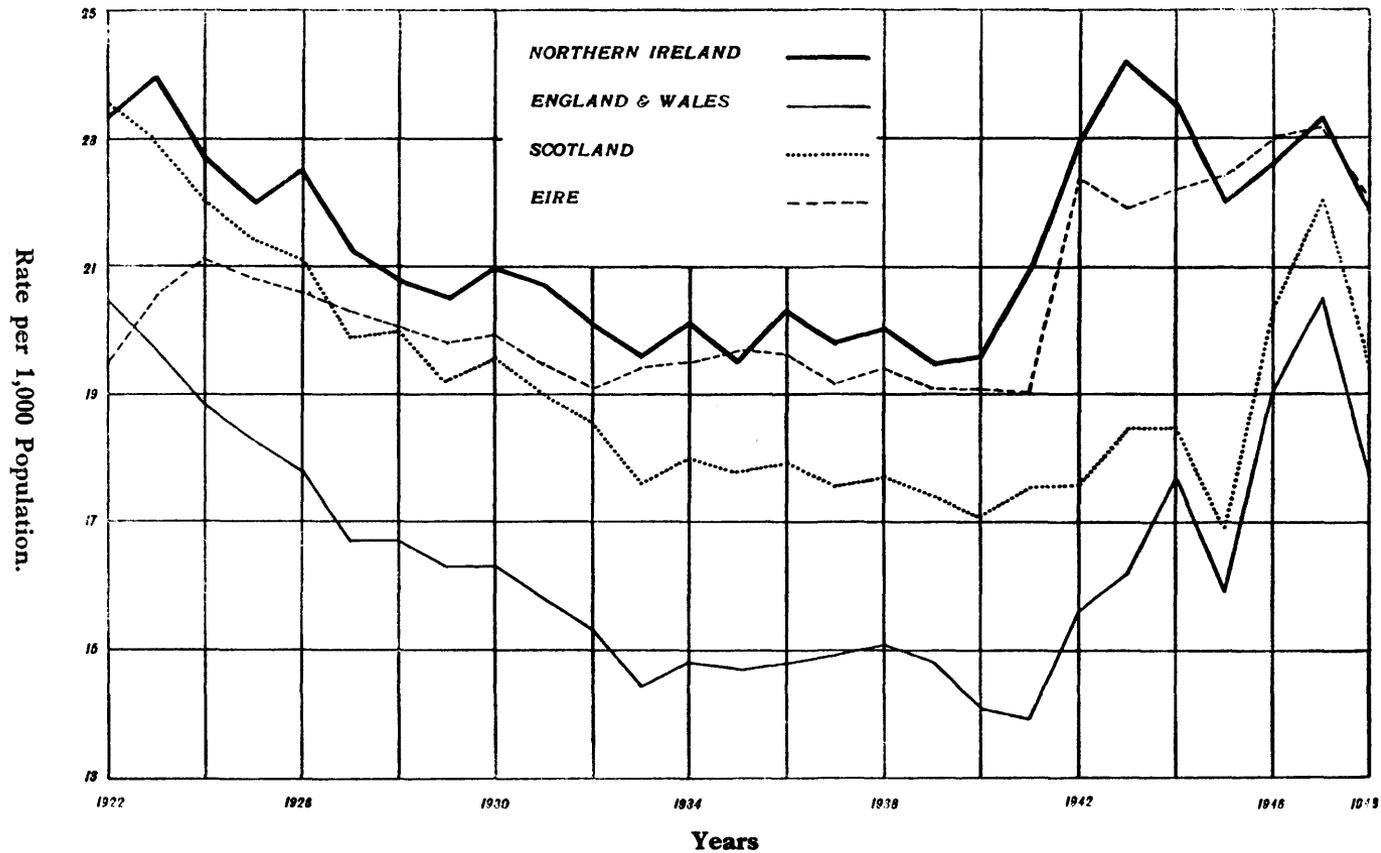
13. **Number and Rate.**—The births registered during the year numbered 29,532, a decrease of 1,722 as compared with the previous year. The birth rate was 21.9 per 1,000 of the estimated population, being 1.4 below the rate for the previous year. Despite this drop, the birth rate is higher than that for any year from 1927 to 1941. Illegitimate births numbered 1,072, a decrease of 107 as compared with the number recorded for 1947; the proportion to total births (3.63 per cent.) being 0.14 below that for the previous year. In England and Wales, Scotland and Eire, the illegitimate births as percentages of the total births in the year 1948 were 5.4, 5.8 and 3.3 respectively.

**TABLE E.—Northern Ireland: County and Urban and Rural Birth and Death Rates, 1946-48.**

AREA	Births per 1,000 of Population			Deaths per 1,000 of Population		
	1946	1947	1948	1946	1947	1948
Northern Ireland ..	22.6	23.3	21.9	12.5	12.6	11.2
Belfast Co. Borough ..	23.2	23.3	21.4	12.0	11.8	10.3
Londonderry Co. Borough ..	28.2	28.7	27.3	13.2	13.5	10.3
County Antrim ..	20.7	21.2	20.6	11.7	12.5	11.1
County Armagh ..	22.1	23.3	21.7	13.0	12.9	11.8
County Down ..	20.5	21.7	20.3	12.5	13.0	11.7
County Fermanagh ..	23.4	23.5	23.4	13.8	13.0	12.1
County Londonderry† ..	25.2	26.8	24.8	13.5	13.0	11.8
County Tyrone ..	23.3	25.1	23.4	13.6	14.2	12.6
Aggregate of Urban Areas	23.1	23.7	22.0	12.2	12.1	10.8
Aggregate of Rural Areas	22.1	23.0	21.7	12.9	13.2	11.7

† Excluding the County Borough.

DIAGRAM II.—Birth Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-48.



**14. Proportion of Males to Females.**—Births of males in Northern Ireland in 1948 numbered 15,263 and those of females 14,269 ; the proportion of male to female births was therefore 1,070 to 1,000. The corresponding proportions for each of the years 1943-47 were 1,076, 1,052, 1,063, 1,056 and 1,050 respectively.

**15. Multiple Births.**—Of the 29,532 children whose births were registered during the year, 28,790 were born singly, 724 children were twins, and 18 were triplets. Still-births not being registered in Northern Ireland, a birth of one live child and one still-born child is regarded as a single birth, a birth of two live children and one still-born child as a twin birth, and so on.

## DEATHS

**16. Number and Rate.**—The number of civilian deaths recorded during the year 1948, and the civilian death rate per 1,000 of the population, were 15,125 and 11.2 respectively. The comparative figures for 1947 were 16,913 and 12.6. The death rate for 1948 is the lowest ever recorded and is 1.1 below that for 1945, which was formerly the lowest rate.

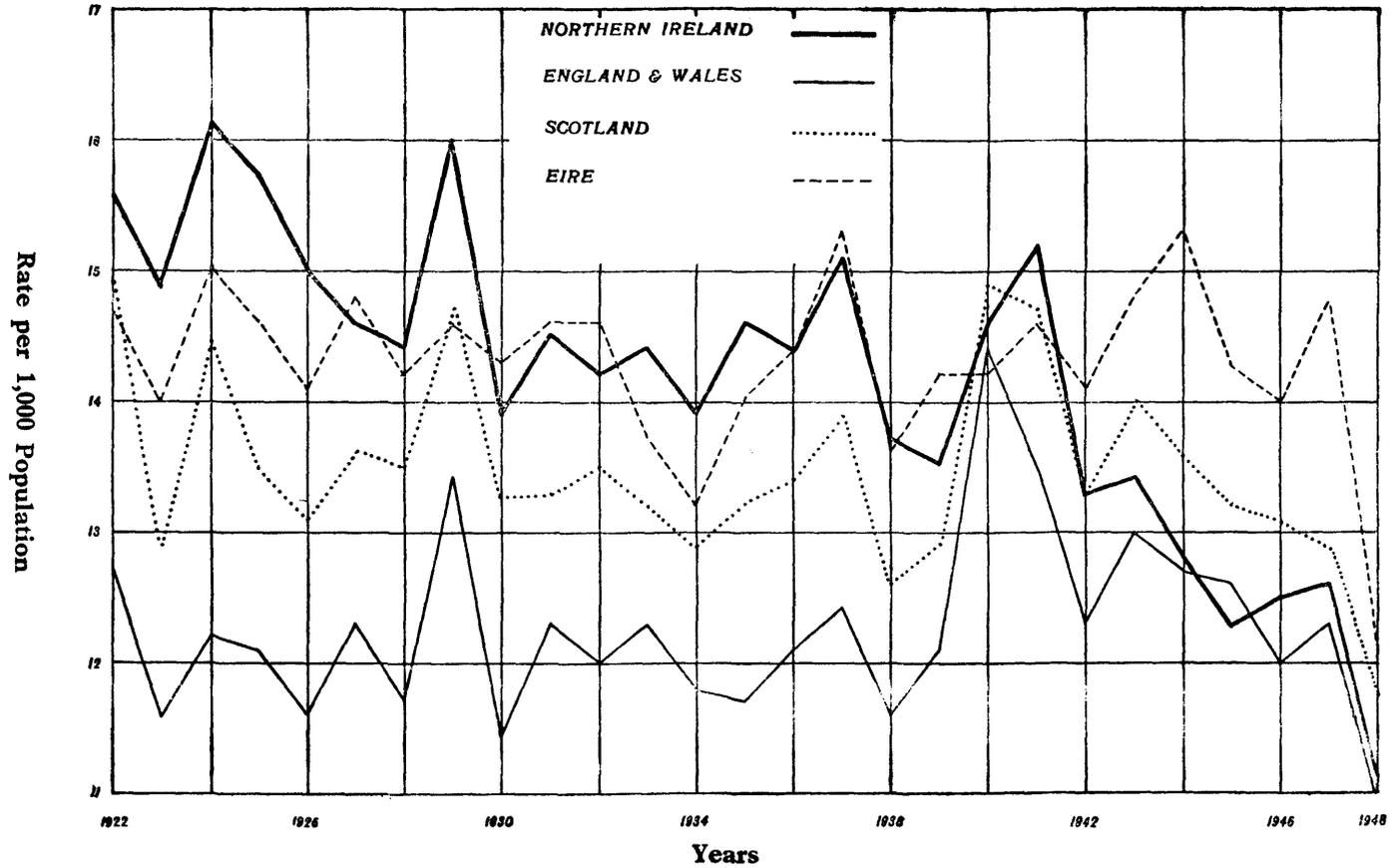
Of the total deaths, 7,728 were of males and 7,397 were of females, the equivalent annual death rates being 11.7 and 10.7 per 1,000 of the male and female estimated populations, respectively. The corresponding rates for 1947 were 13.2 and 12.1.

According to the ages stated to Registrars 10.9 per cent. of the total deaths were of children under 5 years of age and 57.1 per cent. were of persons aged 65 and upwards. There were 80 deaths of persons (28 males and 52 females) aged 95 and upwards ; 8 of these deaths (3 males and 5 females) were of persons whose ages at death were returned as 100 years and upwards. The ages of the males were given as 101, and the ages of the females were given as 2 at 100, 1 at 101, 1 at 102 and 1 at 104.

**17. Deaths in Institutions.**—The numbers of deaths occurring in institutions in each of the years 1939-48 are shown in Abstract X. 32.8 per cent. of the deaths registered in 1948 took place in institutions (2.6 per cent. in public mental hospitals, 12.0 per cent. in poor law institutions, 7.6 per cent. in district hospitals, and 10.6 per cent. in other hospitals and infirmaries), and the remaining 67.2 per cent. occurred in the deceased person's own home, in private nursing homes, or in places other than the institutions already described. The percentage of death taking place in institutions has risen from 17.0 in 1924 to 32.8 in 1948.

**18. Proportion of Deaths from the Principal Causes.**—Abstract XIII shows the deaths from the principal causes as proportions per 1,000 of the total deaths in certain age groups. It will be seen from this abstract that, for all ages taken together, heart disease bears the greatest proportion to the total deaths, which is the usual experience ; and that the deaths from this cause occur mainly among persons of fairly advanced ages. The proportions were high also for cancer, intra-cranial vascular lesions, tuberculosis, pneumonia and bronchitis.

DIAGRAM III.—Death Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-48



At ages under one year, apart from congenital malformations, etc., and premature birth, the highest proportions of deaths were caused by pneumonia and diarrhoea.

Between the ages of one and ten the highest proportions were caused by tuberculosis (the deaths from which are mainly due to tuberculosis of the central nervous system), pneumonia, the common infectious diseases, road traffic accidents, diseases of the digestive system, and congenital malformations, etc.

Between the ages of ten and thirty-five, tuberculosis (principally of the respiratory system) caused by far the largest proportion of deaths.

From age thirty-five onwards, heart disease, cancer, intra-cranial vascular lesions, tuberculosis, bronchitis, nephritis, pneumonia and diseases of the digestive system were responsible for the largest proportions of the total mortality.

Table F shows for each of the principal causes the numbers of deaths and the death rates for each year since 1945, together with corresponding particulars for Eire in respect of the year 1948.

**19. Deaths from the Principal Epidemic Diseases\*.**—The deaths from diseases in this group numbered 286, representing 1.9 per cent. of the total deaths. This number is the lowest ever recorded for this group of diseases. The corresponding figures for the year 1947 were 674 and 4.0.

There were, as usual, no deaths from typhus and there have been no deaths from smallpox in Northern Ireland since 1920. Deaths from diphtheria in 1948 numbered 7, as compared with 135 in the year 1922. This number is the lowest ever recorded and is probably the result of immunisation against this disease in recent years. The numbers of deaths from the majority of the remaining diseases in this group, show decreases when compared with the figures for 1947. The decreases were most marked in connection with influenza, diarrhoeal diseases, whooping cough and measles. To a lesser extent there was a decrease in deaths from typhoid and paratyphoid fevers.

The notifications of certain infectious diseases for each District in Northern Ireland for the year 1948 are shown in Abstract XVIII. It should be noted that this Abstract does not include all cases of infectious disease which have occurred in Northern Ireland during the year. The figures relate only to cases notified to the Ministry of Health and Local Government ; and the diseases notifiable in each district are selected, to some extent, by the local authority. Thus, cases of measles and whooping cough are not notifiable in Londonderry, Bangor and many other towns. In Belfast only the first case of either of these diseases in a household during each outbreak is notifiable.

**20. Influenza.**—The deaths from influenza during the year numbered 76, giving a rate of 0.06 per 1,000 of the population, compared with a rate of 0.2 for the year 1947. As is usually the case, mortality from this disease was highest in the first quarter of the year, 56.6 per cent. of the total deaths being registered in that quarter.

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\* Typhoid and paratyphoid fevers, scarlet fever, whooping cough, diphtheria, dysentery, influenza, smallpox, measles, typhus, and diarrhoeal diseases of children under 2 years of age.

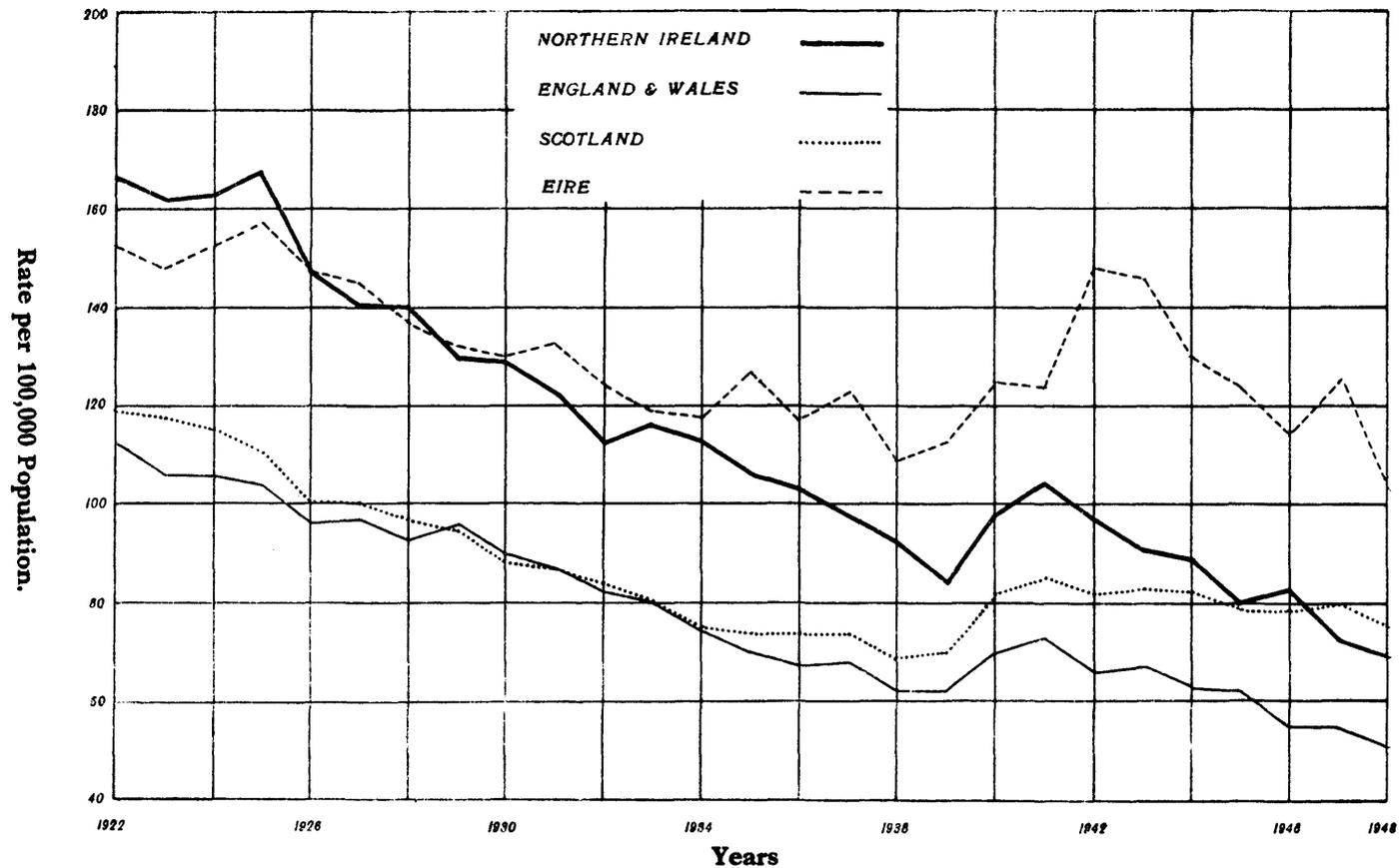
**TABLE F.—Northern Ireland : Number of Deaths from the Principal Causes, Death Rates per 100,000 of Estimated Population, and the Number and Percentage of Uncertified Deaths, 1945-48, with comparative figures for Eire for the year 1948.**

