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HEALTH & VITAL STATISTICS

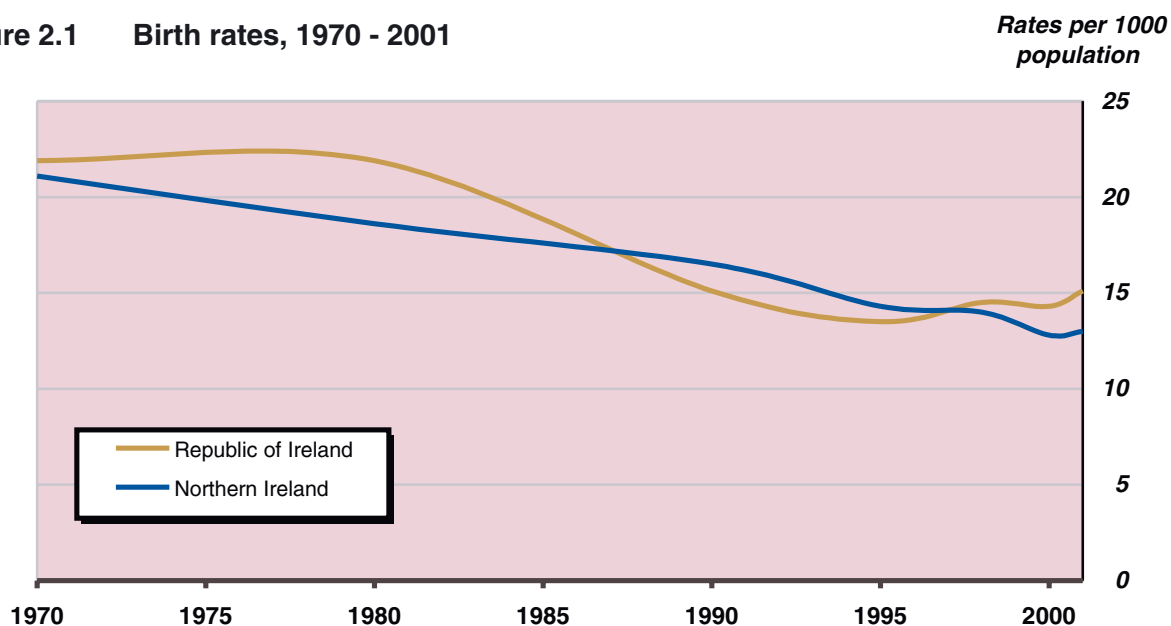
- Between 1970 and 2000, the Republic of Ireland's birth rate decreased from 21.9 births per thousand to 14.3. Over the same period, the corresponding NI rate declined from 21.1 births per thousand to 12.8.
- Between 1970 and 2000, the number of marriages per thousand population in the Republic of Ireland fell from 7.1 to 5.1; the NI rate fell from 8.1 to 4.5.
- In the Republic of Ireland, between 1980 and 2001, the percentage of births to mothers aged under 25 fell from 27% to 20%. In Northern Ireland, the corresponding proportion fell from 37% to just over 23%.
- Between 1980 and 2001, the proportion of births outside marriage increased from 5% to 31% in the Republic of Ireland and from 6% to 33% in Northern Ireland.
- Life expectancy is broadly comparable in both Northern Ireland and the Republic of Ireland. Female life expectancy at birth is 79 in both parts of Ireland; male life expectancy at birth is 73 in the Republic of Ireland and 74 in Northern Ireland.
- Deaths from circulatory diseases represented around two fifths of both male and female deaths in Ireland, North and South in 2000; deaths from cancer represented around a quarter.
- Between 1950 and 2001, the number of deaths from cancer per 1,000 population increased from 1.4 to 2.0 in the Republic of Ireland. The NI rate increased from 1.5 to 2.2.

