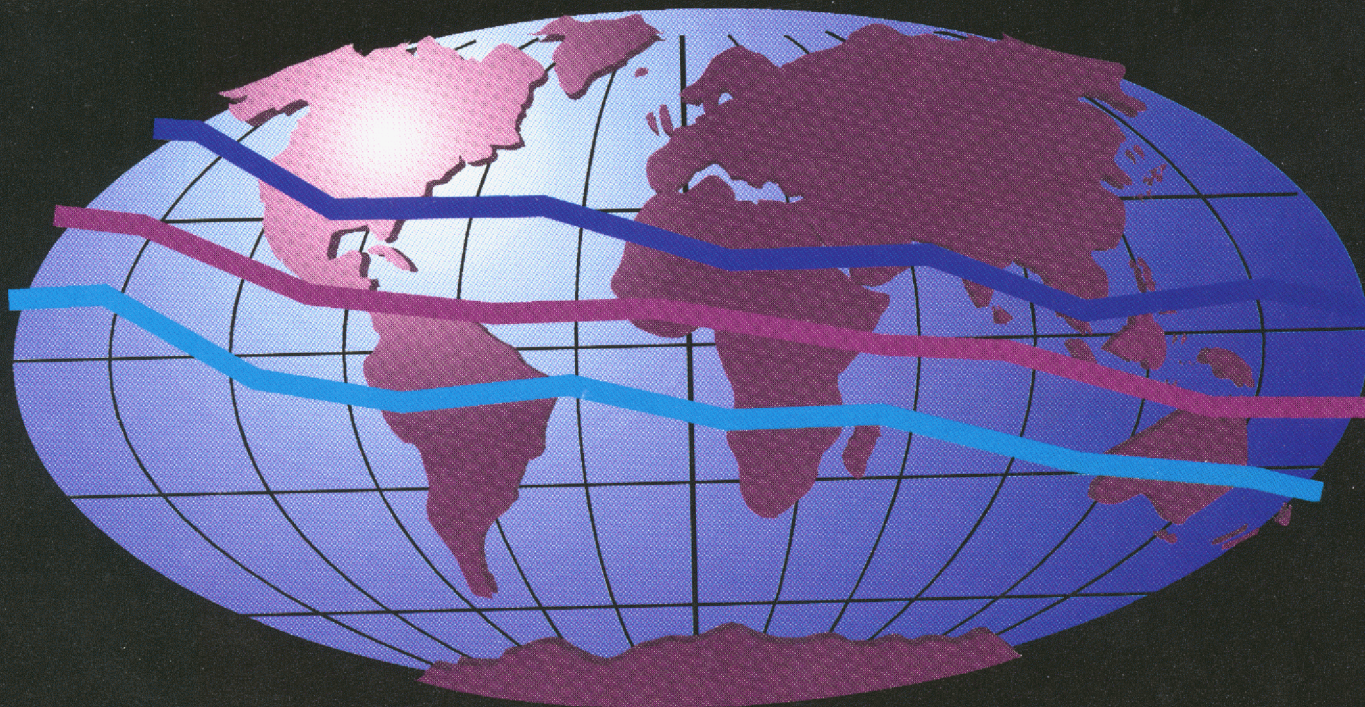


# International Mortality Chartbook

Levels and trends, 1955 - 91

From the CENTERS FOR DISEASE CONTROL and PREVENTION/National Center for Health Statistics





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# International Mortality

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# Chartbook

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Levels and trends, 1955 – 91

This report contains figures showing country rankings and trends for selected causes of death and variations in patterns of mortality in the United States and 40 industrialized countries. Tables showing mortality rates from selected causes for each country are also provided.

Alvan O. Zarate, Ph.D.

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U. S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
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Centers for Disease Control and Prevention  
National Center for Health Statistics

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## Preface

The benefits of assessing U.S. mortality patterns in comparison with those of other nations have become increasingly evident. This chartbook is designed to facilitate such evaluations by presenting information ordinarily unavailable or difficult to obtain in standardized formats useful to the general and specialized user. Data from the National Vital Statistics System were combined with those provided by the World Health Organization (WHO) to produce a series of figures in which the level, trend, and cause pattern of U.S. mortality may be compared with those of other industrialized countries. For those interested in additional details, age-adjusted rates for selected causes for the years 1955-89 are provided for 40 countries.

Interpretations and conclusions drawn from these data are the responsibility of the National Center for Health Statistics and not the World Health Organization (WHO), which is responsible only for providing basic information.



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<b>Symbol</b>	
---	Data not available

## Introduction

For many years, the National Center for Health Statistics (NCHS) has included several important tabulations of U.S. and international data in its major statistical reports. Beginning with *Health, United States, 1975*, comparative tables dealing with infant mortality were included (1). These tables have been expanded to include fetal-infant and postneonatal mortality rates as well as rates indicating life expectancy at birth and at age 65 (2).

This report enlarges upon previous efforts by bringing together mortality data from NCHS and the World Health Organization (WHO). Together with information already available (3-5), this chartbook can provide a foundation for a more comprehensive understanding of U.S. mortality as well as foster additional discussions and encourage further research.

## Overview

This chartbook consists of five sections. The first three sections present levels, trends, and configurations of U.S. mortality compared with those of other developed countries or groups of developed countries. The final two sections consist of tables showing 5-year mortality rates for selected causes of death for individual countries. Also, for the user's convenience, a

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quick reference table appears in the back of the chartbook; it lists several mortality indicators with estimated population for each of the countries included.

"Rankings," the first section, shows the relative standing of 36 countries according to level of age-adjusted mortality rates for selected causes. While the United States occupies an intermediate position for most causes, there are notable exceptions:

- **All-causes** mortality for U.S. white males and females ranks in the upper third among industrialized countries while that for U.S. black males and females ranks near the bottom among industrialized countries.
- Mortality for **cerebrovascular diseases** in the United States is the lowest of any developed country for males and nearly so for females.
- Mortality for **malignant neoplasms—all sites** among U.S. black men and women is particularly high.
- Mortality for **prostate cancer** among U.S. black males is much higher than that for any other industrialized country.
- Mortality for **respiratory cancer** is particularly high among white and black women in the United States.
- Mortality for **breast cancer and diabetes mellitus** among U.S. black women surpasses that among females of any other industrialized nation.

In "Trends," the second section, U.S. cause-specific mortality trends for a 35-year period are charted and compared with trends in the grouped mean mortality of a combination of 20 developed countries. The United States experienced sharp reductions in mortality for some causes (**diseases of heart, cerebrovascular diseases, unintentional injuries, and intestinal/rectal cancer**) while it

experienced noticeable increases for others (**respiratory cancer and homicide**).

The aggregated 20-country trends have not always paralleled those in the United States, and this had resulted in some notable changes in the differences observed in the mid-1950s:

- A narrowing of gaps in mortality for **diseases of heart, intestinal/rectal cancer, diabetes mellitus, pneumonia and influenza**, and, among males, **unintentional injuries—motor vehicle crashes**.
- A narrowing of the gap in mortality for **breast cancer (females)**; death rates from this disease remained stable in the United States but increased gradually in other countries.
- An increasingly low level of mortality for **cerebrovascular diseases** in the United States relative to the levels of other developed countries.
- A sharp widening of the difference in mortality for **respiratory cancer** among women, and a dramatic increase in male **homicide** mortality relative to that for the other 20 developed countries.

In "Cause profiles," the third section, the reader may compare U.S. mortality patterns of the major causes of death with the configuration or "profile" of these same causes in other countries. These figures reveal that the mortality pattern characterized by highest mortality from **diseases of heart** followed by **malignant neoplasms—all sites, cerebrovascular diseases, unintentional injuries, and chronic obstructive pulmonary diseases and allied conditions (COPD)** is widespread among English-speaking and Scandinavian countries. This pattern is not universal; among some Western and Southern European countries and Asian countries, mortality for **malignant neoplasms—all sites**



rivals or at times clearly surpasses that for **diseases of heart**. In Eastern European countries, mortality for **cerebrovascular diseases** is of much greater importance than elsewhere and contends with or exceeds mortality for **malignant neoplasms—all sites** in several instances. Although these observations are generally true regardless of sex, there are important differences between males and females regarding level and mortality configuration.

For readers interested in the data upon which these charts are based, "Selected causes," the fourth section, provides age-adjusted mortality rates for selected causes of death for 40 countries for each 5-year period from 1955 to 1989. "Selected neoplasm sites," the fifth section, contains 5-year mortality rates for each country for as many specific neoplasm sites as the database would permit.

## Data

The figures and tables presented in this chartbook are based upon a mortality database containing information for 39 countries, covering the period from 1955 to 1991 (appendix, table 1). In addition, data were also tabulated for the United Kingdom (combined data for England and Wales, Scotland, and Northern Ireland) and the Federal Republic of Germany (combined data for the former Federal Republic of Germany and the German Democratic Republic), bringing the total to 41 countries for which data were tabulated. Data were not available for the nations that replaced the former Union of Soviet Socialist Republics, Yugoslavia, and Czechoslovakia. Data for the countries that compose the United Kingdom and the Federal Republic of Germany are provided in "Selected causes" and "Selected neoplasm sites."

The mortality indicators included in this chartbook consist of total (unadjusted and age-adjusted) mortality rates, expectation of life at birth, and infant mortality. The WHO "Old" European standard population was used to calculate age-adjusted rates. This population has been presented regularly in WHO's *World Health Statistics Annual* (4). A detailed description of the content, coverage, and quality of information contained in WHO's databank may also be found in that publication.

Cause-of-death data in the WHO data files are limited to those causes contained in the basic tabulation list of the *Ninth Revision, International Classification of Diseases* (ICD-9) and the "A" lists for the sixth, seventh, and eighth revisions. Because of this, tabulations based on these files are restricted to conditions coded to three digits; see appendix, table 2.

## Data limitations

Although the countries for which data are presented were selected because their statistical agencies produce high quality statistics, the information presented in this chartbook is nonetheless subject to a number of important limitations. These include international differences in diagnostic practices and physician training (from country to country and year to year), the interpretation of internationally recommended rules for coding a cause of death and the organization of that function within countries, the availability of diagnostic aids, and the use of autopsies. These and a number of other difficulties attendant to the use of cause-of-death statistics based upon underlying cause classifications have been extensively treated elsewhere (6-10).

Although adequate for most purposes, the amount of detail available in the WHO

cause-of-death tabulation lists had several noticeable consequences for this report:

- Except for the United States, it was not possible to identify the category chronic obstructive pulmonary diseases and allied conditions as defined in ICD-9 before the implementation of ICD-9. Because a significant proportion of mortality from this cause of death is not included in the three-digit tabulations of previous ICD revisions, no tabulations for COPD are presented for the period before the late 1970s.
- Although it was possible to tabulate deaths attributed to colorectal cancer (ICD-9 category numbers 153-154) for the rates presented in "Rankings," deaths from this cause could not be separately identified before the ICD-9. The more inclusive grouping (ICD-9 category numbers 152-154), which includes malignant neoplasms of the small intestine as well as of the colon and rectum, has a mortality rate only slightly larger owing to the relatively small number of deaths from malignant neoplasms of the small intestine. For this reason, mortality from the broader category was tabulated for the entire 1955-89 period.
- Deaths due to injuries from motor vehicle traffic-related crashes could not be distinguished from those from motor vehicle non-traffic accidents before the implementation of the Ninth Revision. On the other hand, non-traffic accidents were not separately identifiable in the ICD three-digit codes for the Ninth Revision. The use of the Ninth Revision three-digit code had the result of excluding the relatively small number of deaths from motor vehicle non-traffic related crashes from tabulations involving countries and years

where deaths were coded under that revision.