Detailed List Nos.	CAUSES OF DEATH	Number of Deaths				Eire 1948	Rate per 100,000 popltn.				Eire 1948
		1945	1946	1947	1948		1945	1946	1947	1948	
1, 2	Typhoid and Paratyphoid Fevers	6	9	10	5	15	0.5	0.7	0.7	0.4	0.5
6	Cerebro-spinal fever ..	28	26	17	19	34	2.1	2.0	1.3	1.4	1.1
8	Scarlet fever ..	8	5	2	3	5	0.6	0.4	0.1	0.2	0.2
9	Whooping Cough ..	76	65	97	49	204	5.8	4.9	7.2	3.6	6.8
10	Diphtheria ..	35	18	14	7	30	2.7	1.4	1.0	0.5	1.0
13	Tuberculosis of respiratory system ..	799	849	761	711	2,452	60.5	63.7	56.8	52.6	81.8
14-22	Other forms of tuberculosis	259	262	213	221	651	19.6	19.6	15.9	16.4	21.7
30	Syphilitic Disease ..	38	59	62	56	46	2.9	4.4	4.6	4.1	1.5
33	Influenza ..	139	381	273	76	201	10.5	28.6	20.4	5.6	6.7
35	Measles ..	24	8	63	22	63	1.8	0.6	4.7	1.6	2.1
36	Acute poliomyelitis and polioencephalitis ..	14	7	30	2	18	1.1	0.5	2.2	0.1	0.6
37	Acute infectious encephalitis	25	17	18	16	11	1.9	1.3	1.3	1.2	0.4
45-55	Cancer and other malignant tumours ..	1,898	1,889	1,962	1,963	4,074	143.8	141.7	146.6	145.3	135.9
61	Diabetes ..	109	88	104	96	173	8.3	6.6	7.8	7.1	5.8
83	Inter-cranial vascular lesions	1,537	1,531	1,686	1,559	2,656	116.4	114.8	126.0	115.5	88.6
90-95	Heart disease ..	4,025	4,353	4,662	4,304	9,564	304.8	326.5	348.3	318.7	319.0
96-103	Other diseases of circulatory system ..	322	385	353	444	890	24.4	28.9	26.4	32.9	29.7
106	Bronchitis ..	572	673	598	507	999	43.3	50.5	44.7	37.5	33.3
107-109	Pneumonia ..	765	806	795	623	1,239	58.0	60.5	59.4	46.1	41.3
104, 105	Other respiratory diseases	244	280	279	208	532	18.5	21.0	20.8	15.4	17.8
110-114	Ulceration of the stomach or duodenum	107	130	105	110	244	8.1	9.8	7.8	8.1	8.1
117	Diarrhoea (under 2 years of age)	309	191	214	122	352	23.4	14.3	16.0	9.0	11.7
119	Appendicitis ..	55	67	64	46	78	4.2	5.0	4.8	3.4	2.6
121	Other digestive diseases	332	322	303	282	467	25.2	24.2	22.6	20.9	15.6
115, 116	Nephritis ..	316	351	337	307	874	23.9	26.3	25.2	22.7	29.2
118, 120	Puerperal and post-abortive sepsis	19	11	10	6	18	1.4	0.8	0.7	0.4	0.6
122-129	Other maternal causes ..	59	59	48	39	86	4.5	4.4	3.6	2.9	2.9
130-132	Premature birth ..	391	372	350	345	668	29.6	27.9	26.1	25.5	22.3
140, 147	Congenital malformations, birth injury, infantile disease ..	641	509	507	457	1,237	48.6	38.2	37.9	33.9	41.3
141-146	Suicide ..	28	47	45	57	68	2.1	3.5	3.4	4.2	2.3
148-150	Road traffic accidents ..	113	93	110	123	195	8.6	7.0	8.2	9.1	6.5
159	Other violent causes *	327	338	321	276	659	24.8	25.4	24.0	20.4	21.9
157, 158	All other causes ..	2,644	2,465	2,500	2,064	7,554	200.3	184.9	186.8	153.0	251.9
160, 161	ALL CAUSES ..	16,264	16,666	16,913	15,125	36,357	1232.1	1250.3	1263.3	1119.7	1212.7
163, 164	Number and percentage of uncertified deaths ..	630	542	513	419	4,055	3.9	3.2	3.8	2.8	11.2
170, 171											
165-169											
172-195											
197, 198											

\*Including miscellaneous accidents.

**21. Tuberculosis.**—The death rate from this cause of 0.69 per 1,000 of the population is 0.04 below the rate for 1947. The death rate for 1948 is the lowest ever recorded, the next lowest being that for 1947. Diagram IV shows that the death rate in Northern Ireland from all forms of tuberculosis has declined very steadily since 1922. The only break in the general trend of improvement occurs during the period covered by the war years, and it will be noticed from the diagram that this rise was experienced in all other parts of the British Isles. The corresponding rates for England and Wales, Scotland and Eire in 1948 were 0.51, 0.75 and 1.04 respectively.

**DIAGRAM IV.—Death Rates from Tuberculosis in Northern Ireland, England and Wales, Scotland and Eire, 1922-48.**



From Abstract XIII it will be seen that tuberculous diseases have caused 546 deaths in every 1,000 between the ages of 15 and 25, and 437 per 1,000 between 25 and 35. Further, from Abstract IX it appears that 44 per cent. of the deaths from all forms of tuberculous disease during 1948 occurred between the ages of 15 and 35, as compared with 40 per cent. in 1947.

Tuberculosis is in general more prevalent in the cities and towns than in the country districts. In 1948 the rate per 1,000 of the population for all urban areas was 0.76 and for rural areas 0.61. The rates in 1947 were 0.79 and 0.65 respectively.

Tuberculosis of the respiratory system accounted for 76.3 per cent. of the total deaths from tuberculosis, as compared with 78.1 per cent. in 1947.

**TABLE G.—Northern Ireland : Deaths and Death Rate from Tuberculosis (All Forms), 1926, 1937 and 1943-48.**

YEAR	MALES		FEMALES		TOTAL	
	Number of Deaths	Rate per 1,000 of the estimated Male population	Number of Deaths	Rate per 1,000 of the estimated Female population	Number of Deaths	Rate per 1,000 of the estimated population
1926 ..	849	1.40	992	1.53	1,841	1.47
1937 ..	627	1.00	624	0.95	1,251	0.98
1943 ..	605	0.95	585	0.87	1,190	0.91
1944 ..	567	0.89	597	0.88	1,164	0.89
1945 ..	522	0.81	536	0.79	1,058	0.80
1946 ..	564	0.87	547	0.80	1,111	0.83
1947 ..	530	0.81	444	0.65	974	0.73
1948 ..	492	0.75	440	0.64	932	0.69

**TABLE H.—Northern Ireland : Death Rates per 1,000 of the Population from Tuberculosis (All Forms) by Counties, 1926, 1937 and 1943-48.**

YEAR	Antrim	Armagh	Belfast County Borough	Down	Fermanagh	Londonderry excluding County Borough	Londonderry County Borough	Tyrone
1926	1.29	1.38	1.74	1.43	0.98	1.25	1.37	1.38
1937	0.81	1.14	1.16	0.85	1.03	0.56	1.11	0.92
1943	0.74	0.90	1.16	0.77	0.78	0.60	1.17	0.87
1944	0.69	0.71	1.03	0.97	0.72	0.70	1.19	0.83
1945	0.60	0.75	0.93	0.78	0.68	0.73	0.98	0.81
1946	0.69	0.69	0.95	0.88	0.76	0.74	1.21	0.68
1947	0.63	0.80	0.77	0.74	0.62	0.68	0.84	0.69
1948	0.61	0.72	0.72	0.68	0.69	0.57	0.87	0.74

The abstracts of causes of death give particulars regarding the sexes and ages of the persons who died from the various forms of tuberculous disease during the year, and also the deaths from tuberculosis allocated to each county and to each of the principal towns in Northern Ireland.

**DIAGRAM V.—Death Rates from Cancer in Northern Ireland, England and Wales, Scotland and Eire, 1922-1948.**

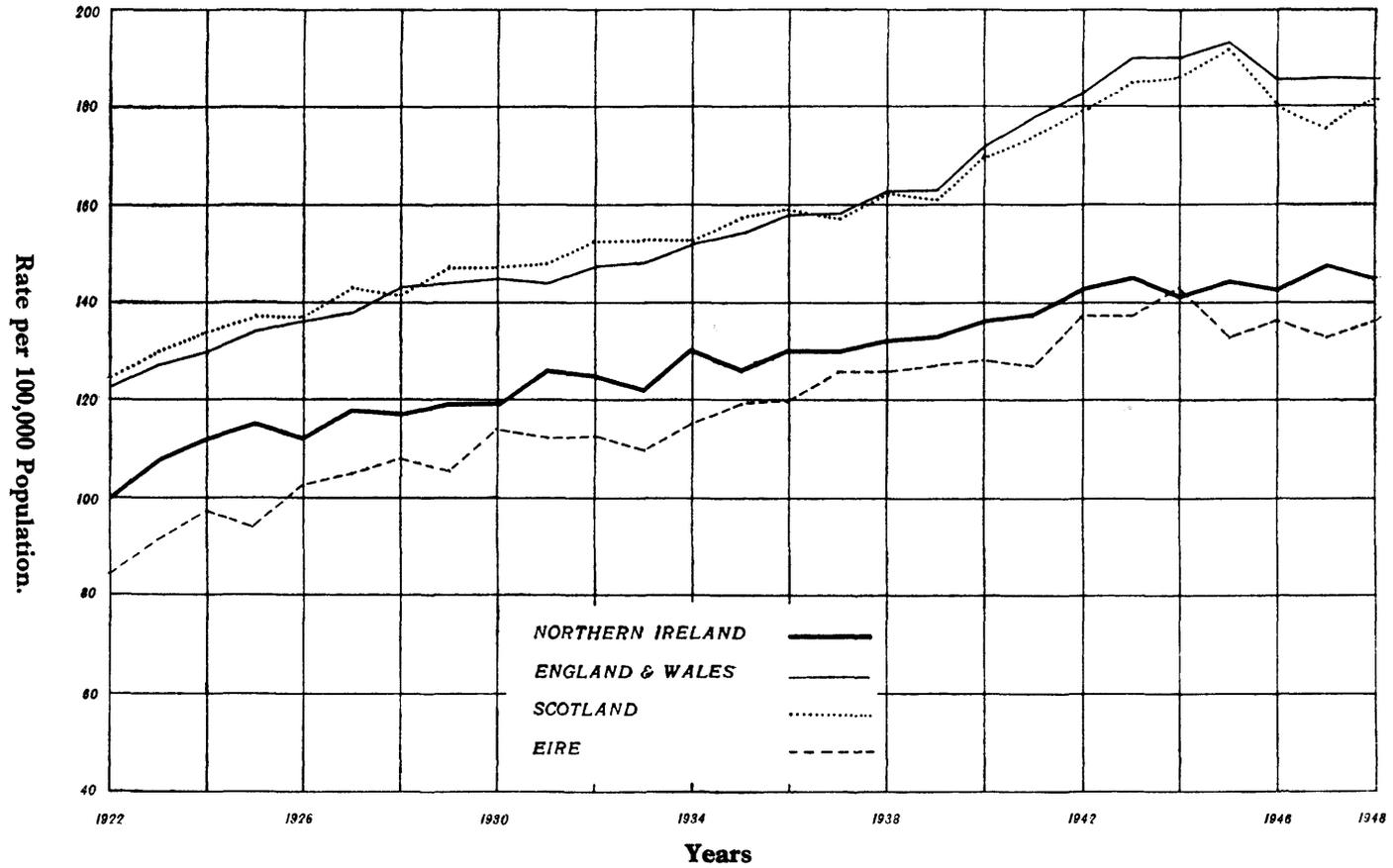


Table G affords comparison of the summarised figures for 1948 with those for certain preceding years. Table H shows comparisons of the summarised figures for each of the six counties of Northern Ireland and Belfast and Londonderry County Boroughs.

**22. Cancer.**—The number of deaths from cancer in Northern Ireland during 1948 was 1,963, giving a death rate of 1.45 per 1,000 of the population, which is 0.02 below the rate for 1947. From Diagram V. it can be seen that the general tendency has been for this rate to show a more or less steady increase.

Diagram VI compares the death rates from tuberculosis and cancer ; and from this it can be seen that, prior to 1931, tuberculosis accounted for a greater number of deaths, whereas since that date cancer has proved the more dangerous.

The death rates from cancer among males and females were 1.42 and 1.49 respectively. In 1947 the male and female rates were 1.50 and 1.44 respectively.

The most frequent sites of fatal cancer among males during the year were stomach, 199 ; intestines, 104 ; lungs, 85 ; rectum, 82 ; prostate, 79 ; and pancreas, 46. Among females the most frequent sites were stomach, 198 ; breast, 161 ; intestines, 123 ; uterus, 110 ; rectum, 55 ; liver and gall bladder, 44 ; and ovary, 39.

Abstract XIV gives particulars regarding sex, age and sites of fatal cancer during the year 1948.

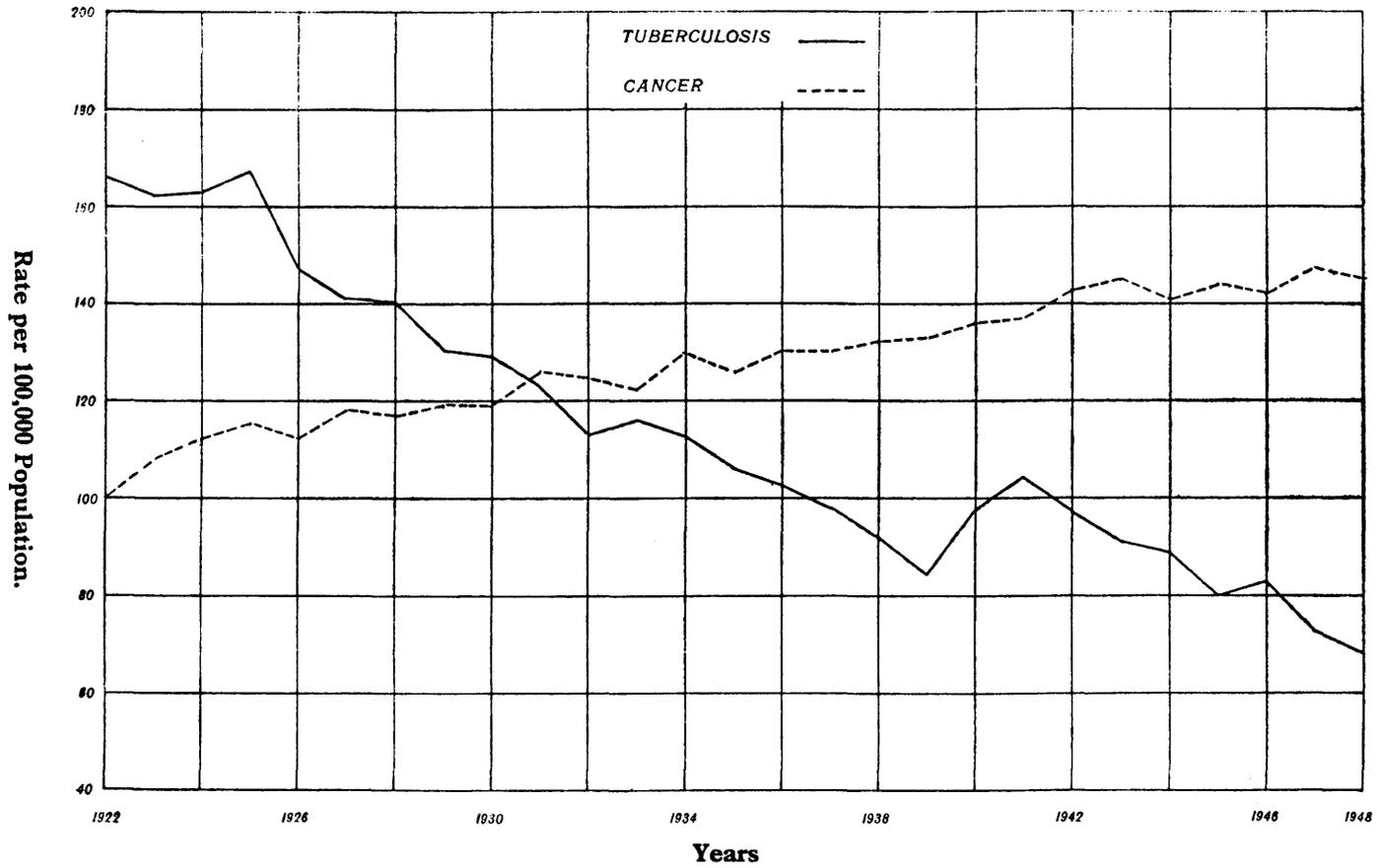
**23. Cerebral Haemorrhage, Apoplexy, etc.**—The deaths assigned to this group (now described as “Intra-cranial vascular lesions”) numbered 1,559, giving a rate of 1.15 per 1,000 of the population. This rate is 0.11 below that for 1947.

**24. Heart Disease.**—The deaths from the various forms of heart disease during the year numbered 4,304, the rate per 1,000 of the population being 3.19, which is 0.29 below that for the previous year. The death rate from this disease has been more or less steadily increasing over a number of years.

**25. Bronchitis.**—The deaths from bronchitis during the year numbered 507, giving a rate of 0.38 per 1,000 of the population, which is 0.07 below the rate for 1947.

**26. Pneumonia.**—There were 623 deaths from pneumonia during 1948, the rate per 1,000 of the population being 0.46, compared with a rate of 0.59 per 1,000 in 1947.

DIAGRAM VI.—Death Rates from Tuberculosis and Cancer in Northern Ireland, 1922-1948.



**TABLE J.—Northern Ireland : Deaths of Women in Pregnancy and Childbirth, 1948.**

Detailed List Nos.	Causes of Death	All Ages	Ages						
			15-	20-	25-	30-	35-	40-	45 and upwards
	<b>DISEASES OF PREGNANCY, CHILDBIRTH AND THE PUERPERAL STATE :</b>								
140	Post-abortive infection ..	.	.	.	.	.	.	.	.
141	Abortion without mention of septic conditions ..	3	.	.	.	.	2	1	.
142	Ectopic gestation ..	2	.	.	.	.	.	2	.
143	Haemorrhage of pregnancy ..	1	.	.	.	1	.	.	.
144	Toxaemias of pregnancy ..	8	.	.	.	3	4	1	.
145	Other diseases and accidents of pregnancy ..	.	.	.	.	.	.	.	.
146	Haemorrhage of childbirth and the puerperium ..	14	.	1	2	7	3	1	.
147	Infection during childbirth and the puerperium ..	6	.	1	.	1	2	1	1
148	Puerperal toxaemias ..	2	.	1	.	.	1	.	.
149	Other accidents of childbirth ..	9	.	.	2	3	1	3	.
150	Other or unspecified conditions of childbirth and the puerperal state ..	.	.	.	.	.	.	.	.
	<b>DISEASES OR CAUSES COMBINED WITH PREGNANCY OR CHILDBIRTH :</b>								
13	Tuberculosis of the Respiratory system ..	1	.	.	.	1	.	.	.
22	Disseminated Tuberculosis ..	1	.	.	.	1	.	.	.
92	Chronic affections of the valves and Endocardium ..	1	.	.	.	1	.	.	.
93	Diseases of the Myocardium ..	1	.	.	.	.	1	.	.
99	Other Diseases of the Arteries ..	1	.	.	.	.	1	.	.
107	Broncho-pneumonia ..	1	.	.	1	.	.	.	.
108	Lobar Pneumonia ..	1	.	.	.	.	1	.	.
109	Pneumonia (unspecified) ..	1	.	.	.	.	.	.	.
121	Appendicitis ..	1	.	.	1	.	.	.	.
122	Hernia, Intestinal Obstruction ..	1	.	.	.	.	1	.	.
	<b>TOTAL ..</b>	<b>55</b>	<b>.</b>	<b>3</b>	<b>6</b>	<b>18</b>	<b>18</b>	<b>9</b>	<b>1</b>

**27. Pregnancy and Childbirth.**—The mortality of women during pregnancy and childbirth is classified under two headings, namely—(1) diseases of pregnancy, childbirth and puerperal state, and (2) diseases or causes combined with pregnancy and childbirth. The causes of death shown in Table J are those to which the various deaths were assigned.

From Table K it will be seen that the deaths from diseases of pregnancy, childbirth and the puerperal state in 1948 yielded a rate of 1.52 per 1,000 live births, which is a decrease of 0.33 as compared with the rate for 1947. The rate for 1948 is the lowest on record. The next lowest rate (1.85) was that recorded for 1947.

The rate for diseases combined with pregnancy and childbirth decreased from 0.51 in 1947 to 0.34 in the year under review.

