

GOVERNMENT OF NORTHERN IRELAND

**THE REGISTRAR-GENERAL'S
ANNUAL REPORT
FOR 1945**

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

Price 2s. 6d. net

H.C. 733

GENERAL REGISTER OFFICE,
FERMANAGH HOUSE,
ORMEAU AVENUE,
BELFAST.
December, 1946.

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

SIR,

I have the honour to submit the Twenty-fourth 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, 1945. 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.*

TABLE OF CONTENTS

REPORT

ADMINISTRATION	Page	DEATHS	Page
1. Introductory	4	16. Number and Rate	12
2. Buildings licensed or registered for Marriages	4	17. Deaths in Institutions	12
3. State of Registration	4	18. Proportion of Deaths from the Principal Causes	12
4. Legitimacy Act (N.I.), 1928	4	19. Deaths from the Principal Epidemic Diseases	14
5. Adoption of Children Act (N.I.), 1929	5	20. Influenza	14
6. Searches and Certificates	5	21. Tuberculosis	15
SUMMARY OF REGISTRATION		22. Cancer	18
7. Introductory	5	23. Cerebral Haemorrhage, etc.	18
8. Marriages, Births, and Deaths registered	6	24. Heart Disease	18
9. Vaccinations	6	25. Bronchitis	18
MARRIAGES		26. Pneumonia	18
10. Number and Rate	6	27. Pregnancy and Childbirth	18
11. Method of Celebration	6	28. Violent Deaths	21
12. Signatures by "Mark"	10	29. Uncertified Deaths	23
BIRTHS		30. Inquests	24
13. Number and Rate	10	31. Infant Mortality	24
14. Proportion of Males to Females	12	32. Mortality among Illegitimate Children	26
15. Multiple Births	12	POPULATION	26
		THE WEATHER	26

ABSTRACTS

<p>I. Marriages registered in each of the Counties, showing Method of Celebration 30</p> <p>II. Marriages registered in each of the Counties, showing the number registered in each quarter of the year, the Civil Condition of the Persons married, and the number of Minors 30</p> <p>III. Births in each of the Counties, showing the number in each quarter of the year, distinguishing Males and Females 31</p> <p>IV. Deaths in each of the Counties, showing the number in each quarter of the year, distinguishing Males and Females 31</p> <p>V. Counties and Principal Towns (i) Deaths from Principal causes. (ii) Total Deaths and Births, and other Statistics 32</p> <p>VI. Deaths by causes of Males and Females at different Age-Periods 36</p> <p>VII. Deaths in Institutions, 1936-1945 46</p>	<p>VIII. Population of Northern Ireland by Sexes and Ages according to the Census of 1937 47</p> <p>XI. Deaths of Males and Females at different Age-Periods in each of the Counties 48</p> <p>X. Proportion of Deaths from Principal Causes at certain Age-Periods 49</p> <p>XI. Deaths from Cancer by Sex, Age and Site, 1945 50</p> <p>XII. Infant Mortality Rates, 1940-1945 51</p> <p>XIII. Infant Mortality Rates for Belfast Co. Borough and the Aggregates of Urban and Rural Areas, 1940-1945 52</p> <p>XIV. Mortality among Illegitimate Children, 1940-1945 53</p> <p>XV. Notifications of certain Infectious Diseases, 1945 54</p> <p>XVI. Northern Ireland, Belfast Co. Borough and Londonderry Co. Borough—Summary of Vital Statistics for the years 1943, 1944 and 1945 55</p>
--	---

DIAGRAMS

<p>I. Marriage Rates in Northern Ireland, England and Wales, Scotland and Eire 7</p> <p>II. Birth Rates in Northern Ireland, England and Wales, Scotland and Eire 11</p> <p>III. Death Rates in Northern Ireland, England and Wales, Scotland and Eire 13</p> <p>IV. Death Rates from Tuberculosis in Northern Ireland, England and Wales, Scotland and Eire. 16</p>	<p>V. Death Rates from Cancer in Northern Ireland, England and Wales, Scotland and Eire. 19</p> <p>VI. Maternal Mortality Rates in Northern Ireland, England and Wales, Scotland and Eire 22</p> <p>VII. Infant Mortality Rates in Northern Ireland, England and Wales, Scotland and Eire 25</p>
--	--

Twenty-Fourth 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 the 31st December in each of the years 1943, 1944 and 1945, were as follows :—

DENOMINATION	1943	1944	1945
Church of Ireland ..	385	387	387
Presbyterian ..	498	499	500
Methodist ..	146	147	148
Others ..	191	196	200
TOTAL ..	1,220	1,229	1,235

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 has 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 1945 such authority was granted for the registration of 135 births, as compared with 193 in 1944, and 205 in 1943. The registration of 11 deaths was authorised, the numbers for the years 1944 and 1943 being 8 and 14 respectively.

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 1945 the re-registration of the births of 154 children was authorised under the Act, the figures for 1944 and 1943 being 148 and 174 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 1945 numbered 387, the figures for 1944 and 1943 being 325 and 274 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.
1937	94	88	363	290	19	9	0
1942	292	230	800	743	55	2	0
1943	227	203	933	858	132	17	6
1944	184	190	1,177	1,149	153	18	0
1945	185	185	1,543	1,489	202	9	6
					263	5	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 1945 in the Registrar-General's weekly and quarterly returns. It should be noted that statistics of deaths (for years 1941-45) 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.

In the case of the death of a person who had not been medically attended in his or her last illness, and no inquest had been held, the cause of death is entered in the register from such information as the informant of the death can supply to the Registrar. (See section 29, page 23, as to uncertified deaths.)

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 VI 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 V and X 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 V and VI 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 1944, show decreases in the birth and death rates and an increase in the marriage rate. The infant mortality rate has also slightly increased (see Table B on page 8). Further comments will be found under the relative headings below.

9. Vaccinations.—As returned by the Registrars, the successful Primary Vaccinations during the year numbered 23,327, or 80 per cent. of the total births registered, as compared with 70 per cent. in 1944.

MARRIAGES.

10. Number and Rate.—Marriages registered during the year numbered 10,452 which is 944 more than the previous year. The rate, 7.92 per 1,000 of the estimated population, is 0.68 above that for the year 1944. With the exception of the years 1941 and 1942, the number of marriages is the highest ever recorded. Of the total marriages, 93.1 per cent. were between bachelors and spinsters, 4 per cent. between widowers and spinsters, 1.7 per cent. between bachelors and widows and 1.2 per cent. between widowers and widows. Thus, 5.2 per cent. of the men married during the year were widowers and 2.9 per cent. of the women were widows or, in 7 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 4.7 per cent. of the husbands and 17.8 per cent. of the wives were minors.

11. Method of Celebration.—Table D shows for Northern Ireland the marriages registered during the years 1927, 1938 and 1939 to 1945 according to methods of celebration. The denominations are placed in the order of the number of members at the last Census.

DIAGRAM I.—Marriage Rates in Northern Ireland, England and Wales, Scotland and Eire 1922-45.

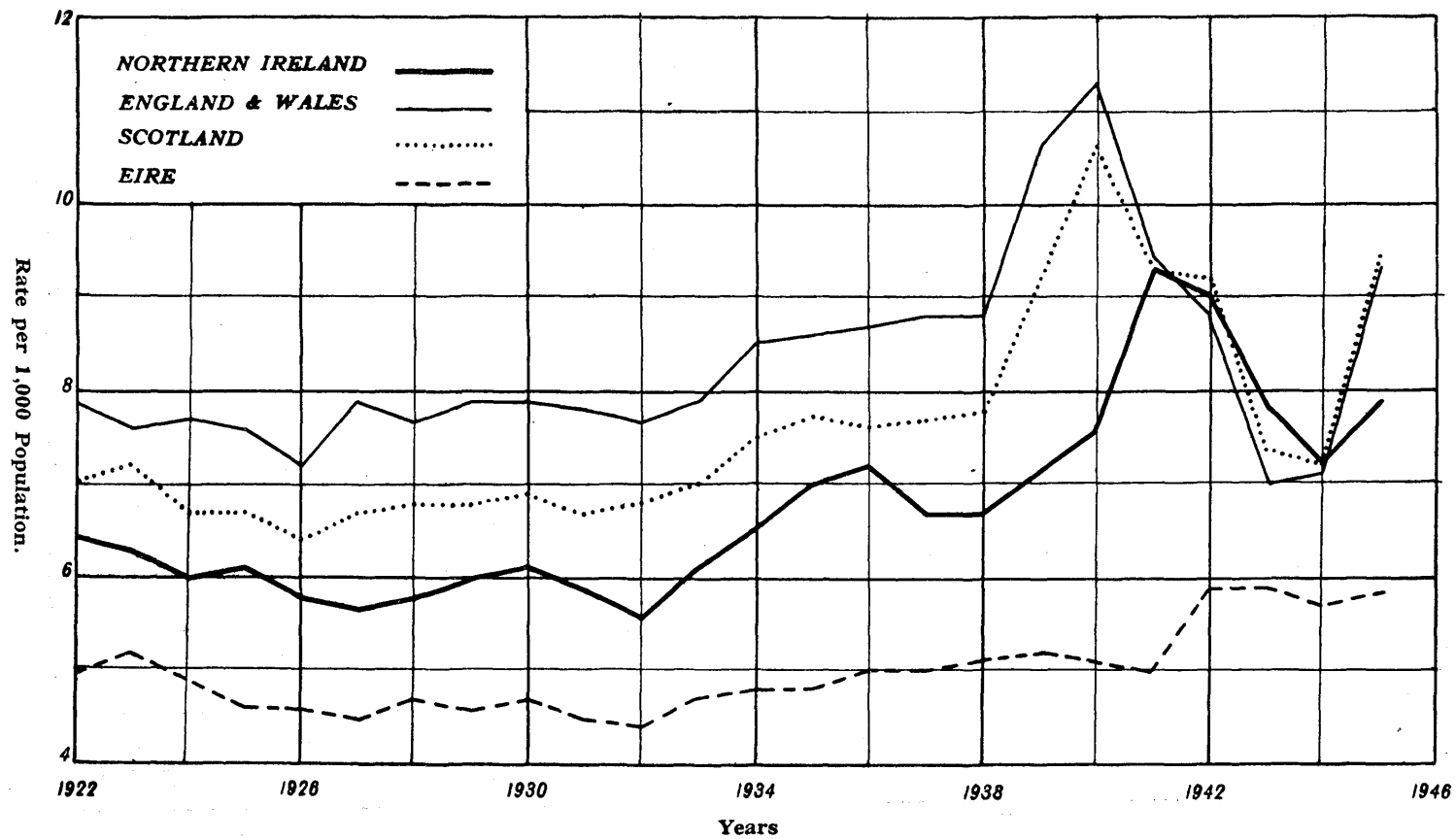


TABLE A.—Northern Ireland: Population, Marriages, Births, and Deaths, 1936-1945, with Quinquennial Averages from year 1911.

YEAR	Estimated 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	1,304,000*	10,155	31,521	1,718	17,437*	2,464
1944	1,314,000*	9,508	30,900	1,737	16,791*	2,083
1945	1,320,000*	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

TABLE B.—Northern Ireland: Annual Marriage, Birth, and Death Rates, and Deaths of Infants under 1 year per 1,000 births, 1936-1945, 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 Births
	Marriages	Births	Deaths		
1911-15	6.05	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

* 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, 1941-45.

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
1941	9.3	9.4	9.3	5.0
1942	9.0	8.8	9.2	5.9
1943	7.8	7.0	7.4	5.9
1944	7.2	7.1	7.2	5.7
1945	7.9	9.3	9.4	5.8
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
1941	20.9	14.2	17.5	19.0
1942	22.9	15.6	17.6	22.3
1943	24.2	16.2	18.4	21.9
1944	23.5	17.7	18.5	22.2
1945	22.0	16.1	16.9	22.4
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
1941	15.2*	13.5*	14.7*	14.6
1942	13.3*	12.3*	13.3*	14.1
1943	13.4*	13.0*	14.0*	14.8
1944	12.8*	12.7*	13.6*	15.3
1945	12.3*	12.6*	13.2*	14.3
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
1941	77	59	83	74
1942	76	51	69	69
1943	78	49	65	83
1944	67	46	65	79
1945	68	46	56	71
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
1941	1.04	0.73	0.85	1.24
1942	0.97	0.66	0.82	1.47
1943	0.91	0.67	0.83	1.46
1944	0.89	0.63	0.82	1.30
1945	0.80	0.62	0.79	1.24

* Civilian Death Rates.

It will be observed that the increase in the number of marriages in 1945 is distributed over practically all denominations. Marriages taking place in Registrars' Offices in the year under review represented 8.0 per cent. of the total marriages, as compared with 7.6 in the previous year and 4.8 per cent. in 1922.

12. Signatures by "Mark."—Of the 20,904 persons married 44 men and 28 women, or 0.3 per cent. of the persons married, signed the registers or certificates by "mark," as compared with 0.4 in the previous year and 2.1 per cent. in 1922.

TABLE D.—Northern Ireland: Marriages Registered, according to Methods of Celebration, 1927, 1937, 1939-45.

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
1939	2,465	2,822	2,545	448	263	639	3	9,185	7.09
1940	2,554	2,990	2,729	480	361	678	3	9,795	7.56
1941	3,101	3,651	3,349	587	397	873	8	11,966	9.29
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	2,576	547	289	837	8	10,452	7.92

BIRTHS.

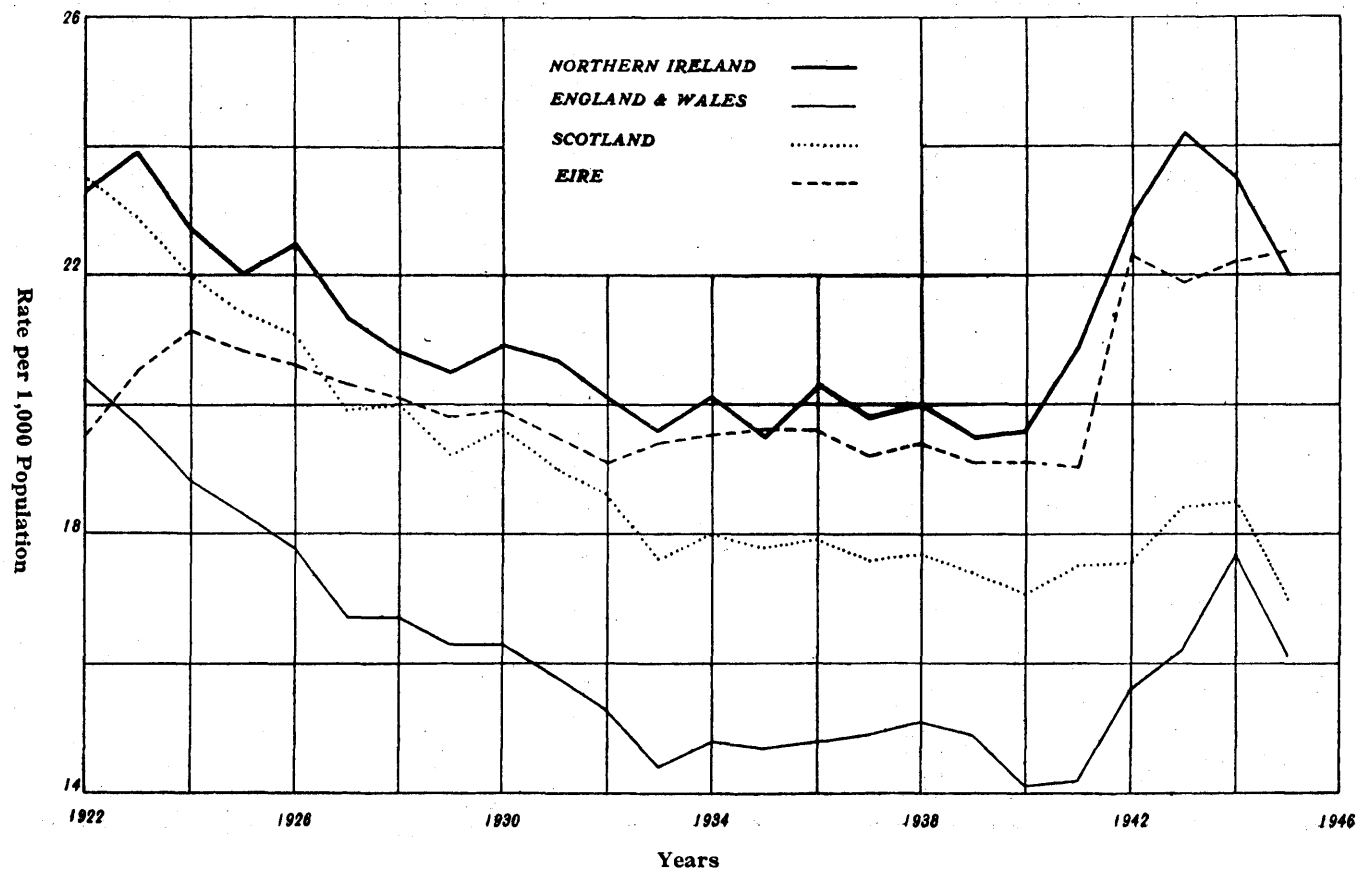
13. Number and Rate.—The births registered during the year numbered 29,007, a decrease of 1,893 as compared with the previous year. The birth rate was 22.0 per 1,000 of the estimated population being 1.5 below the rate for the previous year. Despite this drop the birth rate is higher than that for any year from 1927 to 1941. Illegitimate births numbered 1,569, a decrease of 168 as compared with the number recorded for 1944; the proportion to total births (5.41 per cent.) being 0.21 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 1945 were 9.35, 8.57 and 3.92 respectively.