- Deaths from respiratory and intrathoracic cancer (ICD-9 category numbers 160-165) are presented in "Rankings." However, for comparability with earlier ICD revisions, a more limited grouping involving cancer of the trachea, bronchus, and lung and cancer of the trachea (ICD-9 category numbers 161-162) was necessary. The effect of this restriction is also relatively minor.

Additional notes and data qualifications are provided in specific sections as appropriate.

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# Rankings





In the following tables, adjusted and unadjusted mortality rates are given for 36 countries for the latest year for which such data are available. In all tables, countries are ranked according to the level of their age-adjusted mortality rate. For the majority of the countries, data are presented for 1990 or 1991. For the others, except Belgium, 1989 is the latest year for which data are available in the World Health Organization database.

For the United States, rates are provided for the total population as well as for the white and black populations.

**Males**



**Table 1-1. Adjusted and unadjusted male mortality from all causes by race: Selected countries and latest available year**

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
All causes			
Japan .....	1991	803.0	745.3
Hong Kong .....	1989	828.8	546.9
Greece .....	1990	903.2	995.0
Israel .....	1989	906.5	668.8
Sweden .....	1989	913.5	1,140.7
Switzerland .....	1991	922.2	966.1
Canada .....	1990	931.1	793.9
Cuba .....	1990	948.0	758.2
France .....	1990	949.2	987.1
Spain .....	1989	958.1	903.1
Italy .....	1989	973.2	993.1
<b>United States: White</b> .....	<b>1991</b>	<b>979.7</b>	<b>926.2</b>
Australia .....	1988	984.8	788.2
Netherlands .....	1990	1,003.3	901.7
Norway .....	1990	1,018.4	1,139.0
<b>United States</b> .....	<b>1991</b>	<b>1,018.5</b>	<b>912.1</b>
United Kingdom .....	1991	1,032.2	1,117.7
Austria .....	1991	1,037.1	1,028.0
Denmark .....	1991	1,068.6	1,177.4
New Zealand .....	1989	1,070.1	866.9
Singapore .....	1990	1,088.0	564.0
Belgium .....	1987	1,104.4	1,116.1
Costa Rica .....	1989	1,115.5	431.5
Germany, Federal Republic of <sup>1</sup> .....	1990	1,120.2	1,111.6
Finland .....	1991	1,144.8	1,009.6
Ireland .....	1990	1,193.0	962.3
Chile .....	1989	1,198.5	656.2
Argentina .....	1989	1,209.1	885.0
Yugoslavia .....	1990	1,228.5	957.8
Uruguay .....	1990	1,250.3	1,098.1
Portugal .....	1991	1,251.3	1,147.0
Bulgaria .....	1991	1,387.4	1,354.5
Romania .....	1990	1,389.5	1,151.4
<b>United States: Black</b> .....	<b>1991</b>	<b>1,471.0</b>	<b>998.7</b>
Czechoslovakia .....	1990	1,537.7	1,268.3
Poland .....	1991	1,566.3	1,168.9
U.S.S.R. ....	1990	1,604.3	1,074.1
Hungary .....	1991	1,665.0	1,545.6

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-2. Adjusted and unadjusted male mortality from diseases of heart by race:  
Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Diseases of heart (390-398, 402, 404-429)			
Hong Kong . . . . .	1989	135.2	84.6
Japan . . . . .	1991	157.9	142.8
France . . . . .	1990	172.8	183.4
Spain . . . . .	1989	203.7	190.0
Chile . . . . .	1989	204.7	94.5
Portugal . . . . .	1991	205.2	188.3
Italy . . . . .	1989	236.9	240.4
Belgium . . . . .	1987	259.5	263.5
Canada . . . . .	1990	271.9	226.9
Singapore . . . . .	1990	274.2	138.0
Costa Rica . . . . .	1989	275.6	84.8
Switzerland . . . . .	1991	277.9	291.7
Netherlands . . . . .	1990	280.5	251.3
Greece . . . . .	1990	281.9	312.2
Cuba . . . . .	1990	282.5	215.8
Uruguay . . . . .	1990	287.6	247.4
Israel . . . . .	1989	300.8	214.7
Australia . . . . .	1988	324.7	252.3
<b>United States: White . . . . .</b>	<b>1991</b>	<b>330.0</b>	<b>307.6</b>
Denmark . . . . .	1991	335.0	373.8
<b>United States . . . . .</b>	<b>1991</b>	<b>335.1</b>	<b>292.6</b>
United Kingdom . . . . .	1991	336.4	366.3
Sweden . . . . .	1989	336.4	430.9
Norway . . . . .	1990	338.5	381.2
Austria . . . . .	1991	339.3	336.2
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	348.5	343.9
New Zealand . . . . .	1989	355.9	282.1
Poland . . . . .	1991	377.6	282.5
Argentina . . . . .	1989	378.5	258.8
Finland . . . . .	1991	402.3	351.1
Yugoslavia . . . . .	1990	403.8	298.8
Romania . . . . .	1990	405.9	325.1
Ireland . . . . .	1990	413.9	330.1
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>422.2</b>	<b>253.9</b>
Hungary . . . . .	1991	440.0	406.2
Bulgaria . . . . .	1991	452.6	443.8
U.S.S.R. <sup>2</sup> . . . . .	1990	491.8	293.1
Czechoslovakia . . . . .	1990	495.9	402.1

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

<sup>2</sup>Data for this country include essential hypertension and hypertensive renal disease (ICD-9 category nos. 401 and 403, respectively).



**Table 1-3. Adjusted and unadjusted male mortality from ischemic heart disease by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Ischemic heart disease (410-414)			
Japan . . . . .	1991	48.6	45.1
Hong Kong . . . . .	1989	84.6	51.7
France . . . . .	1990	91.6	96.7
Spain . . . . .	1989	106.0	100.7
Portugal . . . . .	1991	121.1	113.2
Yugoslavia . . . . .	1990	126.3	101.6
Argentina . . . . .	1989	133.0	91.9
Chile . . . . .	1989	136.4	62.4
Greece . . . . .	1990	138.2	152.6
Italy . . . . .	1989	138.3	143.4
Belgium . . . . .	1987	151.3	155.1
Switzerland . . . . .	1991	162.4	172.0
Uruguay . . . . .	1990	165.1	142.7
Netherlands . . . . .	1990	194.2	175.9
Poland . . . . .	1991	203.7	158.0
Israel . . . . .	1989	206.7	147.8
Costa Rica . . . . .	1989	214.9	65.7
Austria . . . . .	1991	218.9	217.5
Canada . . . . .	1990	223.3	187.1
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	225.1	224.1
Singapore . . . . .	1990	227.7	112.7
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>228.7</b>	<b>135.3</b>
<b>United States . . . . .</b>	<b>1991</b>	<b>232.4</b>	<b>203.1</b>
<b>United States: White . . . . .</b>	<b>1991</b>	<b>235.2</b>	<b>219.5</b>
Romania . . . . .	1990	239.3	193.4
Cuba . . . . .	1990	250.4	190.5
Sweden . . . . .	1989	272.0	349.1
Australia . . . . .	1988	273.6	214.8
Denmark . . . . .	1991	279.1	311.3
Norway . . . . .	1990	280.2	315.3
Bulgaria . . . . .	1991	287.9	281.5
United Kingdom . . . . .	1991	302.7	330.3
New Zealand . . . . .	1989	309.4	246.2
Hungary . . . . .	1991	339.4	314.9
Ireland . . . . .	1990	340.3	274.1
Finland . . . . .	1991	340.4	298.2
Czechoslovakia . . . . .	1990	433.1	349.9
U.S.S.R. . . . .	1990	455.1	267.7

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-4. Adjusted and unadjusted male mortality from cerebrovascular diseases by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Cerebrovascular diseases (430-438)			
<b>United States: White</b> .....	<b>1991</b>	<b>49.1</b>	<b>46.3</b>
<b>United States</b> .....	<b>1991</b>	<b>52.4</b>	<b>46.1</b>
Canada .....	1990	56.7	46.4
Switzerland .....	1991	61.1	65.2
France .....	1990	66.1	71.4
Sweden .....	1989	73.0	96.1
Israel .....	1989	73.5	53.9
Netherlands .....	1990	75.4	66.7
Hong kong .....	1989	75.9	48.4
Denmark .....	1991	81.0	92.4
Australia .....	1988	81.8	61.0
Belgium .....	1987	82.0	82.8
Cuba .....	1990	85.5	65.5
New Zealand .....	1989	85.5	64.8
<b>United States: Black</b> .....	<b>1991</b>	<b>86.6</b>	<b>52.1</b>
Poland .....	1991	88.4	64.9
Ireland .....	1990	91.5	72.9
Costa Rica .....	1989	92.5	26.6
United Kingdom .....	1991	95.0	104.7
Norway .....	1990	96.1	111.4
Germany, Federal Republic of <sup>1</sup> .....	1990	100.3	98.9
Japan .....	1991	101.4	92.3
Spain .....	1989	102.5	95.5
Austria .....	1991	104.2	104.7
Chile .....	1989	108.9	50.7
Italy .....	1989	109.2	111.0
Finland .....	1991	112.0	94.8
Argentina .....	1989	117.7	80.8
Singapore .....	1990	120.6	57.9
Uruguay .....	1990	122.6	103.8
Greece .....	1990	132.8	151.3
Yugoslavia .....	1990	157.5	118.6
Romania .....	1990	192.3	153.8
Hungary .....	1991	206.9	190.4
Czechoslovakia .....	1990	210.1	167.2
U.S.S.R. ....	1990	244.9	139.1
Portugal .....	1991	256.8	232.8
Bulgaria .....	1991	262.6	261.7

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-5. Adjusted and unadjusted male mortality from malignant neoplasms—all sites by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—all sites (140–208)			
Israel . . . . .	1989	173.2	123.9
Romania . . . . .	1990	187.2	163.8
Cuba . . . . .	1990	196.1	148.9
Bulgaria . . . . .	1991	197.6	206.2
Sweden . . . . .	1989	198.6	249.1
Chile . . . . .	1989	213.8	105.5
Greece . . . . .	1990	218.1	242.2
Norway . . . . .	1990	224.6	252.0
Argentina . . . . .	1989	227.0	162.0
Portugal . . . . .	1991	227.3	215.1
Yugoslavia . . . . .	1990	227.5	185.4
Japan . . . . .	1991	228.2	222.6
Finland . . . . .	1991	229.2	204.1
<b>United States: White . . . . .</b>	<b>1991</b>	<b>244.2</b>	<b>228.9</b>
Australia . . . . .	1988	251.0	203.8
Spain . . . . .	1989	251.0	241.1
<b>United States . . . . .</b>	<b>1991</b>	<b>251.7</b>	<b>221.5</b>
Singapore . . . . .	1990	257.0	138.8
Canada . . . . .	1990	258.1	220.4
Hong Kong . . . . .	1989	258.9	182.4
Costa Rica . . . . .	1989	260.0	89.3
New Zealand . . . . .	1989	260.6	211.2
Austria . . . . .	1991	264.0	260.6
Switzerland . . . . .	1991	264.5	277.6
Denmark . . . . .	1991	266.4	294.8
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	268.8	268.9
Ireland . . . . .	1990	268.9	220.4
United Kingdom . . . . .	1991	275.0	300.4
Italy . . . . .	1989	285.1	299.5
U.S.S.R. . . . .	1990	286.9	196.2
Poland . . . . .	1991	296.5	228.2
Netherlands . . . . .	1990	296.5	268.9
France . . . . .	1990	298.5	304.8
Uruguay . . . . .	1990	307.2	268.8
Belgium . . . . .	1987	316.7	324.8
Czechoslovakia . . . . .	1990	340.9	289.4
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>361.9</b>	<b>217.5</b>
Hungary . . . . .	1991	376.9	359.9