**TABLE K.—Northern Ireland : Deaths of Women in Pregnancy and Childbirth, 1926, 1937, and 1943-48.**

YEAR	Deaths from Diseases of Pregnancy, Childbirth and the Puerperal State (classed as Childbirth).						Deaths from Diseases or Causes combined with Pregnancy and Childbirth (not classed as Childbirth).	
	Puerperal and Post Abortive Sepsis		Other Maternal Causes		Total Puerperal Diseases		No.	Rate per 1,000 Live Births
	No.	Rate per 1,000 Live Births	No.	Rate per 1,000 Live Births	No.	Rate per 1,000 Live Births		
1926	49	1.74	109	3.87	158	5.61	17	0.60
1937	31	1.22	96	3.78	127	5.00	37	1.46
1943	22	0.70	78	2.47	100	3.17	20	0.63
1944	21	0.68	74	2.39	95	3.07	19	0.61
1945	19	0.66	59	2.03	78	2.69	19	0.66
1946	11	0.36	59	1.96	70	2.32	18	0.60
1947	10	0.32	48	1.53	58	1.85	16	0.51
1948	6	0.20	39	1.32	45	1.52	10	0.34

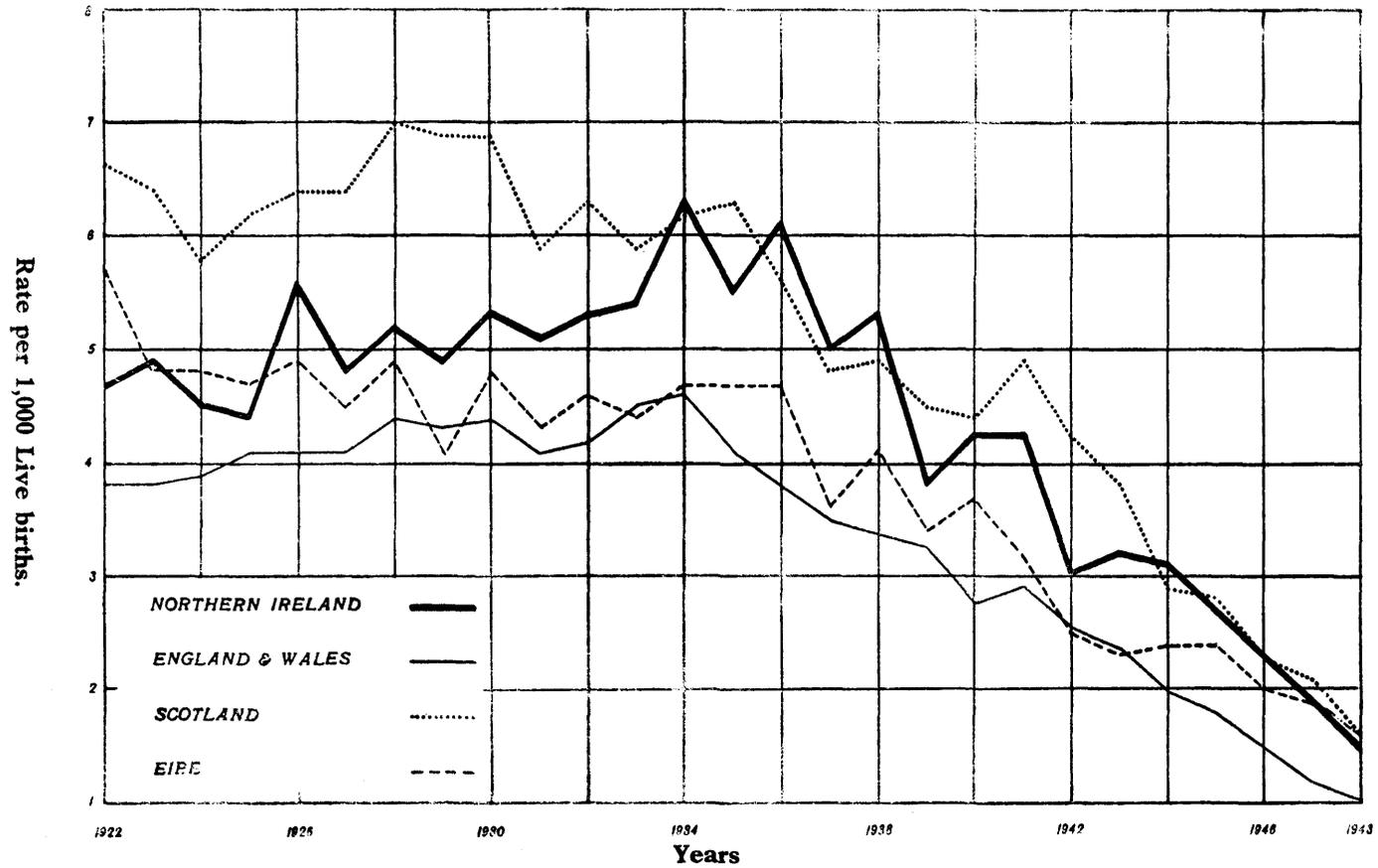
**TABLE L.—Northern Ireland : Deaths of Women in Pregnancy and Childbirth in Urban and Rural Areas and in the two County Boroughs for 1948, and (in italics) for the average of the five years 1943-1947.**

AREA	Total Deaths			Total Births	Death Rate per 1,000 Live Births		
	Puerperal and post-Abortive Sepsis	Other Maternal Causes	Total Puerperal Diseases		Puerperal and Post-Abortive Sepsis	Other Maternal Causes	Total Puerperal Diseases
NORTHERN IRELAND	6	39	45	29,532	0.20	1.32	1.52
	<i>17</i>	<i>64</i>	<i>80</i>	<i>30,563</i>	<i>0.56</i>	<i>2.09</i>	<i>2.62</i>
ALL URBAN AREAS	1	18	19	15,874	0.06	1.13	1.20
	<i>10</i>	<i>29</i>	<i>39</i>	<i>16,519</i>	<i>0.61</i>	<i>1.76</i>	<i>2.36</i>
ALL RURAL AREAS	5	21	26	13,658	0.37	1.54	1.90
	<i>7</i>	<i>34</i>	<i>41</i>	<i>14,044</i>	<i>0.50</i>	<i>2.42</i>	<i>2.92</i>
Belfast Co. Borough	.	13	13	9,744	.	1.33	1.33
	<i>7</i>	<i>15</i>	<i>22</i>	<i>10,371</i>	<i>0.67</i>	<i>1.45</i>	<i>2.12</i>
Londonderry Co. Borough	.	.	.	1,345	.	.	.
	<i>7</i>	<i>3</i>	<i>4</i>	<i>1,405</i>	<i>0.71</i>	<i>2.14</i>	<i>2.85</i>

Table L shows the number of deaths from puerperal diseases distinguishing puerperal and post-abortive sepsis, with corresponding rates for the aggregates of the Urban and Rural Areas and the County Boroughs in Northern Ireland for the year 1948 and for the average of the years 1943 to 1947. From this it will be seen that the rates for all puerperal diseases show an improvement on the average annual rates for the preceding five years.

**28. Violent Deaths.**—The number of deaths ascribed to violence during the year was 456 (317 males and 139 females), which is a decrease of 20 on the number registered for 1947, and is equivalent to 3.0 per cent. of the total deaths registered. Of these 456 deaths, 1 was attributed to homicide, 57 to suicide, and 398 to accidental causes.

DIAGRAM VII.—Maternal Mortality Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-48.



Included in the 42 deaths from drowning, shown in Table M, there were 17 cases (13 males and 4 females) in which the Coroners returned a verdict of "found drowned." It is possible that some of these deaths were due to suicide.

Of the 28 deaths from burns and scalds, 17 were of children under 5 years of age.

**TABLE M.—Northern Ieland : Violent Deaths, 1946-48.**

CAUSES OF DEATH (with Detailed List Nos.)	1946	1947	1948		
			Total	Males	Females
<i>Homicide</i>					
Infanticide (165) ..	1	2	.	.	.
Manslaughter (in 166-168) ..	.	1	1	1	.
Murder (in 166-168) ..	.	.	.	.	.
Justifiable Homicide (in 166-168) ..	.	.	.	.	.
<i>Suicide (163, 164) ..</i>	47	45	57	43	14
<i>Accidental Causes</i>					
Burns and Scalds(181)	36	36	28	15	13
Drowning (183) ..	41	63	42	30	12
Fall (in 186) ..	129	103	112	56	56
Firearms (184) ..	4	7	2	2	.
Mechanical Suffocation (182) ..	25	15	14	10	4
Poison and Poisonous Gases (177-179)	15	17	7	2	5
Vehicles—					
Motor (170)	83	93	96	72	24
Other (171)	10	17	27	24	3
Other Accidental causes	87	77	70	62	8
<i>Other Violent Deaths (197, 198) ..</i>	.	.	.	.	.
<b>TOTAL DEATHS FROM VIOLENCE ..</b>	<b>478</b>	<b>476</b>	<b>456</b>	<b>317</b>	<b>139</b>

**29. Uncertified Deaths.**—The deaths registered as uncertified, i.e., those in which there was neither a medical attendant during the last illness nor an inquest held by a coroner, numbered 419, representing 2.8 per cent. of the total deaths registered. The percentage of uncertified deaths has been falling rapidly during the past twenty years. In 1927 uncertified deaths represented 9.6 per cent. of the total deaths.

Of the total deaths in rural areas 273, or 3.7 per cent., were uncertified ; in urban areas the number was 146, or 1.9 per cent.

Deaths of persons aged 65 years and upwards represented 66.3 per cent. of the uncertified cases, and deaths of infants under 1 year of age 10.3 per cent.

**30. Inquests.**—The circumstances of 858 deaths were considered by the coroners in 1948, including 207 of the uncertified deaths referred to in the previous paragraph. Inquests were held in 508 of these cases, which represents one inquest for every 30 deaths registered. In 1947 the inquests numbered 539.

**31. Infant Mortality.**—Deaths of infants under 1 year of age numbered 1,347, or 46 per 1,000 live births registered. This rate is the lowest ever recorded in Northern Ireland, the rate for the year 1947 (53) being the next lowest. Of the 1,347 deaths of infants under 1 year of age, 810 were of males and 537 of females, the former number being equivalent to 53 per 1,000 live births of males and the latter to 38 per 1,000 live births of females. The corresponding rates for 1947 were 61 and 45 respectively.

The infant mortality rate for the aggregate of the Urban Districts of Northern Ireland in 1948 was 46 per 1,000 live births, and the rate for the aggregate of the Rural Districts was 45 per 1,000, the corresponding rates for 1947 being 58 and 47 respectively.

In 1948 and 1947 the rates for deaths of infants under 1 year of age were 34 and 41 per 1,000 live births, respectively, for England and Wales ; 45 and 56 for Scotland ; and 50 and 68 for Eire.

**TABLE N.—Infant Mortality Rates for Belfast Co. Borough and Londonderry Co. Borough with comparative Rates for Towns of approximately the same Populations in Great Britain 1948.**

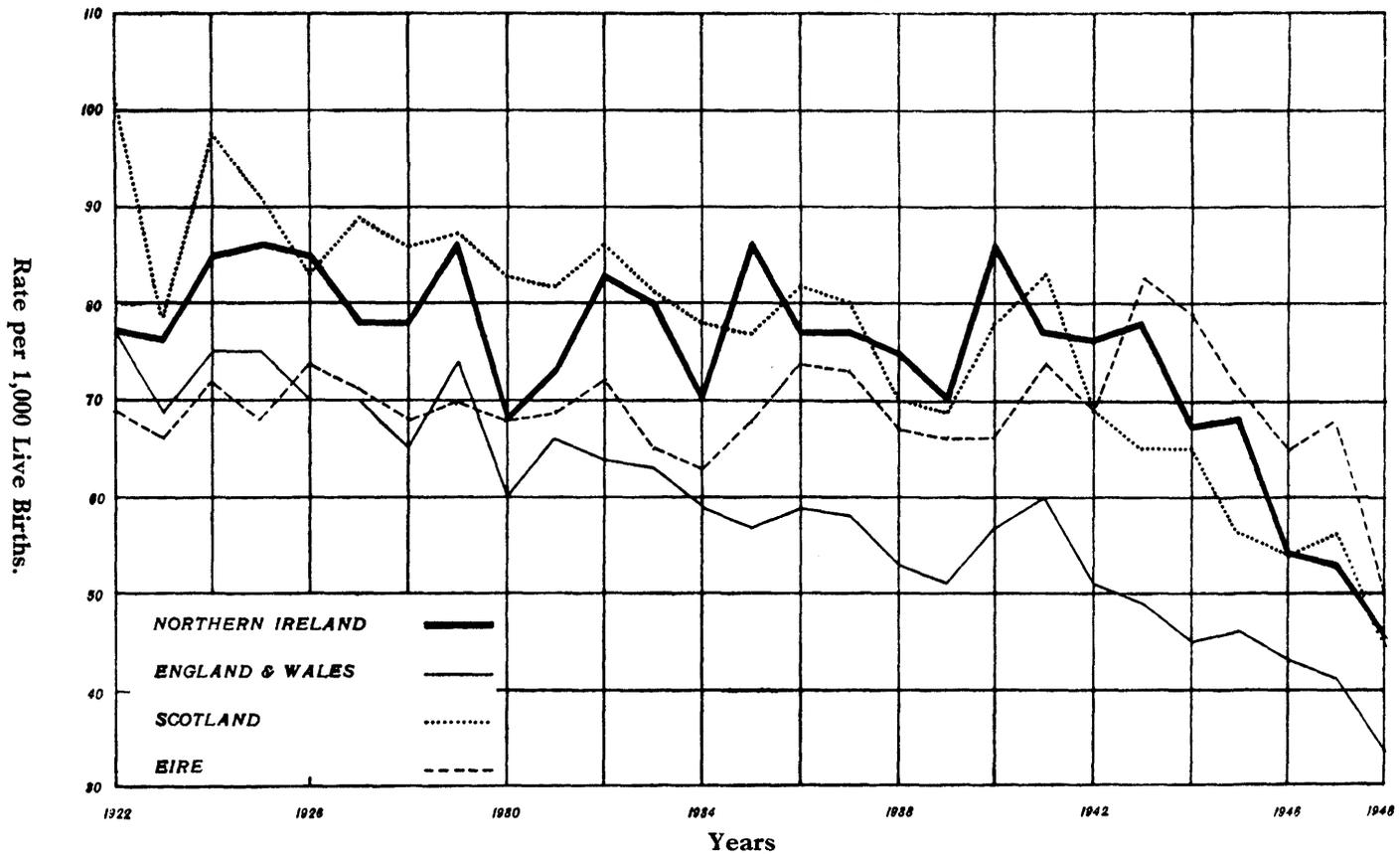
Town	Population	Deaths of Infants under 1 year of Age per 1,000 Live Births
BELFAST .. .. .	454,500	45
Bristol .. .. .	435,000	25
Leeds .. .. .	501,900	35
Sheffield .. .. .	514,400	32
Edinburgh .. .. .	488,331	34
LONDONDERRY .. .. .	49,310	45
Burton-on-Trent .. .. .	48,510	39
Dewsbury .. .. .	52,520	40
Crewe .. .. .	54,240	28
Shrewsbury .. .. .	45,090	32
Lancaster .. .. .	50,250	28
Ayr .. .. .	43,967	49
Kirkcaldy .. .. .	48,671	34

NOTE.—The populations are as estimated at mid-year, 1948.

In Table N the infant mortality rates for Belfast and Londonderry County Boroughs are compared with those for towns of approximately the same populations in Great Britain. Whilst the rates for these Northern Ireland towns do not yet compare favourably with those for cross-channel towns of comparable size, there has been an immense reduction since 1942 when the rates were : Belfast 92, Londonderry 90.

Abstract XV gives the infant mortality rates for Northern Ireland for each of the six years 1943-48, by causes of death, and, for the last of these years, by sexes and age-periods.

DIAGRAM VIII.—Infant Mortality Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-48.



Abstract XVI compares the infant mortality rates for the aggregate of the urban areas with those for the aggregate of the rural areas of Northern Ireland. The differences usually found between urban and rural rates and between male and female rates are marked, the urban rates being, in general, appreciably in excess of the corresponding rural rates.

The infant mortality rate for Belfast County Borough for 1948 was 45, which is the lowest ever recorded. The corresponding rates for each of the years 1943 to 1947 were 111, 89, 84, 61 and 60 respectively. Abstract XVI gives the infant mortality rates for Belfast County Borough, for each of the six years 1943-48, by the principal causes of death. The rates for the year 1948 are given also by sexes and age-periods.

Abstract VIII gives the number of infant deaths, together with the number of births, for each County and for each of the principal towns in Northern Ireland. Figures for the aggregates of urban and rural areas are also given.

**32. Mortality among Illegitimate Children.**—Deaths of illegitimate children under 1 year of age numbered 99 in 1948, which is equivalent to a rate of 92 per 1,000 of the illegitimate live births registered, as compared with a rate of 98 for the previous year. The corresponding rates for legitimate children in 1948 and 1947 were 44 and 51 per 1,000 live births, respectively.

Abstract XVII shows the deaths of illegitimate children by the principal causes and for age-periods in 1948, together with the mortality rates among illegitimate children for each of the years 1943-48. Most of these rates are considerably in excess of the corresponding rates for all children ; particularly the rates for diarrhoea and enteritis, congenital debility, pneumonia and congenital malformations. It should, however, be noted that the rates for some of the causes are based on very small numbers of deaths.

#### POPULATION.

The *civilian* population of Northern Ireland was estimated at 1,351,000 which represents the position as at 30th June, 1948, and the rates in this Report (relating to 1948) for the country as a whole have been based on this estimate. The rates for 1948 for the various divisions of the country have also been based on the civilian estimated population as at mid-year, 1948. The 1937 Census population figures for the counties and principal towns of Northern Ireland are given at the foot of Abstract VIII.

#### THE WEATHER.

Reports on the weather experienced in Northern Ireland during each month of the year 1948, as furnished by the Director of the Meteorological Office, England, are published in the Quarterly Returns of Births, Deaths, and Marriages for that year. Table O shows for the stations of Armagh, Garvagh and Aldergrove the Average Air Temperature, Rainfall, and Sunshine in 1948.

The weather of the year 1948 was distinguished by an exceptionally wet January, a sunny and mainly warm spring, a rather cool, dull summer apart from a very warm, sunny spell during the last week of July, while the last three months were mild and sunny for the time of year. The general values show that mean temperature for the year exceeded the

average by 1.2°F., the general rainfall was 113 per cent. of the average and the duration of bright sunshine 102 per cent.

*January* was unsettled throughout and excessively wet, being the wettest January, since 1928. It was rather cold and sleet or snow occurred fairly frequently. Unsettled conditions persisted throughout the first half of *February*, but subsequently fair weather set in and persisted for the most part until the end of the month. *March* was unusually warm; it was also sunny, with variable rainfall, percentages of the average at individual stations ranging from 59 at Aldergrove to 116 at Armagh. Mean temperature was exceedingly high; a higher value has only occurred twice in March, namely in 1938 and 1945. *April* was warm and sunnier than usual; it was also drier than the average. A gale occurred widely on the 1st and locally on the 7th-8th. The weather of *May* was notably sunny; there were cool unsettled spells at the beginning of the month and from the 22nd onward, but the intervening period was mainly warm. Again the general rainfall was appreciably less than the average. Apart from slight falls on the 10th and 13th, there was little or no rain from the 6th-21st inclusive. *June* was dull, rather cool and wet. The mean daily duration of sunshine was 4.21 hours at Armagh and 5.39 at Hillsborough compared with 7.17 hours at Armagh and 7.54 at Hillsborough during May.

The weather of *July* was notable for an unusually cold spell until the 17th and an exceedingly warm, dry and very sunny spell from the 26th onwards. The general rainfall was 97 per cent. of the average, percentages at individual stations ranging from 82 at Seaforde, County Down to 131 at Londonderry. *August* was dull, with both temperature and rainfall somewhat below the average. The percentage of the average sunshine was only 76. *September* was wet, dull and rather mild on the whole. Rainfall considerably exceeded the average. *October* was rather mild, while the general rainfall was about average and sunshine somewhat exceeded the average. The week ending on the 30th was notably sunny. The weather of *November* was remarkable for its mildness, the opening days and the period 11th-15th being particularly mild. The month was rather dry on the whole and appreciably sunnier than usual. Among the best daily sunshine records were 7.6 hours at Aldergrove on the 5th and 7.5 hours at Armagh, 7.2 at Hillsborough and 7.1 at Aldergrove on the 6th. *December* was mild and wet but very sunny for the time of year. Rainfall was excessive, the percentage of the average being 146; the wettest day was the 5th when falls of 2in. or more were registered. Little or no rain occurred from the 16th-24th. At Armagh the maximum temperature on that day, 59°F., was the highest recorded there in December since records were first taken in 1871. From the 20th onward it was rather cold.