TABLE E.—Northern Ireland: County and Urban and Rural Birth and Death Rates, 1943-45.

AREA	Births per 1,000 of Population			Deaths per 1,000 of Population		
	1943	1944	1945	1943	1944	1945
Northern Ireland	24.2	23.5	22.0	13.4	12.8	12.3
Belfast Co. Borough	25.7	24.3	22.6	13.2	12.0	11.6
Londonderry Co. Borough ..	31.2	28.7	26.8	13.3	12.5	12.9
County Antrim	22.6	21.9	20.0	12.6	12.3	11.5
County Armagh	23.8	23.4	21.6	14.1	13.7	13.1
County Down	21.9	22.1	20.7	13.2	12.9	12.6
County Fermanagh	20.6	20.4	20.8	14.3	15.2	13.6
County Londonderry†	25.5	25.8	23.6	13.4	13.3	13.1
County Tyrone	24.0	23.8	23.0	14.5	13.7	13.4
Aggregate of Urban Areas ..	25.6	24.3	22.4	13.0	12.4	12.0
Aggregate of Rural Areas ..	22.6	22.6	21.5	13.7	13.2	12.6

† Excluding the County Borough.

DIAGRAM II.—Birth Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-45.



14. Proportion of Males to Females.—Births of males in Northern Ireland in 1945 numbered 14,945 and those of females 14,062; the proportion of male to female births was therefore 1,063 to 1,000. The corresponding proportions for each of the years 1940-44 were 1,082, 1,096, 1,060, 1,076 and 1,052 respectively.

15. Multiple Births.—Of the 29,007 children whose births were registered during the year, 28,332 were born singly, 654 children were twins, and 21 children 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 1945, and the civilian death rate per 1,000 of the population, were 16,264 and 12.3 respectively. The comparative figures for 1944 were 16,791 and 12.8. The death rate for 1945 is the lowest on record and that for 1944 is the next lowest.

Of the total deaths, 8,058 were of males and 8,206 were of females, the equivalent annual death rates being 12.6 and 12.1 per 1,000 of the male and female estimated populations, respectively. The corresponding rates for 1944 were 13.2 and 12.4.

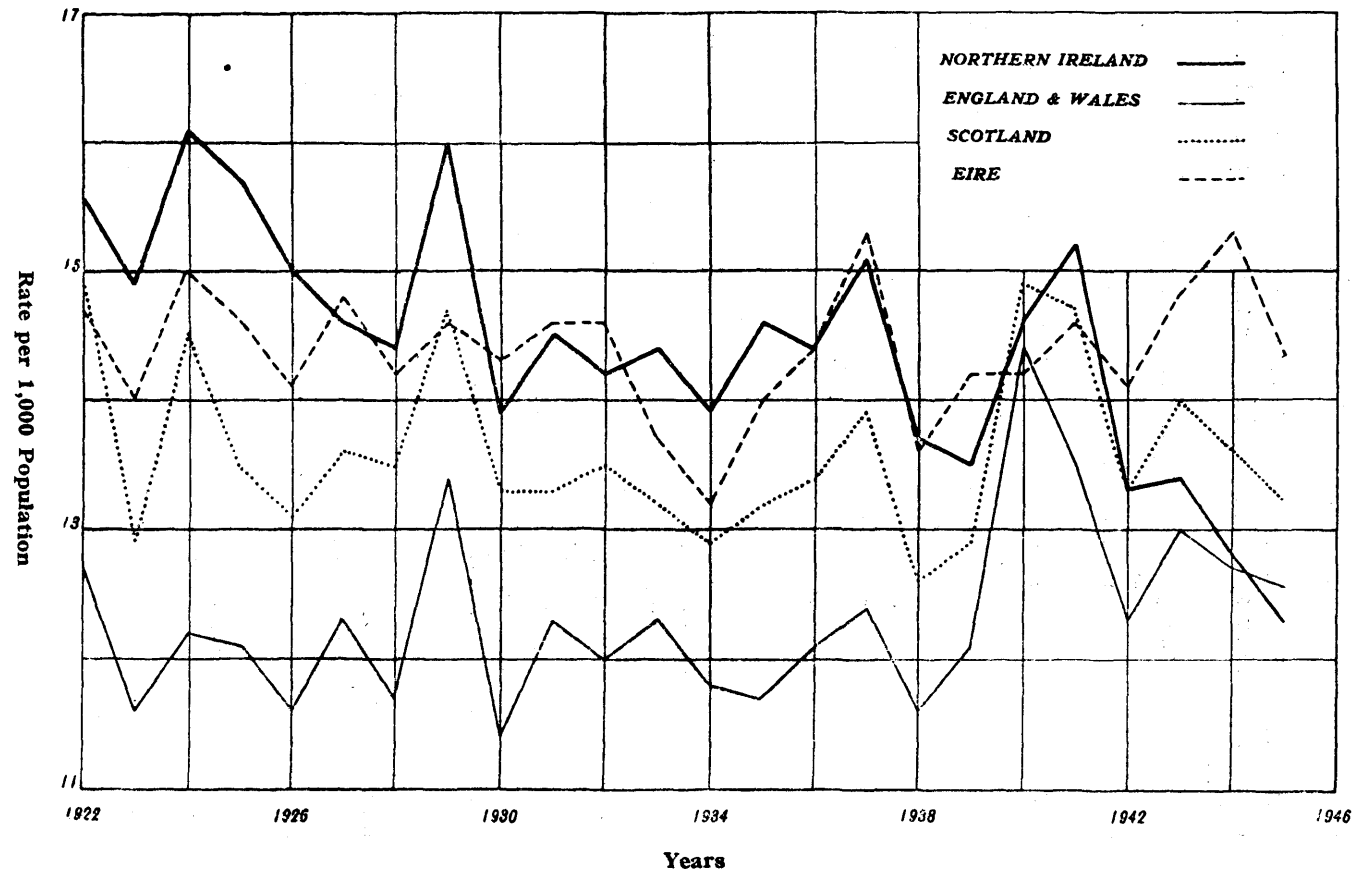
According to the ages stated to Registrars 14.4 per cent. of the total deaths were of children under 5 years of age and 52.7 per cent. were of persons aged 65 and upwards. There were 68 deaths of persons (21 males and 47 females) aged 95 and upwards; 7 of these deaths (1 male and 6 females) were of persons whose ages at death were returned as 100 years and upwards. The age of the male was given as 100 and the ages of the females were given as 4 at 100, 1 at 101 and 1 at 104.

17. Deaths in Institutions.—The numbers of deaths occurring in institutions in each of the years 1936-45 are shown in Abstract VII. 31.4 per cent. of the deaths registered in 1945 took place in institutions (2.5 per cent. in public mental hospitals, 12.5 per cent. in poor law institutions, 6.6 per cent. in district hospitals, and 9.8 per cent. in other hospitals and infirmaries), and the remaining 68.6 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 deaths taking place in institutions has risen from 17.0 in 1924 to 31.4 in 1945.

18. Proportion of Deaths from the Principal Causes.—Abstract X 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, congenital malformations, etc., and bronchitis.

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

DIAGRAM III.—Death Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-45



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), the common infectious diseases, pneumonia, diseases of the digestive system, and road traffic accidents.

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, intracranial vascular lesions, tuberculosis, bronchitis, diseases of the digestive system, pneumonia and nephritis 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 1942, together with corresponding particulars for Eire in respect of the year 1945.

19. Deaths from the Principal Epidemic Diseases*—The deaths from diseases in this group numbered 601, representing 3.7 per cent. of the total deaths. The corresponding figures for the year 1944 were 717 and 4.3.

There were, as usual, no deaths from typhus and there have been no deaths from smallpox in Northern Ireland since 1920. The numbers of deaths from the remaining diseases in this group, with the exception of measles, scarlet fever and dysentery, show decreases when compared with the figures for 1944. The decreases were most marked in connection with typhoid and paratyphoid fevers, diphtheria and influenza. To a lesser extent there were decreases in deaths from whooping cough and diarrhoeal diseases of children under two years of age.

The notifications of certain infectious diseases for each District in Northern Ireland for the year 1945 are shown in Abstract XV.

20. Influenza.—The deaths from influenza during the year numbered 139, giving a rate of 0.11 per 1,000 of the population, compared with a rate of 0.16 for the year 1944. As is usually the case, mortality was highest from this disease in the first quarter of the year.

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

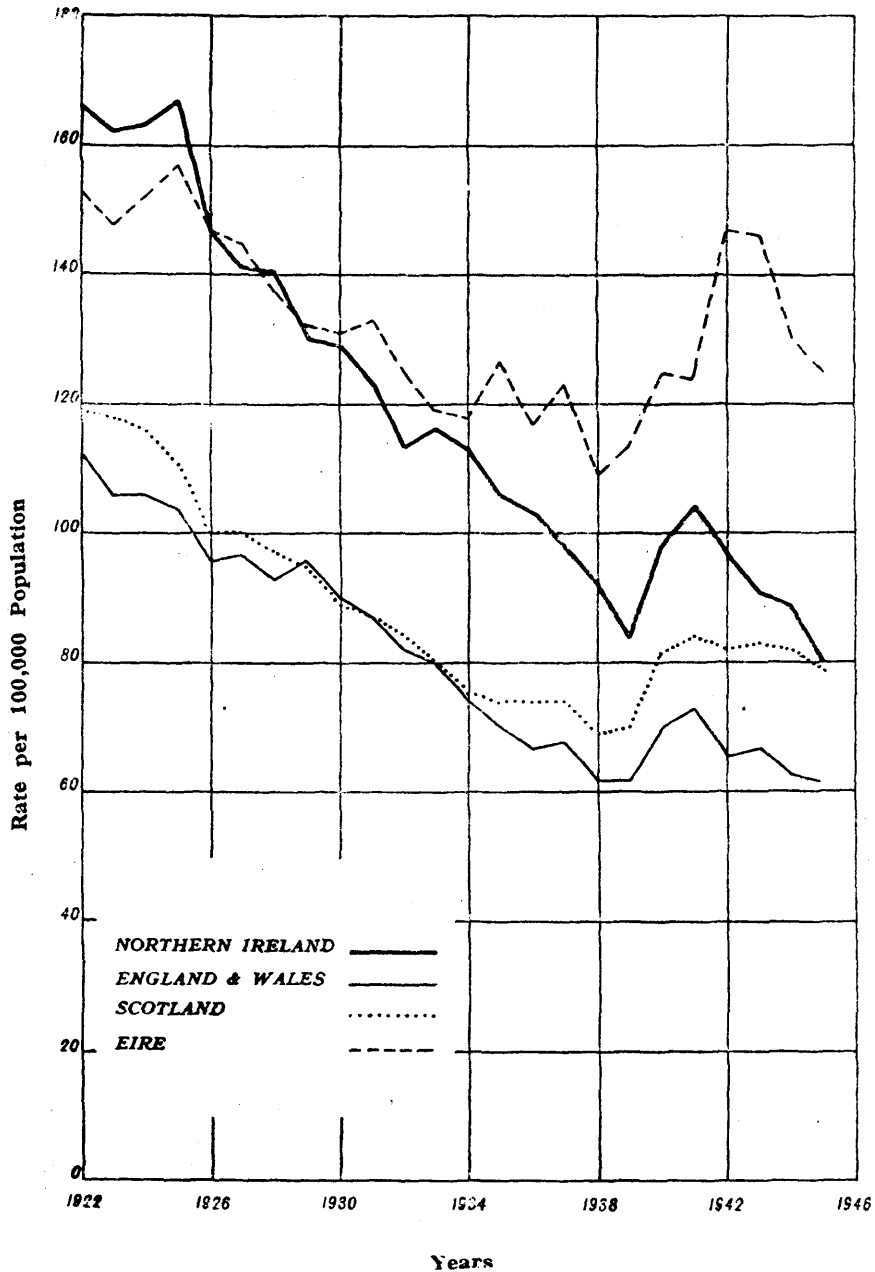
TABLE F.—Northern Ireland : Number of Deaths from the Principal Causes, Death Rates per 100,000 of Estimated Population, and Number and Percentage of Uncertified Deaths, 1942-45, with comparative figures for Eire for the year 1945.

Detailed List Nos.	CAUSES OF DEATH	Number of Deaths				Eire 1945	Rate per 100,000 popltn.				Eire 1945
		1942	1943	1944	1945		1942	1943	1944	1945	
1, 2	Typhoid and paratyphoid fevers ..	7	12	19	6	32	0.5	0.9	1.4	0.5	1.1
6	Cerebro-spinal fever ..	70	44	25	28	31	5.4	3.4	1.9	2.1	1.0
8	Scarlet fever ..	2	11	5	8	4	0.2	0.8	0.4	0.6	0.1
9	Whooping cough ..	64	113	95	76	146	5.0	8.7	7.2	5.8	4.9
10	Diphtheria ..	91	72	64	35	236	7.0	5.5	4.9	2.7	7.9
13	Tuberculosis of respiratory system ..	939	863	862	799	2,777	72.5	66.2	65.6	60.5	93.1
14-22	Other forms of tuberculosis ..	320	327	302	259	917	24.7	25.1	23.0	19.6	30.7
30	Syphilitic disease ..	68	73	75	38	59	5.2	5.6	5.7	2.9	2.0
33	Influenza ..	194	339	213	139	306	15.0	26.0	16.2	10.5	10.3
35	Measles ..	68	34	8	24	42	5.2	2.6	0.6	1.8	1.4
36	Acute poliomyelitis and polioencephalitis ..	9	6	2	14	16	0.7	0.5	0.2	1.1	0.5
37	Acute infectious encephalitis ..	26	28	18	25	22	2.0	2.1	1.4	1.9	0.7
45-55	Cancer and other malignant tumours ..	1,837	1,892	1,852	1,898	3,954	141.7	145.1	140.9	143.8	132.6
61	Diabetes ..	117	93	108	109	221	9.0	7.1	8.2	8.3	7.4
83	Intra-cranial vascular lesions ..	1,393	1,458	1,603	1,537	2,689	107.5	111.8	122.0	116.4	90.1
90-95	Heart disease ..	3,616	3,826	3,860	4,025	10,139	279.0	293.4	293.8	304.8	339.9
96-103	Other diseases of the circulatory system ..	390	350	356	322	869	30.1	26.8	27.1	24.4	29.1
106	Bronchitis ..	737	578	574	572	1,370	56.9	44.3	43.7	43.3	45.9
107-109	Pneumonia ..	859	988	786	765	1,715	66.3	75.8	59.8	58.0	57.5
104, 105 } 110-114 }	Other respiratory diseases ..	250	261	239	244	621	19.3	20.0	18.2	18.5	20.8
117	Ulceration of the stomach or duodenum ..	140	115	132	107	221	10.8	8.8	10.0	8.1	7.4
119	Diarrhoea (under 2 years of age) ..	282	425	310	309	1,092	21.8	32.6	23.6	23.4	36.6
121	Appendicitis ..	54	67	70	55	114	4.2	5.1	5.3	4.2	3.8
115, 116 } 118, 120 } 122-129 }	Other digestive diseases ..	382	389	370	332	961	29.5	29.8	28.2	25.2	32.2
130-132	Nephritis ..	397	362	360	316	1,110	30.6	27.8	27.4	23.9	37.2
140, 147	Puerperal and post-abortive sepsis ..	20	22	21	19	35	1.5	1.7	1.6	1.4	1.2
141-146 } 148-150 }	Other maternal causes ..	68	78	74	59	124	5.2	6.0	5.6	4.5	4.2
159	Premature birth ..	467	512	485	391	757	36.0	39.3	36.9	29.6	25.4
157, 158 } 160, 161 }	Congenital malformations, birth injury, infantile disease ..	755	687	642	641	1,618	58.3	52.8	48.9	48.6	54.3
163, 164	Suicide ..	44	52	48	28	71	3.4	4.0	3.7	2.1	2.4
170, 171 } 165-169 }	Road traffic accidents ..	210	146	146	113	113	16.2	11.2	11.1	8.6	3.8
172-195 } 197-198 }	Other violent causes* ..	399	367	344	327	694	30.8	28.1	26.2	24.8	23.3
	All other causes ..	2,981	2,847	2,723	2,644	9,686	230.0	218.3	207.2	200.3	324.7
	ALL CAUSES ..	17,256	17,437	16,791	16,264	42,762	1331.5	1337.2	1277.9	1232.1	1433.5
	Number and percentage of uncertified deaths ..	806	713	713	630	5,602	4.7	4.1	4.2	3.9	13.1

* Including miscellaneous accidents.