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-6. Adjusted and unadjusted male mortality from malignant neoplasms—colorectal by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—colorectal (153–154)			
Costa Rica . . . . .	1989	11.0	3.9
Greece . . . . .	1990	11.0	12.6
Chile . . . . .	1989	11.1	5.3
Romania . . . . .	1990	13.9	12.1
Cuba . . . . .	1990	15.3	11.6
Finland . . . . .	1991	19.0	16.7
Yugoslavia . . . . .	1990	20.0	15.9
Spain . . . . .	1989	20.4	19.7
Argentina . . . . .	1989	21.3	14.9
Israel . . . . .	1989	22.1	15.9
Bulgaria . . . . .	1991	22.4	23.5
U.S.S.R. . . . .	1990	23.0	14.8
Poland . . . . .	1991	23.1	17.3
Hong Kong . . . . .	1989	23.2	15.9
Sweden . . . . .	1989	23.7	29.9
Japan . . . . .	1991	23.7	23.1
Italy . . . . .	1989	23.9	25.2
Portugal . . . . .	1991	23.9	23.0
Uruguay . . . . .	1990	25.7	22.4
<b>United States: White . . . . .</b>	<b>1991</b>	<b>25.9</b>	<b>24.3</b>
<b>United States . . . . .</b>	<b>1991</b>	<b>26.2</b>	<b>23.0</b>
Singapore . . . . .	1990	26.4	14.5
Netherlands . . . . .	1990	26.5	24.0
Canada . . . . .	1990	26.8	22.9
France . . . . .	1990	27.1	28.6
Switzerland . . . . .	1991	27.9	29.7
Norway . . . . .	1990	30.1	33.9
United Kingdom . . . . .	1991	31.1	33.7
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>32.4</b>	<b>19.3</b>
Belgium . . . . .	1987	32.7	33.5
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	32.8	32.8
Australia . . . . .	1988	33.1	26.6
Ireland . . . . .	1990	33.4	26.9
Denmark . . . . .	1991	35.4	39.5
Austria . . . . .	1991	35.6	35.2
New Zealand . . . . .	1989	39.6	31.8
Hungary . . . . .	1991	46.2	44.1
Czechoslovakia . . . . .	1990	46.9	39.2

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-7. Adjusted and unadjusted male mortality from malignant neoplasms—respiratory by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—respiratory (160–165) <sup>1</sup>			
Costa Rica	1989	32.1	11.1
Chile	1989	35.3	17.6
Sweden	1989	37.1	45.9
Israel	1989	40.7	27.8
Norway	1990	48.4	53.2
Portugal	1991	49.9	47.2
Japan	1991	50.3	49.0
Bulgaria	1991	61.6	64.6
Romania	1990	62.9	55.4
Argentina	1989	65.0	46.9
Cuba	1990	66.9	49.8
Switzerland	1991	69.2	71.6
Finland	1991	70.8	64.5
New Zealand	1989	70.9	57.6
Australia	1988	73.4	60.3
Austria	1991	73.9	72.1
Denmark	1991	75.6	82.8
Ireland	1990	76.3	63.4
Germany, Federal Republic of <sup>2</sup>	1990	78.1	78.0
Spain	1989	78.9	76.0
Greece	1990	80.0	88.1
Yugoslavia	1990	81.8	67.7
Singapore	1990	83.1	42.2
<b>United States: White</b>	<b>1991</b>	<b>86.8</b>	<b>80.7</b>
<b>United States</b>	<b>1991</b>	<b>89.3</b>	<b>77.8</b>
Hong Kong	1989	89.8	62.1
Canada	1990	90.2	77.2
France	1990	90.8	90.1
United Kingdom	1991	90.8	99.7
Uruguay	1990	95.4	83.8
Italy	1989	96.8	101.7
Netherlands	1990	110.2	100.9
Poland	1991	116.4	90.3
Czechoslovakia	1990	118.2	100.1
Belgium	1987	124.0	128.2
<b>United States: Black</b>	<b>1991</b>	<b>127.4</b>	<b>75.8</b>
Hungary	1991	130.8	125.8

<sup>1</sup>Data not available for U.S.S.R.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-8. Adjusted and unadjusted male mortality from malignant neoplasms—prostate by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—prostate (185)			
Hong Kong	1989	4.7	2.6
Japan	1991	7.0	6.4
Singapore	1990	9.2	3.6
U.S.S.R.	1990	10.1	5.9
Romania	1990	11.2	9.2
Bulgaria	1991	12.4	12.8
Greece	1990	14.4	16.7
Israel	1989	14.5	10.9
Yugoslavia	1990	14.6	10.8
Poland	1991	16.3	11.7
Italy	1989	19.2	20.4
Czechoslovakia	1990	22.1	18.6
Argentina	1989	22.1	14.6
Spain	1989	22.6	21.6
Chile	1989	23.1	10.0
Hungary	1991	26.4	24.1
Germany, Federal Republic of <sup>1</sup>	1990	27.5	27.4
Belgium	1987	27.6	28.2
<b>United States: White</b>	<b>1991</b>	<b>28.1</b>	<b>27.1</b>
Portugal	1991	28.3	26.4
Canada	1990	29.2	24.5
Finland	1991	29.5	24.9
United Kingdom	1991	29.5	33.4
Australia	1988	29.7	22.8
France	1990	30.2	33.4
<b>United States</b>	<b>1991</b>	<b>30.3</b>	<b>27.3</b>
Austria	1991	31.4	32.1
Denmark	1991	31.6	36.9
Ireland	1990	32.4	26.6
Netherlands	1990	32.8	28.9
New Zealand	1989	32.9	25.7
Cuba	1990	33.2	25.8
Sweden	1989	35.3	47.3
Uruguay	1990	35.3	30.4
Costa Rica	1989	35.7	9.2
Norway	1990	37.9	45.4
Switzerland	1991	39.8	43.3
<b>United States: Black</b>	<b>1991</b>	<b>61.5</b>	<b>35.9</b>

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-9. Adjusted and unadjusted male mortality from diabetes mellitus by race:  
Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Diabetes mellitus (250)			
Greece . . . . .	1990	6.1	7.0
U.S.S.R. . . . .	1990	6.3	4.4
Hong Kong . . . . .	1989	6.7	4.2
Japan . . . . .	1991	8.0	7.7
France . . . . .	1990	8.7	9.2
Finland . . . . .	1991	8.9	8.2
Romania . . . . .	1990	9.7	8.4
Norway . . . . .	1990	9.8	10.8
Belgium . . . . .	1987	11.7	12.0
Sweden . . . . .	1989	12.3	15.2
United Kingdom . . . . .	1991	12.5	13.7
Denmark . . . . .	1991	13.2	14.5
Australia . . . . .	1988	14.2	11.2
Hungary . . . . .	1991	14.3	14.0
Switzerland . . . . .	1991	14.6	15.4
New Zealand . . . . .	1989	15.1	11.9
Ireland . . . . .	1990	15.6	12.8
Yugoslavia . . . . .	1990	16.0	12.6
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	16.2	16.3
Poland . . . . .	1991	16.6	12.8
Spain . . . . .	1989	16.7	16.1
Austria . . . . .	1991	17.4	17.5
Bulgaria . . . . .	1991	17.6	18.4
Singapore . . . . .	1990	17.6	9.3
Canada . . . . .	1990	17.7	14.9
<b>United States: White . . . . .</b>	<b>1991</b>	<b>17.9</b>	<b>16.9</b>
Chile . . . . .	1989	18.3	9.0
Czechoslovakia . . . . .	1990	18.4	15.8
<b>United States . . . . .</b>	<b>1991</b>	<b>19.4</b>	<b>17.2</b>
Uruguay . . . . .	1990	19.6	17.3
Netherlands . . . . .	1990	20.0	17.8
Cuba . . . . .	1990	20.1	15.3
Costa Rica . . . . .	1989	21.8	7.8
Italy . . . . .	1989	22.3	23.6
Israel . . . . .	1989	24.3	17.0
Argentina . . . . .	1989	25.6	18.1
Portugal . . . . .	1991	26.5	25.6
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>36.2</b>	<b>22.1</b>

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-10. Adjusted and unadjusted male mortality from pneumonia by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Pneumonia (480-486)			
Greece . . . . .	1990	6.4	7.0
Hungary . . . . .	1991	10.4	9.0
Australia . . . . .	1988	12.4	8.8
Italy . . . . .	1989	12.5	11.7
Yugoslavia . . . . .	1990	15.6	12.2
Austria . . . . .	1991	16.7	16.3
Israel . . . . .	1989	18.8	13.5
U.S.S.R. . . . .	1990	19.9	18.4
France . . . . .	1990	20.2	21.6
Spain . . . . .	1989	20.4	18.5
Poland . . . . .	1991	21.2	15.2
Denmark . . . . .	1991	23.0	25.2
Switzerland . . . . .	1991	23.2	24.1
Netherlands . . . . .	1990	23.5	19.3
Belgium . . . . .	1987	23.6	23.5
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	23.8	22.9
Uruguay . . . . .	1990	27.6	23.8
Canada . . . . .	1990	30.8	24.1
Argentina . . . . .	1989	31.2	21.7
Costa Rica . . . . .	1989	32.1	11.5
<b>United States: White . . . . .</b>	<b>1991</b>	<b>32.7</b>	<b>30.2</b>
<b>United States . . . . .</b>	<b>1991</b>	<b>33.6</b>	<b>29.1</b>
Portugal . . . . .	1991	35.6	30.6
Cuba . . . . .	1990	40.1	32.3
Sweden . . . . .	1989	40.6	51.3
Czechoslovakia . . . . .	1990	41.2	32.9
United Kingdom . . . . .	1991	41.5	42.5
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>42.6</b>	<b>26.5</b>
New Zealand . . . . .	1989	43.2	29.0
Bulgaria . . . . .	1991	45.3	42.4
Romania . . . . .	1990	49.3	42.4
Finland . . . . .	1991	53.0	41.5
Norway . . . . .	1990	53.9	60.6
Hong Kong . . . . .	1989	62.3	36.0
Ireland . . . . .	1990	68.7	51.2
Japan . . . . .	1991	76.3	65.9
Chile . . . . .	1989	96.5	50.0
Singapore . . . . .	1990	109.6	43.2