The table below gives the monthly deviation from the average mean temperature in degrees Fahrenheit and the monthly rainfall and sunshine expressed as percentages of the average.

	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Temperature ..	-1.3	+0.5	+5.5	+2.9	-0.2	-0.5	-0.4	-0.2	+1.2	+1.3	+4.0	+1.5
Rainfall ..	196	81	91	90	80	139	97	96	146	100	81	147
Sunshine ..	95	83	119	112	132	79	103	74	80	104	116	123

**TABLE O.—Northern Ireland : Air Temperature, Rainfall, and Sunshine obtained from Readings taken at the Stations of Armagh, Garvagh and Aldergrove, 1948.**

ARMAGH†											
MONTH	Air Temperature						Rainfall			Sunshine	
	Highest	Lowest	Means of			Difference of Mean from Average	Total	Percentage of Average	No. of Days	Daily Mean	Difference from Average of Daily Mean
			Daily Maximum	Daily Minimum	Daily Mean $\frac{1}{2}(\text{Max.} + \text{Min.})$						
	oF.	oF.	oF.	oF.	oF.	oF.	mm.	%	hrs.	hrs.	
January ..	54	24	43.9	34.3	39.1	-1.5	171	267	23	1.29	-0.18
February ..	54	27	46.2	35.8	41.0	+0.3	46	82	14	1.93	-0.35
March ..	65	26	55.7	40.0	47.9	+5.8	66	110	16	3.95	+0.47
April ..	67	31	56.6	40.1	48.3	+3.0	63	119	16	5.73	+0.72
May ..	75	31	61.3	40.9	51.1	0.0	58	96	11	7.17	+1.82
June ..	74	39	62.3	47.7	55.0	-0.7	110	172	20	4.21	-1.37
July ..	84	43	66.0	50.9	58.5	-0.4	63	85	12	4.82	+0.14
August ..	72	43	64.7	51.1	57.9	-0.2	89	97	22	3.47	-0.85
September ..	68	36	61.7	49.0	55.3	+1.0	67	107	19	3.25	-0.67
October ..	66	28	56.5	43.5	50.0	+1.1	57	83	16	2.82	+0.02
November ..	62	25	52.8	41.4	47.1	+4.2	67	93	15	2.52	+0.38
December ..	59	24	47.1	37.6	42.3	+1.5	115	144	20	1.55	+0.29
Year 1948	84	24	56.2	42.7	49.5	+1.2	972	121	204	3.58	+0.03
GAVRVAGH *											
January ..	54	22	43.5	33.1	38.3	-1.1	136	155	28	1.48	+0.02
February ..	55	24	46.1	35.4	40.7	+1.0	69	87	15	1.75	-0.63
March ..	65	30	54.4	38.5	46.4	+5.3	66	83	16	4.47	+1.03
April ..	64	30	55.3	39.9	47.6	+2.9	57	93	18	5.85	+0.85
May ..	77	27	59.9	39.7	49.8	-0.3	48	74	11	7.54	+1.73
June ..	73	39	60.7	48.1	54.4	0.0	96	149	22	5.39	-0.62
July ..	82	41	64.1	50.4	57.3	-0.5	76	92	20	5.67	+0.43
August ..	72	39	63.0	50.8	56.9	+0.1	98	98	26	3.09	-1.41
September ..	67	40	60.8	49.0	54.9	+1.7	114	151	23	3.47	-0.64
October ..	68	30	55.2	43.2	49.2	+1.3	95	107	21	3.02	+0.16
November ..	59	24	51.3	39.8	45.5	+3.5	64	64	17	2.60	+0.51
December ..	59	22	46.6	36.4	41.5	+1.3	159	156	21	1.76	+0.42
YEAR 1948	82	22	55.1	42.0	48.5	+1.2	1,078	109	238	3.86	+0.15
ALDERGROVE											
January ..	53	22	43.0	34.6	38.8	-1.3	143	205	26	1.30	-0.06
February ..	53	25	45.0	36.1	40.5	+0.3	36	59	13	1.99	-0.17
March ..	63	31	54.3	39.8	47.1	+5.4	37	59	17	4.08	+0.49
April ..	63	30	55.1	40.3	47.7	+2.9	47	88	15	5.34	+0.24
May ..	74	28	59.5	40.5	50.0	-0.3	44	76	10	7.94	+1.89
June ..	72	36	60.5	48.2	54.3	-0.7	87	142	17	4.35	-1.53
July ..	83	39	64.2	51.4	57.8	-0.4	64	90	15	5.10	+0.22
August ..	70	40	63.5	51.1	57.3	-0.4	73	80	21	3.26	-1.16
September ..	67	34	60.2	49.5	54.9	+1.0	109	173	24	2.94	-1.14
October ..	64	31	55.5	44.8	50.1	+1.5	81	106	19	2.91	+0.18
November ..	60	25	51.8	42.1	46.9	+4.2	64	78	13	2.07	+0.14
December ..	58	24	46.2	38.3	42.3	+1.8	114	131	20	1.49	+0.18
Year 1948	83	22	54.9	43.1	49.0	+1.2	899	107	210	3.58	-0.06

\* Sunshine recorder at Hillsborough.

† Sunshine readings unreliable for the months of June, July, August and September.

NOTE—In this table the rainfall average is that for the period 1881-1915 ; the air temperature and sunshine averages relate to the period 1906-35.

# ABSTRACTS

OF BIRTHS, DEATHS, AND MARRIAGES  
REGISTERED IN NORTHERN IRELAND  
DURING THE YEAR

1948

**ABSTRACT I.—Northern Ireland : Method of Celebration of Marriages Registered, 1948.**

COUNTIES	TOTAL MARRIAGES	Roman Catholic	Presbyterian		Church of Ireland			Other Churches		In Registrars' Offices	Jewish	Society of Friends
			By Licence	By Special Licence	By Licence	After Banns	By Special Licence	By Licence	By Special Licence			
NORTHERN IRELAND	9,380	2,624	2,864	63	2,229	69	16	751	26	709	7	2
BELFAST CO. BOROUGH	3,706	752	1,090	20	885	31	5	461	13	442	7	.
LONDONDERRY Co. BOROUGH	388	231	66	1	65	3	.	10	.	12	.	.
ANTRIM ..	1,492	291	674	21	296	10	3	100	5	92	.	.
ARMAGH ..	674	270	101	1	213	2	4	57	4	21	.	1
DOWN ..	1,483	405	548	8	348	14	2	60	4	93	.	1
FERMANAGH ..	281	142	9	.	99	3	.	22	.	6	.	.
LONDONDERRY ..	622	199	208	12	158	4	2	18	.	21	.	.
TYRONE ..	714	334	168	.	165	2	.	23	.	22	.	.

**ABSTRACT II.—Northern Ireland : Marriages Registered in each Quarter and Conjugal Condition of Persons contracting Marriages, 1948.**

COUNTIES	TOTAL MARRIAGES	Total Marriages Registered in the Quarter ended the last day of				MARRIAGES					
		March	June	September	December	Contracted between				Of	
						Bachelors and Spinsters	Bachelors and Widows	Widowers and Spinsters	Widowers and Widows	Widowers	Widows
NORTHERN IRELAND	9,360	2,150	2,158	2,972	2,080	8,658 <sup>a</sup>	186 <sup>b</sup>	361 <sup>c</sup>	155	516	341
BELFAST CO. BOROUGH	3,706	930	782	1,181	813	3,411	84	134	77	211	161
LONDONDERRY Co. BOROUGH	388	89	81	140	78	371	8	6	3	9	11
ANTRIM ..	1,492	315	352	468	359	1,394	28	53	17	70	45
ARMAGH ..	674	157	163	208	148	616	18	27	15	40	31
DOWN ..	1,483	311	402	462	308	1,361	26	67	29	96	55
FERMANAGH ..	281	54	87	90	50	254	3	18	6	24	9
LONDONDERRY ..	622	148	125	193	156	578	13	25	6	31	19
TYRONE ..	714	146	166	232	170	669	10	31	4	35	14

(a) Including 91 divorced men who married spinsters, 62 divorced women who married bachelors, and 11 divorced men who married divorced women.

(b) Including 9 divorced men who married widows.

(c) Including 8 divorced women who married widowers.

**ABSTRACT III.—Northern Ireland : Ages of Men at Marriage, 1948.**

COUNTIES	Average Age	All Ages	Under 16 Years	16—	17—	18—	19—	20—	Under 21 Years	21—	25—	30—	35—	40—	45—	50—	55—	60—	65—	70—	75—	80 and upwards	Not stated
<b>NORTHERN IRELAND</b>	30.37	9,360	.	.	10	36	99	259	404	2,470	2,883	1,495	878	417	293	138	123	68	44	31	12	1	103
BELFAST CO. BOROUGH	29.14	3,706	.	.	2	17	58	109	186	1,224	1,158	508	258	118	84	45	50	29	12	12	4	.	18
LONDONDERRY Co. BOROUGH ..	28.70	388	.	.	1	1	2	18	22	110	143	54	22	18	12	2	2	.	1	.	.	.	2
ANTRIM ..	30.15	1,492	.	.	3	8	14	47	72	399	463	242	141	56	43	26	17	8	8	5	2	.	10
ARMAGH ..	31.26	674	.	.	1	3	9	14	27	158	191	115	85	34	23	6	11	3	5	6	2	.	8
DOWN ..	31.77	1,483	.	.	3	3	10	27	43	296	473	272	164	78	64	28	16	19	9	5	3	1	12
FERMANAGH ..	34.05	281	.	.	.	.	1	1	2	36	74	51	40	33	11	7	8	1	2	1	.	15	
LONDONDERRY ..	31.41	622	.	.	.	3	3	25	31	133	188	94	74	33	32	11	7	4	4	1	1	.	9
TYRONE ..	32.22	714	.	.	.	1	2	18	21	114	193	159	94	47	24	13	12	4	3	1	.	.	29

**ABSTRACT IV.—Northern Ireland : Ages of Women at Marriage, 1948.**

COUNTIES	Average Age	All Ages	Under 16 Years	16—	17—	18—	19—	20—	Under 21 Years	21—	25—	30—	35—	40—	45—	50—	55—	60—	65—	70—	75—	80 and upwards	Not stated
<b>NORTHERN IRELAND</b>	26.77	8,360	3	32	133	355	527	649	1,699	3,160	2,264	1,007	497	277	151	93	44	29	13	7	.	2	117
BELFAST CO. BOROUGH	26.26	3,706	.	11	45	148	240	285	729	1,382	858	323	154	104	54	35	24	13	5	2	.	.	23
LONDONDERRY Co. BOROUGH ..	26.19	388	.	.	7	14	19	28	68	130	110	45	18	10	3	1	.	.	1	.	.	.	2
ANTRIM ..	26.54	1,492	.	3	26	83	80	95	287	500	369	160	78	33	28	16	6	4	1	1	.	.	9
ARMAGH ..	27.16	674	.	3	7	24	28	36	98	233	165	80	40	16	9	10	3	2	2	1	.	.	15
DOWN ..	27.79	1,483	.	10	15	34	75	104	238	438	393	177	94	58	32	20	5	8	4	1	.	1	14
FERMANAGH ..	28.55	281	1	1	2	6	15	15	40	64	63	51	29	8	3	5	2	1	.	.	.	.	15
LONDONDERRY ..	26.88	622	1	4	20	15	31	46	117	198	135	83	35	24	14	2	1	1	.	1	.	.	11
TYRONE ..	27.04	714	1	.	11	31	39	40	122	215	171	88	49	24	8	4	3	.	.	1	.	1	28

ABSTRACT V.—Northern Ireland : Ages in Combination of Men and Women at Marriage, 1948.

		AGES OF WIVES																			Total Husbands	
		Under 16 Years	16—	17—	18—	19—	20—	21—	25—	30—	35—	40—	45—	50—	55—	60—	65—	70—	75—	80 and over		
Ages of Husbands	Under 16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	Under 16
	16—	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	16—
	17—	2	2	2	2	2	2	2	1	.	.	.	.	.	.	.	.	.	.	.	10	17—
	18—	4	6	11	5	4	5	1	.	.	.	.	.	.	.	.	.	.	.	.	36	18—
	19—	2	8	22	26	16	21	3	1	.	.	.	.	.	.	.	.	.	.	.	99	19—
	20—	3	19	44	51	44	80	14	3	.	1	.	.	.	.	.	.	.	.	.	259	20—
	21—	2	18	70	176	277	335	1,222	321	43	4	1	.	.	.	.	.	.	.	.	1	21—
	25—	.	2	23	76	134	184	1,246	985	187	34	6	.	.	.	.	.	.	.	.	6	25—
	30—	.	1	4	15	24	39	409	577	325	69	23	2	2	.	.	.	.	.	.	5	30—
	35—	1	.	.	7	5	16	114	237	256	177	48	9	4	.	.	.	.	.	.	4	35—
	40—	.	.	.	.	2	3	36	68	116	92	76	17	4	1	1	.	.	.	.	1	40—
	45—	.	.	1	.	.	4	15	39	50	72	56	44	8	3	.	.	.	.	.	1	45—
	50—	.	.	.	1	.	2	3	11	14	27	31	26	20	3	.	.	.	.	.	1	50—
	55—	.	.	.	1	.	1	2	7	6	11	21	25	24	13	8	3	.	.	.	1	55—
	60—	.	.	.	.	.	.	2	4	3	10	16	12	12	6	8	1	.	.	.	1	60—
	65—	.	.	.	.	.	.	1	1	3	2	7	7	6	8	5	4	.	.	.	1	65—
	70—	.	.	.	.	.	.	.	.	1	2	1	4	10	3	4	2	2	.	1	1	70—
	75—	.	.	.	.	.	.	.	.	.	1	1	1	2	3	.	2	1	.	.	1	75—
	80 and over	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	80 and over
	Not stated	.	.	.	.	1	1	2	.	1	2	.	.	.	.	.	.	.	.	96	103	Not stated
Total Wives	3	32	133	355	527	649	3,160	2,284	1,007	497	277	151	93	44	29	13	7	.	2	117	9,360	

**ABSTRACT VI.—Northern Ireland : Births in each of the Four Quarters, 1948.**  
(exclusive of still-born children).

COUNTIES	PERSONS					MALES					FEMALES				
	Total	Quarter ended the last day of				Total	Quarter ended the last day of				Total	Quarter ended the last day of			
		March	June	Sept.	Dec.		March	June	Sept.	Dec.		March	June	Sept.	Dec.
<b>NORTHERN IRELAND</b> ..	29,532	7,412	8,030	7,262	6,828	15,263	3,759	4,158	3,785	3,561	14,269	3,653	3,872	3,477	3,267
BELFAST CO. BOROUGH ..	9,744	2,542	2,668	2,282	2,252	5,066	1,341	1,387	1,190	1,148	4,678	1,201	1,281	1,092	1,104
LONDONDERRY CO. BOROUGH ..	1,345	329	369	348	299	716	171	206	179	160	629	158	163	169	139
ANTRIM ..	4,456	1,043	1,205	1,174	1,034	2,298	514	640	601	543	2,158	529	565	573	491
ARMAGH ..	2,457	589	667	617	584	1,285	272	362	341	310	1,172	317	305	276	274
DOWN ..	4,714	1,185	1,283	1,166	1,080	2,428	602	643	599	584	2,286	583	640	567	496
FERMANAGH ..	1,257	306	353	325	273	612	143	164	162	143	645	163	189	163	130
LONDONDERRY ..	2,513	647	665	604	597	1,296	337	346	303	310	1,217	310	319	301	287
TYRONE ..	3,046	771	820	746	709	1,562	379	410	410	363	1,484	392	410	336	346

**ABSTRACT VII.—Northern Ireland : Deaths in each of the Four Quarters, 1948.**

COUNTIES	PERSONS					MALES					FEMALES				
	Total	Quarter ended the last day of				Total	Quarter ended the last day of				Total	Quarter ended the last day of			
		March	June	Sept.	Dec.		March	June	Sept.	Dec.		March	June	Sept.	Dec.
<b>NORTHERN IRELAND</b> ..	15,125	4,313	3,817	3,323	3,672	7,728	2,189	1,964	1,685	1,890	7,397	2,124	1,853	1,638	1,782
BELFAST CO. BOROUGH ..	4,684	1,299	1,208	993	1,184	2,403	668	629	496	610	2,281	631	579	497	574
LONDONDERRY CO. BOROUGH ..	508	170	121	105	112	260	91	57	49	63	248	79	64	56	49
ANTRIM ..	2,393	695	589	542	567	1,179	330	276	290	283	1,214	365	313	252	284
ARMAGH ..	1,334	376	359	287	312	671	183	196	145	147	663	193	163	142	165
DOWN ..	2,718	759	683	597	679	1,369	387	358	291	333	1,349	372	325	306	346
FERMANAGH ..	652	191	146	158	157	359	108	84	79	88	293	83	63	79	69
LONDONDERRY ..	1,198	352	279	281	286	640	190	145	155	150	558	162	134	126	136
TYRONE ..	1,638	471	432	360	375	847	232	219	180	216	791	239	213	180	159

**ABSTRACT VIII.—Counties and Principal Towns.**  
**(ii) Total Births and Deaths,**

Short List Nos.	CAUSES OF DEATH Etc.	NORTHERN IRELAND		NORTHERN IRELAND				COUNTIES			
				TOTAL URBAN AREAS		TOTAL RURAL AREAS		ANTRIM		ARMAGH	
		M	F	M	F	M	F	M	F	M	F
	ALL CAUSES .. ..	7,728	7,397	3,922	3,880	3,806	3,517	1,179	1,214	671	663
1	Typhoid and paratyphoid fevers .. ..	2	3	.	2	2	1	1	.	1	.
2	Cerebro-spinal fever .. ..	12	7	7	4	5	3	2	2	.	.
3	Scarlet fever .. ..	2	1	2	.	.	1	2	.	.	.
4	Whooping cough .. ..	26	23	12	10	14	13	3	6	2	2
5	Diphtheria .. ..	4	3	3	2	1	1	.	.	.	1
6	Tuberculosis of respiratory system .. ..	371	340	230	207	141	133	47	53	30	22
7	Other forms of tuberculosis .. ..	121	100	61	52	60	48	18	15	11	18
8	Syphilitic disease .. ..	44	12	30	11	14	1	7	2	2	.
9	Influenza .. ..	37	39	11	11	26	28	8	6	.	5
10	Measles .. ..	10	12	7	7	3	5	.	1	.	.
11	Acute poliomyelitis and poli-encephalitis .. ..	2	.	.	.	2	.	.	.	.	.
12	Acute infectious encephalitis .. ..	10	6	4	5	6	1	1	.	1	1
13-16	Cancer and other malignant tumours .. ..	933	1,030	504	585	429	445	154	174	80	82
17	Diabetes .. ..	34	62	12	35	22	27	4	12	3	7
18	Intra-cranial vascular lesions .. ..	634	925	304	472	330	453	84	164	71	81
19	Heart disease .. ..	2,229	2,075	1,095	1,073	1,134	1,002	356	312	208	210
20	Other diseases of the circulatory system .. ..	217	227	126	129	91	98	37	42	18	18
21	Bronchitis .. ..	287	220	181	136	106	84	35	28	28	27
22	Pneumonia .. ..	328	295	176	169	152	126	39	38	22	21
23	Other respiratory diseases .. ..	120	88	63	51	57	37	14	11	7	8
24	Ulceration of the stomach or duodenum .. ..	79	31	42	21	37	10	7	4	6	3
25	Diarrhoea (under 2 years of age) .. ..	74	48	53	33	21	15	6	5	3	2
26	Appendicitis .. ..	26	20	13	15	13	5	4	6	3	1
27	Other digestive diseases .. ..	129	153	71	81	58	72	21	29	7	9
28	Nephritis .. ..	161	146	81	81	80	65	25	29	18	14
29	Puerperal and post-abortive sepsis .. ..	—	6	—	1	—	5	—	1	—	2
30	Other maternal causes .. ..	—	39	—	18	—	21	—	3	—	6
31	Premature birth .. ..	200	145	115	93	85	52	26	19	20	14
32	Congenital malformations, birth injury, infantile disease .. ..	276	181	135	83	141	98	45	17	28	10
33	Suicide .. ..	43	14	22	11	21	3	6	3	2	.
34	Road traffic accidents .. ..	96	27	40	17	56	10	13	4	4	2
35	Other violent causes* .. ..	178	98	102	43	76	55	32	23	11	12
36	All other causes .. ..	1,043	1,021	420	422	623	599	182	205	85	85
	Deaths under 1 year of age .. ..	810	537	433	304	377	233	110	66	68	40
	Deaths 65 years and upwards .. ..	4,215	4,423	1,877	2,203	2,338	2,220	683	782	389	397
	Uncertified deaths .. ..	228	191	80	66	148	125	23	20	13	16
	Total Births .. ..	15,263	14,269	8,216	7,658	7,047	6,611	2,298	2,158	1,285	1,172
	Illegitimate Births .. ..	543	529	259	257	284	272	86	83	33	37
	Population (Census 1937) .. ..	623,154	656,591	317,230	362,405	305,924	294,186	96,003	101,263	54,271	54,544

NOTE—The numbers given in the first column of this abstract are those of the Short International List whilst the last column shows the numbers in the Detailed International List. \*Including miscellaneous accidents.