21. Tuberculosis.—The death rate from this cause of 0.80 per 1,000 of the population is 0.09 below the rate for 1944. Further, the death rate from tuberculosis in 1945 is the lowest ever recorded, the next lowest rate being that for 1944. 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 1945 were 0.62, 0.79 and 1.24 respectively.

DIAGRAM IV.—Death Rates from Tuberculosis in Northern Ireland, England and Wales, Scotland and Eire, 1922-45.



From Abstract X it will be seen that tuberculous diseases have caused 517 deaths in every 1,000 between the ages of 15 and 25, and 389 per 1,000 between 25 and 35. Further, from Abstract VI it appears that 44 per cent. of the deaths from all forms of tuberculous disease during 1945 occurred between the ages of 15 and 35, as compared with 46 per cent. in 1944.

Tuberculosis is in general much more prevalent in the cities and towns than in the country districts. In 1945 the rate per 1,000 of the population for all urban areas was 0.89 and for rural areas 0.70. The rates in 1944 were 1.02 and 0.74, respectively.

Tuberculosis of the respiratory system accounted for 76 per cent. of the total deaths from tuberculosis, as compared with 74 per cent. in 1944.

TABLE G.—Northern Ireland : Deaths and Death Rates from Tuberculosis (All Forms), 1926, 1937 and 1940-45.

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
1940	658	1.04	608	0.91	1,266	0.98
1941	694	1.11	645	0.97	1,339	1.04
1942	646	1.03	613	0.92	1,259	0.97
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

TABLE H.—Northern Ireland : Death Rates per 1,000 of the Population from Tuberculosis (All Forms) by Counties, 1926, 1937 and 1940-45.

YEAR	Antrim	Armagh	Belfast County Borough	Down	Fermanagh	Londonderry County and County Borough	Tyrone
1926	1.29	1.38	1.74	1.43	0.98	1.29	1.38
1937	0.81	1.14	1.16	0.85	1.03	0.74	0.92
1940	0.65	1.09	1.14	0.99	0.71	1.02	0.94
1941	0.81	1.03	1.20	1.00	0.74	1.03	0.93
1942	0.68	1.11	1.13	0.90	0.68	0.96	1.12
1943	0.74	0.90	1.16	0.77	0.78	0.78	0.87
1944	0.69	0.71	1.03	0.97	0.72	0.86	0.83
1945	0.60	0.75	0.93	0.78	0.68	0.81	0.81

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. Table G affords comparison of the summarised figures for 1945 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 County Borough.

22. Cancer.—The number of deaths from cancer in Northern Ireland during 1945 was 1,898, giving a death rate of 1.44 per 1,000 of the population, which is 0.03 above the rate for 1944. From Diagram V. it can be seen that the general tendency has been for this rate to show a more or less steady increase.

The death rates from cancer among males and females were 1.45 and 1.43 respectively. In 1944 the male and female rates were each 1.41.

The most frequent sites of fatal cancer among males during the year were stomach, 224; intestines, 147; rectum, 82; prostate, 64; liver and gall bladder, 52, and lungs, 48. Among females the most frequent sites were stomach, 180; intestines, 172; breast, 120; uterus, 104; liver and gall bladder, 49; ovary, 48; and rectum, 42.

Abstract XI gives particulars regarding sex, age and sites of fatal cancer during the year 1945.

23. Cerebral Haemorrhage, Apoplexy, etc.—The deaths assigned to this group (now described as "Intra-cranial vascular lesions") numbered 1,537, giving a rate of 1.16 per 1,000 of the population. This rate is 0.06 below that for 1944.

24. Heart Disease.—The deaths from the various forms of heart disease during the year numbered 4,025, the rate per 1,000 of the population being 3.0, which is 0.06 above 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 572, giving a rate of 0.43 per 1,000 of the population, which is 0.01 below the rate for 1944.

26. Pneumonia.—There were 765 deaths from pneumonia during 1945, the rate per 1,000 of the population being 0.58, compared with a rate of 0.60 per 1,000 in 1944.

27. Pregnancy and Childbirth.—The mortality of women during pregnancy and childbirth is classified under two headings, namely—(1) diseases of pregnancy, childbirth and the 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.

DIAGRAM V.—Death Rates from Cancer in Northern Ireland, England and Wales, Scotland and Eire, 1922—1945.

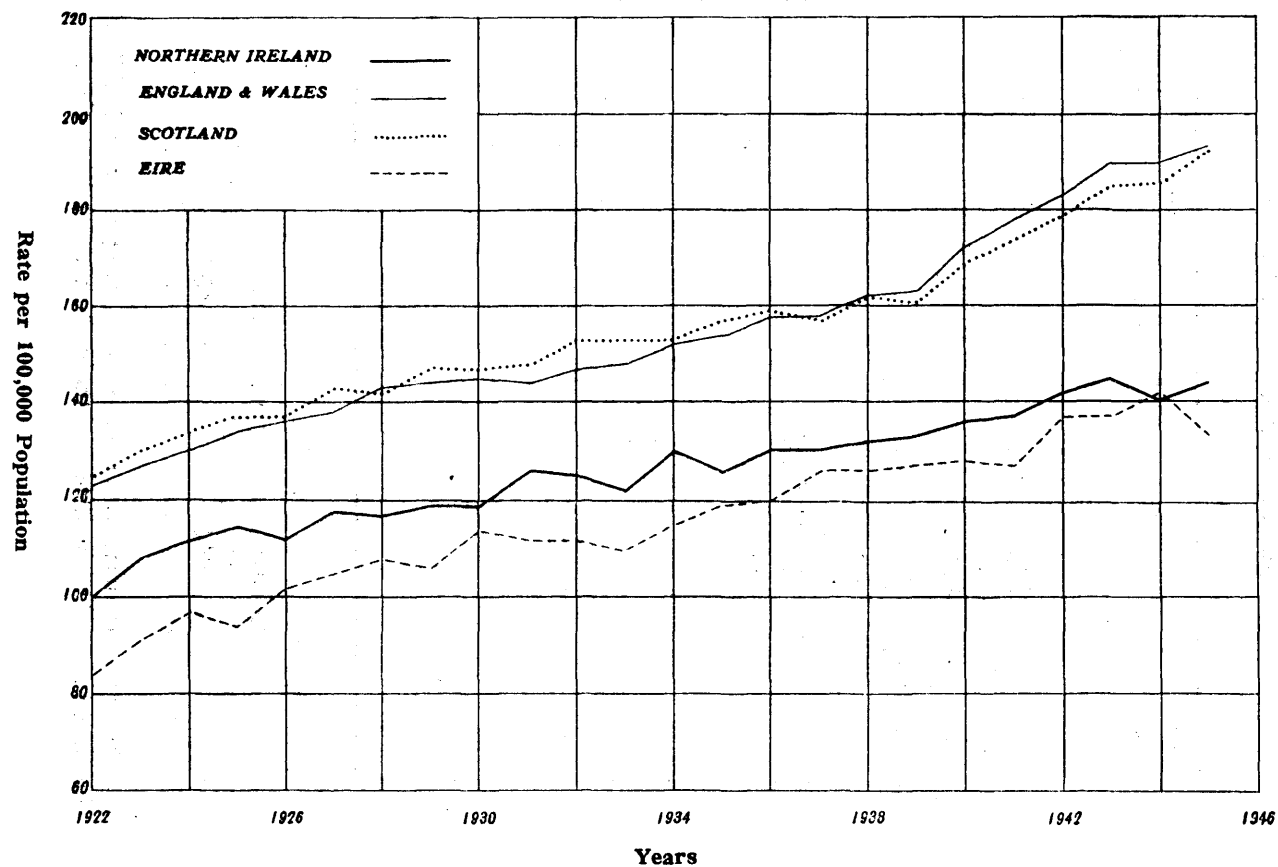


TABLE J.—Northern Ireland: Deaths of Women in Pregnancy and Childbirth, 1945.

Detailed List Nos.	Causes of Death	All Ages	Ages						
			15-	20-	25-	30-	35-	40-	45 and upwards
	DISEASES OF PREGNANCY, CHILD-BIRTH AND THE PUERPERAL STATE:								
140	Post-abortive infection ..	6	.	2	.	1	1	2	.
141	Abortion without mention of septic conditions ..	1	.	.	.	.	1	.	.
142	Ectopic gestation ..	1	.	.	.	.	1	.	.
143	Haemorrhage of pregnancy ..	8	.	1	.	4	3	.	.
144	Toxaemias of pregnancy ..	17	2	.	6	7	1	1	.
145	Other diseases and accidents of pregnancy ..	1	.	1	.	.	.	.	.
146	Haemorrhage of childbirth and the puerperium ..	12	.	1	1	1	5	4	.
147	Infection during childbirth and the puerperium ..	13	.	3	3	4	2	1	.
148	Puerperal toxaemias ..	3	.	.	3	.	.	.	.
149	Other accidents of childbirth ..	16	.	5	3	2	1	5	.
150	Other or unspecified conditions of childbirth and the puerperal state	.	.	.	.	.	.	.	.
	DISEASES OR CAUSES COMBINED WITH PREGNANCY OR CHILD-BIRTH:								
58	Rheumatic Fever ..	3	.	1	1	.	.	1	.
76	Other Diseases of the blood and blood forming organs ..	1	.	.	.	1	.	.	.
83	Intra-cranial lesions of vascular origin ..	2	.	.	1	1	.	.	.
84	Mental disorders and deficiency ..	1	.	.	.	.	1	.	.
87	Other diseases of the nervous system ..	1	.	1	.	.	.	.	.
92	Chronic affections of the valves and endocardium ..	3	.	.	1	1	1	.	.
93	Diseases of the myocardium ..	2	.	.	.	1	1	.	.
94	Diseases of the coronary arteries, angina pectoris ..	1	.	.	.	.	1	.	.
96	Aneurysm (except of heart and aorta) ..	1	.	.	.	.	.	1	.
111	Congestion, oedema, haemorrhagic infarction and thrombosis of the lungs ..	2	.	.	1	1	.	.	.
112	Asthma ..	1	.	.	1	.	.	.	.
131	Chronic nephritis ..	1	.	.	.	1	.	.	.
	TOTAL ..	97	2	15	21	25	19	15	.

From Table K it will be seen that the deaths from diseases of pregnancy, childbirth and the puerperal state in 1945 yielded a rate of 2.69 per 1,000 births, which is a decrease of 0.38 as compared with the rate for 1944. The rate for 1945 is the lowest on record. The next lowest rate (2.96) was that recorded for 1942.

The rate for diseases combined with pregnancy and childbirth increased from 0.61 in 1944 to 0.66 in the year under review.

TABLE K.—Northern Ireland : Deaths of Women in Pregnancy and Childbirth, 1926, 1937, and 1940-45.

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 Births	No.	Rate per 1,000 Births	No.	Rate per 1,000 Births	No.	Rate per 1,000 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
1940	34	1.34	73	2.88	107	4.22	24	0.95
1941	19	0.71	93	3.46	112	4.17	18	0.67
1942	20	0.67	68	2.29	88	2.96	29	0.98
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

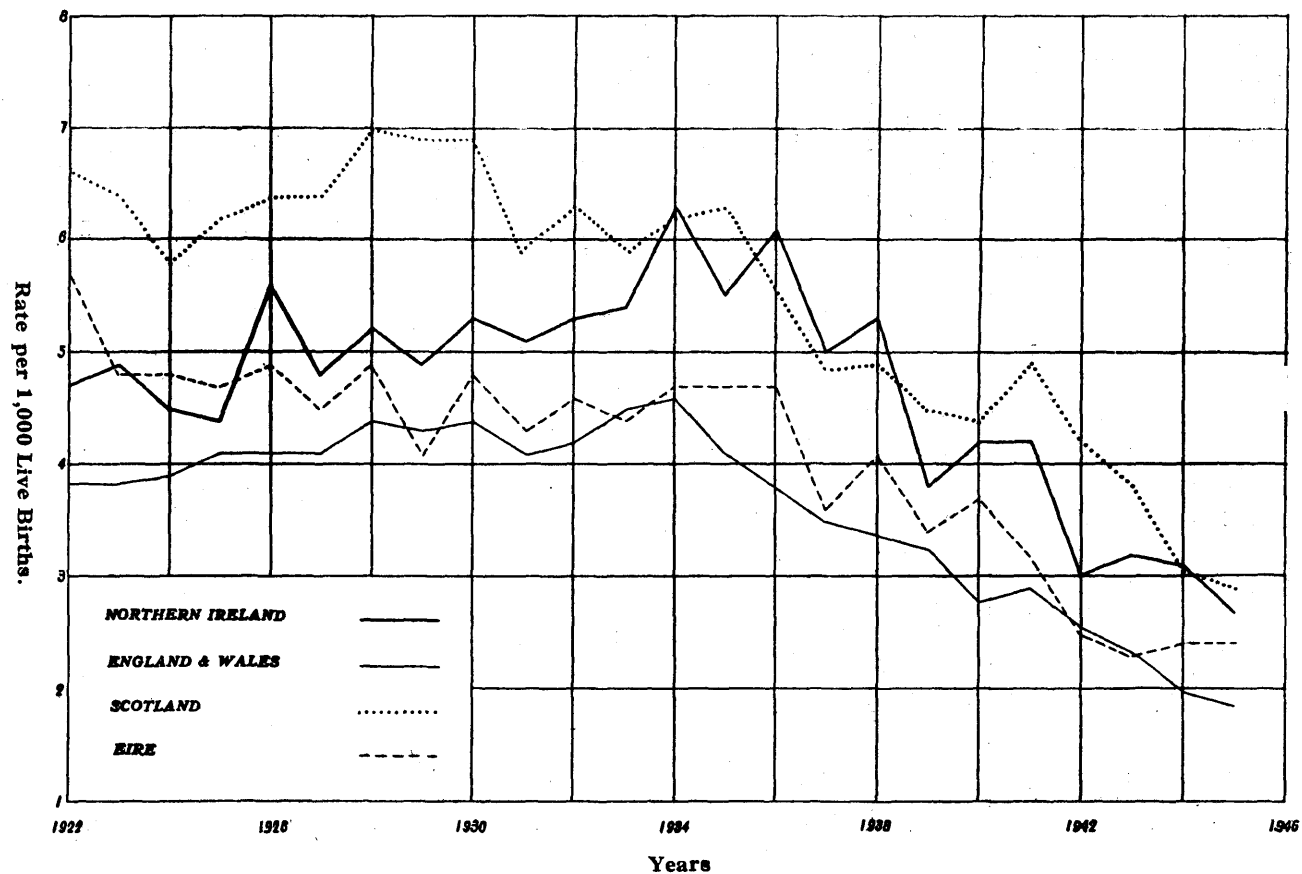
TABLE L.—Northern Ireland : Deaths of Women in Pregnancy and Childbirth in Urban and Rural Areas and in the two County Boroughs for 1945, and (in italics) for the average of the five years 1940-1944.

AREA	Total Deaths			Total Births	Death Rate per 1,000 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 {	19 23	59 77	78 100	29,007 28,863	0.66 0.80	2.03 2.68	2.69 3.48
ALL URBAN AREAS {	12 13	27 36	39 49	15,451 15,528	0.77 0.84	1.75 2.33	2.52 3.17
ALL RURAL AREAS {	7 10	32 41	39 51	13,556 13,335	0.52 0.76	2.36 3.07	2.88 3.83
Belfast Co. Borough {	9 9	9 20	18 29	9,853 9,583	0.91 0.96	0.91 2.02	1.82 2.98
Londonderry Co. Borough {	1 1	5 4	6 5	1,323 1,318	0.76 0.75	3.78 3.34	4.54 4.09

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 1945 and for the average of the years 1940 to 1944. From this it will be seen that, except in the case of Londonderry County Borough, 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 468 (288 males and 180 females), which is a decrease of 70 on the number registered for 1944, and is equivalent to 2.9 per cent. of the total deaths registered. Of these 468 deaths, 7 were attributed to homicide, 28 to suicide, and 433 to accidental causes (as compared with 482 deaths caused by accidents in 1944).

DIAGRAM VI.—Maternal Mortality Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-45.