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-11. Adjusted and unadjusted male mortality from influenza by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Influenza (487)			
Hong Kong . . . . .	1989	0.0	0.0
Costa Rica . . . . .	1989	0.1	0.1
Romania . . . . .	1990	0.1	0.0
Japan . . . . .	1991	0.1	0.1
Israel . . . . .	1989	0.1	0.1
Argentina . . . . .	1989	0.1	0.1
Singapore . . . . .	1990	0.1	0.1
Poland . . . . .	1991	0.2	0.1
Cuba . . . . .	1990	0.2	0.1
Bulgaria . . . . .	1991	0.2	0.2
Greece . . . . .	1990	0.2	0.2
<b>United States: Black.</b> . . . . .	<b>1991</b>	<b>0.2</b>	<b>0.2</b>
United Kingdom . . . . .	1991	0.3	0.3
Yugoslavia . . . . .	1990	0.3	0.2
<b>United States</b> . . . . .	<b>1991</b>	<b>0.4</b>	<b>0.4</b>
<b>United States: White.</b> . . . . .	<b>1991</b>	<b>0.4</b>	<b>0.4</b>
Finland . . . . .	1991	0.5	0.3
Denmark . . . . .	1991	0.5	0.6
Austria . . . . .	1991	0.5	0.5
Hungary . . . . .	1991	0.6	0.6
Portugal . . . . .	1991	0.6	0.5
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	0.6	0.6
Belgium . . . . .	1987	0.7	0.6
U.S.S.R. . . . .	1990	0.7	0.7
Uruguay . . . . .	1990	0.8	0.6
Italy . . . . .	1989	0.8	0.7
Czechoslovakia . . . . .	1990	1.0	0.8
Canada . . . . .	1990	1.1	0.8
Australia . . . . .	1988	1.1	0.8
Spain . . . . .	1989	1.2	1.0
Chile . . . . .	1989	1.4	0.6
Sweden . . . . .	1989	1.6	2.0
Netherlands . . . . .	1990	1.9	1.5
New Zealand . . . . .	1989	1.9	1.5
Ireland . . . . .	1990	2.3	1.8
France . . . . .	1990	2.6	2.7
Switzerland . . . . .	1991	2.9	2.9
Norway . . . . .	1990	3.3	3.5

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-12. Adjusted and unadjusted male mortality from chronic obstructive pulmonary diseases and allied conditions by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Chronic obstructive pulmonary diseases and allied conditions (490-496) <sup>1</sup>			
Greece . . . . .	1990	9.3	10.7
Japan . . . . .	1991	20.1	18.2
Sweden . . . . .	1989	20.8	27.3
France . . . . .	1990	29.7	32.0
Norway . . . . .	1990	32.4	38.1
Bulgaria . . . . .	1991	32.5	33.0
Israel . . . . .	1989	33.0	23.8
Finland . . . . .	1991	33.5	28.8
Austria . . . . .	1991	34.9	34.8
Czechoslovakia . . . . .	1990	40.2	32.3
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>40.2</b>	<b>24.5</b>
Portugal . . . . .	1991	42.4	39.4
Yugoslavia . . . . .	1990	43.2	32.1
<b>United States . . . . .</b>	<b>1991</b>	<b>45.5</b>	<b>41.1</b>
Poland . . . . .	1991	45.6	33.1
Canada . . . . .	1990	46.1	38.5
<b>United States: White . . . . .</b>	<b>1991</b>	<b>46.4</b>	<b>44.9</b>
Italy . . . . .	1989	46.6	47.9
Belgium . . . . .	1987	48.3	49.7
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	50.5	50.0
Spain . . . . .	1989	53.5	51.0
Netherlands . . . . .	1990	63.7	57.5
United Kingdom . . . . .	1991	64.0	71.6
Australia . . . . .	1988	66.3	51.6
Hungary . . . . .	1991	67.7	61.2
New Zealand . . . . .	1989	69.8	55.8
U.S.S.R. . . . .	1990	72.2	42.5
Hong Kong . . . . .	1989	76.8	47.9
Romania . . . . .	1990	83.1	66.1
Ireland . . . . .	1990	89.3	72.6
Singapore . . . . .	1990	89.6	38.0

<sup>1</sup>Data not available for Denmark, Switzerland, Argentina, Cuba, Uruguay, Costa Rica, and Chile.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-13. Adjusted and unadjusted male mortality from chronic liver disease and cirrhosis by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
<b>Chronic liver disease and cirrhosis (571)<sup>1</sup></b>			
Ireland	1990	3.2	2.6
New Zealand	1989	5.5	4.5
Netherlands	1990	6.6	6.0
United Kingdom	1991	7.3	7.3
Norway	1990	7.8	7.6
Sweden	1989	9.4	10.2
Hong Kong	1989	10.7	8.0
Israel	1989	10.7	7.3
Singapore	1990	11.8	7.2
Australia	1988	12.3	10.3
Greece	1990	12.8	13.6
Canada	1990	13.3	11.3
Switzerland	1991	13.5	13.6
Cuba	1990	13.8	10.4
<b>United States: White</b>	<b>1991</b>	<b>14.7</b>	<b>13.4</b>
Belgium	1987	15.1	15.1
<b>United States</b>	<b>1991</b>	<b>15.3</b>	<b>13.2</b>
Finland	1991	16.4	15.8
Denmark	1991	18.5	18.5
Uruguay	1990	18.6	15.9
Japan	1991	18.8	18.9
Poland	1991	20.1	16.1
Argentina	1989	21.1	15.6
<b>United States: Black</b>	<b>1991</b>	<b>21.6</b>	<b>14.5</b>
Bulgaria	1991	23.1	24.0
France	1990	26.0	25.1
Costa Rica	1989	27.6	12.4
Yugoslavia	1990	28.6	24.4
Germany, Federal Republic of <sup>2</sup>	1990	30.0	30.4
Spain	1989	31.3	29.6
Italy	1989	35.5	36.9
Czechoslovakia	1990	43.0	37.6
Austria	1991	43.7	41.7
Portugal	1991	43.8	40.6
Romania	1990	47.0	41.3
Chile	1989	70.4	40.0
Hungary	1991	84.0	81.6

<sup>1</sup>Data not available for U.S.S.R.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-14. Adjusted and unadjusted male mortality from unintentional injuries—motor vehicle traffic-related crashes by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Unintentional injuries—motor vehicle traffic-related crashes (E810–E819)			
Hong Kong . . . . .	1989	7.8	6.9
Norway . . . . .	1990	11.7	12.4
Netherlands . . . . .	1990	11.8	12.3
United Kingdom . . . . .	1991	12.1	12.7
Sweden . . . . .	1989	13.5	14.2
Chile . . . . .	1989	14.7	12.3
Israel . . . . .	1989	15.0	13.5
Singapore . . . . .	1990	15.5	14.5
Bulgaria . . . . .	1991	15.7	15.8
Denmark . . . . .	1991	15.9	16.8
Finland . . . . .	1991	16.1	15.9
Argentina . . . . .	1989	16.2	14.6
Japan . . . . .	1991	16.4	17.1
Uruguay . . . . .	1990	18.4	17.6
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	18.5	19.5
Switzerland . . . . .	1991	18.5	19.3
Canada . . . . .	1990	18.8	19.4
Cuba . . . . .	1990	19.1	15.7
Ireland . . . . .	1990	19.8	19.2
Czechoslovakia . . . . .	1990	21.4	20.7
Italy . . . . .	1989	22.7	24.4
<b>United States: White</b> . . . . .	<b>1991</b>	<b>23.1</b>	<b>23.8</b>
<b>United States</b> . . . . .	<b>1991</b>	<b>23.2</b>	<b>23.8</b>
Austria . . . . .	1991	25.2	27.0
France . . . . .	1990	25.3	26.5
Australia . . . . .	1988	25.3	26.4
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>26.4</b>	<b>25.2</b>
Yugoslavia . . . . .	1990	27.1	26.3
Belgium . . . . .	1987	27.6	29.1
New Zealand . . . . .	1989	29.7	32.0
Costa Rica . . . . .	1989	30.2	21.1
Romania . . . . .	1990	30.6	28.9
Spain . . . . .	1989	31.9	32.9
Greece . . . . .	1990	32.5	33.9
Hungary . . . . .	1991	34.7	34.8
Poland . . . . .	1991	38.2	36.3
U.S.S.R. . . . .	1990	39.1	37.9
Portugal . . . . .	1991	46.4	47.7

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-15. Adjusted and unadjusted male mortality from unintentional injuries—all other by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Unintentional injuries—all other (E800–E807, E826–E949) <sup>1</sup>			
Singapore . . . . .	1990	14.2	11.7
United Kingdom . . . . .	1991	14.7	15.0
Hong Kong . . . . .	1989	15.2	13.4
Netherlands . . . . .	1990	16.7	14.9
Greece . . . . .	1990	19.9	20.4
Japan . . . . .	1991	21.7	20.8
Belgium . . . . .	1987	22.6	22.3
Ireland . . . . .	1990	23.0	20.1
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	23.2	22.9
Italy . . . . .	1989	23.4	23.2
Australia . . . . .	1988	23.5	21.1
<b>United States: White</b> . . . . .	<b>1991</b>	<b>24.2</b>	<b>23.9</b>
Sweden . . . . .	1989	25.3	28.3
<b>United States</b> . . . . .	<b>1991</b>	<b>25.7</b>	<b>24.8</b>
Canada . . . . .	1990	27.4	25.2
Portugal . . . . .	1991	27.4	25.7
Israel . . . . .	1989	27.6	21.9
Spain . . . . .	1989	29.3	28.9
New Zealand . . . . .	1989	30.1	27.2
Denmark . . . . .	1991	30.9	33.1
Austria . . . . .	1991	32.0	31.6
Yugoslavia . . . . .	1990	33.3	29.8
Chile . . . . .	1989	34.5	26.1
Argentina . . . . .	1989	37.6	33.3
Switzerland . . . . .	1991	37.9	39.4
Norway . . . . .	1990	40.4	42.2
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>40.7</b>	<b>34.6</b>
France . . . . .	1990	41.0	41.9
Bulgaria . . . . .	1991	41.5	41.0
Costa Rica . . . . .	1989	47.1	27.4
Uruguay . . . . .	1990	52.3	49.8
Czechoslovakia . . . . .	1990	60.0	52.6
Poland . . . . .	1991	60.3	53.0
Finland . . . . .	1991	64.7	61.7
Romania . . . . .	1990	68.0	64.4
Hungary . . . . .	1991	71.0	65.9
U.S.S.R. . . . .	1990	86.4	79.7

<sup>1</sup>Data not available for Cuba.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-16. Adjusted and unadjusted male mortality from suicide by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Suicide (E950-E959) <sup>1</sup>			
Greece . . . . .	1990	5.2	5.5
Italy . . . . .	1989	10.7	11.2
Costa Rica . . . . .	1989	11.5	9.3
Spain . . . . .	1989	11.8	11.6
Chile . . . . .	1989	11.9	9.8
Netherlands . . . . .	1990	12.1	12.3
United Kingdom . . . . .	1991	12.2	12.4
<b>United States: Black.</b> . . . . .	<b>1991</b>	<b>12.7</b>	<b>12.1</b>
Argentina . . . . .	1989	12.9	10.5
Hong Kong . . . . .	1989	13.5	11.8
Israel . . . . .	1989	14.2	11.0
Romania . . . . .	1990	14.4	13.3
Portugal . . . . .	1991	15.3	14.9
Ireland . . . . .	1990	16.0	14.4
Uruguay . . . . .	1990	18.4	16.6
Singapore . . . . .	1990	18.7	14.7
Canada . . . . .	1990	20.1	20.4
Japan . . . . .	1991	20.1	20.7
<b>United States.</b> . . . . .	<b>1991</b>	<b>20.5</b>	<b>20.1</b>
Australia . . . . .	1988	21.2	21.0
<b>United States: White.</b> . . . . .	<b>1991</b>	<b>21.7</b>	<b>21.7</b>
New Zealand . . . . .	1989	22.4	22.5
Norway . . . . .	1990	22.7	23.3
Bulgaria . . . . .	1991	22.8	22.6
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	23.7	24.9
Yugoslavia . . . . .	1990	24.2	21.6
Sweden . . . . .	1989	25.4	26.8
Poland . . . . .	1991	25.8	23.9
Denmark . . . . .	1991	28.6	30.0
France . . . . .	1990	29.2	29.6
Czechoslovakia . . . . .	1990	29.8	27.3
Belgium . . . . .	1987	31.3	32.0
Switzerland . . . . .	1991	32.6	34.3
Austria . . . . .	1991	33.6	34.6
U.S.S.R. . . . .	1990	39.1	34.5
Finland . . . . .	1991	47.6	48.9
Hungary . . . . .	1991	59.0	58.0