Table 2.1 Marriages, births and deaths

| Years | <i>Number and rates</i> | | | | | |
|-------|-----------------------------------|--------|--------|------------------|--------|--------|
| | Republic of Ireland | | | Northern Ireland | | |
| | Marriages | Births | Deaths | Marriages | Births | Deaths |
| | <i>Number</i> | | | | | |
| 1950 | 16,018 | 63,565 | 37,741 | 9,084 | 28,794 | 15,939 |
| 1960 | 15,465 | 60,735 | 32,660 | 9,881 | 31,989 | 15,296 |
| 1970 | 20,778 | 64,382 | 33,686 | 12,297 | 32,086 | 16,551 |
| 1980 | 21,792 | 74,064 | 33,472 | 9,923 | 28,582 | 16,835 |
| 1990 | 17,838 | 53,044 | 31,370 | 9,588 | 26,251 | 15,426 |
| 2000 | 19,168 | 54,239 | 31,115 | 7,584 | 21,512 | 14,903 |
| 2001 | 19,246 | 57,882 | 29,812 | 7,281 | 21,962 | 14,513 |
| | <i>Rates per 1,000 population</i> | | | | | |
| 1950 | 5.4 | 21.4 | 12.7 | 6.6 | 21.0 | 11.6 |
| 1960 | 5.5 | 21.5 | 11.5 | 7.0 | 22.5 | 10.8 |
| 1970 | 7.1 | 21.9 | 11.4 | 8.1 | 21.1 | 10.9 |
| 1980 | 6.4 | 21.9 | 9.7 | 6.5 | 18.6 | 11.0 |
| 1990 | 5.1 | 15.1 | 9.1 | 6.0 | 16.5 | 9.7 |
| 2000 | 5.1 | 14.3 | 8.2 | 4.5 | 12.8 | 8.9 |
| 2001 | 5.0 | 15.1 | 7.8 | 4.3 | 13.0 | 8.6 |

Sources Republic of Ireland: Central Statistics Office
Northern Ireland: Northern Ireland Statistics and Research Agency

Figure 2.1 Birth rates, 1970 - 2001



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Table 2.2 Births by age of mother

| Age | Number | | | | | Percentages | | | | |
|----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|--------------|--------------|--------------|--------------|
| | 1980 | 1990 | 1999 | 2000 | 2001 | 1980 | 1990 | 1999 | 2000 | 2001 |
| Republic of Ireland | | | | | | | | | | |
| Under 20 | 3,580 | 2,668 | 3,314 | 3,135 | 3,095 | 4.8 | 5.0 | 6.1 | 5.8 | 5.3 |
| 20 - 24 | 16,497 | 8,150 | 7,630 | 7,862 | 8,335 | 22.3 | 15.4 | 14.1 | 14.5 | 14.4 |
| 25 - 29 | 23,964 | 17,132 | 13,771 | 13,491 | 14,134 | 32.4 | 32.3 | 25.5 | 24.9 | 24.4 |
| 30 - 34 | 18,103 | 15,440 | 17,778 | 17,747 | 19,305 | 24.4 | 29.1 | 33.0 | 32.7 | 33.4 |
| 35 - 39 | 8,725 | 7,384 | 9,422 | 9,932 | 10,798 | 11.8 | 13.9 | 17.5 | 18.3 | 18.7 |
| 40 - 44 | 2,317 | 1,679 | 1,646 | 1,738 | 1,839 | 3.1 | 3.2 | 3.1 | 3.2 | 3.2 |
| 45 & over | 170 | 97 | 73 | 62 | 77 | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 |
| Not stated | 708 | 494 | 290 | 272 | 229 | 1.0 | 0.9 | 0.5 | 0.5 | 0.5 |
| Total | 74,064 | 53,044 | 53,924 | 54,239 | 57,882 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Northern Ireland | | | | | | | | | | |
| Under 20 | 2,114 | 1,853 | 1,791 | 1,614 | 1,524 | 7.4 | 7.1 | 7.8 | 7.5 | 6.9 |
| 20 - 24 | 8,450 | 6,355 | 3,874 | 3,602 | 3,699 | 29.6 | 24.2 | 16.9 | 16.7 | 16.3 |
| 25 - 29 | 9,015 | 9,129 | 6,866 | 6,206 | 6,087 | 31.7 | 34.8 | 29.9 | 28.8 | 27.7 |
| 30 - 34 | 5,802 | 6,089 | 6,953 | 6,547 | 6,891 | 20.4 | 23.2 | 30.3 | 30.4 | 31.4 |
| 35 - 39 | 2,511 | 2,327 | 2,957 | 3,031 | 3,183 | 8.8 | 8.9 | 12.9 | 14.1 | 14.5 |
| 40 - 44 | 520 | 471 | 497 | 496 | 548 | 1.8 | 1.8 | 2.2 | 2.3 | 2.5 |
| 45 & over | 41 | 27 | 19 | 16 | 30 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| Not stated | - | - | - | - | - | - | - | - | - | - |
| Total | 28,453 | 26,251 | 22,957 | 21,512 | 21,962 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