Included in the 34 deaths from drowning, shown in Table M, there were 7 cases (all males) in which the Coroners returned a verdict of "found drowned." It is possible that some of these deaths were due to suicide.

Of the 53 deaths from burns and scalds, 18 were of children under 5 years of age.

TABLE M.—Northern Ireland: Violent Deaths, 1943-45.

CAUSES OF DEATH (with Detailed List Nos.)	1943	1944	1945		
			Total	Males	Females
<i>Homicide.</i>					
Infanticide (165) ..	2	1	3	1	2
Manslaughter (in 166-168) ..	3	4	3	.	3
Murder (in 166-168) ..	7	2	1	.	1
Justifiable Homicide (in 166-168) ..	.	1	.	.	.
<i>Suicide (163, 164) ..</i>	52	48	28	25	3
<i>Accidental Causes.</i>					
Burns and Scalds (181)	45	51	53	19	34
Drowning (183) ..	56	45	34	32	2
Fall (in 186) ..	118	112	103	39	64
Firearms (184) ..	8	7	6	5	1
Mechanical Suffocation (182) ..	26	20	18	8	10
Poison and Poisonous Gases (177-179) ..	15	15	12	6	6
Vehicles—					
Motor (170)	117	117	100	67	33
Other (171)	29	29	13	10	3
Other Accidental Causes	84	86	92	74	18
<i>Other Violent Deaths. (197, 198) ..</i>	3	.	2	2	.
TOTAL DEATHS FROM VIOLENCE ..	565	538	468	288	180

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 630, representing 3.9 per cent. of the total deaths registered. The percentage of uncertified deaths has been falling more or less steadily during the past twenty years. In 1922 uncertified deaths represented 12.7 per cent. of the total deaths.

Of the total deaths in rural areas 461, or 5.8 per cent., were uncertified; in urban areas the number was 169, or 2.0 per cent.

Deaths of persons aged 65 years and upwards represented 64.8 per cent. of the uncertified cases, and deaths of infants under 1 year of age 12.4 per cent.

30. Inquests.—The circumstances of 902 deaths were considered by the coroners in 1945, including 270 of the uncertified deaths referred to in the previous paragraph. Inquests were held in 497 of these cases, which represents one inquest for every 33 deaths registered. In 1944 the inquests numbered 575.

31. Infant Mortality.—Deaths of infants under 1 year of age numbered 1,975, or 68 per 1,000 births registered. This rate is very close to the rate of 67 returned for the year 1944, which was the lowest rate ever recorded. Of the 1,975 deaths of infants under 1 year of age, 1,087 were of males and 888 of females, the former number being equivalent to 73 per 1,000 births of males and the latter to 63 per 1,000 births of females. The corresponding rates for 1944 were 74 and 61 respectively.

The infant mortality rate for the aggregate of the Urban Districts of Northern Ireland in 1945 was 79 per 1,000 births, and the rate for the aggregate of the Rural Districts was 56 per 1,000, the corresponding rates for 1944 being 78 and 55 respectively.

In 1945 and 1944 the rates for deaths of infants under 1 year of age were each 46 per 1,000 births for England and Wales ; 56 and 65 respectively for Scotland ; and 71 and 79 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 1945.

Town			Population	Deaths of Infants under 1 year of Age per 1,000 Births
BELFAST	..	..	435,900	84
Bristol	..	..	414,320	34
Leeds	..	..	451,670	56
Sheffield	..	..	476,360	45
Edinburgh	..	..	421,000	50
LONDONDERRY	..	..	49,338	81
Burton-on-Trent	..	..	45,490	50
Chester	..	..	44,430	79
Crewe	..	..	50,160	51
Shrewsbury	..	..	42,820	50
Woking	..	..	42,030	31
Ayr	..	..	39,900	51
Kirkcaldy	..	..	42,500	40

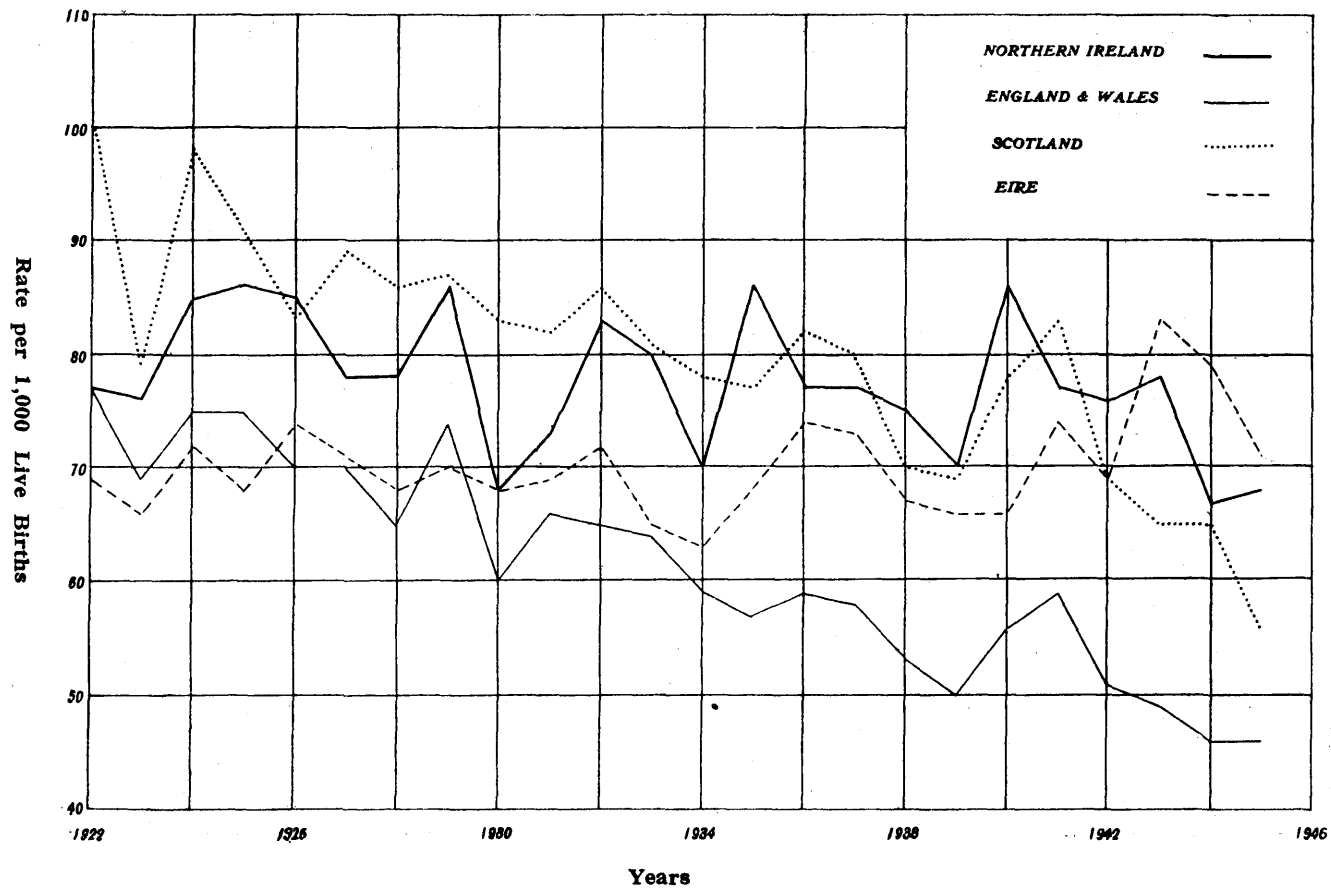
NOTE—The populations are as estimated at mid-year, 1945.

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. It will be seen that the rates for these Northern Ireland towns do not compare favourably with those for cross-channel towns of comparable size.

Abstract XII gives the infant mortality rates for Northern Ireland for each of the six years 1940-45, by causes of death, and, for the last of these years, by sexes and age-periods.

Abstract XIII 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

DIAGRAM VII.—Infant Mortality Rates in Northern Ireland, England and Wales, Scotland and Eire, 1922-45



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 1945 was 84. The corresponding rates for each of the years 1940 to 1944 were 122, 91, 92, 111 and 89 respectively. Abstract XIII gives the infant mortality rates for Belfast County Borough, for each of the six years 1940-45, by the principal causes of death. The rates for the year 1945 are given also by sexes and age-periods.

Abstract V 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 215 in 1945, which is equivalent to a rate of 137 per 1,000 of the illegitimate births registered, as compared with a rate of 130 for the previous year. The corresponding rates for legitimate children in 1945 and 1944 were each 64 per 1,000 live births.

Abstract XIV shows the deaths of illegitimate children by the principal causes and for age-periods in 1945, together with the mortality rates among illegitimate children for each of the years 1940-45. Most of these rates are considerably in excess of the corresponding rates for all children; particularly the rates for congenital debility, etc., premature birth and injury at birth, diarrhoea and enteritis, and pneumonia. 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 1,320,000, which represents the mean of the quarterly estimates, and the rates in this Report (relating to 1945) for the country as a whole have been based on this estimate. The rates for 1945 for the various divisions of the country have been based on populations calculated in the same manner as that for the country as a whole. The 1937 Census population figures for the counties and principal towns of Northern Ireland are given at the foot of Abstract V.

THE WEATHER.

Reports on the weather experienced in Northern Ireland during each month of the year 1945, 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 1945.

The year 1945 was mild and dull, with about the average amount of rainfall. The mean values for the year show that temperature was 1.9°F. above the average, rainfall equalled 99 per cent. of the average and sunshine 92 per cent. of the average. Among outstanding features of the weather were the intense cold of January, the unusual mildness of the months February to April and September to December and the cold, frosty spell at the end of April and be-

ginning of May. Other notable features include the quiet, dull and exceptionally dry November, the prolonged wet and dull period of May to July inclusive and the sunny, dry August.

The weather of *January* was exceptionally cold, with intense frost and appreciable snow. A copious and very beautiful deposit of rime occurred between the 23rd and 28th. Temperature in the screen fell to 2°F. at Garvagh, on the 28th. In strong contrast *February* was notably mild with south-westerly winds. It was the mildest February for many years : at Armagh the mean temperature was the highest for February in a record back to 1871. *March* was also distinguished by exceptional mildness, mean temperature being 5.7°F. above the average. The month was not so warm as the exceptionally warm March of 1938, but apart from this it was probably the warmest March since before 1881. The month was dull and dry, the general rainfall being only 57 per cent. of the average and the duration of bright sunshine 81 per cent. of the average. The weather of *April* was sunny and dry, with large fluctuations of temperature. Mean temperature was 3.9°F. above the average; the period 16th-19th was very warm, but the 27th-30th was cold. The extreme temperatures were 71°F. at Armagh, on the 18th, and at Lisburn, on the 19th, and 27°F. at Lisburn on the 30th. The month was the sunniest of the year. In marked contrast the weather of *May* was unsettled, notably wet and rather dull. The general rainfall was 185 per cent. of the average, the percentages at individual stations ranging from 148 at Armagh to 214 at Aldergrove. Mean temperature somewhat exceeded the average; the opening days were cold but the week ending the 12th was warm. The extremes were 75°F. at Armagh, and Lisburn, on the 11th, and 27°F. at Garvagh and Aldergrove, on the 4th. *June* was unsettled, wet and dull, with a mean temperature slightly above the average.

The weather of *July*, like that of the two preceding months, was wet and dull. Mean temperature was 0.9°F. above the average. Thunderstorms occurred between the 12th and 16th. A welcome change in the weather occurred in *August*, which was dry and sunny, with a mean temperature 1.6°F. above the average. The weather of *September* was mild, dull and rather wet on the whole. Anti-cyclonic conditions, with little or no rain, prevailed for the first eight days; subsequently unsettled conditions set in and continued for the most part until the 28th. The duration of bright sunshine was only 78 per cent. of the average; at Aldergrove it was the dullest September since records were first taken in 1927. *October* was very mild, dull and wet. The period 23rd-27th was very unsettled and a wind speed of 72 m.p.h. was registered in a gust at Aldergrove, on the 24th. *November* was quiet, mild, dull and exceptionally dry; at Armagh it was the driest November in a record back to 1854. Sunshine was scanty, the percentage of the average being only 70. The weather of *December* was mild and unsettled, with winds mainly from a southerly point. Temperature was 2.8°F. above the average and the general rainfall was 94 per cent. of the average. In contrast to the three preceding months sunshine was somewhat above the average.

TABLE O.—Northern Ireland : Air Temperature, Rainfall, and Sunshine obtained from Readings taken at the Stations of Armagh, Garvagh and Aldergrove, 1945.

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 $\frac{1}{2}$ (Max. + Min.)						
January ..	50	12	39.3	28.5	33.9	-6.7	52	81	16	1.38	-0.09
February ..	58	31	51.2	40.1	45.7	+5.0	68	120	20	2.10	-0.18
March ..	62	27	54.2	41.8	48.0	+5.9	33	56	12	2.85	-0.63
April ..	71	28	57.4	41.8	49.6	+4.3	39	74	14	5.56	+0.55
May ..	75	30	60.8	43.7	52.3	+1.2	89	148	22	4.68	-0.67
June ..	72	43	63.8	49.4	56.6	+0.9	106	165	21	4.48	-1.10
July ..	75	46	67.4	52.9	60.1	+1.2	88	120	19	3.90	-0.78
August ..	77	45	68.5	51.5	60.0	+1.9	42	46	13	4.63	+0.31
September ..	73	43	64.4	50.1	57.3	+3.0	62	100	16	3.21	-0.71
October ..	67	38	58.7	46.0	52.3	+3.4	84	121	13	2.55	-0.25
November ..	57	28	51.0	40.3	45.7	+2.8	11	15	8	1.40	-0.74
December ..	54	31	48.7	39.3	44.0	+3.2	62	78	24	—	—
Year 1945	77	12	57.1	43.8	50.5	+2.2	737	91	198	—	—
GARVAGH*											
January ..	50	2	38.3	27.1	32.7	-6.7	113	130	20	1.59	+0.13
February ..	58	28	50.3	38.0	44.1	+4.4	93	116	23	2.31	-0.07
March ..	63	26	53.5	40.3	46.9	+5.8	32	41	16	2.83	-0.61
April ..	69	30	56.1	40.7	48.4	+3.7	44	70	15	5.75	+0.75
May ..	72	27	58.9	43.1	51.0	+0.9	118	192	24	5.31	-0.50
June ..	72	39	62.8	47.7	55.3	+0.9	111	172	24	4.78	-1.23
July ..	73	41	65.5	52.1	58.9	+1.1	129	157	25	4.25	-0.99
August ..	76	43	66.4	50.9	58.7	+1.9	45	45	13	4.96	+0.46
September ..	71	39	63.4	48.2	55.8	+2.6	81	107	18	3.37	-0.74
October ..	68	35	57.6	44.7	51.1	+3.2	99	110	14	2.38	-0.48
November ..	57	27	50.7	39.6	45.1	+3.1	18	18	12	1.42	-0.67
December ..	53	25	47.5	38.0	42.7	+2.5	102	100	28	1.48	+0.14
Year 1945	76	2	55.9	42.5	49.2	+1.9	965	100	232	3.37	-0.32
ALDERGROVE.											
January ..	49	12	37.8	28.9	33.3	-6.8	80	115	18	1.47	+0.11
February ..	57	28	49.2	40.3	44.7	+4.5	70	115	23	2.50	+0.34
March ..	61	25	52.6	41.4	47.0	+5.3	30	48	14	2.87	-0.72
April ..	68	28	55.5	41.4	48.5	+3.7	40	74	14	6.35	+1.25
May ..	70	27	58.0	43.3	50.7	+0.4	123	214	24	5.13	-0.92
June ..	70	42	61.8	49.0	55.4	+0.4	105	172	22	4.70	-1.18
July ..	72	43	64.5	52.6	58.5	+0.3	89	125	18	4.34	-0.54
August ..	74	45	65.7	51.7	58.7	+1.0	29	31	10	5.36	+0.94
September ..	70	42	62.2	49.9	56.1	+2.2	73	117	15	2.88	-1.20
October ..	68	33	56.8	46.4	51.6	+3.0	80	105	17	2.07	-0.66
November ..	58	28	50.2	41.5	45.9	+3.2	22	26	11	1.49	-0.44
December ..	54	27	46.8	39.4	43.1	+2.6	87	100	26	1.42	+0.11
Year 1945	74	12	55.1	43.8	49.5	+1.7	828	99	212	3.38	-0.24

* Sunshine recorder at Hillsborough.