<sup>1</sup>Data not available for Cuba.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-17. Adjusted and unadjusted male mortality from homicide by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Homicide (E960-E969) <sup>1</sup>			
Japan . . . . .	1991	0.7	0.7
United Kingdom . . . . .	1991	0.9	0.9
Denmark . . . . .	1991	1.1	1.1
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	1.2	1.2
Netherlands . . . . .	1990	1.2	1.3
Ireland . . . . .	1990	1.2	1.1
France . . . . .	1990	1.4	1.4
Spain . . . . .	1989	1.4	1.4
Austria . . . . .	1991	1.4	1.4
Greece . . . . .	1990	1.5	1.5
Switzerland . . . . .	1991	1.5	1.6
Singapore . . . . .	1990	1.7	1.8
Norway . . . . .	1990	1.8	1.8
Belgium . . . . .	1987	1.8	1.8
Hong Kong . . . . .	1989	1.8	1.8
Sweden . . . . .	1989	1.9	1.9
Czechoslovakia . . . . .	1990	2.5	2.3
Canada . . . . .	1990	2.6	2.7
Portugal . . . . .	1991	2.8	2.8
Australia . . . . .	1988	2.9	2.9
Yugoslavia . . . . .	1990	2.9	2.9
New Zealand . . . . .	1989	3.3	3.5
Israel . . . . .	1989	3.5	3.1
Italy . . . . .	1989	3.9	4.1
Poland . . . . .	1991	4.3	4.0
Finland . . . . .	1991	4.5	4.8
Hungary . . . . .	1991	5.3	5.2
Chile . . . . .	1989	5.8	5.3
Bulgaria . . . . .	1991	6.1	6.1
Uruguay . . . . .	1990	7.4	7.0
Costa Rica . . . . .	1989	7.7	6.8
Romania . . . . .	1990	8.6	8.1
<b>United States: White</b> . . . . .	<b>1991</b>	<b>8.9</b>	<b>9.3</b>
Argentina . . . . .	1989	10.5	10.1
<b>United States</b> . . . . .	<b>1991</b>	<b>15.9</b>	<b>16.9</b>
U.S.S.R. . . . .	1990	17.9	17.8
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>66.3</b>	<b>72.0</b>

<sup>1</sup>Data not available for Cuba.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-18. Adjusted and unadjusted male mortality from symptoms, signs, and ill-defined conditions by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Symptoms, signs, and ill-defined conditions (780-799)			
Romania . . . . .	1990	0.7	0.6
Hungary . . . . .	1991	1.9	1.5
Cuba . . . . .	1990	3.0	2.7
Finland . . . . .	1991	5.0	4.4
Australia . . . . .	1988	6.0	5.5
Austria . . . . .	1991	6.7	6.0
United Kingdom . . . . .	1991	6.9	6.4
New Zealand . . . . .	1989	8.3	8.5
Ireland . . . . .	1990	8.7	7.0
<b>United States: White.</b> . . . . .	<b>1991</b>	<b>10.1</b>	<b>9.8</b>
Sweden . . . . .	1989	10.9	11.6
<b>United States.</b> . . . . .	<b>1991</b>	<b>11.4</b>	<b>10.9</b>
Czechoslovakia . . . . .	1990	14.3	9.9
Hong Kong . . . . .	1989	16.5	8.1
Singapore . . . . .	1990	17.8	6.6
Spain . . . . .	1989	19.5	16.9
Switzerland . . . . .	1991	19.8	19.9
Italy . . . . .	1989	20.3	18.1
<b>United States: Black.</b> . . . . .	<b>1991</b>	<b>22.2</b>	<b>20.5</b>
Canada . . . . .	1990	23.5	20.9
Japan . . . . .	1991	25.2	19.2
Costa Rica . . . . .	1989	29.6	8.4
Argentina . . . . .	1989	31.1	23.8
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	35.2	33.9
Norway . . . . .	1990	39.1	42.1
Netherlands . . . . .	1990	43.1	38.4
Israel . . . . .	1989	44.3	33.6
France . . . . .	1990	49.8	50.8
U.S.S.R. . . . .	1990	54.1	27.2
Denmark . . . . .	1991	62.5	66.3
Greece . . . . .	1990	67.0	74.0
Belgium . . . . .	1987	67.4	64.8
Bulgaria . . . . .	1991	77.1	62.0
Uruguay . . . . .	1990	84.4	74.5
Chile . . . . .	1989	86.6	40.3
Yugoslavia . . . . .	1990	88.4	67.0
Poland . . . . .	1991	110.8	75.6
Portugal . . . . .	1991	134.2	114.5

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Females**

**Table 1-19. Adjusted and unadjusted female mortality from all causes by race: Selected countries and latest available year**

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
All causes			
Japan . . . . .	1991	463.3	605.4
Hong Kong . . . . .	1989	493.4	439.1
France . . . . .	1990	502.0	870.9
Switzerland . . . . .	1991	524.8	880.1
Canada . . . . .	1990	551.1	652.7
Sweden . . . . .	1989	560.7	1,029.4
Spain . . . . .	1989	566.8	769.7
Italy . . . . .	1989	571.8	859.4
Netherlands . . . . .	1990	581.3	822.4
Australia . . . . .	1988	593.9	661.6
<b>United States: White . . . . .</b>	<b>1991</b>	<b>598.3</b>	<b>847.7</b>
Norway . . . . .	1990	606.2	1,033.3
Greece . . . . .	1990	609.2	873.4
<b>United States . . . . .</b>	<b>1991</b>	<b>621.5</b>	<b>811.0</b>
Finland . . . . .	1991	634.2	958.8
Austria . . . . .	1991	638.2	1,101.4
Belgium . . . . .	1987	649.4	1,022.3
United Kingdom . . . . .	1991	667.9	1,123.9
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	678.9	1,208.0
New Zealand . . . . .	1989	686.1	752.3
Israel . . . . .	1989	693.6	596.5
Denmark . . . . .	1991	696.3	1,125.2
Uruguay . . . . .	1990	720.1	860.7
Costa Rica . . . . .	1989	726.9	330.3
Cuba . . . . .	1990	728.3	601.0
Singapore . . . . .	1990	731.1	461.5
Ireland . . . . .	1990	738.1	829.1
Chile . . . . .	1989	738.7	509.9
Argentina . . . . .	1989	751.5	687.9
Portugal . . . . .	1991	755.6	977.4
Yugoslavia . . . . .	1990	807.9	825.1
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>854.5</b>	<b>744.5</b>
Poland . . . . .	1991	862.4	949.2
Czechoslovakia . . . . .	1990	873.8	1,083.6
U.S.S.R. . . . .	1990	900.0	1,001.0
Bulgaria . . . . .	1991	930.8	1,107.8
Hungary . . . . .	1991	950.1	1,265.0
Romania . . . . .	1990	974.4	980.3

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-20. Adjusted and unadjusted female mortality from diseases of heart by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Diseases of heart (390–398, 402, 404–429)			
Hong Kong . . . . .	1989	88.5	80.0
France . . . . .	1990	98.2	196.1
Japan . . . . .	1991	104.8	142.9
Portugal . . . . .	1991	128.9	174.0
Chile . . . . .	1989	137.2	88.5
Spain . . . . .	1989	137.5	197.1
Netherlands . . . . .	1990	143.5	217.3
Italy . . . . .	1989	146.0	236.3
Canada . . . . .	1990	148.5	187.1
Belgium . . . . .	1987	151.8	256.2
Switzerland . . . . .	1991	154.0	293.7
Norway . . . . .	1990	164.9	305.9
Uruguay . . . . .	1990	165.6	208.6
Sweden . . . . .	1989	169.1	345.5
Poland . . . . .	1991	171.2	189.8
Costa Rica . . . . .	1989	176.2	67.1
Singapore . . . . .	1990	177.3	107.5
Denmark . . . . .	1991	177.9	330.6
United Kingdom . . . . .	1991	179.8	322.2
Australia . . . . .	1988	185.2	216.4
Greece . . . . .	1990	186.4	279.8
<b>United States: White . . . . .</b>	<b>1991</b>	<b>189.1</b>	<b>296.5</b>
New Zealand . . . . .	1989	191.8	220.7
<b>United States . . . . .</b>	<b>1991</b>	<b>196.0</b>	<b>279.5</b>
Finland . . . . .	1991	202.0	326.5
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	204.1	397.7
Austria . . . . .	1991	211.4	402.7
Israel . . . . .	1989	211.7	181.8
Ireland . . . . .	1990	216.8	252.7
Cuba . . . . .	1990	220.4	178.4
Argentina . . . . .	1989	229.3	206.2
Hungary . . . . .	1991	254.3	354.2
Czechoslovakia . . . . .	1990	265.2	339.2
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>272.4</b>	<b>235.0</b>
U.S.S.R. <sup>2</sup> . . . . .	1990	286.8	329.8
Yugoslavia . . . . .	1990	290.3	299.7
Bulgaria . . . . .	1991	303.6	369.8
Romania . . . . .	1990	304.7	310.4

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

<sup>2</sup>Data for this country include essential hypertension and hypertensive renal disease (ICD-9 category nos. 401 and 403, respectively).