(i) Deaths from Principal Causes in 1948.  
and other Statistics.

COUNTIES												Detailed List Nos.
BELFAST Co. BOROUGH		DOWN		FERMANAGH		LONDONDERRY		LONDONDERRY Co. BOROUGH		TYRONE		
M 2,403	F 2,281	M 1,369	F 1,349	M 359	F 293	M 640	F 558	M 260	F 248	M 847	F 791	
.	1	.	.	.	.	.	.	.	1	.	1	1,2
7	2	1	1	1	1	.	.	.	1	1	.	6
.	.	.	.	.	.	.	1	.	.	.	.	8
8	7	2	.	4	1	3	3	1	.	3	4	9
3	1	.	1	.	.	.	.	.	.	1	.	10
143	126	66	59	13	16	23	12	20	15	29	37	13
35	22	17	16	5	3	14	9	5	3	16	14	14-22
23	8	6	1	.	.	2	.	2	1	2	.	30
7	3	1	4	3	2	7	7	.	1	11	11	33
6	3	1	.	1	3	1	2	1	2	.	1	35
.	.	.	.	.	.	2	.	.	.	.	.	36
2	4	4	.	1	.	.	1	.	.	1	.	37
345	351	149	206	36	26	67	65	19	30	83	96	45-55
4	20	12	13	1	.	4	3	2	1	4	6	61
176	270	138	177	20	38	54	76	16	28	75	91	83
637	644	442	408	100	67	176	156	85	75	225	203	90-95
74	94	42	30	10	8	14	14	5	6	17	15	96-103
125	79	44	27	11	9	17	11	9	19	18	20	106
122	102	38	55	12	14	36	14	12	10	47	41	107-109
45	34	25	17	8	2	10	3	3	1	8	12	{ 104, 105, 110-114
25	16	20	3	5	1	7	2	2	1	7	1	117
44	22	5	7	3	2	8	2	3	1	2	7	119
9	9	4	2	1	.	3	.	1	1	1	1	121
43	45	24	19	3	2	10	10	5	5	16	34	{ 115, 116, 118, 120 122-129
49	42	35	27	5	9	9	8	5	8	15	9	130-132
—	.	—	3	—	.	—	.	—	.	—	.	140,147
—	13	—	5	—	3	—	3	—	.	—	6	{ 141-146 148-150
64	54	34	22	10	4	13	16	8	7	25	9	159
76	51	34	26	15	17	28	23	11	5	39	32	{ 157-158 160-161
16	6	5	1	3	.	5	1	1	1	5	2	163-164
27	12	22	5	2	.	10	1	3	.	15	3	170-171
59	20	33	23	7	5	15	6	7	.	14	9	{ 165-169 172-195 197-198
229	220	165	191	79	60	102	109	34	25	167	126	—
264	177	95	76	42	30	82	51	38	22	111	75	—
1,124	1,273	822	868	234	170	354	348	101	123	508	462	—
61	46	27	26	40	36	17	16	.	1	47	30	—
5,066	4,678	2,428	2,286	612	645	1,296	1,217	716	629	1,562	1,484	—
187	154	61	72	26	36	82	64	13	21	75	62	—
205,538	232,548	102,535	108,152	28,856	25,713	47,929	46,994	22,344	25,469	65,678	61,908	—

**ABSTRACT VIII.—(Continued)—Counties and Principal Towns.**  
**(ii) Total Deaths and Births,**

Short List Nos.	CAUSES of DEATH Etc.	TOWNS									
		Bangor M.B.		Portadown M.B.		Lurgan U.D.		Lisburn U.D.		Ballymena M.B.	
		M	F	M	F	M	F	M	F	M	F
	ALL CAUSES .. .. .	112	145	72	85	72	78	84	89	67	73
1	Typhoid and paratyphoid fevers .. .. .	.	.	.	.	.	.	.	.	.	.
2	Cerebro-spinal fever .. .. .	.	.	.	.	.	.	.	.	.	.
3	Scarlet fever .. .. .	.	.	.	.	.	.	.	.	1	.
4	Whooping cough .. .. .	.	.	.	.	.	.	1	.	1	1
5	Diphtheria .. .. .	.	.	.	.	.	.	.	.	.	.
6	Tuberculosis of respiratory system .. .. .	3	5	4	7	6	2	6	5	2	5
7	Other forms of tuberculosis .. .. .	1	2	1	2	3	1	.	2	1	1
8	Syphilitic disease .. .. .	.	.	.	.	.	.	1	.	.	.
9	Influenza .. .. .	.	.	.	.	.	2	.	.	3	.
10	Measles .. .. .	.	.	.	.	.	.	.	.	.	.
11	Acute poliomyelitis and poli-encephalitis .. .. .	.	.	.	.	.	.	.	.	.	.
12	Acute infectious encephalitis .. .. .	1	.	.	.	1	1	.	.	.	.
13—16	Cancer and other malignant tumours .. .. .	8	31	13	13	5	12	12	10	10	10
17	Diabetes .. .. .	.	1	.	.	.	.	.	1	.	4
18	Intra-cranial vascular lesions .. .. .	12	24	9	8	6	10	10	19	3	5
19	Heart disease .. .. .	47	42	17	21	15	22	25	25	22	16
20	Other diseases of the circulatory system .. .. .	4	3	1	3	4	2	2	5	3	1
21	Bronchitis .. .. .	3	7	7	1	3	2	2	4	1	2
22	Pneumonia .. .. .	2	4	3	5	3	6	5	2	1	1
23	Other respiratory diseases .. .. .	3	.	1	2	.	2	2	1	.	1
24	Ulceration of the stomach or duodenum .. .. .	2	.	.	.	1	1	1	.	1	1
25	Diarrhoea (under 2 years of age) .. .. .	.	.	.	.	1	.	.	2	.	1
26	Appendicitis .. .. .	.	.	.	.	.	1	.	.	.	.
27	Other digestive diseases .. .. .	1	3	1	2	1	2	3	.	.	1
28	Nephritis .. .. .	3	1	.	2	5	1	3	1	.	4
29	Puerperal and post-abortive sepsis .. .. .	—	.	—	1	—	.	—	.	—	.
30	Other maternal causes .. .. .	—	1	—	1	—	1	—	.	—	1
31	Premature birth .. .. .	1	4	2	1	2	3	1	2	2	2
32	Congenital malformations, birth injury, infantile disease .. .. .	2	1	2	1	3	.	2	1	4	.
33	Suicide .. .. .	2	.	.	.	.	.	.	1	1	.
34	Road traffic accidents .. .. .	1	1	1	2	1	.	.	.	.	.
35	Other violent causes* .. .. .	4	2	1	1	.	3	2	1	1	3
36	All other causes .. .. .	12	13	9	12	12	4	6	7	10	13
	Deaths under one year of age .. .. .	2	9	5	6	7	4	9	6	9	5
	Deaths 65 years and upwards .. .. .	67	107	35	37	39	44	35	49	36	43
	Uncertified Deaths .. .. .	5	2	1	1	1	.	.	.	.	.
	Total Births .. .. .	185	176	183	178	167	161	159	149	148	140
	Illegitimate Births .. .. .	4	2	9	9	3	6	4	5	8	10
	Population (Census 1937) .. .. .	6,647	9,122	5,796	6,644	6,404	7,382	5,943	7,099	6,044	6,864

\* Including Miscellaneous Accidents

(i) Deaths from Principal Causes in 1948.  
and other Statistics.

TOWNS—(Contd.)												Detailed List Nos.
Newry U.D.		Larne M.B.		Newtownards M.B.		Coleraine M.B.		Armagh U.D.		Carrickfergus U.D.		
M 90	F 85	M 64	F 74	M 45	F 51	M 67	F 55	M 55	F 50	M 46	F 41	
.	.	.	.	.	.	.	.	.	.	.	.	1, 2
.	.	.	.	.	.	.	.	.	.	.	.	6
.	.	1	.	.	.	.	.	.	.	.	.	8
.	.	.	1	.	.	.	.	.	.	.	.	9
.	.	.	.	.	1	.	.	.	.	.	.	10
6	11	2	6	2	2	4	.	3	3	2	2	13
.	.	2	.	.	1	1	.	2	.	.	1	14—22
.	.	1	1	.	.	.	.	.	.	1	.	30
.	.	.	.	.	.	.	1	.	.	.	.	33
.	.	.	.	.	.	.	.	.	.	.	1	35
.	.	.	.	.	.	.	.	.	.	.	.	36
.	.	.	.	.	.	.	.	.	.	.	.	37
7	13	10	16	5	8	9	8	5	4	6	2	45—55
1	.	.	1	1	.	1	.	1	.	1	.	61
6	9	2	7	2	5	3	9	5	8	1	5	83
26	21	16	17	18	20	21	20	19	20	15	15	90—95
5	1	1	1	3	.	1	.	3	1	2	1	96—103
10	2	4	4	1	.	2	1	2	.	3	.	106
7	5	2	5	1	2	2	.	.	1	1	1	107—109
2	.	.	.	.	1	1	1	1	.	1	1	{ 104, 105, 110—114
.	.	.	.	.	.	2	1	1	.	1	1	117
.	1	1	.	1	.	2	.	.	.	.	.	119
1	1	1	1	.	.	.	.	.	.	.	.	121
1	3	1	2	1	1	2	1	.	1	2	1	{ 115, 116, 118, 120, 122—129
2	.	1	3	1	.	1	2	.	1	1	1	130—132
—	.	—	.	—	.	—	.	—	.	—	.	140, 147
—	.	—	.	—	.	—	.	—	.	—	.	{ 141—146, 148—150
3	2	3	2	1	2	3	6	1	.	.	.	159
2	.	5	2	.	3	1	1	2	.	.	.	{ 157, 158, 160—161
.	.	.	.	.	.	2	.	.	.	.	1	163, 164
1	.	.	.	2	.	.	.	.	.	.	.	170, 171
4	3	4	2	.	.	2	.	.	.	3	.	{ 165—169, 172—195, 197, 198
6	13	7	3	6	5	7	4	10	11	6	8	—
9	5	13	7	4	8	8	8	5	1	1	.	—
38	44	26	46	23	27	33	34	29	37	24	22	—
.	1	1	2	1	2	2	.	2	1	.	.	—
171	171	141	146	110	101	117	111	85	87	54	59	—
2	2	.	8	5	2	8	11	1	1	4	.	—
5,932	6,814	5,067	6,023	4,835	5,711	4,293	4,887	3,563	3,501	2,060	2,339	—

## ABSTRACT IX.—Northern Ireland : Causes

Inter- mediate List Nos.	CAUSES OF DEATH	AGES AT													
		ALL AGES	Un- der 1 day	1 day and less than 7 days	1-4 wks.	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.	Total under 1 year	1-	2-	3-	4-	Total under 5 years
	TOTAL DEATHS (ALL CAUSES)	M* 7,728 F 7,397	160 125	170 99	85 60	78 57	72 45	140 83	105 68	810 537	85 77	33 32	20 22	18 10	966 678
1-17	I Infective and Parasitic Diseases	M 672 F 562	.	2 1	5 2	7 9	9 2	16 5	23 21	62 40	27 25	8 12	5 7	4 2	106 86
18-24	II Cancer and other Tumours	M 961 F 1,060	.	.	.	.	.	.	.	.	1 1	1 2	2 2	2 .	6 5
25-30	III Rheumatism, Diseases of Nutrition and of the Endocrine Glands, other General Diseases and Vitamin-deficiency Diseases	M 104 F 150	.	.	1 .	.	1 2	2 1	3 2	7 5	2 1	1 .	.	1 .	11 7
31,32	IV Diseases of the Blood and Blood-forming Organs	M 54 F 61	.	.	.	.	1 .	.	.	1 .	1 1	1 .	1 .	2 .	6 1
33,34	V Chronic Poisoning and Intoxication	M 4 F .	.	.	.	.	.	.	.	.	.	.	.	.	.
35-41	VI Diseases of the Nervous System and Sense Organs	M 751 F 1,033	.	2 .	4 1	4 6	3 2	9 3	7 3	29 15	7 8	2 1	.	1 1	39 25
42,48	VII Diseases of the Circulatory System	M* 2,446 F 2,302	.	.	.	.	1 .	.	.	1 .	2 .	1 .	.	1 .	3 3
49-52	VIII Diseases of the Respiratory System	M 735 F 603	1 .	2 4	17 12	27 20	19 17	45 30	49 26	160 109	20 24	6 4	2 2	1 3	189 142
53-60	IX Diseases of the Digestive System	M 308 F 252	.	2 .	3 5	12 8	8 9	35 18	13 9	73 49	13 5	7 2	.	1 .	93 57
61-67	X Diseases of the Urinary and Genital Systems (not Venereal or connected with Pregnancy or the Puerperium)	M 369 F 174	.	.	.	.	1 .	1 .	.	1 1	.	.	1 .	1 .	3 4
68-72	XI Diseases of Pregnancy Childbirth and the Puerperal State	F 45	.	.	.	.	.	.	.	.	.	.	.	.	.
73	XII Diseases of the Skin and Cellular Tissue	M 6 F 2	.	.	1 .	.	.	3 .	.	4 .	.	1 .	.	.	5 .
74	XIII Diseases of the Bones and Organs of Movement	M 6 F 5	.	.	.	1 .	.	.	.	1 .	.	.	.	.	1 .
75	XIV Congenital Malformations	M 111 F 82	17 13	23 18	10 12	14 5	18 4	7 12	3 1	92 65	1 4	.	3 2	3 1	99 74
76-79	XV Diseases peculiar to the First Year of Life	M 365 F 244	141 111	139 75	42 27	11 8	9 7	20 10	3 6	365 244	— —	— —	— —	— —	365 244
80	XVI Senility, Old Age	M 477 F 654	.	.	.	.	.	.	.	.	.	.	.	.	.
81-86	XVII Violent or Accidental Deaths	M 317 F 139	1 1	.	2 1	2 1	3 .	2 .	3 2	13 5	11 3	6 7	6 7	2 3	38 25
87	XVIII Ill-defined Causes of death	M 42 F 29	.	1 .	.	.	.	1 .	2 .	.	2 1	.	.	.	2 5

\* Including the death of one male for whom no age was stated.

of Death at different Age-Periods, 1948.

DEATH																				95 and upwards	Detailed List Nos.
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-				
47	46	85	92	112	123	143	189	274	378	458	599	841	1,133	1,088	707	319	99	28	M		
39	41	86	107	101	143	161	181	237	300	359	541	751	1,130	1,105	796	432	157	52	F		
9	9	36	54	45	54	45	35	45	50	48	46	44	29	13	2		2		M	1-44	
9	13	56	72	55	66	40	27	20	17	17	22	23	17	15	2	2		3	F		
.	1	3	2	6	8	19	28	47	74	79	129	163	176	138	59	20	2	1	M	45-57	
3	1	1	4	7	16	26	47	65	94	110	124	153	154	137	78	26	8	1	F		
5	6	4	1	3	6	3	1	6	9	6	7	14	10	7	3	1	1		M	58-71	
3	4	6	2	1	2	5	6	5	9	8	23	14	25	17	10	2	1		F		
3	1	1	.	1	1	4	3	3	8	2	3	4	7	2	3	1	1		M	72-76	
2	1	4	.	1	1	2	.	.	4	8	10	7	9	7	3	1	.		F		
.	.	.	.	.	.	.	1	.	1	.	.	.	1	1	.	.	.		M	77-79	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		F	
4	3	3	2	4	6	10	12	17	37	50	70	98	147	140	69	31	6	3	M	80-89	
3	3	3	7	5	4	16	9	39	51	68	100	156	209	166	112	43	12	2	F		
.	2	5	2	9	14	24	50	78	113	168	214	338	485	449	314	129	42	6	M	90-103	
1	6	4	8	10	15	31	39	56	77	93	191	276	476	455	306	175	61	19	F		
3	6	9	1	9	6	7	14	23	32	45	51	80	89	94	41	30	5	1	M	104-114	
5	3	4	4	6	6	8	18	13	22	17	29	56	91	73	67	28	10	1	F		
7	3	4	3	4	9	4	11	19	18	24	23	19	30	23	10	3		1	M	115-129	
4	3	4	1	5	6	8	11	14	12	15	9	25	29	32	12	4	1		F		
1	2	5	3	4	1	2	9	10	14	20	30	40	65	86	45	21	7	1	M	130-139	
1	2	3	2	2	5	9	9	16	7	15	21	18	23	25	8	4			F		
.	.	.	3	4	15	13	9	1	.	.	.	.	.	.	.	.	.		F	140-150	
.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.		M	151-153	
.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.		F		
.	.	.	.	1	1	.	1	.	.	.	.	.	1	.	1	.	.		M	154-156	
1	.	.	.	.	.	.	1	.	.	.	.	.	1	2	.	.	.		F		
2	1	.	2	1	1	2	.	.	1	.	.	.	2	.	.	.	.		M	157	
2	1	.	.	.	.	2	1	1	.	1	.	.	.	.	.	.	.		F		
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		M	158-161	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		F		
.	.	.	.	.	.	.	.	.	.	.	4	13	70	120	146	77	32	15	M	162	
.	.	.	.	.	.	.	.	.	.	.	2	10	80	157	177	141	61	26	F		
12	11	15	22	23	16	21	21	22	14	11	17	19	20	14	14	6	1		M	163-195	
5	4	1	3	5	4	1	4	7	4	3	5	5	15	18	6	3			F	197, 198	
1	1	.	.	2	.	2	3	4	6	5	5	9	1	1	.	.			M	199, 200	
.	.	.	.	.	2	.	.	.	3	4	5	8	1	1	.	.			F		

## ABSTRACT IX.—(Continued)—Northern Ireland : Causes

Inter- mediate List Nos.	CAUSES OF DEATH	AGES AT													
		ALL AGES	Un- der 1 day	1 day and less than 7days	1-4 wks.	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.	Total under 1 year	1-	2-	3-	4-	Total under 5 years
1-17	<i>I. Infective and Parasitic Diseases</i>														
1	Typhoid and Paratyphoid fevers	M F	2 3	.	.	.	.	.	.	.	.	.	.	.	.
2	Plague .. .. .	M F	.	.	.	.	.	.	.	.	.	.	.	.	.
3	Scarlet Fever .. .. .	M F	2 1	.	.	.	.	.	.	.	.	.	.	.	.
4	Whooping cough .. .. .	M F	26 23	.	.	1 1	2 5	5 1	4 2	7 6	19 15	6 5	.	1 1	25 23
5	Diphtheria .. .. .	M F	4 3	.	.	.	1	.	1	1	2 1	.	1 1	1 1	4 2
6	Tuberculosis of the respiratory system .. .. .	M F	371 340	.	.	.	.	.	.	.	1 1	1 1	.	1 1	2 3
	Tuberculosis of the meninges and central nervous system	M F	57 49	.	.	.	1	1	2 1	6 10	10 12	9 8	5 7	2 3	29 28
7	Tuberculosis of the intestines and peritoneum	M F	16 18	.	.	.	.	.	1	.	1	2	1	.	4 1
	All other forms of tuberculosis .. .. .	M F	48 33	.	.	.	.	.	.	5 1	5 1	2 2	1	1	9 5
8	Purulent infection and septicaemia (non-puerperal) .. .. .	M F	9 5	.	1	1	.	.	.	.	2 1	.	.	1	2 2
9	Dysentery .. .. .	M F	2	.	.	.	1	.	.	.	1	.	.	.	1
10	Malaria .. .. .	M F	.	.	.	.	.	.	.	.	.	.	.	.	.
11	Syphilis .. .. .	M F	44 12	.	.	1 1	1	1	1	.	4 1	.	.	.	4 1
12	Influenza .. .. .	M F	37 39	.	1	1	1	.	2	1	5 4	1	.	.	5 5
13	Smallpox .. .. .	M F	.	.	.	.	.	.	.	.	.	.	.	.	.
14	Measles .. .. .	M F	10 12	.	.	.	1	.	2	3 1	5 2	4 4	3	.	9 9
15	Typhus fever .. .. .	M F	.	.	.	.	.	.	.	.	.	.	.	.	.
16	Diseases due to helminths .. .. .	M F	.	.	.	.	.	.	.	.	.	.	.	.	.
17	Other infective or parasitic diseases .. .. .	M F	44 24	.	.	1	1	2	3	1 1	8 2	3 3	.	1 1	12 7

of Death at different Age-Periods, 1948.