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

1945

**ABSTRACT I.—Northern Ireland : Method of Celebration of
Marriages Registered, 1945.**

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	10,452	3,027	3,095	73	2,500	64	12	808	22	837	8	6
ANTRIM	1,595	332	688	22	340	6	4	101	2	99	.	3
ARMAGH	684	310	86	1	211	4	.	54	4	11	.	1
BELFAST Co. BOROUGH	4,290	926	1,249	15	1,026	35	3	491	11	526	8	.
DOWN	1,615	392	597	23	385	11	4	73	4	125	.	1
FERMANAGH ..	331	173	5	.	122	1	.	18	.	12	.	.
LONDONDERRY Co. AND Co. BOROUGH	1,157	504	314	9	247	7	1	31	1	43	.	.
TYRONE	780	390	156	3	169	.	.	40	.	21	.	1

**ABSTRACT II.—Northern Ireland : Marriages Registered in
each Quarter, Conjugal Condition of Persons contracting
Marriages and Number of Minors, 1945.**

COUNTIES.	Total Marriages Registered in the Quarter ended the last day of				MARRIAGES								Of Persons not of Full Age	
					Contracted between				Of					
	March.	June.	September.	December.	Bachelors and Spinsters.	Bachelors and Widows.	Widowers and Spinsters.	Widowers and Widows.	Widowers.	Widows.	Men.	Women.		
NORTHERN IRELAND	2,140	2,806	2,984	2,522	9,726 ^a	179 ^b	421 ^c	126	547	305	488	1,865		
ANTRIM	326	420	434	415	1,495	19	67	14	81	33	78	282		
ARMAGH	123	198	201	162	654	3	21	6	27	9	24	104		
BELFAST Co. BOROUGH	882	1,090	1,264	1,054	3,949	102	169	70	239	172	238	832		
DOWN	315	460	431	409	1,515	16	67	17	84	33	58	244		
FERMANAGH ..	74	97	93	67	304	8	17	2	19	10	6	36		
LONDONDERRY Co. AND Co. BOROUGH ..	258	331	323	245	1,088	15	45	9	54	24	60	243		
TYRONE	162	210	238	170	721	16	35	8	43	24	24	124		

(a) 59 divorced men married spinsters and 35 divorced women married bachelors. In 1 case each party had been divorced.

(b) 5 divorced men married widows.

(c) 6 divorced women married widowers.

ABSTRACT III.—Northern Ireland : Births in each of the Four Quarters, 1945.
(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.
NORTHERN IRELAND ..	29,007	7,332	7,509	7,188	6,978	14,945	3,712	3,894	3,732	3,607	14,062	3,620	3,615	3,456	3,371
ANTRIM	4,246	1,047	1,117	1,119	963	2,172	510	580	593	489	2,074	537	537	526	474
ARMAGH	2,388	593	628	600	567	1,186	306	314	294	272	1,202	287	314	306	295
BELFAST Co. BOROUGH ..	9,853	2,492	2,571	2,404	2,386	5,136	1,244	1,350	1,278	1,264	4,717	1,248	1,221	1,126	1,122
DOWN	4,688	1,205	1,161	1,165	1,157	2,387	625	569	604	589	2,301	580	592	561	568
FERMANAGH	1,142	329	296	260	257	600	177	158	130	135	542	152	138	130	122
LONDONDERRY Co. AND Co. BOROUGH ..	3,696	925	978	889	904	1,887	461	529	421	476	1,809	464	449	468	428
TYRONE	2,994	741	758	751	744	1,577	389	394	412	382	1,417	352	364	339	362

ABSTRACT IV.—Northern Ireland : Deaths in each of the Four Quarters, 1945.

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.
NORTHERN IRELAND ..	16,264	5,249	3,962	3,339	3,714	8,058	2,598	2,033	1,629	1,798	8,206	2,651	1,929	1,710	1,916
ANTRIM	2,444	788	562	529	565	1,186	388	284	258	256	1,258	400	278	271	309
ARMAGH	1,455	490	331	298	336	709	225	163	151	170	746	265	168	147	166
BELFAST Co. BOROUGH ..	5,069	1,618	1,236	1,053	1,162	2,485	799	626	508	552	2,584	819	610	545	610
DOWN	2,856	894	718	600	644	1,422	455	376	286	305	1,434	439	342	314	339
FERMANAGH	746	267	170	135	174	402	137	89	76	100	344	130	81	59	74
LONDONDERRY Co. AND Co. BOROUGH ..	1,956	608	520	372	456	964	299	273	172	220	992	309	247	200	236
TYRONE	1,738	584	425	352	377	890	295	222	178	195	848	289	203	174	182

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

Short List Nos.	CAUSES OF DEATH, Etc.	NORTHERN IRELAND.		NORTHERN IRELAND.				COUNTIES.	
				TOTAL URBAN AREAS.		TOTAL RURAL AREAS.		ANTRIM.	
		M	F	M	F	M	F	M	F
	ALL CAUSES	8,058	8,206	4,033	4,276	4,025	3,930	1,186	1,258
1	Typhoid and paratyphoid fevers	1	5	.	3	1	2	.	.
2	Cerebro-spinal fever	18	10	10	5	8	5	2	3
3	Scarlet fever	2	6	1	3	1	3	.	1
4	Whooping cough	29	47	18	18	11	29	6	15
5	Diphtheria	18	17	12	6	6	11	.	1
6	Tuberculosis of respiratory system	391	408	232	241	159	167	55	43
7	Other forms of tuberculosis	131	128	74	69	57	59	12	18
8	Syphilitic disease	27	11	20	7	7	4	4	1
9	Influenza	66	73	20	26	46	47	11	9
10	Measles	13	11	10	8	3	3	.	3
11	Acute poliomyelitis and polio-encephalitis	9	5	4	3	5	2	1	2
12	Acute infectious encephalitis	12	13	8	11	4	2	.	2
13—16	Cancer and other malignant tumours	932	966	496	568	436	398	155	167
17	Diabetes	34	75	16	42	18	33	4	9
18	Intra-cranial vascular lesions	636	901	296	444	340	457	99	142
19	Heart disease	1,980	2,045	903	1,019	1,077	1,026	323	314
20	Other diseases of the circulatory system	154	168	80	99	74	69	25	30
21	Bronchitis	309	263	183	165	126	98	36	20
22	Pneumonia	399	366	222	215	177	151	50	51
23	Other respiratory diseases	128	116	70	67	58	49	18	13
24	Ulceration of the stomach or duodenum	75	32	41	17	34	15	12	7
25	Diarrhoea (under 2 years of age)	189	120	135	89	54	31	21	6
26	Appendicitis	36	19	13	11	23	8	8	3
27	Other digestive diseases	153	179	81	96	72	83	18	25
28	Nephritis	178	138	87	66	91	72	26	15
29	Puerperal and post-abortive sepsis	—	19	—	12	—	7	—	3
30	Other maternal causes	—	59	—	27	—	32	—	9
31	Premature birth	210	181	127	128	83	53	22	20
32	Congenital malformations, birth injury, infantile disease	338	303	203	167	135	136	26	30
33	Suicide	25	3	11	2	14	1	3	.
34	Road traffic accidents	77	36	40	26	37	10	12	9
35	Other violent causes*	186	141	98	61	88	80	23	19
36	All other causes	1,302	1,342	522	555	780	787	214	268
	Deaths under one year of age	1,087	888	672	548	415	340	109	94
	Deaths 65 years and upwards	4,073	4,490	1,678	2,088	2,395	2,402	694	779
	Uncertified Deaths	317	313	89	80	228	233	35	31
	Total Births	14,945	14,062	7,969	7,482	6,976	6,580	2,172	2,074
	Illegitimate Births	826	743	403	370	423	373	129	123
	Population (Census 1937)	623,154	656,591	317,230	362,405	305,924	294,186	96,003	101,263

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.

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

Short List Nos.	CAUSES OF DEATH. Etc.	NORTHERN IRELAND.		NORTHERN IRELAND.				COUNTIES.	
				TOTAL URBAN AREAS.		TOTAL RURAL AREAS.		ANTRIM.	
		M	F	M	F	M	F	M	F
	ALL CAUSES ..	8,058	8,206	4,033	4,276	4,025	3,930	1,186	1,258
1	Typhoid and paratyphoid fevers ..	1	5	.	3	1	2	.	.
2	Cerebro-spinal fever ..	18	10	10	5	8	5	2	3
3	Scarlet fever ..	2	6	1	3	1	3	.	1
4	Whooping cough ..	29	47	18	18	11	29	6	15
5	Diphtheria ..	18	17	12	6	6	11	.	1
6	Tuberculosis of respiratory system ..	391	408	232	241	159	167	55	43
7	Other forms of tuberculosis ..	131	128	74	69	57	59	12	18
8	Syphilitic disease ..	27	11	20	7	7	4	4	1
9	Influenza ..	66	73	20	26	46	47	11	9
10	Measles ..	13	11	10	8	3	3	.	3
11	Acute poliomyelitis and polio- encephalitis ..	9	5	4	3	5	2	1	2
12	Acute infectious encephalitis ..	12	13	8	11	4	2	.	2
13—16	Cancer and other malignant tumours ..	932	966	496	568	436	398	135	167
17	Diabetes ..	34	75	16	42	18	33	4	9
18	Intra-cranial vascular lesions ..	636	901	296	444	340	457	99	142
19	Heart disease ..	1,980	2,045	903	1,019	1,077	1,026	323	314
20	Other diseases of the circulatory system ..	154	168	80	99	74	69	25	30
21	Bronchitis ..	309	263	183	165	126	98	36	20
22	Pneumonia ..	399	366	222	215	177	151	50	51
23	Other respiratory diseases ..	128	116	70	67	58	49	18	13
24	Ulceration of the stomach or duodenum ..	75	32	41	17	34	15	12	7
25	Diarrhoea (under 2 years of age) ..	199	120	135	89	54	31	21	6
26	Appendicitis ..	36	19	13	11	23	8	8	3
27	Other digestive diseases ..	153	179	81	96	72	83	18	25
28	Nephritis ..	178	138	87	66	91	72	26	15
29	Puerperal and post-abortive sepsis ..	—	19	—	12	—	7	—	3
30	Other maternal causes ..	—	59	—	27	—	32	—	9
31	Premature birth ..	210	181	127	128	83	53	22	20
32	Congenital malformations, birth injury, infantile disease ..	338	303	203	167	135	136	26	30
33	Suicide ..	25	3	11	2	14	1	3	.
34	Road traffic accidents ..	77	36	40	26	37	10	12	9
35	Other violent causes* ..	186	141	98	61	88	80	23	19
36	All other causes ..	1,302	1,342	522	555	780	787	214	268
	Deaths under one year of age ..	1,087	888	672	548	415	340	109	94
	Deaths 65 years and upwards ..	4,073	4,490	1,678	2,088	2,395	2,402	694	779
	Uncertified Deaths ..	317	313	89	80	228	233	35	31
	Total Births ..	14,945	14,062	7,969	7,482	6,976	6,580	2,172	2,074
	Illegitimate Births ..	826	743	403	370	423	373	129	123
	Population (Census 1937) ..	623,154	656,591	317,230	362,405	305,924	294,186	98,003	101,263

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.

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

Short List Nos.	CAUSES OF DEATH, Etc.	TOWNS.									
		Londonderry Co. Boro.		Bangor M.B.		Lurgan U.D.		Lisburn U.D.		Ballymena M.B.	
		M	F	M	F	M	F	M	F	M	F
	ALL CAUSES	306	328	141	144	81	93	78	69	62	88
1	Typhoid and paratyphoid fevers .. ..	.	2	.	.	.	.	.	.	.	.
2	Cerebro-spinal fever	1	.	.	.	.	.	.	.	.	.
3	Scarlet fever	1	1	.	.	.	.	.	.	.	.
4	Whooping cough	1	2	.	.	.	.	.	.	2	2
5	Diphtheria	4	2	.	.	.	.	.	.	.	.
6	Tuberculosis of respiratory system	16	19	8	4	2	6	5	2	5	4
7	Other forms of tuberculosis ..	9	4	2	2	4	3	.	1	.	1
8	Syphilitic disease	1	.	1	.	.	.	.	.	.	.
9	Influenza	1	2	.	.	5	3	.	3	2	.
10	Measles	2	1	.	.	1	.	.	1	.	1
11	Acute poliomyelitis and polio- encephalitis .. ..	.	.	.	.	1	.	.	.	.	1
12	Acute infectious encephalitis ..	.	.	.	1	1	.	.	.	.	.
13—16	Cancer and other malignant tumours	20	40	19	22	13	8	17	10	7	12
17	Diabetes	4	4	.	2	1	1	.	.	.	1
18	Intra-cranial vascular lesions ..	24	28	9	25	6	13	4	5	3	7
19	Heart disease	52	76	41	49	17	25	27	19	12	19
20	Other diseases of the circulatory system	7	5	1	4	1	2	1	2	3	5
21	Bronchitis	19	13	3	8	1	2	1	1	1	1
22	Pneumonia	27	16	4	5	3	3	4	4	1	2
23	Other respiratory diseases ..	8	2	3	2	.	.	1	1	.	.
24	Ulceration of the stomach or duodenum	7	1	1	.	1	.	2	.	.	.
25	Diarrhoea (under 2 years of age)	9	8	.	.	2	1	2	.	1	1
26	Appendicitis .. ..	.	2	1	.	.	.	.	.	.	.
27	Other digestive diseases ..	4	9	4	1	2	4	1	1	3	1
28	Nephritis	5	10	3	1	2	4	1	2	1	.
29	Puerperal and post-abortive sepsis	—	1	—	.	—	.	—	.	—	.
30	Other maternal causes ..	—	5	—	.	—	.	—	.	—	.
31	Premature birth	12	6	.	1	1	4	1	2	6	6
32	Congenital malformations, birth injury, infantile disease ..	22	24	3	4	2	2	1	3	.	3
33	Suicide .. ..	.	.	1	.	.	.	.	.	.	.
34	Road traffic accidents ..	2	1	.	.	3	.	.	.	2	1
35	Other violent causes* ..	3	2	19	.	3	2	1	1	.	3
36	All other causes	45	42	18	13	9	10	9	11	13	17
Deaths under one year of age ..		62	45	4	6	8	8	8	7	12	13
Deaths 65 years and upwards ..		100	123	71	101	34	47	37	40	33	45
Uncertified Deaths		5	.	4	3	1	1	1	.	.	1
Total Births		689	634	156	170	154	158	153	125	128	127
Illegitimate Births		34	35	10	9	5	2	7	1	8	14
Population (Census 1937) ..		22,344	25,469	6,647	9,122	6,404	7,362	5,943	7,099	6,044	6,884

* Including miscellaneous accidents.

(i) Deaths from Principal Causes in 1945.
and other Statistics.