Sources Republic of Ireland: Central Statistics Office
Northern Ireland: Northern Ireland Statistics and Research Agency

Table 2.3 Births outside marriage

Number and percentages

| Description | 1940 | 1950 | 1960 | 1970 | 1980 | 1990 | 2000 | 2001 |
|--|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Republic of Ireland | | | | | | | | |
| Total | 56,594 | 63,565 | 60,735 | 64,382 | 74,064 | 53,044 | 54,239 | 57,882 |
| Births outside marriage | 1,824 | 1,627 | 968 | 1,709 | 3,723 | 7,767 | 17,235 | 18,049 |
| Births outside marriage as % of total | 3.2 | 2.6 | 1.6 | 2.7 | 5.0 | 14.6 | 31.8 | 31.2 |
| Northern Ireland | | | | | | | | |
| Total | 25,363 | 28,794 | 31,989 | 32,086 | 28,453 | 26,251 | 21,512 | 21,962 |
| Births outside marriage | 1,169 | 986 | 815 | 1,214 | 1,736 | 4,946 | 6,833 | 7,144 |
| Births outside marriage as % of total | 4.6 | 3.4 | 2.5 | 3.8 | 6.1 | 18.8 | 31.8 | 32.5 |

Sources *Republic of Ireland: Central Statistics Office*
Northern Ireland: Northern Ireland Statistics and Research Agency

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Table 2.4 Life expectancy at birth and at 65 years

| Years | Republic of Ireland | | | | Northern Ireland | | | |
|-------------|---------------------|--------|-----------------|--------|------------------|--------|-----------------|--------|
| | At Birth | | At age 65 years | | At Birth | | At age 65 years | |
| | Male | Female | Male | Female | Male | Female | Male | Female |
| 1925 - 1927 | 57 | 58 | 13 | 13 | 55 | 56 | 12 | 13 |
| 1950 - 1952 | 65 | 67 | 12 | 13 | 66 | 69 | 12 | 14 |
| 1960 - 1962 | 68 | 72 | 13 | 14 | 68 | 72 | 12 | 14 |
| 1970 - 1972 | 69 | 74 | 12 | 15 | 68 | 74 | 12 | 15 |
| 1985 - 1987 | 71 | 77 | 13 | 16 | 71 | 77 | 13 | 17 |
| 1990 - 1992 | 72 | 78 | 13 | 17 | 73 | 78 | 14 | 18 |
| 1995 - 1997 | 73 | 79 | 14 | 17 | 74 | 79 | 15 | 18 |

Sources Republic of Ireland: Central Statistics Office
Northern Ireland: Northern Ireland Statistics and Research Agency

Table 2.5 Most popular babies' names, 2001

| Rank | Republic of Ireland | | Northern Ireland | |
|------|---------------------|--------------|------------------|--------------|
| | Boys' names | Girls' names | Boys' names | Girls' names |
| 1 | Jack | Sarah | Jack | Chloe |
| 2 | Sean | Aoife | Matthew | Lauren |
| 3 | Adam | Emma | Adam | Emma |
| 4 | Conor | Chloe | Ryan | Caitlin |
| 5 | James | Ciara | James | Megan |
| 6 | Cian | Lauren | Conor | Hannah |
| 7 | David | Niamh | Dylan | Sarah |
| 8 | Dylan | Amy | Joshua | Rebecca |
| 9 | Luke | Katie | Thomas | Amy |
| 10 | Michael | Megan | Daniel | Niamh |

Sources Republic of Ireland: Central Statistics Office
Northern Ireland: Northern Ireland Statistics and Research Agency