DEATH																	95 and up- wards	Detailed List Nos.		
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-			90-	
.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	M	1, 2
.	.	.	1	.	.	.	1	.	.	.	.	.	.	1	.	.	.	.	F	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	3
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F	
1	.	.	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	M	8
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	9
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	10
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F	
1	1	19	40	32	38	36	27	31	38	28	32	28	14	3	2	.	.	M	13	
.	2	41	66	49	57	35	18	18	14	10	13	5	6	2	.	.	.	F		
5	5	5	2	4	4	.	.	2	1	.	.	.	.	.	.	.	.	M	14	
4	7	5	.	2	2	1	.	.	.	.	.	.	.	.	.	.	.	F		
.	.	5	1	1	1	2	1	.	1	.	.	.	.	.	.	.	.	M	15	
.	1	3	1	1	3	1	.	.	1	1	2	1	2	.	.	.	.	F		
.	1	1	6	6	6	3	3	3	1	3	2	2	2	.	.	.	.	M	16-22	
1	2	5	2	1	2	.	4	.	.	.	8	.	.	.	.	.	.	F		
.	.	1	.	.	.	.	1	.	2	1	1	1	1	.	.	.	.	M	24	
.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	F		
.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	M	27	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F		
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	28	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F		
.	.	1	.	1	.	2	2	6	5	7	8	5	3	2	.	.	.	M	30	
.	.	.	1	.	2	2	3	1	.	.	.	1	1	1	.	.	.	F		
.	1	1	1	1	1	1	.	1	1	5	1	5	9	4	.	.	2	M	33	
.	.	.	.	1	.	.	.	.	.	.	4	6	6	9	2	2	.	F		
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	34	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F		
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	35	
1	1	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	F		
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	39	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F		
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M	40-42	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F		
1	1	4	4	1	3	2	1	.	2	4	2	3	.	4	.	.	.	M	4-7, 11, 12, 23, 25, 26, 29, 31, 32, 36, 37, 38, 43, 44	
.	.	1	.	1	.	1	1	1	2	2	3	2	1	2	.	.	.	F		



of Death at different Age-Periods, 1948.

DEATH																95 and upwards	Detailed List Nos.		
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-			85-	90-
.	.	1	.	.	.	1	1	2	4	4	7	9	12	14	6	3	.	.	M } 45 F }
.	.	.	.	5	7	6	14	23	33	34	75	88	99	84	28	11	1	1	M } 46 F }
.	.	.	1	.	2	3	10	18	36	46	54	84	90	82	49	15	5	1	M } 47 F }
.	.	.	.	.	1	4	6	11	26	21	25	30	12	6	1	1	.	.	M } 48 F }
.	.	.	.	2	4	6	7	12	12	10	21	10	8	8	6	4	.	.	F } 48
.	.	.	.	1	4	9	15	17	21	15	23	16	15	12	10	2	1	.	M } 50 F }
2	1	2	1	1	3	8	5	9	10	15	17	29	51	33	22	5	.	M } 49, 51-55 F }	
1	.	.	1	1	1	4	2	2	1	4	5	7	1	3	1	1	1	M } 56, 57 F }	
3	6	3	1	3	5	1	3	3	3	2	2	1	1	1	1	.	.	M } 58 F }	
2	4	4	1	1	.	1	.	1	1	3	2	3	3	5	2	1	1	M } 59, 60 F }	
.	.	.	.	.	.	.	.	1	1	2	5	3	6	8	8	2	.	M } 61 F }	
.	.	1	.	.	1	1	2	2	5	3	2	9	4	4	1	1	1	M } 63 F }	
.	.	.	.	.	1	.	1	1	2	1	5	1	2	1	.	.	.	M } 62, 64-66 F }	
2	.	2	1	.	1	1	.	.	1	1	.	1	.	.	.	.	.	M } 67-71 F }	
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 73 F }
3	1	1	.	1	1	4	2	2	1	1	2	.	2	1	.	.	.	M } 72, 74-76 F }	
2	1	2	.	1	.	2	.	.	3	2	2	2	1	1	.	.	.	.	M } 77 F }
.	.	.	.	.	.	.	1	.	1	.	.	.	.	1	.	.	.	.	M } 78, 79 F }

## ABSTRACT IX.—(Continued)—Northern Ireland : Causes

Inter- mediate List Nos.	CAUSES OF DEATH	AGES AT													
		ALL AGES	Un- der 1 day	1 day and less than 7days	1-4 wks.	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.	Total under 1 year	1-	2-	3-	4-	Total under 5 years
35-41	<i>VI. Diseases of the Nervous System and Sense Organs</i>														
35	Non-meningococcal meningitis..	M 14 F 11	.	.	.	1	1	.	3	1	4	2	1	.	5
36	Diseases of the medulla and spinal cord, other than locomotor ataxia	M 19 F 11	.	.	.	.	.	.	.	.	.	.	.	.	.
37	Intra-cranial lesions of vascular origin	M 634 F 925	.	.	.	.	.	.	.	.	2	.	.	.	2
38	Mental disorders and deficiency	M 7 F 9	.	.	.	.	.	.	1	1	2	1	.	.	2
39	Epilepsy	M 23 F 18	.	.	.	.	.	.	.	.	1	.	.	.	1
40	Other diseases of the nervous system	M 48 F 54	.	2	4	4	3	8	4	25	9	1	1	1	28
41	Diseases of the eye, ear and their annexa	M 6 F 5	.	.	.	1	.	.	1	2	1	.	.	.	2
42-48	<i>VII. Diseases of the Circulatory System</i>														
42	Pericarditis (including chronic rheumatic pericarditis)	M 5 F 1	.	.	.	.	.	.	1	1	.	.	.	.	1
43	Chronic affections of the valves and endocardium	M 146 F 202	.	.	.	.	.	.	.	.	.	.	.	.	.
44	Diseases of the myocardium including aneurysm of the heart	M* 1,211 F 1,332	.	.	.	.	.	.	.	.	1	.	.	1	1
45	Diseases of the coronary arteries and angina pectoris	M 673 F 359	.	.	.	.	.	.	.	.	.	.	.	.	.
46	Other diseases of the heart	M 194 F 181	.	.	.	.	1	.	.	1	.	.	.	.	1
47	Arteriosclerosis and gangrene	M 123 F 101	.	.	.	.	.	.	.	.	.	.	.	.	.
48	Other diseases of the circulatory system	M 94 F 126	.	.	.	.	.	.	.	.	1	1	.	.	2
49-52	<i>VIII: Diseases of the Respiratory System</i>														
49	Bronchitis	M 287 F 220	.	.	1	.	1	4	3	9	.	4	.	.	13
50	Pneumonia and broncho-pneumonia	M 328 F 295	1	2	16	25	18	40	19	147	19	2	2	.	170
51	Pleurisy (non-tuberculous)	M 7 F 9	.	.	1	.	.	.	.	1	.	.	.	.	1
52	Other diseases of the respiratory system, except tuberculosis	M 113 F 79	.	.	.	2	.	1	1	4	1	.	.	1	6

\* Including the death of one male for whom no age was stated.

of Death at different Age-Periods, 1948.

DEATH																	95 and upwards	Detailed List Nos.	
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-			90-
2	.	1	.	.	1	.	2	.	.	1	1	.	1	.	.	.	.	M	81
.	.	.	1	.	.	.	.	.	1	.	.	1	.	.	.	.	.	F	81
.	.	.	.	1	.	1	2	.	3	4	2	2	1	2	1	.	.	M	82
.	.	.	.	1	.	1	1	1	1	1	2	1	.	1	.	.	.	F	82
.	1	.	1	.	.	6	7	12	27	39	64	91	143	134	67	31	6	M	83
.	.	1	3	1	2	6	6	28	43	58	94	152	203	162	110	43	11	F	83
.	.	.	.	2	1	1	.	.	2	1	1	.	.	.	.	.	.	M	84
.	.	.	.	1	.	.	.	.	.	1	1	.	.	.	.	.	.	F	84
2	2	1	1	2	1	1	1	1	2	3	.	3	1	2	.	.	.	M	85
.	1	.	.	2	.	6	.	3	.	1	.	1	1	1	.	.	1	F	85
2	1	2	1	1	3	3	2	3	4	4	2	2	1	1	1	.	.	M	80, 86, 87
.	.	.	.	.	2	.	.	.	4	4	7	3	1	5	2	.	.	F	80, 86, 87
1	1	.	.	.	.	1	.	1	.	.	.	.	.	.	1	.	.	M	88, 89
.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	F	88, 89
.	1	.	.	.	1	.	.	1	1	.	.	.	.	1	.	.	.	M	90
.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	F	90
.	1	2	1	5	5	9	8	8	11	8	8	18	25	22	11	3	1	M	92
1	3	2	3	7	9	8	12	17	13	16	18	22	32	18	10	8	1	F	92
.	.	1	.	1	.	5	6	16	29	56	84	145	256	264	219	94	29	M	93
.	3	.	1	1	2	4	10	17	28	35	75	132	276	319	229	135	50	F	93
.	.	.	1	1	2	7	23	42	55	80	84	108	122	95	40	11	2	M	94
.	.	.	.	3	4	4	3	8	25	21	54	65	81	54	30	9	2	F	94
.	.	2	2	2	3	8	6	6	8	14	17	33	40	27	22	5	2	M	91, 95
.	.	2	2	1	1	7	6	8	6	9	23	25	40	23	17	6	3	F	91, 95
.	.	.	.	.	.	.	2	.	2	2	12	17	26	26	16	14	6	M	97, 98
.	.	.	.	.	.	1	.	.	3	2	8	14	21	27	11	8	5	F	97, 98
.	.	.	.	.	4	7	3	5	8	8	9	17	16	14	6	2	2	M	96, 99-103
.	.	.	2	1	.	7	7	6	2	10	13	18	26	14	9	9	.	F	96, 99-103
.	.	1	1	2	1	2	4	8	16	26	29	51	46	49	17	19	3	M	106
.	.	1	1	2	1	3	5	4	10	8	13	32	38	39	32	17	7	F	106
2	3	5	1	4	2	4	4	5	7	9	12	16	26	30	18	9	1	M	107-109
3	3	2	1	4	3	3	8	4	3	6	7	15	40	27	26	7	2	F	107-109
1	.	.	2	.	.	.	2	1	.	1	.	.	1	1	.	.	.	M	110
.	.	.	.	.	.	.	1	.	2	.	2	.	.	.	.	.	.	F	110
1	3	3	.	5	2	1	4	9	9	9	10	13	16	14	6	2	1	M	104, 105
.	.	1	.	.	2	2	4	5	7	3	7	9	13	6	9	4	1	F	111-114



of Death at different Age-Periods, 1948.

DEATH																		95 and upwards	Detailed List Nos.	
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-			
.	.	.	1	2	5	.	2	10	10	7	8	11	14	6	2	1	.	M	117	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F	119	
1	.	1	.	.	2	1	2	1	2	3	2	1	3	1	1	1	.	M	120	
1	.	1	.	.	2	1	2	1	3	3	2	3	3	4	2	.	.	F	121	
2	2	2	2	2	1	1	1	3	2	1	4	3	1	2	3	.	.	M	122	
2	1	1	1	1	2	3	2	2	1	3	6	5	1	10	12	3	.	F	124	
1	.	1	.	.	1	3	2	1	3	2	4	2	1	6	8	3	.	M	125-127	
1	1	.	1	.	1	2	2	3	5	4	2	2	8	8	4	1	.	F	115, 116, 118, 123, 128, 129	
1	1	.	1	.	.	.	2	1	1	4	2	2	3	4	1	2	.	M		
1	2	5	3	4	1	1	8	8	12	11	20	18	25	20	11	8	1	M	130-132	
1	2	3	1	1	4	7	6	12	3	14	21	18	22	21	6	2	.	F	133	
.	.	.	.	1	1	1	1	2	1	2	4	1	2	2	5	1	.	M	134	
.	.	.	.	.	.	.	2	1	.	.	.	.	.	.	.	.	.	F	135	
.	.	.	.	.	.	1	.	.	.	.	.	3	2	2	2	.	.	M	136	
.	.	.	.	.	.	.	.	1	.	1	1	1	.	.	1	.	.	F	137	
.	.	.	.	.	.	.	.	.	.	6	5	17	36	62	26	13	5	M	138, 139	
.	.	.	1	.	.	.	.	1	1	1	.	.	.	.	.	.	.	F	142-145	
.	.	.	.	.	4	4	3	.	.	.	.	.	.	.	.	.	.	F	141	
.	.	.	.	.	.	2	1	.	.	.	.	.	.	.	.	.	.	F	140	
.	.	.	1	.	1	2	1	1	.	.	.	.	.	.	.	.	.	F	147	
.	.	2	4	10	5	4	.	.	.	.	.	.	.	.	.	.	.	F	146, 148-150	

## ABSTRACT IX.—(Continued)—Northern Ireland : Causes

Inter- mediate List Nos.	CAUSES OF DEATH	AGES AT													
		ALL AGES	Un- der 1 day	1 day and less than 7days	1-4 wks.	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.	Total under 1 year	1-	2-	3-	4-	Total under 5 years
76-79	<i>XV. Diseases peculiar to the First Year of Life</i>														
76	Congenital debility .. (M) .. (F)	56 37	5 2	13 9	8 8	2 2	8 3	18 7	2 6	56 37	—	—	—	—	56 37
77	Premature birth (still- births excepted) .. (M) .. (F)	200 145	99 80	71 43	22 16	6 4	1 .	1 2	. .	200 145	—	—	—	—	200 145
78	Injury at birth (still- births excepted) .. (M) .. (F)	44 24	19 10	23 9	2 1	. 2	. 2	. .	. .	44 24	—	—	—	—	44 24
79	Other diseases peculiar to the first year of life (M) .. (F)	65 38	18 19	32 14	10 2	3 .	. 2	1 1	1 .	65 38	—	—	—	—	65 38
81-86	<i>XVII. Violent or accidental Deaths</i>														
81	Suicide .. (M) .. (F)	43 14	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .
83	Automobile accidents (all motor-driven road vehicles) (M) .. (F)	72 24	. .	. .	. .	. .	. .	. .	. .	. .	3 3	2 3	4 1	2 2	11 6
84	Other Accidents .. (M) .. (F)	201 101	1 1	. .	2 1	2 1	3 .	2 2	3 .	13 5	8 3	4 4	2 6	1 .	27 19
82, 85 86	Other Violent deaths .. (M) .. (F)	1 .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .	. .

NOTE—The deaths due to causes appearing in the Intermediate List under Nos. 73, 74, 75, 80 and 87 (i.e., Sections XII, XIII, XIV, XVI and XVIII) are omitted from the detailed portion of the Abstract, since they are already specified in the summary on pages 38 and 39.

## ABSTRACT X.—Northern Ireland : Deaths in Institutions, 1939-48.

	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Number of deaths in—										
Public Mental Hospitals ..	447	501	568	427	570	424	409	326	400	393
Poor Law Institutions ..	1,876	2,245	2,087	1,990	2,833	2,248	2,035	2,043	2,073	1,813
District Hospitals* ..	938	1,035	1,200	1,065	1,032	994	1,072	1,091	1,170	1,143
Other Hospitals and Infir- maries .. .. .	1,687	1,815	1,752	1,689	1,705	1,598	1,595	1,612	1,640	1,606
Own Homes, etc. ..	12,594	13,345	14,033	12,085	11,297	11,527	11,153	11,594	11,630	10,170
Total Deaths ..	17,542	18,941	19,640	17,256	17,437	16,791	16,264	16,666	16,913	15,125
Percentage of deaths in Insti- tutions .. .. .	28.2	29.5	28.5	30.0	35.2	31.3	31.4	30.4	31.2	32.8

\*These buildings were originally poor law institutions and were converted into district hospitals. Both private patients and patients who are wholly or partly a charge on the poor rate are received.

of Death at different Age-Periods, 1948.

DEATH																			Detailed List Nos.		
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95 and upwards			
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M	158	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F	159	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M	160	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F	161	
.	.	1	3	4	3	6	5	7	6	1	4	1	1	.	1	.	.	.	M	163, 164	
6	6	4	5	7	3	3	5	4	4	1	4	2	4	2	5	.	.	.	F	170	
5	1	1	5	2	.	.	1	1	.	1	.	.	2	3	.	.	1	.	M	169, 171-	
.	3	.	3	3	.	.	2	5	.	8	2	9	16	15	12	8	6	1	F	195	
.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	M	165-168,
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	F	197-198

ABSTRACT XI.—Northern Ireland : Ages of the Population according to the Census of 1937.