TOWNS—(Contd.)														Detailed List Nos.
Newry U.D.		Portadown U.D.		Larne M.B.		Newtownards M.B.		Coleraine M.B.		Armagh U.D.		Omagh U.D.		
M 95	F 91	M 77	F 97	M 68	F 61	M 56	F 66	M 58	F 61	M 50	F 45	M 33	F 39	
.	.	.	.	.	.	.	.	.	.	.	.	.	.	1,2
.	.	.	.	.	.	.	.	.	.	.	.	.	.	6
.	.	.	.	.	.	.	.	.	.	.	.	.	.	8
.	.	.	.	1	.	.	.	.	.	.	.	.	1	9
1	.	.	2	.	.	1	1	.	.	.	.	.	.	10
6	9	2	6	3	2	.	1	2	2	1	2	2	3	13
1	3	.	.	1	1	1	.	1	2	1	2	1	.	14—22
1	.	.	.	1	.	.	.	.	.	2	1	1	.	30
2	.	1	.	1	.	.	1	.	.	.	.	2	.	33
.	.	.	.	.	.	.	.	.	.	.	.	.	.	35
.	.	.	.	.	.	.	.	.	.	.	.	.	.	36
.	.	1	1	.	.	.	.	.	.	.	.	.	.	37
14	7	10	11	9	12	6	11	5	7	5	5	4	4	45—55
.	1	.	3	.	1	.	.	.	1	.	.	.	.	61
4	10	7	5	3	3	1	6	5	10	4	6	.	5	83
19	18	11	21	17	16	25	19	21	17	15	14	5	9	90—95
2	3	1	1	3	1	1	1	.	1	1	1	.	.	96—103
2	5	9	2	2	.	1	1	2	4	3	1	.	.	106
7	3	5	11	6	5	.	3	1	4	.	1	2	.	107—109
.	1	3	1	1	.	.	4	2	.	1	1	.	1	{ 104, 105 110—114
1	2	2	.	2	2	2	1	.	.	1	.	.	.	117
5	2	1	2	1	.	1	.	1	1	.	.	1	2	119
.	.	.	.	.	1	1	.	.	.	2	.	.	.	121
1	1	1	2	.	.	2	1	1	1	4	.	.	.	{ 115, 116 118, 120 122—129
3	4	1	1	1	1	1	2	3	2	.	2	2	.	130—132
—	.	—	.	—	.	—	1	—	.	—	.	—	.	140, 147
—	1	—	1	—	.	—	1	—	1	—	2	—	.	{ 141—146 148—150
4	3	7	3	2	.	3	2	3	2	.	1	2	2	159
6	2	2	4	3	4	4	3	3	1	3	1	3	3	{ 157, 158 160, 161
.	.	.	.	.	.	.	.	.	.	.	.	.	.	163, 164
.	1	1	2	.	.	.	.	.	.	1	.	.	.	170, 171
3	2	4	2	1	.	1	.	.	.	1	1	1	.	{ 165—169 172—195
12	13	8	16	10	12	5	7	8	5	5	4	7	9	197, 198
18	9	13	11	9	7	9	7	6	5	4	4	8	9	—
32	36	37	46	31	35	28	30	31	34	22	23	11	22	—
.	.	1	2	2	1	4	2	1	2	.	.	.	3	—
190	163	128	158	110	112	126	104	76	77	70	80	68	76	—
3	8	9	10	3	7	5	7	9	3	2	1	7	5	—
5,932	6,814	5,796	6,644	5,067	6,023	4,835	5,711	4,293	4,887	3,563	3,501	2,767	2,974	—

ABSTRACT VI.—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* 8,058 F 8,206	154 136	177 146	176 150	140 102	89 64	199 166	152 124	1,087 888	96 90	52 34	27 24	17 26	1,279 1,062
1-17	I. Infective and Parasitic Diseases	M 768 F 773	. 1	1 .	6 2	11 5	5 5	17 20	25 33	65 66	37 31	22 13	13 8	6 13	143 131
18-24	II. Cancer and other Tumours	M 961 F 1,016	. .	. .	. .	1 .	. .	. .	. .	1 .	1 .	1 .	1 .	. .	3 1
25-30	III. Rheumatism, Diseases of Nutrition and of the Endocrine Glands, other General Diseases and Vitamin-deficiency Diseases	M 99 F 204	. .	. .	. 1	. .	2 .	2 2	2 3	6 3	1 1	. 2	1 2	. 4	8 12
31, 32	IV. Diseases of the Blood and Blood-forming Organs	M 65 F 90	. .	. .	1 .	. .	. .	2 .	2 .	3 2	. 1	1 1	. .	. .	4 4
33, 34	V. Chronic Poisoning and Intoxication	M 7 F .	..	..	..	..	..	..	..	..	..	..	..	..	..
35-41	VI. Diseases of the Nervous System and Sense Organs	M 807 F 1,065	1 1	6 4	7 4	8 8	5 3	12 14	10 5	49 39	4 6	3 4	. .	2 .	58 49
42-48	VII. Diseases of the Circulatory System	M 2,134 F 2,213	. .	. .	1 .	. .	1 .	3 .	1 .	5 1	. 1	. .	1 1	1 1	7 3
49-52	VIII. Diseases of the Respiratory System	M 1,836 F 745	. .	10 3	32 29	29 16	27 23	58 49	43 41	199 161	27 29	5 5	3 2	1 .	235 197
53-60	IX. Diseases of the Digestive System	M 453 F 350	1 1	2 1	29 8	36 20	21 14	66 44	48 27	203 115	10 9	6 1	1 3	2 1	222 129
61-67	X. Diseases of the Urinary and Genital Systems (not Venereal or connected with Pregnancy or the Puerperium)	M 418 F 165	. .	. .	1 .	. .	1 .	1 1	3 .	6 1	2 1	1 .	. 1	. .	9 3
68-72	XI. Diseases of Pregnancy, Childbirth and the Puerperal State	F 78	..	..	..	..	..	..	..	..	..	..	..	..	..
73	XII. Diseases of the Skin and Cellular Tissue	M 17 F 18	. .	1 .	2 1	1 1	. .	2 4	1 1	7 7	. 1	. .	. .	. .	7 8
74	XIII. Diseases of the Bones and Organs of Movement	M 8 F 10	. .	. .	. .	. .	. .	1 1	. .	1 .	1 .	. .	1 1	. .	1 3
75	XIV. Congenital Malformations	M 116 F 114	15 11	18 22	15 22	19 18	9 8	12 9	7 8	95 98	5 3	4 2	2 .	. 2	106 105
76-79	XV. Diseases peculiar to the First Year of Life	M 432 F 370	135 114	137 113	81 82	34 30	15 9	21 15	9 7	432 370	— —	— —	— —	— —	432 370
80	XVI. Senility, Old Age	M 597 F 781	..	..	..	..	..	..	..	..	..	..	..	..	..
81-86	XVII. Violent or Accidental Deaths	M 1,288 F 180	1 5	2 3	2 .	1 4	2 1	2 4	1 2	11 19	8 5	9 6	6 6	3 5	37 41
87	XVIII. Ill-defined Causes of death	M 152 F 34	1 3	. .	. .	. .	1 1	3 1	. .	5 5	1 1	. .	. .	1 .	7 6

* Including the deaths of three males for whom no ages were stated.

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

of Death at different Age-Periods, 1945.

DEATH																			Detailed List Nos.
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95 and up- wards	
75 75	60 43	97 110	116 155	106 161	134 171	140 179	199 199	281 259	371 313	456 401	668 588	803 840	1,185 1,176	1,022 1,124	635 734	314 413	93 156	21 47	M } F }
28 24	16 20	48 65	52 93	47 80	51 63	46 48	57 28	52 27	53 26	38 32	43 33	32 38	33 32	18 16	6 11	4 5	1 1	.	M } 1-44 F }
6 6	2 .	3 4	5 7	2 3	13 18	14 23	34 56	52 75	71 80	89 82	133 141	138 155	190 154	136 134	48 54	18 19	3 4	1 .	M } 45-57 F }
1 4	2 4	7 6	4 7	2 8	7 4	2 7	3 10	6 14	8 9	6 15	9 21	7 28	9 28	12 18	5 6	1 2	1 .	.	M } 58-71 F }
.	1 3	2 4	3 1	1 1	3 4	2 3	1 4	2 4	9 8	4 4	9 8	10 12	4 15	4 8	4 3	2 1	.	.	M } 72-76 F }
.	.	.	.	.	.	1 .	.	.	1 .	2 .	1 .	1 .	.	1 .	.	.	.	.	M } 77-79 F }
10 5	6 2	5 6	5 10	11 11	8 10	8 20	18 19	26 41	31 47	51 69	71 96	122 153	136 208	136 169	69 84	30 48	6 16	2 .	M } 80-89 F }
4 2	3 4	3 10	9 7	8 17	14 18	17 31	29 33	57 61	93 82	129 123	233 187	305 282	486 468	385 410	211 284	110 138	25 45	6 8	M } 90-103 F }
5 1	2 2	6 4	9 9	5 7	11 13	23 9	14 15	34 13	48 21	66 35	66 42	74 76	89 102	75 113	43 52	18 24	10 6	2 4	M } 104-114 F }
6 11	5 2	4 2	5 5	5 5	8 4	9 7	14 11	15 11	21 17	24 22	29 20	18 28	38 35	18 30	10 6	.	2 1	.	M } 115-129 F }
1 2	6 2	2 1	4 1	7 6	2 13	5 11	10 8	11 5	14 15	21 11	42 14	55 23	85 22	68 17	53 7	16 3	5 1	2 .	M } 130-139 F }
.	.	2	13	16	19	15	13	.	.	.	.	.	.	.	.	.	.	.	F 140-150
.	1	.	.	.	.	.	1	1	.	1	.	2	2	1	1	1	.	.	M } 151-153 F }
1 1	1 .	.	.	1 1	.	1 .	.	.	1 .	.	1 .	1 2	.	1 .	.	1 .	.	.	M } 154-156 F }
2 2	2 .	1 4	2 .	1 1	.	1 .	.	1 .	.	1 .	1 .	.	.	.	.	.	.	.	M } 157 F }
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M } 158-161 F }
.	.	.	.	.	.	.	.	.	2	.	5	16	89	154	176	107	40	10	M } 162 F }
11 14	14 2	15 1	18 2	16 4	15 4	12 2	17 1	21 5	17 5	21 3	12 8	11 13	23 19	12 21	9 19	5 12	1 2	2	M } 163-195 F }
.	1	1	.	1	2 1	1 1	1 1	4 .	4 1	3 3	13 8	11 7	1 .	2 3	.	1 .	.	.	M } 199, 200 F }

ABSTRACT VI.—(Continued).—Northern Ireland : Causes

Inter- mediate List Nos.	CAUSES OF DEATH	AGES AT													
		ALL AGES	Under 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
1-17	<i>I. Infective and Parasitic Diseases</i>														
1	Typhoid and paratyphoid fevers {M	1	.	.	.	.	.	.	.	.	.	.	.	.	.
	F	5	.	.	.	.	.	.	.	.	.	.	.	.	.
2	Plague {M	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	F	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	Scarlet fever {M	2	.	.	.	.	.	.	.	.	1	1	.	.	2
	F	6	.	.	.	.	.	.	.	.	.	.	.	.	.
4	Whooping cough .. {M	29	.	.	5	2	4	8	19	8	2	.	.	.	29
	F	47	.	1	1	4	9	13	28	11	3	1	1	1	44
5	Diphtheria {M	18	.	.	1	.	.	.	1	5	1	3	.	.	10
	F	17	.	.	.	.	.	.	.	3	.	.	2	.	5
6	Tuberculosis of the respiratory system .. {M	391	.	.	.	.	.	3	3	2	.	.	.	.	5
	F	408	.	.	.	.	.	2	2	2	3	.	1	.	8
	Tuberculosis of the men- {M	69	.	1	1	.	3	4	9	11	9	5	3	37	
	inges and central ner- {F	58	.	.	1	.	3	8	12	7	4	5	3	31	
	vous system														
7	Tuberculosis of the in- {M	13	.	.	1	.	.	.	1	.	1	.	.	2	
	testines and peritoneum {F	22	.	.	.	.	.	.	.	.	1	1	1	3	
	All other forms of {M	49	.	.	.	.	.	1	1	3	.	2	1	7	
	tuberculosis .. {F	48	.	.	.	.	.	1	1	1	.	.	1	3	
8	Purulent infection and {M	22	.	.	1	1	1	2	5	1	1	.	1	7	
	septicaemia (non- {F	13	.	.	.	.	1	1	2	.	.	.	.	3	
	puerperal)														
9	Dysentery {M	3	.	.	.	.	.	.	.	.	.	.	.	1	1
	F	1	.	.	.	.	.	.	.	.	.	.	.	.	.
10	Malaria {M	1	.	.	.	.	.	.	.	.	.	.	.	.	.
	F	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	Syphilis {M	27	1	.	2	1	2	.	1	.	.	.	.	.	1
	F	11	.	.	.	.	2	.	5	.	.	.	.	.	5
12	Influenza {M	66	.	.	1	1	7	1	10	2	1	.	.	.	13
	F	73	.	.	.	.	2	1	3	2	.	1	1	1	7
13	Smallpox {M	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	F	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	Measles {M	13	.	.	1	.	.	3	4	2	4	2	.	.	12
	F	11	.	.	1	1	.	4	6	1	.	.	1	.	8
15	Typhus fever {M	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	F	.	.	.	.	.	.	.	.	.	.	.	.	.	.
16	Diseases due to {M	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	helminths .. {F	1	.	.	.	.	.	.	.	.	.	.	.	1	1
17	Other infective or {M	64	.	.	4	1	.	1	5	11	4	3	1	.	19
	parasitic diseases {F	52	.	.	1	.	.	3	3	7	2	1	.	1	11

of Death at different Age-Periods, 1945.

DEATH.																			Detailed List Nos.	
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95 and up-wards		
.	.	.	.	.	.	.	1	.	1	.	2	1	1	.	.	.	.	.	M } 1, 2
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 3
1	1	1	.	.	.	.	1	.	1	.	.	.	.	.	.	.	.	.	M } 8
2	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 9
4	1	.	1	.	.	.	.	1	1	.	1	.	.	.	.	.	.	.	M } 10
4	2	.	.	.	.	2	.	.	1	3	.	.	.	.	.	.	.	.	M } 10
2	4	30	45	37	38	29	43	41	40	27	24	16	8	.	2	2	.	.	M } 13	
3	4	56	77	64	54	34	17	19	16	14	16	13	8	2	3	.	.	.	M } 13	
12	5	8	2	2	1	2	.	.	.	.	.	.	.	.	.	.	.	.	M } 14
5	4	4	6	4	2	.	1	.	.	.	1	.	.	.	.	.	.	.	M } 14
3	1	2	.	1	.	2	2	.	.	.	.	.	.	.	.	.	.	.	M } 15
1	2	1	2	2	1	5	2	1	1	.	.	1	.	.	.	.	.	.	M } 15
1	3	5	2	3	8	3	3	1	3	2	3	2	3	.	.	.	.	.	M } 16-22
3	3	1	6	2	4	5	2	3	3	1	1	5	5	1	.	.	.	.	M } 16-22
.	.	1	1	1	1	.	.	.	1	.	3	1	2	3	.	1	.	.	M } 24	
.	1	1	.	1	.	.	.	2	.	2	1	2	.	.	.	.	.	.	M } 24
.	.	.	.	.	.	.	.	.	.	1	.	1	.	1	.	.	.	.	M } 27
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 28
.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	M } 28
.	.	.	.	1	2	1	4	5	3	3	3	2	1	1	.	.	.	.	M } 30
.	.	.	.	.	.	.	2	.	1	3	3	.	.	.	.	.	.	.	M } 30
1	.	.	.	1	.	2	1	2	2	4	4	5	16	11	3	2	1	.	M } 33	
.	.	.	.	.	.	.	.	.	.	.	.	.	16	12	8	5	1	.	M } 33
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 34
1	.	1	.	1	.	.	.	.	.	.	.	1	.	.	.	.	.	.	M } 35
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 39
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 39
.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	M } 40-42
5	1	2	1	2	1	6	4	2	3	1	5	6	2	2	1	1	.	.	M } 4-7, 11, 12, 23, 25, 26, 29, 31, 32, 36, 37, 38, 43, 44	
4	2	.	2	5	2	2	3	1	1	3	8	5	2	1	.	.	.	.	M } 4-7, 11, 12, 23, 25, 26, 29, 31, 32, 36, 37, 38, 43, 44

[illegible]

[illegible]

ABSTRACT VI.—(Continued).—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.	3-5 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	24	.	.	1	1	1	1	3	7	3	2	.	.	12
	.. {F	19	.	.	.	2	1	5	2	10	2	3	.	.	15
36	Diseases of medulla and spinal cord, other than locomotor ataxia .. {M	19	.	.	.	.	.	.	.	.	.	.	.	.	.
	.. {F	15	.	.	.	.	.	.	.	.	.	.	.	.	.
37	Intra-cranial lesions of vascular origin .. {M	636	.	.	.	.	.	.	.	.	.	.	.	1	1
	.. {F	901	.	.	.	.	.	.	.	.	.	.	.	.	.
38	Mental disorders and deficiency .. {M	11	1	.	1	.	.	.	1	3	.	.	.	.	3
	.. {F	21	.	.	1	.	.	.	1	1	.	.	.	.	1
39	Epilepsy .. {M	24	.	.	.	.	.	.	.	.	.	.	.	1	1
	.. {F	28	.	.	.	.	.	.	.	.	.	.	.	.	.
40	Other diseases of the nervous system .. {M	75	.	6	5	6	3	9	3	32	1	1	.	.	34
	.. {F	73	1	4	3	5	2	9	2	26	2	1	.	.	29
41	Diseases of the eye, ear and their annexa .. {M	18	.	.	.	1	1	2	3	7	.	.	.	.	7
	.. {F	8	.	.	.	1	.	.	1	2	2	.	.	.	4
42-48	<i>VII. Diseases of the Circulatory System</i>														
42	Pericarditis (including chronic rheumatic pericarditis) .. {M	4	.	.	.	.	.	.	.	.	.	.	.	1	1
	.. {F	2	.	.	.	.	.	.	.	.	.	.	.	.	.
43	Chronic affections of the valves and endocardium {M	193	.	.	.	.	.	.	.	.	.	.	.	.	.
	.. {F	256	.	.	.	.	.	.	.	.	.	.	.	.	.
44	Diseases of the myocardium, including aneurysm of the heart .. {M	1,135	.	.	.	.	.	1	.	1	.	.	.	.	1
	.. {F	1,283	.	.	.	.	.	.	.	.	.	.	.	.	.
45	Diseases of the coronary arteries and angina pectoris .. {M	481	.	.	.	.	.	.	.	.	.	.	.	.	.
	.. {F	263	.	.	.	.	.	.	.	.	.	.	.	.	.
46	Other diseases of the heart .. {M	167	.	.	.	.	.	.	.	.	.	.	.	.	.
	.. {F	241	.	.	.	.	.	.	.	.	1	.	.	.	1
47	Arteriosclerosis and gangrene .. {M	92	.	.	.	.	.	1	.	1	.	.	.	.	1
	.. {F	90	.	.	1	.	.	.	.	1	.	.	.	.	1
48	Other diseases of the circulatory system .. {M	62	.	.	.	.	1	1	1	3	.	.	1	.	4
	.. {F	78	.	.	.	.	.	.	.	.	.	.	.	1	1
49-52	<i>VIII. Diseases of the Respiratory System</i>														
49	Bronchitis .. {M	*309	.	.	3	5	.	3	3	14	1	1	.	.	16
	.. {F	263	.	.	.	.	2	2	1	5	5	.	.	.	10
50	Pneumonia and broncho-pneumonia .. {M	399	.	10	27	23	27	55	38	180	26	4	3	.	213
	.. {F	366	.	3	27	15	21	43	38	147	23	5	2	.	177
51	Pleurisy (non-tuberculous) .. {M	16	.	.	.	.	.	.	1	1	.	.	.	.	1
	.. {F	8	.	.	.	.	.	.	.	.	.	.	.	.	.
52	Other diseases of the respiratory system, except tuberculosis .. {M	112	.	.	2	1	.	.	1	4	.	.	.	1	5
	.. {F	108	.	.	2	1	.	4	2	9	1	.	.	.	10

* Including the death of 1 male for whom no age was stated.

of Death at different Age-Periods, 1945.