**Table 1-21. Adjusted and unadjusted female mortality from ischemic heart disease by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Ischemic heart disease (410-414)			
Japan . . . . .	1991	28.0	38.7
France . . . . .	1990	40.3	77.5
Spain . . . . .	1989	48.0	68.7
Hong Kong . . . . .	1989	51.4	46.7
Yugoslavia . . . . .	1990	58.3	60.2
Greece . . . . .	1990	60.0	88.4
Portugal . . . . .	1991	60.1	81.4
Argentina . . . . .	1989	64.1	57.6
Italy . . . . .	1989	64.2	103.2
Poland . . . . .	1991	68.0	73.6
Belgium . . . . .	1987	69.3	113.1
Switzerland . . . . .	1991	70.0	130.7
Netherlands . . . . .	1990	83.9	124.2
Chile . . . . .	1989	84.2	54.0
Uruguay . . . . .	1990	85.4	107.3
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	108.6	211.1
Canada . . . . .	1990	114.1	143.4
Austria . . . . .	1991	115.1	215.9
Norway . . . . .	1990	118.7	216.1
Sweden . . . . .	1989	123.5	250.7
Israel . . . . .	1989	124.0	107.8
<b>United States: White . . . . .</b>	<b>1991</b>	<b>125.4</b>	<b>197.4</b>
Costa Rica . . . . .	1989	126.1	47.1
<b>United States . . . . .</b>	<b>1991</b>	<b>127.0</b>	<b>182.4</b>
Singapore . . . . .	1990	137.8	82.5
Denmark . . . . .	1991	139.3	258.7
Australia . . . . .	1988	143.7	167.2
United Kingdom . . . . .	1991	149.0	265.1
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>149.3</b>	<b>129.1</b>
New Zealand . . . . .	1989	152.6	175.4
Finland . . . . .	1991	155.8	252.8
Ireland . . . . .	1990	159.2	185.1
Romania . . . . .	1990	167.4	171.1
Hungary . . . . .	1991	175.7	246.0
Bulgaria . . . . .	1991	183.2	223.8
Cuba . . . . .	1990	188.3	152.1
Czechoslovakia . . . . .	1990	225.5	291.4
U.S.S.R. . . . .	1990	261.0	302.7

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-22. Adjusted and unadjusted female mortality from cerebrovascular diseases by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Cerebrovascular diseases (430-438)			
<b>United States: White</b> .....	<b>1991</b>	<b>43.9</b>	<b>70.5</b>
Canada .....	1990	45.9	59.0
<b>United States</b> .....	<b>1991</b>	<b>46.2</b>	<b>67.2</b>
France .....	1990	49.5	99.0
Switzerland .....	1991	50.0	96.2
Hong Kong .....	1989	59.2	52.9
Netherlands .....	1990	63.3	98.7
Sweden .....	1989	63.6	131.6
Poland .....	1991	66.5	75.0
Denmark .....	1991	66.7	122.8
<b>United States: Black</b> .....	<b>1991</b>	<b>67.6</b>	<b>59.0</b>
Israel .....	1989	69.0	59.3
Costa Rica .....	1989	72.8	28.1
Belgium .....	1987	73.4	127.8
Japan .....	1991	73.7	100.1
Australia .....	1988	75.2	89.4
Norway .....	1990	79.3	153.2
New Zealand .....	1989	80.2	94.5
Ireland .....	1990	81.1	96.8
Cuba .....	1990	81.3	65.2
Germany, Federal Republic of <sup>1</sup> .....	1990	81.7	165.1
Chile .....	1989	82.5	53.2
Italy .....	1989	85.0	139.5
United Kingdom .....	1991	86.6	165.7
Argentina .....	1989	87.5	78.5
Spain .....	1989	88.4	129.6
Finland .....	1991	89.1	145.3
Austria .....	1991	92.2	179.6
Uruguay .....	1990	100.8	126.3
Singapore .....	1990	109.1	65.4
Yugoslavia .....	1990	132.5	139.3
Greece .....	1990	136.0	210.0
Hungary .....	1991	151.8	215.1
Czechoslovakia .....	1990	162.4	213.8
Romania .....	1990	175.7	180.5
Portugal .....	1991	197.6	274.4
U.S.S.R. .....	1990	201.1	232.7
Bulgaria .....	1991	209.0	263.4

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-23. Adjusted and unadjusted female mortality from malignant neoplasms—all sites by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—all sites (140–208)			
Greece	1990	111.8	144.5
Japan	1991	113.7	142.4
Romania	1990	115.5	117.5
Bulgaria	1991	119.0	140.1
Spain	1989	119.1	146.4
Yugoslavia	1990	128.4	130.7
France	1990	130.1	184.6
Portugal	1991	131.1	157.0
Finland	1991	133.7	180.6
Hong Kong	1989	133.7	114.0
U.S.S.R.	1990	135.0	140.2
Cuba	1990	137.5	108.3
Argentina	1989	142.4	124.9
Sweden	1989	145.2	221.4
Israel	1989	145.4	118.2
Italy	1989	146.6	199.2
Switzerland	1991	147.0	211.8
Australia	1988	151.4	153.8
Norway	1990	152.3	213.0
Singapore	1990	153.3	102.4
Poland	1991	155.5	160.3
Costa Rica	1989	156.4	70.1
Austria	1991	157.9	234.2
Belgium	1987	160.1	221.6
Germany, Federal Republic of <sup>1</sup>	1990	161.5	248.8
Chile	1989	161.6	105.8
<b>United States: White</b>	<b>1991</b>	<b>162.7</b>	<b>198.0</b>
Canada	1990	163.3	174.7
Netherlands	1990	163.7	202.4
<b>United States</b>	<b>1991</b>	<b>164.4</b>	<b>187.5</b>
Uruguay	1990	164.7	179.0
Czechoslovakia	1990	176.7	204.2
Ireland	1990	183.1	185.9
United Kingdom	1991	185.7	262.5
New Zealand	1989	188.4	185.8
<b>United States: Black</b>	<b>1991</b>	<b>196.0</b>	<b>157.4</b>
Hungary	1991	197.0	251.6
Denmark	1991	208.1	284.9

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-24. Adjusted and unadjusted female mortality from malignant neoplasms—colorectal by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—colorectal (153–154)			
Greece . . . . .	1990	8.7	12.1
Chile . . . . .	1989	9.3	6.0
Costa Rica . . . . .	1989	9.5	4.2
Romania . . . . .	1990	10.2	10.7
Spain . . . . .	1989	14.1	18.2
Yugoslavia . . . . .	1990	14.1	14.5
Argentina . . . . .	1989	14.5	12.9
Finland . . . . .	1991	14.6	21.7
Japan . . . . .	1991	15.0	18.9
Poland . . . . .	1991	15.7	16.7
Italy . . . . .	1989	16.0	22.9
Hong Kong . . . . .	1989	16.0	13.8
Bulgaria . . . . .	1991	16.1	19.5
Greece . . . . .	1990	16.4	26.1
U.S.S.R. . . . .	1990	16.5	17.7
Portugal . . . . .	1991	16.5	20.8
Sweden . . . . .	1989	17.0	27.9
Switzerland . . . . .	1991	17.4	27.7
<b>United States: White</b> . . . . .	<b>1991</b>	<b>17.5</b>	<b>23.5</b>
Cuba . . . . .	1990	17.5	13.9
<b>United States</b> . . . . .	<b>1991</b>	<b>18.0</b>	<b>22.4</b>
Israel . . . . .	1989	18.3	15.5
Canada . . . . .	1990	18.4	20.7
Belgium . . . . .	1987	20.6	31.5
Uruguay . . . . .	1990	20.9	24.0
Netherlands . . . . .	1990	21.1	28.2
Ireland . . . . .	1990	21.4	22.7
United Kingdom . . . . .	1991	21.4	33.1
Austria . . . . .	1991	22.1	36.0
Australia . . . . .	1988	22.6	23.6
Norway . . . . .	1990	22.8	35.2
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	23.8	40.5
Singapore . . . . .	1990	23.9	15.1
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>24.0</b>	<b>20.0</b>
Czechoslovakia . . . . .	1990	25.4	30.9
Denmark . . . . .	1991	27.2	41.1
Hungary . . . . .	1991	28.9	39.0
New Zealand . . . . .	1989	31.5	32.0

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-25. Adjusted and unadjusted female mortality from malignant neoplasms—respiratory by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
<b>Malignant neoplasms—respiratory (160–165)<sup>1</sup></b>			
Spain . . . . .	1989	5.9	7.3
Uruguay . . . . .	1990	6.7	7.3
Portugal . . . . .	1991	8.3	9.9
France . . . . .	1990	9.5	12.2
Argentina . . . . .	1989	9.5	8.3
Chile . . . . .	1989	10.2	6.5
Bulgaria . . . . .	1991	10.5	12.5
Romania . . . . .	1990	10.5	10.7
Switzerland . . . . .	1991	10.8	13.8
Greece . . . . .	1990	11.3	14.7
Finland . . . . .	1991	11.5	14.9
Belgium . . . . .	1987	12.0	15.6
Yugoslavia . . . . .	1990	12.2	12.3
Italy . . . . .	1989	12.4	16.6
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	12.6	18.2
Costa Rica . . . . .	1989	13.1	5.5
Japan . . . . .	1991	13.3	17.2
Israel . . . . .	1989	13.4	10.7
Czechoslovakia . . . . .	1990	14.0	15.8
Sweden . . . . .	1989	15.2	21.3
Austria . . . . .	1991	15.2	21.5
Netherlands . . . . .	1990	15.8	17.4
Norway . . . . .	1990	16.0	20.2
Poland . . . . .	1991	16.6	16.8
Australia . . . . .	1988	19.7	19.5
Cuba . . . . .	1990	23.6	18.3
Hungary . . . . .	1991	24.8	30.6
Singapore . . . . .	1990	25.9	16.3
New Zealand . . . . .	1989	26.6	25.1
Ireland . . . . .	1990	28.5	28.6
Canada . . . . .	1990	31.3	31.9
United Kingdom . . . . .	1991	32.2	44.1
Hong Kong . . . . .	1989	36.3	31.6
Denmark . . . . .	1991	37.8	46.5
<b>United States<sup>3</sup></b> . . . . .	<b>1991</b>	<b>38.1</b>	<b>41.4</b>
<b>United States: White</b> . . . . .	<b>1991</b>	<b>38.6</b>	<b>44.6</b>
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>38.9</b>	<b>29.7</b>

<sup>1</sup>Data not available for U.S.S.R.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.

<sup>3</sup>Mortality rate for United States is lower than that for either U.S. racial group because of influence of low (17.5 per 100,000) mortality from this cause among other racial groups.

**Table 1-26. Adjusted and unadjusted female mortality from malignant neoplasms—breast by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Malignant neoplasms—breast (174)			
Japan	1991	9.0	10.1
Hong Kong	1989	12.3	10.1
Costa Rica	1989	16.8	7.9
Chile	1989	17.4	11.3
U.S.S.R.	1990	19.1	18.6
Singapore	1990	20.2	14.2
Romania	1990	20.6	20.4
Cuba	1990	20.7	16.0
Greece	1990	21.0	24.8
Bulgaria	1991	21.4	24.3
Poland	1991	21.7	21.4
Yugoslavia	1990	22.1	22.0
Finland	1991	22.8	27.5
Spain	1989	24.2	26.7
Sweden	1989	25.5	35.0
Portugal	1991	26.8	29.3
Norway	1990	27.7	35.4
France	1990	28.2	34.9
Czechoslovakia	1990	28.6	31.4
Argentina	1989	29.2	24.9
Australia	1988	29.5	28.4
Italy	1989	29.8	36.8
Austria	1991	31.2	41.1
Germany, Federal Republic of <sup>1</sup>	1990	31.3	42.7
<b>United States: White</b>	<b>1991</b>	<b>31.4</b>	<b>35.5</b>
<b>United States</b>	<b>1991</b>	<b>31.6</b>	<b>33.7</b>
Israel	1989	31.7	24.6
Hungary	1991	33.5	40.5
Canada	1990	34.2	35.0
Switzerland	1991	36.3	49.6
Uruguay	1990	36.5	36.7
Ireland	1990	36.8	34.4
Belgium	1987	37.1	45.5
<b>United States: Black</b>	<b>1991</b>	<b>37.3</b>	<b>29.3</b>
New Zealand	1989	38.3	35.8
Netherlands	1990	38.4	43.5
Denmark	1991	39.5	50.4
United Kingdom	1991	40.2	52.2