Table 2.6 Principal cause of death

| Principal cause | Number | | | | | |
|----------------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| | 1990 | | 2000 | | 2001 | |
| | Males | Females | Males | Females | Males | Females |
| Republic of Ireland | | | | | | |
| Circulatory diseases | 7,642 | 6,669 | 6,407 | 6,253 | 6,140 | 5,774 |
| Respiratory diseases | 2,406 | 2,055 | 2,355 | 2,647 | 2,103 | 2,309 |
| Cancer | 3,854 | 3,261 | 4,017 | 3,546 | 4,108 | 3,559 |
| Road traffic accidents | 348 | 126 | 261 | 86 | 296 | 85 |
| Suicides | 251 | 83 | 341 | 72 | 356 | 92 |
| All other | 2,327 | 2,348 | 2,549 | 2,581 | 2,495 | 2,585 |
| Total deaths | 16,828 | 14,542 | 15,930 | 15,185 | 15,408 | 14,404 |
| Northern Ireland | | | | | | |
| Circulatory diseases | 3,456 | 3,654 | 2,763 | 3,013 | 2,763 | 3,066 |
| Respiratory diseases | 1,319 | 1,462 | 1,328 | 1,691 | 891 | 1,084 |
| Cancer | 1,765 | 1,680 | 1,755 | 1,786 | 1,934 | 1,762 |
| Road traffic accidents | 137 | 53 | 98 | 31 | 91 | 21 |
| Suicides | 115 | 43 | 130 | 33 | 119 | 22 |
| All other | 856 | 886 | 1,054 | 1,221 | 1,209 | 1,551 |
| Total deaths | 7,648 | 7,778 | 7,128 | 7,775 | 7,007 | 7,506 |

Sources Republic of Ireland: Central Statistics Office
Northern Ireland: Northern Ireland Statistics and Research Agency

Note 2000 and 2001 figures for the Republic of Ireland are provisional.

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Table 2.7 Cancer deaths

| | <i>Number and rates</i> | | | | | | |
|-----------------------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Gender | 1950 | 1960 | 1970 | 1980 | 1990 | 2000 | 2001 |
| Republic of Ireland | | | | | | | |
| Male | 2,243 | 2,546 | 2,987 | 3,423 | 3,854 | 4,017 | 4,018 |
| Female | 1,970 | 2,215 | 2,557 | 2,864 | 3,261 | 3,546 | 3,559 |
| Total | 4,213 | 4,761 | 5,544 | 6,287 | 7,115 | 7,563 | 7,577 |
| Deaths per 1,000 population | 1.4 | 1.7 | 1.9 | 1.9 | 2.0 | 2.0 | 2.0 |
| Northern Ireland | | | | | | | |
| Male | 1,047 | 1,205 | 1,474 | 1,560 | 1,765 | 1,755 | 1,934 |
| Female | 1,044 | 1,096 | 1,335 | 1,438 | 1,680 | 1,786 | 1,762 |
| Total | 2,091 | 2,301 | 2,809 | 2,998 | 3,445 | 3,541 | 3,696 |
| Deaths per 1,000 population | 1.5 | 1.6 | 1.8 | 2.0 | 2.2 | 2.1 | 2.2 |