DEATH.

5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95 and upwards	Detailed List Nos.
4 2	2 .	1 .	1 .	. .	. .	1 .	2 .	. .	. .	. .	1 .	1 1	. .	. .	. .	. .	. .	M F	81
. .	1 .	1 .	. .	1 2	. .	1 .	1 1	1 .	2 1	4 1	2 1	4 6	1 2	. .	. .	. .	. .	M F	82
1 .	1 .	1 1	1 2	3 4	. 3	2 8	8 9	19 35	26 39	38 64	58 87	108 138	132 197	133 166	69 82	30 47	6 16	M F	83
. .	. .	2 .	2 .	2 2	1 2	1 4	1 .	1 1	. .	. .	3 1	1 3	. .	. .	. .	. .	. .	M F	84
1 1	1 1	1 2	1 3	4 1	4 2	3 2	2 3	. 1	3 .	3 2	. 2	2 1	1 3	1 .	. 1	. .	. .	M F	85
1 1	1 .	1 1	1 2	1 1	2 3	1 4	3 5	4 4	3 3	6 2	7 5	6 4	2 5	2 2	1 .	1 .	. .	M F	80,86, 87
3 1	2 .	. .	1 1	1 1	1 .	. 1	2 .	1 .	. .	. .	. .	. .	. .	. .	. .	. .	. .	M F	88,89
. .	. .	1 .	. .	. .	2 .	. .	1 .	. .	. .	. .	. .	. .	. .	1 .	. .	. .	. .	M F	90
2 1	1 2	2 3	3 4	2 9	9 11	7 14	5 12	11 18	7 13	16 14	17 21	26 17	40 55	24 28	10 22	7 8	3 2	M F	92
1 .	1 .	. 1	3 1	1 4	1 4	3 7	6 8	14 16	29 35	43 52	107 90	148 154	273 271	255 286	146 194	81 114	18 41	M F	93
. .	. .	1 .	2 .	. 1	1 1	4 2	14 1	23 6	39 11	51 32	79 40	90 52	92 61	53 32	22 20	9 3	2 .	M F	94
1 1	2 .	1 4	1 1	1 1	1 2	2 7	4 7	5 14	12 13	11 15	14 23	20 39	49 47	24 35	14 23	5 4	2 2	M F	91,95
. .	. .	. .	. .	2 .	. .	. .	. .	. .	3 .	1 3	4 3	11 8	25 20	23 19	15 20	6 8	. .	M F	97,98
. .	1 .	. .	. .	2 2	. .	1 1	4 .	4 6	3 7	7 4	12 10	10 12	7 14	5 10	4 5	2 1	. .	M F	96,99- 103
1 .	1 .	1 .	3 2	1 1	2 2	9 .	4 3	11 4	23 5	37 11	38 18	36 42	55 57	33 62	20 28	13 12	5 3	M F	106
4 1	2 1	5 .	3 6	3 1	3 5	10 5	4 5	14 2	11 9	16 13	16 20	22 23	21 25	30 37	13 21	3 10	5 2	M F	107-109
. .	. .	1 1	1 1	. .	. .	1 .	2 1	1 .	. .	2 .	2 1	2 .	1 .	1 1	1 .	. .	. .	M F	110
. .	. .	2 .	. .	1 4	6 6	3 4	4 6	8 7	14 7	11 10	10 3	14 10	12 20	11 13	9 3	2 2	. 1	M F	104,105 111-114

[illegible]

[illegible]

ABSTRACT VI.—(Continued).—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
76-79	<i>XV. Diseases peculiar to the First Year of Life</i>														
76	Congenital debility .. { M	111	22	12	17	22	14	20	4	111	—	—	—	—	111
	{ F	91	15	12	18	21	7	13	5	91	—	—	—	—	91
77	Premature birth (still- births excepted) .. { M	210	84	77	37	7	1	1	3	210	—	—	—	—	210
	{ F	181	72	68	33	4	2	2	.	181	—	—	—	—	181
78	Injury at birth (still- births excepted) .. { M	35	14	15	3	1	.	.	2	35	—	—	—	—	35
	{ F	24	5	14	2	1	.	.	2	24	—	—	—	—	24
79	Other diseases peculiar to the first year of life { M	76	15	33	24	4	.	.	.	76	—	—	—	—	76
	{ F	74	22	19	29	4	.	.	.	74	—	—	—	—	74
81-86	<i>XVII. Violent or accidental Deaths</i>														
81	Suicide .. { M	25	.	.	.	.	.	.	.	.	.	.	.	.	.
	{ F	3	.	.	.	.	.	.	.	.	.	.	.	.	.
83	Automobile accidents (all motor-driven road vehicles) { M	67	.	.	.	.	.	.	.	.	1	2	3	.	6
	{ F	33	.	.	.	.	.	.	.	.	2	8	3	3	11
84	Other accidents .. { M	*194	1	1	2	1	2	2	1	10	7	7	3	3	30
	{ F	138	3	3	.	4	1	4	2	17	3	2	3	2	27
82, 85, 86	Other violent deaths .. { M	2	.	1	.	.	.	.	.	1	.	.	.	.	1
	{ F	6	2	.	.	.	.	.	.	2	.	1	.	.	3

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

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 36 and 37.

ABSTRACT VII.—Northern Ireland : Deaths in Institutions, 1936-45.

	1936	1937	1938	1939	1940	1941	1942	1943	1944	1945
Number of Deaths in—										
Public Mental Hospitals ..	481	487	456	447	501	568	427	570	424	409
Poor Law Institutions ..	2,220	2,388	2,317	1,876	2,245	2,087	1,990	2,833	2,248	2,035
District Hospitals* ..	834	812	832	938	1,035	1,200	1,065	1,032	994	1,072
Other Hospitals and Infir- maries ..	1,596	1,605	1,625	1,687	1,815	1,752	1,689	1,705	1,598	1,595
Own Homes, etc. ..	13,308	13,990	12,419	12,594	13,345	14,033	12,085	11,297	11,527	11,153
Total Deaths ..	18,429	19,282	17,649	17,542	18,941	19,640	17,256	17,437	16,791	16,264
Percentage of Deaths in In- stitutions ..	27.8	27.4	29.6	28.2	29.5	28.5	30.0	35.2	31.3	31.4

* 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, 1945.

DEATH.																			Detailed List Nos.
5-	10-	15-	20-	25-	30-	35-	40-	45-	50-	55-	60-	65-	70-	75-	80-	85-	90-	95 and up- ward	
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M } 158
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F } 159
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	M } 160
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	F } 161
.	.	1	.	2	2	.	4	2	3	3	4	.	3	1	.	.	.	.	M } 163, 164
6	5	5	5	4	2	4	2	4	3	2	3	.	6	2	3	2	.	.	F } 170
6	.	.	.	1	2	.	.	3	2	1	1	1	1	3	1	.	.	.	M } 169, 171-195
5	9	9	12	10	11	8	11	15	11	16	5	8	14	9	6	3	1	.	F } 195
7	2	1	2	2	2	1	1	2	2	2	6	12	18	18	17	12	2	2	M } 165-168
1	.	.	1	.	.	.	.	.	.	.	1	.	.	.	1	.	.	.	F } 197, 198

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

ABSTRACT IX.—Northern Ireland : Deaths at different Age-Periods, 1945.

COUNTIES.	TOTAL DEATHS	AGES AT DEATH.																95 and up-wards								
		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-		
NORTHERN IRELAND ..	16,264*	1,975	186	86	51	43	2,341	150	103	207	271	267	305	319	398	540	684	857	1,256	1,643	2,361	2,146	1,389	727	249	68†
..	8,058	1,087	96	52	27	17	1,279	75	60	97	116	106	134	140	199	281	371	456	688	803	1,185	1,022	635	314	93	21
..	8,206	888	90	34	24	26	1,062	75	43	110	155	161	171	179	199	259	313	401	588	840	1,176	1,124	734	413	156	47
ANTRIM ..	2,444†	203	28	9	6	5	251	14	16	24	39	38	40	44	44	82	81	124	173	218	372	382	289	148	51	13
..	1,186	109	14	3	2	1	127	5	8	11	21	12	16	20	22	41	48	64	96	194	197	183	130	66	20	4
..	1,258	94	14	6	4	4	124	9	8	13	18	26	24	24	22	41	33	60	77	124	175	199	159	82	31	9
ARMAGH ..	1,455†	140	17	10	11	6	184	17	8	18	16	26	22	32	43	45	59	67	104	165	223	214	115	65	26	5
..	709	72	7	6	6	3	94	6	5	7	5	15	15	17	24	25	38	55	79	116	104	56	34	8	5	
..	746	68	10	4	5	3	90	11	3	11	11	11	17	17	26	21	34	29	49	86	107	110	59	31	18	5
BELFAST CITY BOROUGH ..	5,069	828	68	32	13	12	953	52	34	71	96	91	98	111	154	215	252	319	434	542	631	562	282	123	45	4
..	2,485	459	36	22	7	4	528	27	23	34	38	29	40	54	84	108	149	171	217	268	285	243	126	45	14	2
..	2,584	369	32	10	6	8	425	25	11	37	58	62	58	57	70	107	103	148	217	274	346	319	156	78	31	2
DOWN ..	2,856†	278	22	13	9	7	329	23	16	30	52	48	53	52	52	92	110	152	225	298	436	384	273	166	49	15
..	1,422	158	12	9	8	2	189	13	9	18	24	26	31	25	17	45	55	82	126	154	218	182	118	64	20	5
..	1,434	120	10	4	1	5	140	10	7	12	28	22	22	27	35	47	55	70	99	144	218	202	155	102	29	10
FERMANAGH ..	746	63	7	2	1	73	5	2	12	7	8	13	9	14	16	16	31	36	46	72	142	125	70	43	17	5
..	402	35	1	1	1	39	1	1	6	6	3	8	3	10	12	18	19	26	32	76	71	33	30	6	2	3
..	344	28	6	1	1	34	4	1	6	1	5	5	6	4	4	4	13	17	20	40	66	54	37	13	11	3
LONDONDERRY CO. AND COUNTY BOROUGH ..	1,956	269	33	18	5	9	334	31	16	24	37	30	33	35	58	55	87	96	153	162	261	227	184	87	30	16
..	964	145	18	9	3	5	180	19	10	12	13	12	12	8	28	33	44	45	86	87	132	108	84	38	10	3
..	992	124	15	9	2	4	154	12	6	12	24	18	21	27	30	22	43	51	67	75	129	119	100	49	20	13
TYRONE ..	1,738	194	11	4	5	3	217	8	11	28	24	26	46	36	33	35	64	63	121	186	296	252	156	95	31	10
..	890	109	8	3	1	1	122	4	4	9	9	9	22	15	21	18	32	37	62	89	161	131	88	37	15	5
..	848	85	3	1	2	2	95	4	7	19	15	17	24	21	12	17	32	26	59	97	135	121	68	58	16	5

* Including the deaths of three males for whom no ages were stated.

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

‡ Including the deaths of seven persons (one male and six females) whose ages at death were returned at 100 years and upwards.

**ABSTRACT X.—Northern Ireland : Proportion of Deaths from the Principal Causes per 1,000
of the total Deaths at certain Age-Periods, 1945.**

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 ..	—	.	.	.	.	.	.	1	1	1	—	.	.
6	Cerebro-spinal fever ..	2	4	33	13	.	2	.	1	1	1	—	.	.
8	Scarlet fever ..	—	.	6	7	19	2	.	1	1	.	.	.	.
9	Whooping cough ..	5	24	71	13	10	.	.	.	.	.	.	.	.
10	Diphtheria ..	2	—	38	53	29	2	.	3	2	2	.	.	.
13	Tuberculosis of respiratory system ..	49	3	22	33	78	435	337	172	95	38	12	.	.
14—22	Other forms of tuberculosis ..	16	12	161	167	175	82	52	38	10	4	4	—	.
30	Syphilitic disease ..	2	3	.	.	.	.	5	10	7	4	1	—	.
33	Influenza ..	9	7	19	7	.	.	2	4	6	8	11	10	9
35	Measles ..	1	5	27	7	.	2	2	.	.	.	—	.	.
36	Acute poliomyelitis and polioenceph- alitis ..	1	—	.	33	10	2	5	3	1	.	.	.	.
37	Acute infectious encephalitis ..	2	.	.	.	.	.	2	7	3	4	2	—	.
45—55	Cancer and other malignant tumours ..	117	.	5	60	19	27	54	167	216	204	155	102	41
61	Diabetes ..	7	—	.	6	19	6	9	7	11	10	9	6	.
83	Intra-cranial vascular lesions ..	95	.	3	6	10	10	17	38	97	117	144	128	97
90—95	Heart disease ..	247	—	5	40	58	59	89	145	217	296	358	339	300
96—103	Other diseases of the circulatory system ..	20	3	5	.	10	2	11	9	22	22	27	29	18
106	Bronchitis ..	35	10	19	7	10	13	11	22	35	49	47	41	33
107—109	Pneumonia ..	47	166	172	33	29	29	21	33	29	31	23	29	23
104, 105 } 110-114 }	Other respiratory diseases ..	15	7	6	.	.	17	32	29	30	19	15	11	5
117	Ulceration of the stomach or duodenum ..	7	.	.	.	.	2	11	18	14	15	8	2	—
119	Diarrhoea (under 2 years of age) ..	19	150	33	.	.	.	.	.	.	.	.	.	.
121	Appendicitis ..	3	.	11	27	29	19	7	10	8	5	—	1	.
115, 116 } 118, 120 } 122-129 }	Other digestive diseases ..	20	11	47	87	39	13	21	29	30	26	22	15	6
130-132	Nephritis ..	19	2	8	20	68	10	42	36	30	29	21	15	11
140, 147	Puerperal and post-abortive sepsis ..	1	.	.	.	.	10	14	9	.	.	.	.	.
141-146 } 148-150 }	Other maternal causes ..	4	.	.	.	.	21	47	31	.	.	.	.	.
159	Premature birth ..	24	198	.	.	.	.	.	.	.	.	.	.	.
157, 158 } 160, 161 } 163, 164 }	Congenital malformations, birth injury, infantile disease ..	39	306	49	27	19	15	3	1	1	1	.	.	.
170, 171	Suicide ..	2	.	.	.	.	2	9	7	5	3	1	—	.
165-169 } 172-195 } 197, 198 }	Road traffic accidents ..	7	.	46	87	58	25	17	9	11	5	3	3	2
—	Other violent causes ..	20	15	85	80	97	48	42	29	24	13	12	14	19
—	All other causes ..	163	74	129	187	214	145	138	131	93	93	125	253	436
—	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 XI.—Northern Ireland: Deaths from Cancer by Sex, Age, and Site, 1945.

[illegible]

ABSTRACT XII.—Northern Ireland : Infant Mortality Rates, 1940-45.