AGES	Persons	Males	Females	AGES	Persons	Males	Females	AGES	Persons	Males	Females
Under				20-25	105,247	51,039	54,208	60-65	54,221	26,601	27,620
1 yr.	23,142	11,774	11,368	25-30	101,373	48,535	52,838	65-70	47,057	22,794	24,263
1- 2	22,338	11,395	10,943	30-35	90,756	43,611	47,145	70-75	35,317	16,107	19,210
2- 3	22,192	11,396	10,796	35-40	88,231	41,638	46,593	75-80	19,893	8,799	11,094
3- 4	22,265	11,411	10,854	40-45	75,890	35,844	40,046	80-85	9,200	3,941	5,259
4- 5	22,002	11,155	10,847	45-50	67,601	31,898	35,703	85-90	3,267	1,280	1,987
5-10	114,222	58,080	56,142	50-55	62,021	29,433	32,588	90-95	713	254	459
10-15	120,744	61,501	59,243	55-60	58,139	27,944	30,195	95 up	181	66	115
15-20	113,733	56,658	57,075					ALL AGES	1,279,745	623,154	656,591

**ABSTRACT XII.—Northern Ireland : Deaths at different Age-Periods 1948.**

COUNTIES		TOTAL DEATHS	AGES AT DEATH																								
			Under 1-year	1-	2-	3-	4-	Under 5 years	5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95 and upwards
NORTHERN IRELAND	Persons	*15,125	1,347	162	65	42	28	1,644	86	87	171	199	213	266	304	370	511	678	817	1,140	1,592	2,263	2,193	1,503	751	256	†80
	Males	*7,728	810	85	33	20	18	966	47	46	85	92	112	123	143	189	274	378	458	599	841	1,133	1,088	707	319	99	28
	Females	7,397	537	77	32	22	10	678	39	41	86	107	101	143	161	181	237	300	359	541	751	1,130	1,105	796	432	157	52
BELFAST COUNTY BOROUGH	Persons	4,684	441	57	20	14	7	539	31	20	51	69	74	85	98	135	210	257	281	437	545	637	628	370	165	44	8
	Males	2,403	264	33	10	8	3	318	19	14	25	27	38	41	51	73	114	156	165	238	302	298	294	158	55	13	4
	Females	2,281	177	24	10	6	4	221	12	6	26	42	36	44	47	62	96	101	116	199	243	339	334	212	110	31	4
LONDONDERRY COUNTY BOROUGH	Persons	508	60	11	2	2	.	75	3	10	5	7	7	11	15	13	18	33	40	47	57	66	52	33	13	3	.
	Males	260	38	3	2	1	.	44	1	6	5	4	4	5	5	10	18	27	25	18	32	26	17	6	2	.	
	Females	248	22	8	.	1	.	31	2	4	.	3	3	6	10	8	8	15	13	22	39	34	26	16	7	1	.
ANTRIM	Persons	2,393	176	24	13	5	4	222	13	12	31	27	36	42	50	65	74	87	113	156	232	364	364	268	162	51	24
	Males	1,179	110	13	7	3	3	136	8	5	17	11	20	16	23	33	40	49	55	83	121	164	165	125	75	24	9
	Females	1,214	66	11	6	2	1	86	5	7	14	16	16	26	27	32	34	38	58	73	111	200	199	143	87	27	15
ARMAUGH	Persons	1,334	108	9	4	5	3	129	9	8	10	20	23	29	17	24	45	69	77	88	136	183	220	142	71	30	4
	Males	671	68	5	2	3	1	79	4	2	3	12	8	10	7	12	22	38	43	42	71	102	114	58	32	11	1
	Females	663	40	4	2	2	2	50	5	6	7	8	15	19	10	12	23	31	34	46	65	81	106	84	39	19	3
DOWN	Persons	†2,718	171	20	7	5	5	208	15	14	35	29	42	41	59	61	79	96	139	209	277	444	402	331	151	63	22
	Males	†1,369	95	7	4	2	4	112	7	7	15	16	28	21	22	28	47	50	83	110	150	239	189	158	63	18	5
	Females	1,349	76	13	3	3	1	96	8	7	20	13	14	20	37	33	32	46	56	99	127	205	213	173	88	45	17
FERMANAGH	Persons	652	72	3	4	3	2	84	4	3	13	11	6	7	10	16	9	24	37	24	64	112	110	68	37	9	4
	Males	359	42	2	1	1	.	46	3	3	3	5	3	4	6	5	6	11	18	12	33	68	69	37	21	4	2
	Females	293	30	1	3	2	2	38	1	.	10	6	3	3	4	11	3	13	19	12	31	44	41	31	16	5	2
LONDONDERRY	Persons	1,198	133	19	9	3	3	167	3	12	12	11	13	21	23	27	21	50	55	81	117	169	181	126	74	29	6
	Males	640	82	11	4	1	3	101	1	6	9	6	6	13	11	18	12	28	32	43	55	87	101	67	28	14	2
	Females	558	51	8	5	2	.	66	2	6	3	5	7	8	12	9	9	22	23	38	62	82	80	59	46	15	4
TYRONE	Persons	1,638	186	19	6	5	4	220	8	8	14	25	12	30	32	29	55	62	75	98	164	288	236	165	78	27	12
	Males	847	111	11	3	1	4	130	4	3	8	11	5	13	18	15	23	28	35	46	91	143	130	87	39	13	5
	Females	791	75	8	3	4	.	90	4	5	6	14	7	17	14	14	32	34	40	52	73	145	106	78	39	14	7

\* Including the death of one male for whom no age was stated.

† Including the death of one male for whom no age was stated.

‡ Including the deaths of eight persons (three males and five females) whose ages at death were returned at 100 years and upwards.

**ABSTRACT XIII.—Northern Ireland: Proportion of Deaths from the Principal Causes per 1,000 of the total Deaths at certain Age-Periods, 1948.**

Detailed List Nos.	CAUSES OF DEATH	All Ages	AGE											
			-1	1-	5-	10--	15--	25--	35--	45--	55--	65--	75--	85 and over
1, 2	Typhoid and paratyphoid fevers ..	—	.	.	.	.	5	2	1	.	.	—	.	.
6	Cerebro-spinal fever ..	1	6	24	.	11	.	2	.	1	1	.	.	.
8	Scarlet fever ..	—	.	.	12	.	3	.	1	.	.	.	.	.
9	Whooping cough ..	3	25	47	12	.	.	.	.	.	.	.	.	.
10	Diphtheria ..	—	2	10	12	.	.	.	.	.	.	.	.	.
13	Tuberculosis of respiratory system ..	47	1	13	12	35	449	368	172	85	42	14	2	.
14—22	Other forms of tuberculosis ..	15	22	158	116	184	97	69	22	8	5	4	.	.
30	Syphilitic disease ..	4	4	.	.	.	5	6	10	10	8	2	1	.
33	Influenza ..	5	7	3	12	11	3	4	1	2	5	7	4	6
35	Measles ..	1	5	37	23	11	.	.	.	.	.	.	—	.
36	Acute poliomyelitis and polioencephalitis ..	—	.	.	.	.	5	.	.	.	.	.	.	.
37	Acute infectious encephalitis ..	1	1	3	.	.	.	4	3	1	3	—	1	.
45—55	Cancer and other malignant tumours ..	130	.	34	.	23	22	73	166	227	218	165	110	53
61	Diabetes ..	6	.	.	.	.	3	4	9	9	11	8	5	4
83	Intra-cranial vascular lesions ..	103	.	7	.	11	14	6	37	92	130	153	128	89
90—95	Heart disease ..	286	1	7	12	92	46	90	184	250	307	368	379	355
96—103	Other diseases of circulatory system ..	29	.	7	.	.	5	10	30	22	33	40	33	43
106	Bronchitis ..	34	10	17	12	.	8	10	21	32	39	43	37	43
107—109	Pneumonia ..	41	184	178	58	69	24	27	28	16	17	25	27	17
104, 105 } 110—114 }	Other respiratory diseases ..	14	5	13	23	35	16	19	21	28	16	13	10	8
117	Ulceration of the stomach or duodenum ..	7	.	.	.	.	3	17	6	19	9	10	5	—
119	Diarrhoea (under 2 years of age) ..	8	80	51	.	.	.	.	.	.	.	.	.	.
121	Appendicitis ..	3	.	3	47	35	14	10	8	7	3	2	1	.
115, 116 } 118, 120 } 122—129 }	Other digestive diseases ..	19	11	40	81	35	16	23	37	27	25	15	15	7
130—132 } 140, 147 }	Nephritis ..	20	1	7	23	46	32	21	33	29	33	22	16	10
141—146 } 148—150 }	Puerperal and post-abortive sepsis ..	—	.	.	.	.	3	2	5	1	.	.	.	.
159	Other maternal causes ..	3	.	.	.	.	5	38	28	.	.	.	.	.
157, 158 } 160, 161 }	Premature birth ..	23	256	.	.	.	.	.	.	.	.	.	.	.
163, 164 } 170, 171 }	Congenital malformations, birth injury infantile diseases (various) ..	30	313	54	47	23	5	4	8	2	1	1	.	.
165—169 } 172—195 }	Suicide ..	4	.	.	.	.	11	23	19	15	3	1	—	.
197, 198 }	Road traffic accidents ..	8	.	61	127	92	35	36	16	6	4	5	3	—
—	Other violent deaths ..	18	13	91	70	80	65	42	34	19	12	9	15	14
—	All other causes ..	137	53	135	278	207	106	90	100	92	75	93	208	351
—	ALL CAUSES ..	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000

NOTE.—A dot (.) indicates that there were no deaths. A dash (—) indicates that the deaths were not sufficiently numerous to give a rate of 1.

**ABSTRACT XIV.—Northern Ireland : Deaths from Cancer by Sex,  
Age, and Site, 1948.**

SITES	Total Males and Females	MALES									FEMALES								
		All Ages	Un- der 20	20-	30-	40-	50-	60-	65-	75-	All Ages	Un- der 20	20-	30-	40-	50-	60-	65-	75-
		Cheek (Inside) ..	2	1	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.
Jaw ..	8	7	.	.	.	.	2	.	3	2	1	.	.	.	.	.	.	.	1
Lip ..	16	16	.	.	.	.	2	1	7	6	.	.	.	.	.	.	.	.	.
Mandible ..	3	.	.	.	.	.	.	.	.	3	.	.	1	.	1	.	1	.	.
Pancreas ..	6	3	.	.	.	.	.	1	1	1	3	.	.	.	.	.	.	1	1
45 Mouth ..	7	6	.	.	.	.	.	.	2	4	1	.	.	.	.	.	.	.	1
Palate ..	2	2	.	.	.	.	1	.	1	1	.	.	.	.	.	.	.	.	.
Pharynx ..	7	6	1	.	.	.	1	.	4	4	1	.	.	.	.	.	1	.	.
Tongue ..	22	14	.	.	.	1	2	4	4	3	8	.	.	.	5	1	1	1	1
Tonsils ..	9	8	.	.	2	.	.	.	4	2	1	.	.	.	1	.	.	.	.
Caecum ..	16	8	.	1	.	.	.	1	3	3	8	.	.	1	3	1	1	1	2
Intestines ..	230	104	.	1	4	6	14	7	47	25	123	.	1	1	6	23	12	42	38
Liver and Gall ..	74	33	.	1	1	1	7	9	10	4	44	.	.	2	5	3	19	15	7
46 Bladder ..	65	35	.	.	1	4	4	18	8	30	11	.	.	2	7	3	11	7	7
Oesophagus ..	77	46	.	.	1	4	6	8	14	13	31	.	.	2	5	3	11	10	10
Pancreas ..	6	1	1	.	.	.	.	.	.	5	.	.	.	.	4	.	2	.	.
Peritoneum ..	4	2	.	.	.	.	.	.	4	1	2	.	.	.	.	.	1	2	.
Pylorus ..	137	82	.	2	1	6	12	14	26	21	55	.	.	1	6	7	5	14	22
Rectum ..	397	199	.	.	5	20	24	32	68	50	198	.	.	1	11	28	27	73	58
Stomach ..	46	34	.	.	1	2	14	6	11	.	42	.	.	3	3	2	4	1	1
47 Bronchus ..	30	18	.	.	.	.	3	4	6	1	12	.	.	3	4	2	4	3	3
Larynx ..	113	85	.	.	3	10	28	15	23	6	28	.	.	3	4	5	1	11	3
Mediastinum ..	10	8	1	.	1	1	2	.	2	1	2	.	.	.	1	.	1	.	.
48 Uterus ..	110	—	—	—	—	—	—	—	—	—	110	.	2	10	19	22	21	18	18
49 Labia ..	1	—	—	—	—	—	—	—	—	—	1	.	.	.	.	.	.	1	1
Ovary ..	39	—	—	—	—	—	—	—	—	—	39	1	1	1	8	13	3	9	3
Vagina ..	5	—	—	—	—	—	—	—	—	—	5	.	.	.	.	.	.	3	2
Vulva ..	9	—	—	—	—	—	—	—	—	—	9	.	.	1	1	.	6	1	1
50 Breast ..	164	3	.	.	.	.	1	.	1	1	161	.	1	13	32	36	23	31	25
51 Penis ..	3	3	.	.	.	.	.	1	2	—	—	—	—	—	—	—	—	—	—
Prostate ..	79	79	.	.	1	1	3	4	41	29	—	—	—	—	—	—	—	—	—
Testicle ..	3	3	.	2	.	.	.	.	1	.	—	—	—	—	—	—	—	—	—
52 Bladder ..	30	20	.	.	.	.	1	4	8	7	10	.	.	.	1	.	7	2	.
Kidney ..	21	9	.	.	.	3	3	2	1	.	12	4	.	.	3	1	4	.	.
53 Anus ..	2	1	.	.	.	.	.	1	.	1	.	.	.	.	.	.	.	1	1
Cheek ..	1	1	.	.	.	.	.	.	2	3	2	.	.	.	.	.	.	1	1
Ear ..	7	5	.	.	.	.	.	.	5	4	17	.	.	.	.	.	.	.	.
Face ..	26	9	.	.	.	.	.	.	1	1	.	.	.	.	.	2	5	10	.
Neck ..	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
54 Nose ..	2	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1
Skin ..	2	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	1
Brain ..	35	17	2	.	4	4	6	.	1	.	18	2	1	2	4	6	2	1	.
54 Nervous System ..	4	2	.	.	1	.	.	.	.	1	2	.	.	1	.	.	.	.	.
Spinal Cord ..	11	2	.	.	.	.	.	.	1	9	1	.	.	1	.	2	.	4	1
Abdomen ..	19	5	1	.	.	.	1	.	1	3	14	.	.	.	2	.	4	8	.
Arm, leg & hand ..	2	.	.	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.
Axilla ..	19	11	1	.	1	1	1	1	5	1	8	.	.	1	2	3	2	.	.
Bone ..	3	1	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.
55 Eye ..	8	6	.	.	1	.	2	1	3	.	2	.	.	.	1	.	1	1	1
Lymphatic Glands ..	7	6	2	.	.	.	.	.	1	3	1	.	.	.	.	.	.	1	1
Neck ..	8	3	.	.	.	1	1	.	1	.	5	.	.	1	1	1	1	1	1
Parotid Gland ..	5	1	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	1	1
55 Pelvis ..	4	3	.	.	.	.	.	1	.	1	.	.	.	1	1	1	1	1	1
Cervical Gland ..	4	1	.	.	.	.	.	.	2	1	1	.	.	.	.	.	.	1	1
Spine ..	4	3	.	.	.	.	.	.	.	3	.	.	.	.	.	.	.	1	1
Throat ..	6	3	.	.	.	.	1	1	.	1	3	.	.	.	.	1	1	1	1
Thyroid Gland ..	11	3	.	.	.	1	1	.	.	1	8	.	1	.	2	2	1	1	2
Other and Undefined Sites ..	24	13	.	.	.	2	3	1	4	3	11	1	1	1	2	2	3	1	1
<b>TOTAL</b> ..	<b>1,963</b>	<b>933</b>	<b>9</b>	<b>7</b>	<b>26</b>	<b>71</b>	<b>148</b>	<b>124</b>	<b>331</b>	<b>217</b>	<b>1030</b>	<b>9</b>	<b>9</b>	<b>37</b>	<b>107</b>	<b>197</b>	<b>122</b>	<b>303</b>	<b>246</b>

ABSTRACT XV.—Northern Ireland : Infant Mortality Rates, 1943-48.

CAUSES OF DEATH (with Detailed List Nos.)	Deaths of Infants under One Year per 10,000 Births Registered																																			
	1943					1944					1945					1946					1947					Year 1948										
	MALES AND FEMALES										MALES										FEMALES															
	Totl	Udr. 1 day	1 day and less than 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths	Totl	Udr. 1 day	1 day and less than 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths	Totl	Udr. 1 day	1 day and less than 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths												
ALL CAUSES..	782	674	681	540	530	456	96	91	49	46	40	75	59	531	105	111	56	51	47	92	69	376	88	69	42	40	31	58	48							
<i>Common Infectious Diseases</i>																																				
Scarlet Fever (8)	.	.	.	—	20	12	.	.	.	.	.	.	4	12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.							
Whooping Cough (9)	22	19	16	14	20	12	.	.	1	2	2	2	4	12	.	.	1	1	3	3	5	11	.	.	1	4	1	1	4							
Diphtheria (10)	3	4	—	—	—	1	.	.	—	—	—	—	—	1	.	.	.	.	.	.	.	1	1	1	.	.	.	.	.							
Influenza (33)	7	6	4	10	4	3	.	.	—	1	.	.	—	3	.	1	1	1	.	.	.	1	3	.	.	.	.	.	.							
Smallpox (34)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.							
Measles (35)	4	2	3	1	6	2	.	.	.	—	1	1	1	3	.	.	.	.	.	.	1	2	1	.	.	.	.	.	.							
<i>Diarrhoeal Diseases</i>																																				
Diarrhoea and Enteritis (119)	129	94	102	61	62	37	.	.	3	6	6	16	6	41	.	.	2	7	5	20	7	31	.	.	4	5	6	11	5							
<i>Tuberculous Diseases</i>																																				
Central Nervous System (14)	7	7	7	7	3	7	.	.	—	1	1	5	7	7	.	.	.	1	1	4	8	.	.	.	.	1	1	7	.							
Intestines and Peritoneum (15)	2	2	—	1	1	—	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.							
Other Tuberculous Diseases (13, 16-22)	6	4	2	4	1	2	.	.	.	.	.	.	2	3	.	.	.	.	.	.	3	1	.	.	.	.	.	.	1							
<i>Developmental and Wasting Diseases</i>																																				
Congenital Malformations (157)	65	58	67	55	48	53	10	14	7	6	7	6	1	60	11	15	7	9	12	5	2	46	9	13	8	4	3	8	1							
Premature Birth, Injury at Birth (159,160)	185	177	155	145	134	140	70	49	14	4	1	1	.	160	77	62	16	4	1	1	.	118	63	36	12	4	1	1	.							
Congenital Debility & other Infantile Diseases (158, 161)	121	117	121	80	78	67	15	23	9	2	4	9	3	79	15	29	12	3	5	12	2	53	15	16	7	1	4	6	4							
<i>Bronchitis and Pneumonia</i>																																				
Bronchitis (106)	16	11	7	9	8	5	.	.	1	1	1	2	1	6	.	.	1	.	1	3	2	4	.	.	1	1	1	1	.							
Pneumonia (107-109)	121	95	113	91	101	84	—	2	8	14	12	23	24	96	1	1	10	16	12	26	29	71	.	3	6	12	11	20	18							
<i>Other Causes</i>																																				
Erysipelas (11)	—	.	.	.	.	—	.	.	—	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.							
Syphilis (30)	6	4	2	2	2	2	.	.	—	—	—	—	—	3	.	.	1	1	1	1	1	1	1	1	1	1	1	1	1							
Rickets (70)	1	1	—	—	—	—	.	.	.	.	.	.	.	1	.	.	.	.	.	.	1	1	1	1	1	1	1	1	1							
Meningitis (81)	3	4	6	2	2	2	.	.	—	—	—	—	—	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	2							
Convulsions (86)	30	25	19	15	17	11	.	1	2	3	1	4	1	16	1	3	3	3	2	5	2	6	.	.	1	3	1	2	.							
Suffocation (over-laying in 182)	3	6	2	2	2	1	.	.	—	1	.	.	.	2	.	.	1	.	1	.	.	.	.	.	.	.	.	.	.							
Inattention at Birth (in 195)	1	3	1	2	1	—	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	1	1	1	1	1							
Other Violence*	6	2	7	6	5	5	—	.	1	1	—	1	1	7	1	.	1	1	1	1	2	3	3	3	3	3	3	3	3							
Other Causes	43	33	44	32	35	22	.	1	2	3	3	7	5	28	.	2	2	5	3	10	7	15	.	1	2	3	4	4								

NOTE.—A dot (.) indicates that there were no deaths. A dash (—) indicates that the deaths were not sufficiently numerous to give a rate of 1. \*Including miscellaneous accidents.