Sources Republic of Ireland: Central Statistics Office

Northern Ireland: Northern Ireland Statistics and Research Agency

Note : 2000 and 2001 figures for the Republic of Ireland are provisional

Figure 2.2 Cancer death rates

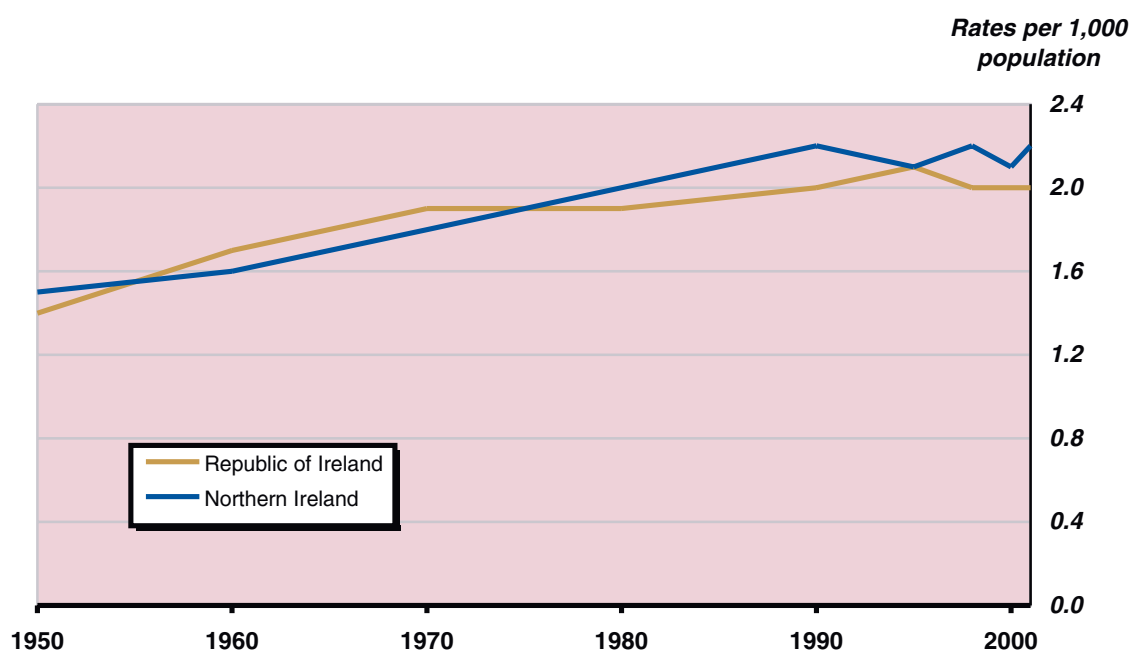


Table 2.8 Hospital statistics

Number and Percentages

| Description | 1999 | 2000 | 2001 |
|---|---------|---------|---------|
| Republic of Ireland¹ | | | |
| Average number of in-patient beds available | 11,781 | 11,891 | 12,028 |
| In-patients discharged/deaths | 531,456 | 551,764 | 560,137 |
| % occupancy | 83.0 | 83.2 | 84.9 |
| Day cases | 296,631 | 325,487 | 360,692 |
| Northern Ireland² | | | |
| Average number of in-patient beds available | 8,638 | 8,571 | 8,419 |
| In-patients discharged/deaths | 332,074 | 332,940 | 328,135 |
| % occupancy | 81.5 | 82.0 | 83.3 |
| Day cases | 119,985 | 123,207 | 130,068 |

Sources Republic of Ireland: Department of Health and Children
Northern Ireland: Department of Health, Social Services and Public Safety

¹ROI figures for 2000 and 2001 are provisional, and refer to the calendar year.

²Figures for Northern Ireland refer to the financial years, 1999 -2000; 2000-01 and 2001-02.

Technical Notes

I.

Northern Ireland births data from 1981 onwards exclude births to non-Northern Ireland resident mothers.

Data for the Republic of Ireland include births to non-Republic of Ireland resident mothers. (*Tables 2.1, 2.2, 2.3*)

II.

NI life expectancy data are based on an abridged life table with three years population and deaths data. (*Table 2.4*)

III.

The results for babies' names are based on an analysis of the first names recorded at registration of birth for NI and the Republic of Ireland. Only the first name was used for analysis, surnames and additional forenames were not used. Different spellings of a name have been treated as separate names. (*Table 2.5*)

IV.

In both the Republic of Ireland and Northern Ireland (except 2001) the cause of death is coded in accordance with the International Statistical Classification of Diseases, Injuries and Causes of Death (ICD), (Ninth Revision). From 2001, cause of death in Northern Ireland is coded according to ICD10. The codes used for the selected causes of death are:

| | ICD9 | ICD10 |
|--------------------------|-----------|-----------------|
| • Circulatory Diseases | 390-459 | 100-199 |
| • Respiratory Diseases | 460-519 | 300-399 |
| • Cancer | 140-208 | C00-C97 |
| • Road Traffic Accidents | E810-E829 | V01-V79 |
| • Suicides | E950-E959 | X60-84, Y870 |

Republic of Ireland births and deaths data refer to year of occurrence except for 1998 which refer to vital events registered in the year.

Cause of death data in Northern Ireland are based on the number of registered deaths.

Rates per thousand population have not been age-standardised. (*Tables 2.6, 2.7*)