CAUSES OF DEATH (with Detailed List Nos.)	Deaths of Infants under One Year per 10,000 Births Registered.																													
	1940	1941	1942	1943	1944	YEAR 1945.																								
						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	859	766	764	782	674	681	100	111	112	83	53	126	95	727	104	118	118	94	60	133	102	631	97	104	107	73	46	118	88	
<i>Common Infectious Diseases</i>																														
Scarlet Fever (8)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough (9)	..	28	22	14	22	19	16	..	..	..	2	2	4	7	13	..	..	..	3	1	3	5	20	..	..	1	1	3	6	9
Diphtheria (10)	..	4	3	3	3	4	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..
Influenza (33)	..	18	14	7	7	6	4	..	..	..	..	..	3	1	7	..	..	..	1	1	5	1	2	..	..	..	..	..	1	1
Smallpox (34)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles (35)	..	20	2	5	4	2	3	..	..	1	..	..	2	3	..	..	..	1	..	..	2	4	..	..	..	1	1	..	..	3
<i>Diarrhoeal Diseases</i>																														
Diarrhoea and Enteritis (119)	136	115	89	129	94	102	—	1	12	18	12	36	23	123	..	1	18	22	14	41	27	80	1	1	5	14	10	31	19	19
<i>Tuberculous Diseases</i>																														
Central Nervous System (14)	10	5	7	7	7	7	..	—	—	—	..	2	4	6	..	1	1	..	..	2	3	9	..	..	..	1	..	2	6	6
Intestines and Peritoneum (15)	3	2	2	2	2	—	..	..	..	—	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Tuberculous Diseases (13, 16-22)	..	4	3	3	6	4	2	..	..	..	..	..	2	3	..	..	..	..	..	3	2	..	..	..	..	..	..	..	..	2
<i>Developmental and Wasting Diseases</i>																														
Congenital Malformations (157)	72	67	78	65	58	67	9	14	13	13	6	7	5	64	10	12	10	13	6	8	5	70	8	16	16	13	6	6	6	6
Premature Birth, Injury at Birth (159, 160)	..	193	180	184	185	177	155	61	60	26	4	1	1	2	164	66	61	27	5	1	1	3	146	55	58	25	4	1	1	1
Congenital Debility and other Infantile Diseases (158,161)	138	142	137	121	117	121	26	26	30	18	7	11	3	125	25	30	27	17	9	13	3	117	26	22	33	18	5	9	4	4
<i>Bronchitis and Pneumonia</i>																														
Bronchitis (106)	29	21	26	16	11	7	..	..	1	2	1	2	1	9	..	..	2	3	..	2	2	4	..	..	..	..	1	1	1	1
Pneumonia (107-109)	104	92	119	121	95	113	..	4	19	13	17	34	26	120	..	7	18	15	18	37	25	105	..	2	19	11	15	31	27	27
<i>Other Causes</i>																														
Erysipelas (11)	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	1	..	..	4	1	..	..	1	..	..	..	..
Syphilis (30)	..	1	2	1	6	4	2	..	..	..	..	..	..	1	..	..	..	..	1	..	..	..	..	..	..	..	..	1	..	..
Rickets (70)	..	3	1	—	1	1	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (81)	..	5	3	4	3	4	6	..	..	1	1	2	2	5	..	1	1	1	1	1	2	7	..	..	..	1	1	4	1	1
Convulsions (86)	..	27	29	32	30	25	19	—	3	3	4	2	6	1	21	..	4	3	4	2	6	1	18	1	3	2	4	1	6	1
Suffocation (overlying in 182)	3	3	3	2	3	6	2	..	1	..	1	..	..	..	1	..	..	1	..	..	..	4	..	..	1	..	2	..	1	..
Inattention at Birth (in 195)	5	3	2	1	3	1	1	..	..	..	..	..	..	1	..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..
Other Violence*	..	6	12	8	6	2	7	1	1	..	1	1	2	1	6	..	1	1	1	1	1	7	1	1	1	1	1	2	1	1
Other Causes	..	52	45	40	43	33	44	2	—	8	4	3	14	12	56	2	1	9	6	5	14	19	31	2	..	6	3	1	14	6

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 XIII.—Infant Mortality Rates for Belfast Co. Borough and for the Aggregates of Urban and of Rural Areas in Northern Ireland, 1940-45.

* CAUSES OF DEATH	Deaths of Infants under One Year per 10 000 Births Registered.																																				
	YEAR 1945.																																				
	1940	1941	1942	1943	1944	MALES AND FEMALES								MALES.								FEMALES.															
						Totl	Undr. 1 day	1 day to 7 days	1-4 wks	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.	Totl	Undr. 1 day	1 day to 7 days	1-4 wks.	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.	Totl	Undr. 1 day	1 day to 7 days	1-4 wks.	1-2 mths.	2-3 mths.	3-6 mths.	6-12 mths.								
BELFAST CO. BOROUGH																																					
Common Infectious Diseases ..	91	20	18	35	19	21	.	.	1	3	2	2	13	18	.	.	.	4	.	2	12	25	.	.	.	2	2	4	2	15							
Diarrhoeal Diseases ..	295	206	180	268	170	168	.	1	19	21	18	68	41	198	.	.	29	27	19	74	49	136	.	2	8	15	17	61	32								
Tuberculous Diseases ..	20	13	10	23	15	16	.	1	1	1	.	2	11	18	.	2	2	2	.	2	10	15	.	.	.	.	.	2	13							
Developmental and Wasting Diseases ..	480	394	442	449	425	379	86	123	101	39	11	13	5	391	95	126	90	44	14	18	4	365	76	119	114	32	8	8	6								
Bronchitis and Pneumonia ..	217	151	195	231	164	156	.	7	30	15	22	43	39	163	.	12	33	14	21	39	44	148	.	2	28	17	23	47	32								
Other Causes ..	121	120	90	104	94	99	7	3	15	13	6	29	25	105	4	4	21	10	6	27	33	93	11	2	8	17	6	32	17								
ALL CAUSES ..	1224	905	915	1109	886	840	93	135	168	92	60	157	134	893	99	144	175	101	60	162	152	782	87	125	161	83	59	153	114								
ALL URBAN AREAS																																					
Common Infectious Diseases ..	86	29	23	35	20	23	.	.	1	3	1	6	12	21	.	.	.	4	.	6	11	24	.	.	1	1	3	5	13								
Diarrhoeal Diseases ..	216	160	135	189	133	138	.	1	16	21	15	54	32	164	.	.	23	28	16	60	38	110	.	1	8	13	13	48	25								
Tuberculous Diseases ..	20	12	13	22	14	14	.	1	1	1	.	2	10	15	.	1	1	1	.	3	9	12	.	.	.	.	.	1	11							
Developmental and Wasting Diseases ..	441	418	433	424	392	390	107	116	83	39	12	21	12	398	107	122	73	46	14	26	10	381	107	110	94	32	9	16	13								
Bronchitis and Pneumonia ..	185	126	168	186	129	138	.	5	27	17	17	39	34	146	.	8	29	20	15	41	33	130	.	1	25	13	19	36	35								
Other Causes ..	114	114	97	97	92	88	5	4	14	10	6	28	21	99	3	5	20	10	9	24	29	76	8	3	7	11	4	32	12								
ALL CAUSES ..	1082	859	870	953	781	790	112	126	140	91	51	150	120	843	109	136	146	109	54	161	129	732	115	115	135	71	48	139	110								
ALL RURAL AREAS																																					
Common Infectious Diseases ..	50	53	38	35	44	27	.	.	.	4	4	10	8	24	.	.	.	7	4	9	4	29	.	.	.	2	5	11	12								
Diarrhoeal Diseases ..	40	66	35	57	50	62	1	1	7	15	9	15	13	76	.	3	13	16	11	19	14	47	2	.	2	14	6	12	12								
Tuberculous Diseases ..	12	7	12	7	13	6	.	.	.	1	.	2	3	3	.	.	.	.	.	1	1	9	.	.	.	2	.	3	5							
Developmental and Wasting Diseases ..	357	360	356	309	304	290	81	82	53	30	17	18	10	301	93	83	54	23	19	17	11	278	68	81	52	36	15	18	8								
Bronchitis and Pneumonia ..	70	100	118	79	78	98	.	4	11	13	18	32	21	112	.	6	10	17	22	36	22	84	.	3	12	8	14	27	20								
Other Causes ..	86	79	82	89	59	75	4	7	9	13	7	21	13	79	3	7	9	13	10	20	17	70	6	8	9	14	3	23	8								
ALL CAUSES ..	615	666	641	575	548	557	86	95	80	75	55	98	67	595	96	99	86	76	66	102	70	517	76	91	74	74	43	94	64								

* The diseases included under the headings in this column are given in Abstract XII

ABSTRACT XIV.—Northern Ireland : Mortality among Illegitimate Children, 1940-45.

CAUSES OF DEATH (with Detailed List Nos.)	Rate per 10,000 Illegitimate Births Registered						Numbers of Deaths Registered in 1945 at Ages—							
	1940	1941	1942	1943	1944	1945	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)		8												
Whooping Cough (9)	26		7	12	29	19	3						2	1
Diphtheria (10)	17	15	7	6	17									
Influenza (33)	43	23	7	17	12	6	1						1	
Smallpox (34)														
Measles (35)	17			6	12	6	1							1
<i>Diarrhoeal Diseases</i>														
Diarrhoea and Enteritis (119)	342	308	143	272	207	242	38			5	7	5	14	7
<i>Tuberculous Diseases</i>														
Central Nervous System (14)	26			12	17	6	1							1
Intestines and Peritoneum (15)			14	12	12									
Other Tuberculous Diseases (13, 16-22)	17	15		12										
<i>Developmental and Wasting Diseases</i>														
Congenital Malformations (157)	51	116	68	46	81	70	11	1	1	1	5	2	1	
Premature Birth, Injury at Birth (159, 160)	334	378	300	353	311	185	29	9	8	6	3	2		1
Congenital Debility and Other Infantile Diseases (158, 161)	436	640	682	388	305	414	65	6	15	16	14	3	9	2
<i>Bronchitis and Pneumonia</i>														
Bronchitis (106)	34	8	41	29	12	13	2				1		1	
Pneumonia (107-109)	86	100	136	145	155	223	35			10	1	7	8	9
<i>Other Causes</i>														
Erysipelas (11)														
Syphilis (30)	9	23	7	35	17	19	3	1				1	1	
Ricketts (70)														
Meningitis (81)	9		7	6		6	1							1
Convulsions (86)	51	23	61	35	35	25	4				1		2	1
Suffocation (overlying in 182)		8		6										
Inattention at Birth (in 195)														
Desertion	43				6									
Other	43	62	14	12										
Other Violence*	17	15	7	6	17	38	3	2	1					
Other Causes	68	77	68	35	52	115	18	1		6	3		7	1
ALL CAUSES	1,668	1,820	1,568	1,441	1,295	1,370	215	20	25	44	35	20	46	25

* Including Miscellaneous Accidents.

ABSTRACT XV.—Northern Ireland : Notifications of certain Infectious Diseases, 1945.

COUNTY BOROUGH, BOROUGH, URBAN AND RURAL DISTRICTS	Typhoid Fever	Paratyphoid B Fever	Typhus	Smallpox	Scarlet Fever	Diphtheria	Acute Primary and Acute Influenza Pneumonia	Cerebro-Spinal Fever	Erysipelas	Acute Infections Tuberculosis	Measles	Chickenpox	Whooping Cough	Puerperal Pyrexia	Puerperal Fever	Other Diseases	TOTAL
Belfast Co. Borough*	9	5			768	213	130	39	76	637†	1,802		603	27	1	30(a)	4,340
Londonderry „ „	11				332	152		3	3	35						1(b)	537
Ballymena Mun. Boro.					27	10		1	1	3					1	1(c)	44
Bangor „ „					39	1	8	2				115		1	1	3(d)	170
Coleraine „ „					12	9											21
Larne „ „					7	6		2	3	1							19
Newtownards „ „					9	7											16
Armagh U.D. „					24					8							32
Ballycastle „																	
Ballyclare „					23												23
Ballymoney „	1																1
Banbridge „		2			2	7		2	1								14
Carrickfergus „	1				1	4	3			5		2					16
Cookstown „					4												4
Donaghadee „					24	1											25
Downpatrick „		1			5					1							7
Dromore „					5	1											6
Dungannon „					3	11			2								16
Enniskillen „					4	12											16
Holywood „					12	1			3								16
Keady „					3	2			1	1							7
Kilkeel „					5				1								5
Limavady „					10		3										17
Lisburn „					58	10		2	2		41	3					133
Lurgan „					22	7				6						1(b)	36
Newcastle „					2												2
Newry „					9	22			3								34
Omagh „	1				19	18	25	5	5	6							79
Portadown „					10	5											15
Portrush „	1				1	4					48						54
Portstewart „					1	1											1
Strabane „					5	6		1									12
Tandragee „	1				2				2	1							6
Warrenpoint „					1	3	3				49						56
Whitehead „					1									2			3
Antrim R.D. „	1				31	1			3						1	14(e)	51
Armagh „	11				18	4		1	1	5							40
Ballycastle „					2												2
Ballymena „					11			1								1(b)	13
Ballymoney „					16			2								3(b)	21
Banbridge „					25	12		3	3	2							45
Belfast „					25	5	3	1	2							1(b)	37
Castlederg „					14	1	2	1	1	4							24
Castlereagh „	1				24		2	1	2						1	1(b)	31
Clogher „					4	6											10
Coleraine „	1				5											1(b)	7
Cookstown „					7	4		2						2			15
Downpatrick „		6			31	10		6						1			54
Dungannon „					18	23			1	1						1(b)	42
Enniskillen „	4				16	16	1		1								38
Hillsborough „					29	4		1	2	2							38
Irvinestown „						6										1(b)	7
Kilkeel „					19	2		1									22
Larne „					25	4	1		6	4						1(b)	41
Limavady „	1				39	12	5										57
Lisburn „					31	8		1								1(b)	41
Lisnakea „	5				9	15											29
Londonderry „	4				81	88		1	1								175
Lurgan „	1				8	6				1						1(b)	17
Magherafelt „					11	8		1								2(f)	22
Moira „					2	1		1		3							7
Newry No. 1 „					10	17		1	2	2							32
Newry No. 2 „	1				14	13		1									29
Newtownards „					28	9											37
Omagh „	3				25	31	28	3	2	8				1		1(b)	102
Strabane „					6	38	3		6	9					1		63
Tandragee „									1								1
TOTAL	58	14			2,029	859	217	86	137	745	1,940	120	603	34	6	65	6,913

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.

† At the Tuberculosis Institute, Belfast, during the year 689 persons were diagnosed as suffering from tuberculosis, of which 608 cases were notified as cases of acute infectious tuberculosis, and have been included above.

(a) 20 poliomyelitis, 5 dysentery and 5 ophthalmia neonatorum. (b) Poliomyelitis. (c) Ophthalmia neonatorum. (d) 2 dysentery and 1 Ophthalmia neonatorum (e) Dysentery. (f) 1 Poliomyelitis and 1 Ophthalmia neonatorum.

**ABSTRACT XVI.—Northern Ireland, Belfast Co. Borough and Londonderry Co. Borough
Summary of Vital Statistics for the years 1943, 1944 and 1945.**

SUBJECT	NORTHERN IRELAND			BELFAST CO. BOROUGH			LONDONDERRY CO. BOROUGH		
	1943	1944	1945	1943	1944	1945	1943	1944	1945
Birth Rate	24.17	23.52	21.97	25.72	24.30	22.60	31.15	28.66	26.82
Marriage Rate	7.79	7.24	7.92	9.78	9.30	9.84	7.89	8.88	9.55
Death Rate	13.37	12.78	12.32	13.23	12.03	11.63	13.29	12.47	12.85
Death Rates from certain specified diseases :									
Tuberculosis (all forms)	0.91	0.89	0.80	1.16	1.03	0.93	1.17	1.20	0.97
Cancer	1.45	1.41	1.44	1.47	1.44	1.52	1.21	1.24	1.22
Influenza	0.26	0.16	0.11	0.12	0.05	0.04	0.10	0.04	0.06
Pneumonia	0.76	0.60	0.58	1.08	0.73	0.63	0.75	0.39	0.87
Death Rate—Senility (Old Age)	1.14	1.14	1.04	0.44	0.55	0.51	0.79	0.61	0.71
Infant Mortality Rate (per 1,000 births)	78	67	68	111	89	84	91	74	81
Maternal Mortality Rate (per 1,000 births)	3.17	3.08	2.89	2.99	2.30	1.83	2.67	2.82	*4.54
Chief Notifiable diseases—cases notified :									
Typhoid Fever	91	123	58	23	5	9	1	16	11
Scarlet Fever	3,277	3,525	2,029	1,947	1,725	768	95	329	332
Diphtheria	1,570	1,394	853	383	225	207	424	389	152
Cerebro-spinal Fever	172	98	86	74	53	39	5	1	3
Acute Infectious Tuberculosis	699	796	745	590	675	637	40	22	35

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

* This rate is based on six deaths only, vide Table L.

Printed under the authority of HIS MAJESTY'S STATIONERY OFFICE
by W. & G. Baird Ltd., Belfast.

8292/6092 : 5/47. W.G.B. Gp. 259.