**ABSTRACT XVI.—Infant Mortality Rates for Belfast Co. Borough and for the Aggregates of Urban and of Rural Areas in Northern Ireland, 1943-48.**

*CAUSES OF DEATH	Deaths of Infants under One Year per 10,000 Births Registered																																
	1943					1944					1945					1946					1947					Year 1948							
	MALES AND FEMALES														MALES								FEMALES										
	Totl	Udr. 1 day	1 day to 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths	Totl	Udr. 1 day	1 day to 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths	Totl	Udr. 1 day	1 day to 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths	Totl	Udr. 1 day	1 day to 7 days	1-4 wks	1-2 mths	2-3 mths	3-6 mths	6-12 mths	
<b>BELFAST CO. BOROUGH</b>																																	
Common Infectious Diseases	35	19	21	19	32	16	.	.	.	.	2	.	5	9	20	.	.	.	.	.	8	12	13	.	.	.	4	.	2	6			
Diarrhoeal Diseases	268	170	168	108	100	63	.	.	.	2	10	8	33	9	77	.	.	.	14	8	45	10	47	.	.	.	4	6	9	19	9		
Tuberculous Diseases	23	15	16	11	4	8	.	.	.	.	.	.	.	.	8	8	.	.	.	.	.	8	9	.	.	.	.	.	.	.			
Developmental and Wasting Diseases	449	425	379	282	246	239	109	75	15	12	10	16	1	266	116	93	12	18	12	14	2	209	100	56	19	6	9	19	.				
Bronchitis and Pneumonia	231	164	156	125	159	82	1	3	12	15	10	13	27	91	2	.	14	18	10	14	34	73	.	6	11	13	11	13	19				
Other Causes	104	94	99	65	61	44	1	1	9	5	4	10	13	59	.	2	10	4	8	14	22	28	2	.	9	6	.	6	4				
ALL CAUSES	1109	886	840	610	602	453	111	79	39	45	33	78	68	521	118	95	36	53	38	95	87	378	103	62	43	36	28	60	47				
<b>ALL URBAN AREAS</b>																																	
Common Infectious Diseases	35	20	23	18	32	14	.	1	.	3	1	4	6	17	.	1	.	.	1	6	9	12	.	.	.	7	.	1	4				
Diarrhoeal Diseases	189	133	138	84	85	50	.	.	3	10	6	25	6	57	.	.	1	11	6	33	6	42	.	.	4	9	7	16	7				
Tuberculous Diseases	22	14	14	12	5	9	.	.	.	.	1	1	8	7	.	.	.	.	.	1	6	12	.	.	.	.	1	.	10				
Developmental and Wasting Diseases	424	392	390	292	267	256	106	86	21	13	10	16	4	293	114	110	21	15	15	16	4	215	97	61	21	12	5	16	4				
Bronchitis and Pneumonia	186	129	138	110	132	88	1	3	14	16	12	18	25	91	1	1	16	15	10	21	28	85	.	4	12	17	14	16	22				
Other Causes	97	92	88	58	63	47	1	3	8	8	4	13	11	61	.	4	9	6	9	18	16	31	1	1	7	10	.	7	5				
ALL CAUSES	953	781	790	575	584	464	107	92	45	50	34	76	60	527	116	116	46	46	40	95	68	397	98	67	43	55	27	55	52				
<b>ALL RURAL AREAS</b>																																	
Common Infectious Diseases	35	44	27	34	29	22	.	.	2	5	4	4	7	24	.	.	3	4	6	6	6	20	.	.	2	6	2	3	8				
Diarrhoeal Diseases	57	50	62	34	36	21	.	.	3	1	5	6	6	23	.	.	3	1	4	6	9	18	.	.	3	6	6	6	3				
Tuberculous Diseases	7	13	6	12	7	11	.	.	.	1	1	2	7	14	.	.	.	1	1	3	9	8	.	.	.	.	.	2	6				
Developmental and Wasting Diseases	309	304	290	266	253	264	83	86	42	12	16	18	5	307	91	102	50	18	21	20	4	218	76	70	35	6	11	15	6				
Bronchitis and Pneumonia	79	78	98	87	82	89	.	1	4	14	12	33	25	115	.	1	6	18	16	38	35	62	.	2	2	9	9	27	14				
Other Causes	89	59	75	64	61	40	1	2	3	7	8	12	7	53	1	3	6	13	7	16	7	27	.	2	2	9	9	9	6				
ALL CAUSES	575	548	557	497	468	447	84	90	54	40	46	75	56	535	92	106	67	57	55	88	70	352	76	73	41	23	36	62	42				

\* The diseases included under the headings in this column are given in Abstract XV.

**ABSTRACT XVII.—Northern Ireland : Mortality among Illegitimate Children, 1943-48.**

CAUSES OF DEATH (with Detailed List Nos.)	Rate per 10,000 Illegitimate Births Registered						Numbers of Deaths Registered in 1948 at Ages—							
	1943	1944	1945	1946	1947	1948	Under 1 year	Under 1 day	1 day and less than 7 days	1-4 weeks	1-2 months	2-3 months	3-6 months	6-12 months
<i>Common Infectious Diseases</i>														
Scarlet Fever (8) .. .. .														
Whooping Cough (9) .. .. .	12	29	19		8									
Diphtheria (10) .. .. .	6	17				9	1						1	
Influenza (33) .. .. .	17	12	6			9	1				1			
Smallpox (34) .. .. .														
Measles (35) .. .. .	6	12	6		8	9	1						1	
<i>Diarrhoeal Diseases</i>														
Diarrhoea and Enteritis (119) ..	272	207	242	99	119	149	16				2	4	10	
<i>Tuberculous Diseases</i>														
Central Nervous System (14) ..	12	17	6		8	19	2						1	1
Intestines and Peritoneum (15) ..	12	12			8	9	1						1	
Other Tuberculous Diseases (13, 16-22)	12													
<i>Developmental and Wasting Diseases</i>														
Congenital Malformations (157) ..	46	81	70	84	76	121	13	2	2	2	4	1	2	
Premature Birth, Injury at Birth (159, 160)	353	311	185	167	229	168	18	9	8	1				
Congenital Debility and Other Infantile Diseases (158, 161) ..	388	305	414	174	144	177	19	1	3	2		4	8	1
<i>Bronchitis and Pneumonia</i>														
Bronchitis (106) .. .. .	29	12	13	15	8	9	1							1
Pneumonia (107-109) .. .. .	145	155	223	129	254	159	17	1		1	4	3	4	4
<i>Other Causes</i>														
Erysipelas (11) .. .. .														
Syphilis (30) .. .. .	35	17	19	15		19	2			1	1			
Rickets (70) .. .. .														
Meningitis (81) .. .. .	6		6											
Convulsions (86) .. .. .	35	35	25	45	42	19	2						1	1
Suffocation (overlying in 182)	6													
Inattention at Birth (in 195)														
Desertion .. .. .		6												
Other .. .. .	12				8									
Other Violence* .. .. .	6	17	38	23	8	9	1				1			
Other Causes .. .. .	35	52	115	45	59	37	4		1				1	2
ALL CAUSES .. .. .	1,441	1,295	1,370	796	984	924	99	13	14	7	13	12	30	10

\* Including Miscellaneous Accidents.

**ABSTRACT XVIII.—Northern Ireland : Notifications of certain Infectious Diseases, 1948.**

COUNTY BOROUGHS BOROUGH URBAN AND RURAL DISTRICTS	Typhoid Fever	Paratyphoid B Fever	Typhus	Smallpox	Scarlet Fever	Diphtheria	Acute Primary and Acute Influenzal Pneumonia	Cerebro-Spinal Fever	Erysipelas	Measles	Chickenpox	Poliomyelitis	Whooping Cough	Puerperal Pyrexia	Puerperal Fever	Pulmonary Tuberculosis	Non-Pulmonary Tuberculosis	Other Diseases	TOTAL
<b>Belfast C.B.</b>	4	2	.	.	931	107	122	25	108	2,618	—	8	666	18	4	1014	85	405(a)	6,117
<b>Londonderry C.B.</b>	2	.	.	.	166	37	.	6	4	—	—	1	—	1	.	139	15	1(b)	372
<b>County Antrim</b>																			
Ballycastle U.D.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	3	.	7
Ballyclare U.D.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	13	1	.	16
Ballymena M.B.	.	.	.	.	13	2	.	.	.	.	.	.	.	.	.	46	11	.	72
Ballymoney U.D.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	3	2	.	9
Carrickfergus "	.	.	.	.	8	.	.	.	.	.	83	.	.	.	.	11	2	.	104
Larne M.B.	.	.	.	.	21	1	.	.	.	.	.	.	.	.	.	35	3	.	63
Lisburn U.D.	.	.	.	.	37	4	.	.	4	18	.	.	.	.	.	41	3	.	105
Portrush "	.	1	.	.	3	.	.	.	.	30	.	1	.	.	.	4	8	.	47
Whitehead "	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	4	3	.	9
Antrim R.D.	1	.	.	.	9	.	.	.	.	.	.	.	.	.	.	41	7	1(b)	59
Ballycastle "	.	.	.	.	6	.	.	.	1	.	.	.	.	.	.	18	6	.	31
Ballymena "	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	58	7	.	69
Ballymoney "	.	.	.	.	50	1	.	.	.	1	.	.	.	.	.	26	3	.	81
Belfast "	.	.	.	.	17	.	.	.	1	.	.	.	.	.	.	56	6	.	80
Larne "	1	.	.	.	12	1	.	.	.	.	.	.	.	.	.	39	4	.	58
Lisburn "	2	.	.	.	19	.	.	1	.	.	.	.	.	.	.	26	5	.	53
<b>County Armagh</b>																			
Armagh U.D.	.	.	.	.	14	.	.	.	1	.	.	.	.	.	.	36	3	.	54
Keady "	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	14	2	.	17
Lurgan "	1	.	.	.	61	3	.	.	.	.	.	.	.	.	.	55	12	.	134
Portadown M.B.	.	.	.	.	59	2	.	.	.	.	2	.	.	.	.	57	7	.	129
Tandragee U.D.	.	.	.	.	11	.	.	.	1	.	.	.	.	.	.	7	5	.	23
Armagh R.D.	1	.	.	.	20	.	.	.	1	.	.	.	.	.	.	58	5	.	85
Lurgan "	.	.	.	.	20	.	.	.	1	.	.	.	.	.	.	29	7	.	59
Newry No. 2 "	1	.	.	.	24	7	.	.	.	.	.	1	.	.	.	22	1	.	56
Tandragee "	.	.	.	.	14	.	.	.	.	.	.	.	.	.	.	1	.	.	15
<b>County Down</b>																			
Banbridge U.D.	.	.	.	.	2	.	.	.	1	.	.	.	.	.	.	19	3	.	25
Bangor M.B.	.	.	.	.	38	.	1	.	4	.	.	.	.	.	.	39	5	.	87
Donaghadee U.D.	.	.	.	.	6	1	.	.	1	.	.	.	.	.	.	12	.	.	20
Downpatrick "	.	.	.	.	1	1	.	.	.	.	.	.	.	.	.	16	2	.	20
Dromore "	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	8	1	.	10
Holywood "	.	.	.	.	3	.	.	.	1	.	.	.	.	.	1	17	.	22	
Kilkeel "	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	4	.	7	
Newcastle "	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	3	.	57
Newry "	.	.	.	.	13	6	.	.	1	.	.	.	.	.	2	31	.	7	
Newtownards M.B.	.	.	.	.	104	1	.	.	1	.	.	.	.	.	27	5	1(c)	141	
Warrenpoint U.D.	.	.	.	.	3	.	4	.	.	.	.	.	.	.	.	2	.	.	9
Banbridge R.D.	.	.	.	.	29	3	.	.	2	.	.	.	.	.	.	22	4	.	58
Castlereagh "	.	.	.	.	14	1	.	1	.	.	.	.	.	.	.	10	2	1(c)	30
Downpatrick, "	.	.	.	.	17	1	.	1	8	.	.	.	.	.	.	52	16	.	95
Hillsborough, "	.	1	.	.	33	5	.	1	.	.	.	1	.	.	16	6	.	63	
Kilkeel "	1	.	.	.	3	1	.	4	1	.	.	.	.	.	26	7	.	38	
Moira "	.	.	.	.	7	.	.	2	.	.	.	.	.	.	22	4	.	40	
Newry No. 1, "	1	.	.	.	2	1	.	3	.	.	.	.	.	1	8	.	.	16	
Newtownards, "	.	.	.	.	47	2	2	1	.	.	.	.	.	.	42	3	.	96	
<b>County Fermanagh</b>																			
Enniskillen U.D.	.	.	.	.	4	2	.	.	3	.	.	.	.	.	.	26	6	.	41
Enniskillen R.D.	.	.	.	.	7	2	4	.	1	2	.	.	.	.	.	20	6	.	42
Irvinestown "	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	11	5	.	17
Lisnaskea "	1	.	.	.	11	.	.	.	.	.	.	.	.	.	.	19	7	.	38
<b>County Londonderry</b>																			
Coleraine M.B.	.	.	.	.	54	.	.	1	1	.	2	1	.	.	.	5	5	.	69
Limavady U.D.	.	.	.	.	4	.	.	.	.	.	5	.	.	.	.	5	1	.	15
Portstewart "	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	3	.	4
Coleraine R.D.	.	.	.	.	18	8	.	1	.	.	.	.	.	.	.	14	8	.	49
Limavady "	.	.	.	.	6	6	.	.	1	.	.	.	.	.	.	10	6	.	29
Londonderry "	1	.	.	.	44	20	.	2	.	.	.	.	.	.	.	15	10	.	92
Magherafelt "	.	.	.	.	18	1	.	.	.	.	.	2	.	.	.	24	7	.	52
<b>County Tyrone</b>																			
Cookstown U.D.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	7	1	.	8
Dungannon "	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	2	.	7
Omagh "	.	.	.	.	.	.	6	.	.	.	.	1	.	.	.	13	4	.	22
Strabane "	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	11	4	.	17
Castleberg R.D.	.	.	.	.	6	.	6	1	.	.	.	.	.	.	.	14	1	.	28
Clogher "	.	.	.	.	4	1	.	.	.	.	.	.	.	.	.	9	2	.	16
Cookstown "	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	24	6	.	31
Dungannon "	.	.	.	.	6	4	.	2	.	.	.	.	.	.	.	38	10	.	60
Omagh "	.	.	2	.	10	3	26	.	.	.	.	.	.	.	.	37	12	.	93
Strabane "	.	.	.	.	7	2	.	1	.	.	.	.	.	.	.	19	4	.	33
<b>Total</b>	19	5	2	.	2,061	236	180	49	150	2,669	92	17	666	19	9	2,555	385	409	9,523

*A dash indicates that the disease is not compulsorily notifiable in that area.*

In Belfast only the first case of measles or whooping cough in a household is required to be notified, unless a period of 2 months intervenes in the case of the former disease and 3 months in the case of the latter.

(a) 376 gastro-enteritis in children under two years of age, 10 ophthalmia neonatorum, 18 dysentery and 1 malaria. (b) dysentery. (c) ophthalmia neonatorum.

**ABSTRACT XIX.—Northern Ireland : Belfast Co. Borough and Londonderry Co. Borough  
Summary of Vital Statistics for the years 1946, 1947 and 1948.**

SUBJECT	NORTHERN IRELAND			BELFAST COUNTY BOROUGH			LONDONDERRY CO. BOROUGH		
	1946	1947	1948	1946	1947	1948	1946	1947	1948
Birth Rate .. .. .	22.61	23.34	21.9	23.22	23.34	21.44	28.16	28.68	27.27
Marriage Rate .. .. .	7.35	7.11	6.93	8.78	8.55	8.15	7.99	7.93	7.87
Death Rate.. .. .	12.50	12.63	11.2	11.98	11.75	10.31	13.22	13.51	10.30
Death Rates from certain specified diseases;									
Tuberculosis (all forms) .. .. .	0.83	0.73	0.69	0.95	0.77	0.72	1.21	0.84	0.87
Cancer .. .. .	1.42	1.47	1.45	1.53	1.47	1.53	0.99	1.29	0.99
Influenza .. .. .	0.28	0.20	0.06	0.12	0.06	0.02	0.14	0.20	0.20
Pneumonia .. .. .	0.60	0.59	0.46	0.76	0.72	0.49	0.71	0.76	0.45
Heart Disease .. .. .	3.27	3.48	3.19	2.93	3.29	2.82	3.60	3.78	3.24
Infant Mortality Rate (per 1,000 live births) ..	54	53	46	61	60	45	70	68	45
Maternal Mortality Rate (per 1,000 live births)	2.32	1.85	1.52	2.23	1.24	1.33	2.16	0.71	.
Chief Notifiable Diseases—cases notified;									
Typhoid Fever .. .. .	113	79	19	9	42	4	4	.	2
Scarlet Fever .. .. .	1,553	1,902	2,061	753	1,144	931	67	52	166
Diphtheria .. .. .	686	366	236	220	115	107	150	73	37
Cerebro-spinal Fever .. .. .	66	57	49	39	24	25	2	6	6
Tuberculosis (all forms) .. .. .	1,062	1,333	2,940	956	933	1,099	50	52	154

NOTE.—Where not otherwise stated, the rates given are per 1,000 of estimated population.

**ABSTRACT XX.—Northern Ireland : Populations of Counties and Principal Towns as recorded at last three Censuses and in the National Register on 31st December, 1948.**

City, Town, etc.	Census 1911	Census 1926	Census 1937	Nat. Regr. 1948 (Civilians)
Belfast County Borough .. .. .	386,947	415,151	438,086	456,426
Londonderry County Borough .. .. .	40,780	45,159	47,813	49,480
Bangor .. .. .	7,776	13,311	15,769	19,621
Portadown .. .. .	11,727	11,991	12,440	16,469
Lurgan .. .. .	12,553	12,500	13,766	15,329
Lisburn .. .. .	12,388	12,406	13,042	14,338
Ballymena .. .. .	11,381	11,873	12,928	13,809
Newry .. .. .	11,963	12,226	12,746	13,167
Larne .. .. .	8,036	9,714	11,090	11,862
Newtownards .. .. .	9,587	10,149	10,546	10,716
Coleraine .. .. .	7,785	8,078	9,180	10,227
Arragh .. .. .	7,356	7,400	7,064	8,931
Carrickfergus .. .. .	4,608	4,749	4,399	6,751
Boniskillen .. .. .	4,847	4,883	4,880	6,281
Holywood .. .. .	4,035	4,823	5,078	6,220
Strabane .. .. .	5,107	5,156	5,600	6,210
Omagh .. .. .	4,836	5,123	5,741	6,008
Banbridge .. .. .	5,101	4,854	5,640	5,522
Castletown .. .. .	3,685	3,555	3,369	4,286
Cluzannon .. .. .	3,830	3,762	3,930	4,205
Portrush .. .. .	2,107	2,953	3,386	4,066
Ballyclare .. .. .	3,369	3,362	3,777	3,861
Downpatrick .. .. .	3,199	3,147	3,373	3,639
Portstewart .. .. .	1,459	1,664	2,587	3,490
Donaghadee .. .. .	2,213	2,534	2,533	3,416
Newcastle .. .. .	1,765	2,119	2,428	3,036
Ballymoney .. .. .	3,100	3,168	3,228	3,014
Lisavady .. .. .	2,667	2,801	2,772	2,978
Warrenpoint .. .. .	1,938	2,232	2,310	2,754
Counties:				
Antrim .. .. .	193,864	191,643	197,266	217,948
Armagh .. .. .	120,291	110,070	108,815	112,466
Down .. .. .	204,303	209,228	210,687	231,871
Fermanagh .. .. .	61,836	57,984	54,569	53,440
Londonderry (excluding Co. Borough) .. .. .	99,845	94,534	94,923	102,961
Tyrone .. .. .	142,665	132,792	127,586	129,678
<b>NORTHERN IRELAND .. .. .</b>	<b>1,250,531</b>	<b>1,256,561</b>	<b>1,279,745</b>	<b>1,354,270</b>

The figures in final column include Merchant Seamen on the Mercantile Marine Register.

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