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-27. Adjusted and unadjusted female mortality from diabetes mellitus by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Diabetes mellitus (250)			
Hong Kong	1989	5.0	4.5
Japan	1991	5.9	8.0
Norway	1990	7.0	12.6
France	1990	7.5	13.5
U.S.S.R.	1990	7.6	8.0
Greece	1990	7.8	12.0
Finland	1991	8.5	13.6
United Kingdom	1991	9.4	16.3
Romania	1990	9.5	10.1
Sweden	1989	9.8	18.4
Denmark	1991	9.9	15.9
Australia	1988	11.6	13.1
New Zealand	1989	12.0	12.4
Ireland	1990	12.6	14.4
Canada	1990	13.4	16.3
Switzerland	1991	14.1	25.2
Chile	1989	14.4	9.2
<b>United States: White</b>	<b>1991</b>	<b>15.2</b>	<b>20.6</b>
Hungary	1991	15.9	22.0
Belgium	1987	16.3	27.4
Austria	1991	16.5	30.2
Germany, Federal Republic of <sup>1</sup>	1990	17.1	32.1
<b>United States</b>	<b>1991</b>	<b>17.4</b>	<b>21.6</b>
Czechoslovakia	1990	17.7	22.1
Uruguay	1990	17.7	21.4
Yugoslavia	1990	17.9	18.9
Bulgaria	1991	18.2	23.2
Poland	1991	18.2	20.0
Spain	1989	20.4	29.3
Netherlands	1990	21.3	31.3
Argentina	1989	21.4	19.3
Singapore	1990	24.7	15.4
Italy	1989	25.7	40.8
Israel	1989	26.1	21.8
Portugal	1991	26.5	36.6
Costa Rica	1989	31.0	13.1
Cuba	1990	35.4	27.8
<b>United States: Black</b>	<b>1991</b>	<b>39.0</b>	<b>32.0</b>

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-28. Adjusted and unadjusted female mortality from pneumonia by race:  
Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Pneumonia (480-486)			
Greece . . . . .	1990	4.8	7.0
Hungary . . . . .	1991	5.6	7.0
Italy . . . . .	1989	7.5	11.9
Australia . . . . .	1988	8.4	9.9
France . . . . .	1990	10.7	23.0
Austria . . . . .	1991	10.9	21.1
Spain . . . . .	1989	11.5	16.6
U.S.S.R. . . . .	1990	11.6	11.9
Yugoslavia . . . . .	1990	11.7	11.4
Belgium . . . . .	1987	11.9	21.2
Poland . . . . .	1991	12.1	13.5
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	14.0	28.1
Switzerland . . . . .	1991	14.4	28.1
Israel . . . . .	1989	16.1	13.9
Denmark . . . . .	1991	16.4	32.6
Netherlands . . . . .	1990	16.4	27.4
Portugal . . . . .	1991	17.7	23.2
Canada . . . . .	1990	18.3	24.1
Argentina . . . . .	1989	19.4	18.2
Uruguay . . . . .	1990	20.1	25.7
<b>United States: White . . . . .</b>	<b>1991</b>	<b>20.6</b>	<b>34.4</b>
<b>United States . . . . .</b>	<b>1991</b>	<b>20.9</b>	<b>31.7</b>
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>22.6</b>	<b>20.8</b>
Costa Rica . . . . .	1989	23.0	10.5
Czechoslovakia . . . . .	1990	23.3	29.2
Sweden . . . . .	1989	23.7	50.8
Bulgaria . . . . .	1991	28.7	31.5
Finland . . . . .	1991	29.1	48.0
Cuba . . . . .	1990	30.1	25.4
New Zealand . . . . .	1989	33.6	40.6
Japan . . . . .	1991	35.0	48.2
Romania . . . . .	1990	35.0	32.4
United Kingdom . . . . .	1991	36.1	74.7
Hong Kong . . . . .	1989	37.3	34.4
Norway . . . . .	1990	40.2	82.7
Ireland . . . . .	1990	49.7	60.6
Chile . . . . .	1989	54.5	39.0
Singapore . . . . .	1990	80.8	44.9

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-29. Adjusted and unadjusted female mortality from influenza by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Influenza (487)			
Romania . . . . .	1990	0.0	0.0
Hong Kong . . . . .	1989	0.0	0.0
Argentina . . . . .	1989	0.0	0.0
Japan . . . . .	1991	0.1	0.1
Bulgaria . . . . .	1991	0.1	0.1
Poland . . . . .	1991	0.1	0.1
Cuba . . . . .	1990	0.1	0.1
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>0.2</b>	<b>0.2</b>
Greece . . . . .	1990	0.2	0.3
Yugoslavia . . . . .	1990	0.3	0.3
Israel . . . . .	1989	0.3	0.2
Costa Rica . . . . .	1989	0.3	0.1
Singapore . . . . .	1990	0.3	0.2
United Kingdom . . . . .	1991	0.3	0.7
<b>United States</b> . . . . .	<b>1991</b>	<b>0.4</b>	<b>0.5</b>
Hungary . . . . .	1991	0.4	0.5
<b>United States: White</b> . . . . .	<b>1991</b>	<b>0.4</b>	<b>0.6</b>
Belgium . . . . .	1987	0.4	0.8
Uruguay . . . . .	1990	0.5	0.6
Portugal . . . . .	1991	0.5	0.7
U.S.S.R. . . . .	1990	0.6	0.6
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	0.6	1.3
Austria . . . . .	1991	0.7	1.2
Italy . . . . .	1989	0.7	1.2
Denmark . . . . .	1991	0.9	1.7
Canada . . . . .	1990	0.9	1.3
Australia . . . . .	1988	1.0	1.2
Finland . . . . .	1991	1.0	1.5
Sweden . . . . .	1989	1.1	2.5
Czechoslovakia . . . . .	1990	1.1	1.5
Spain . . . . .	1989	1.2	1.8
Chile . . . . .	1989	1.4	0.9
Netherlands . . . . .	1990	1.7	2.7
New Zealand . . . . .	1989	1.7	2.0
Ireland . . . . .	1990	1.9	2.3
France . . . . .	1990	2.3	4.9
Switzerland . . . . .	1991	2.4	4.7
Norway . . . . .	1990	2.5	5.1

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-30. Adjusted and unadjusted female mortality from chronic obstructive pulmonary diseases and allied conditions by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Chronic obstructive pulmonary diseases and allied conditions (490-496) <sup>1</sup>			
Greece . . . . .	1990	3.4	5.1
Finland . . . . .	1991	6.7	9.6
Japan . . . . .	1991	7.3	9.8
Sweden . . . . .	1989	9.2	15.7
France . . . . .	1990	11.0	20.8
Czechoslovakia . . . . .	1990	11.1	13.7
Austria . . . . .	1991	11.3	20.1
Poland . . . . .	1991	11.3	12.5
Belgium . . . . .	1987	12.2	19.1
Norway . . . . .	1990	12.4	19.6
Portugal . . . . .	1991	13.2	17.6
Italy . . . . .	1989	13.5	21.9
Spain . . . . .	1989	13.8	19.8
Bulgaria . . . . .	1991	14.0	17.3
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	14.2	25.4
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>16.3</b>	<b>13.4</b>
Netherlands . . . . .	1990	16.5	24.0
Canada . . . . .	1990	16.7	20.0
Yugoslavia . . . . .	1990	17.8	18.7
Israel . . . . .	1989	19.2	16.5
Australia . . . . .	1988	23.5	25.2
U.S.S.R. . . . .	1990	23.6	26.8
Hungary . . . . .	1991	23.7	32.0
<b>United States . . . . .</b>	<b>1991</b>	<b>24.6</b>	<b>31.1</b>
<b>United States: White . . . . .</b>	<b>1991</b>	<b>25.6</b>	<b>35.0</b>
United Kingdom . . . . .	1991	25.7	41.0
Hong Kong . . . . .	1989	27.8	25.3
Singapore . . . . .	1990	31.5	18.7
New Zealand . . . . .	1989	34.1	35.5
Ireland . . . . .	1990	35.6	40.5
Romania . . . . .	1990	41.7	43.0

<sup>1</sup>Data not available for Denmark, Switzerland, Argentina, Cuba, Uruguay, Costa Rica, and Chile.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-31. Adjusted and unadjusted female mortality from chronic liver disease and cirrhosis by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Chronic liver disease and cirrhosis (571) <sup>1</sup>			
Ireland . . . . .	1990	2.1	2.1
New Zealand . . . . .	1989	2.1	2.0
Norway . . . . .	1990	3.2	3.7
Netherlands . . . . .	1990	3.4	3.6
Singapore . . . . .	1990	3.5	2.3
Sweden . . . . .	1989	3.7	5.0
Hong Kong . . . . .	1989	3.9	3.3
Australia . . . . .	1988	4.1	3.7
Greece . . . . .	1990	4.1	5.5
United Kingdom . . . . .	1991	4.7	5.4
Uruguay . . . . .	1990	4.8	5.0
Canada . . . . .	1990	4.9	5.0
Finland . . . . .	1991	5.3	6.6
Israel . . . . .	1989	5.4	4.4
Switzerland . . . . .	1991	5.7	6.3
Argentina . . . . .	1989	5.7	4.9
Bulgaria . . . . .	1991	6.2	7.6
<b>United States: White . . . . .</b>	<b>1991</b>	<b>6.4</b>	<b>7.1</b>
<b>United States . . . . .</b>	<b>1991</b>	<b>6.9</b>	<b>7.1</b>
Japan . . . . .	1991	7.0	8.7
Poland . . . . .	1991	7.5	7.7
Belgium . . . . .	1987	8.0	9.9
Cuba . . . . .	1990	8.4	6.7
Denmark . . . . .	1991	8.5	9.5
Yugoslavia . . . . .	1990	9.1	9.1
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>10.2</b>	<b>8.1</b>
France . . . . .	1990	10.2	10.7
Spain . . . . .	1989	10.6	12.4
Costa Rica . . . . .	1989	10.7	5.3
Czechoslovakia . . . . .	1990	11.7	12.4
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	12.2	15.7
Portugal . . . . .	1991	13.6	14.2
Austria . . . . .	1991	13.8	16.9
Italy . . . . .	1989	14.3	19.0
Chile . . . . .	1989	23.4	15.2
Romania . . . . .	1990	24.0	24.7
Hungary . . . . .	1991	31.3	34.2

<sup>1</sup>Data not available for U.S.S.R.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-32. Adjusted and unadjusted female mortality from unintentional injuries—motor vehicle traffic-related crashes by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Unintentional injuries—motor vehicle traffic-related crashes (E810–E819)			
Chile . . . . .	1989	2.5	2.4
Norway . . . . .	1990	3.4	3.5
Hong Kong . . . . .	1989	4.3	3.8
United Kingdom . . . . .	1991	4.5	5.2
Singapore . . . . .	1990	4.6	3.6
Cuba . . . . .	1990	4.6	4.2
Netherlands . . . . .	1990	4.8	5.1
Bulgaria . . . . .	1991	4.8	5.0
Argentina . . . . .	1989	5.0	4.8
Sweden . . . . .	1989	5.3	6.1
Switzerland . . . . .	1991	5.3	5.9
Denmark . . . . .	1991	5.5	6.5
Japan . . . . .	1991	5.7	6.5
Italy . . . . .	1989	5.7	6.4
Czechoslovakia . . . . .	1990	6.2	6.8
Israel . . . . .	1989	6.3	6.0
Costa Rica . . . . .	1989	6.4	5.1
Ireland . . . . .	1990	6.6	6.9
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	6.6	7.6
Uruguay . . . . .	1990	6.8	6.9
Finland . . . . .	1991	7.0	7.8
Yugoslavia . . . . .	1990	7.2	7.3
Austria . . . . .	1991	7.3	8.6
Canada . . . . .	1990	8.0	8.2
France . . . . .	1990	8.7	9.2
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>8.8</b>	<b>8.6</b>
Romania . . . . .	1990	9.0	9.1
Spain . . . . .	1989	9.1	9.8
Poland . . . . .	1991	9.3	9.6
U.S.S.R. . . . .	1990	9.5	9.6
Belgium . . . . .	1987	9.6	10.6
<b>United States . . . . .</b>	<b>1991</b>	<b>9.9</b>	<b>10.3</b>
Greece . . . . .	1990	10.0	11.0
Hungary . . . . .	1991	10.1	10.9
<b>United States: White . . . . .</b>	<b>1991</b>	<b>10.1</b>	<b>10.7</b>
Australia . . . . .	1988	10.4	10.9
Portugal . . . . .	1991	11.5	12.3
New Zealand . . . . .	1989	13.7	14.0

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.

**Table 1-33. Adjusted and unadjusted female mortality from unintentional injuries—all other by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Unintentional injuries—all other (E800–E807, E826–E949) <sup>1</sup>			
Singapore . . . . .	1990	3.8	3.0
Hong Kong . . . . .	1989	4.6	4.3
Japan . . . . .	1991	8.2	9.9
United Kingdom . . . . .	1991	8.4	13.6
Spain . . . . .	1989	9.1	10.5
<b>United States: White . . . . .</b>	<b>1991</b>	<b>9.5</b>	<b>12.8</b>
<b>United States . . . . .</b>	<b>1991</b>	<b>10.1</b>	<b>12.6</b>
Australia . . . . .	1988	10.2	11.2
Portugal . . . . .	1991	10.5	12.4
Greece . . . . .	1990	10.7	13.8
Netherlands . . . . .	1990	10.8	16.4
Sweden . . . . .	1989	11.4	21.6
Canada . . . . .	1990	11.8	14.1
New Zealand . . . . .	1989	12.3	14.1
Bulgaria . . . . .	1991	12.8	13.3
Ireland . . . . .	1990	13.1	14.7
Austria . . . . .	1991	13.6	23.0
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	13.7	24.2
Yugoslavia . . . . .	1990	13.7	13.8
Chile . . . . .	1989	14.2	12.4
<b>United States: Black . . . . .</b>	<b>1991</b>	<b>14.3</b>	<b>13.6</b>
Italy . . . . .	1989	15.2	23.8
Belgium . . . . .	1987	15.7	24.1
Argentina . . . . .	1989	17.3	16.7
Denmark . . . . .	1991	18.2	33.7
Uruguay . . . . .	1990	18.5	20.7
Finland . . . . .	1991	20.1	27.3
Poland . . . . .	1991	20.4	22.1
Israel . . . . .	1989	20.4	18.2
Norway . . . . .	1990	21.0	34.3
Switzerland . . . . .	1991	21.8	38.0
U.S.S.R. . . . .	1990	22.4	22.6
Romania . . . . .	1990	22.5	22.0
France . . . . .	1990	23.0	42.4
Costa Rica . . . . .	1989	23.4	10.1
Czechoslovakia . . . . .	1990	31.1	39.1
Hungary . . . . .	1991	38.7	52.3

<sup>1</sup>Data not available for Cuba.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-34. Adjusted and unadjusted female mortality from suicide by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Suicide (E950-E959) <sup>1</sup>			
Greece . . . . .	1990	1.4	1.5
Chile . . . . .	1989	1.7	1.5
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>2.0</b>	<b>1.9</b>
Costa Rica . . . . .	1989	2.1	2.1
United Kingdom . . . . .	1991	3.3	3.6
Spain . . . . .	1989	3.6	3.9
Italy . . . . .	1989	3.6	4.1
Uruguay . . . . .	1990	4.1	4.2
Argentina . . . . .	1989	4.2	3.8
Portugal . . . . .	1991	4.3	4.6
Poland . . . . .	1991	4.6	4.4
<b>United States</b> . . . . .	<b>1991</b>	<b>4.7</b>	<b>4.7</b>
Romania . . . . .	1990	4.8	4.7
Israel . . . . .	1989	5.1	4.6
<b>United States: White</b> . . . . .	<b>1991</b>	<b>5.1</b>	<b>5.2</b>
Canada . . . . .	1990	5.1	5.2
Ireland . . . . .	1990	5.3	4.7
New Zealand . . . . .	1989	5.7	5.5
Australia . . . . .	1988	5.7	5.6
Netherlands . . . . .	1990	6.8	7.2
Bulgaria . . . . .	1991	7.3	8.4
Norway . . . . .	1990	7.8	8.0
Czechoslovakia . . . . .	1990	8.5	8.9
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	8.6	10.7
Yugoslavia . . . . .	1990	9.1	9.2
U.S.S.R. . . . .	1990	9.2	9.1
Hong Kong . . . . .	1989	9.8	9.1
Sweden . . . . .	1989	9.8	10.6
Austria . . . . .	1991	10.1	11.6
France . . . . .	1990	10.2	11.1
Japan . . . . .	1991	10.3	11.8
Switzerland . . . . .	1991	10.4	11.6
Finland . . . . .	1991	11.3	11.8
Belgium . . . . .	1987	12.6	13.8
Singapore . . . . .	1990	12.8	11.5
Denmark . . . . .	1991	13.5	15.1
Hungary . . . . .	1991	18.1	20.7

<sup>1</sup>Data not available for Cuba.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-35. Adjusted and unadjusted female mortality from homicide by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
<b>Homicide (E960-E969)<sup>1</sup></b>			
Ireland . . . . .	1990	0.2	0.2
Spain . . . . .	1989	0.4	0.4
Italy . . . . .	1989	0.5	0.5
Japan . . . . .	1991	0.5	0.5
Chile . . . . .	1989	0.5	0.5
United Kingdom . . . . .	1991	0.5	0.6
Netherlands . . . . .	1990	0.6	0.6
Norway . . . . .	1990	0.6	0.6
Portugal . . . . .	1991	0.6	0.6
Hong Kong . . . . .	1989	0.6	0.7
Greece . . . . .	1990	0.6	0.7
France . . . . .	1990	0.8	0.8
Germany, Federal Republic of <sup>2</sup> . . . . .	1990	0.8	0.8
New Zealand . . . . .	1989	0.8	0.9
Austria . . . . .	1991	1.0	1.1
Yugoslavia . . . . .	1990	1.1	1.1
Singapore . . . . .	1990	1.1	1.2
Sweden . . . . .	1989	1.1	1.1
Switzerland . . . . .	1991	1.2	1.2
Belgium . . . . .	1987	1.3	1.4
Canada . . . . .	1990	1.4	1.5
Finland . . . . .	1991	1.5	1.5
Czechoslovakia . . . . .	1990	1.6	1.6
Denmark . . . . .	1991	1.7	1.6
Poland . . . . .	1991	1.8	1.8
Australia . . . . .	1988	1.8	1.9
Bulgaria . . . . .	1991	1.8	2.0
Uruguay . . . . .	1990	1.9	2.0
Argentina . . . . .	1989	2.0	1.9
Israel . . . . .	1989	2.0	1.8
Costa Rica . . . . .	1989	2.1	1.9
Romania . . . . .	1990	2.6	2.6
Hungary . . . . .	1991	2.8	2.9
<b>United States: White</b> . . . . .	<b>1991</b>	<b>2.9</b>	<b>3.0</b>
<b>United States</b> . . . . .	<b>1991</b>	<b>4.3</b>	<b>4.5</b>
U.S.S.R. . . . .	1990	5.3	5.2
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>13.2</b>	<b>14.2</b>

<sup>1</sup>Data not available for Cuba.

<sup>2</sup>Germany, Federal Republic of, refers to United Germany.



**Table 1-36. Adjusted and unadjusted female mortality from symptoms, signs, and ill-defined conditions by race: Selected countries and latest available year**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Country and race	Year	Rates per 100,000 population	
		Adjusted	Unadjusted
Symptoms, signs, and ill-defined conditions (780-799)			
Romania . . . . .	1990	0.4	0.3
Hungary. . . . .	1991	1.3	1.5
Cuba. . . . .	1990	2.4	2.2
Finland. . . . .	1991	2.9	3.6
Australia . . . . .	1988	3.9	3.9
Austria. . . . .	1991	5.6	9.3
Ireland. . . . .	1990	6.0	6.3
<b>United States: White</b> . . . . .	<b>1991</b>	<b>6.2</b>	<b>7.8</b>
New Zealand. . . . .	1989	6.4	7.0
<b>United States</b> . . . . .	<b>1991</b>	<b>7.1</b>	<b>8.5</b>
United Kingdom. . . . .	1991	7.1	13.0
Sweden. . . . .	1989	9.0	16.5
Czechoslovakia . . . . .	1990	10.6	12.8
Switzerland . . . . .	1991	12.3	19.2
<b>United States: Black</b> . . . . .	<b>1991</b>	<b>13.4</b>	<b>13.9</b>
Canada . . . . .	1990	13.9	16.1
Singapore . . . . .	1990	14.4	8.0
Spain. . . . .	1989	15.2	21.4
Italy. . . . .	1989	15.7	24.8
Hong Kong . . . . .	1989	17.2	16.2
Costa Rica. . . . .	1989	19.2	7.7
Argentina . . . . .	1989	19.3	18.1
Norway . . . . .	1990	21.8	38.4
Germany, Federal Republic of <sup>1</sup> . . . . .	1990	21.8	35.6
Japan . . . . .	1991	22.3	29.6
Netherlands. . . . .	1990	24.6	34.4
Israel . . . . .	1989	30.3	26.9
France. . . . .	1990	32.3	59.9
Denmark . . . . .	1991	40.7	69.0
Uruguay. . . . .	1990	41.9	51.3
U.S.S.R. . . . .	1990	43.8	50.4
Belgium . . . . .	1987	50.7	84.7
Greece . . . . .	1990	54.7	82.1
Chile . . . . .	1989	58.1	38.5
Yugoslavia. . . . .	1990	59.9	59.0
Bulgaria. . . . .	1991	66.0	71.2
Poland. . . . .	1991	66.6	74.5
Portugal. . . . .	1991	90.6	116.9

<sup>1</sup>Germany, Federal Republic of, refers to United Germany.



# Trends





The following figures compare trends in age-adjusted mortality in the United States with those based on pooled data from the following industrialized countries:

Austria	Italy
Canada	Japan
Denmark	Netherlands
England and Wales	New Zealand
Finland	Norway
France	Northern Ireland
Germany, Federal	Portugal
Republic of	Scotland
Hungary	Spain
Ireland	Sweden
	Switzerland

These countries were selected because a continuous series of annual cause-specific mortality data is available for each of them, making possible the calculation of a stable yearly rate.

It may be noted that with the possible exception of the countries comprising the Eastern European region, countries for each major world region considered as "developed" are well represented and that the mortality level of these countries combined is slightly lower than that of the United States.

The mortality trends in these figures reflect deaths assigned a cause under four different revisions of the *International Classification of Diseases* (ICD). As previously mentioned, a major difficulty with cause-of-death statistics referring to different years is the discontinuity introduced by changing definitions and practices from revision to revision. This, together with changes in coding practices within ICD revisions, often produces serious distortion in mortality trends. The rubrics used to identify the causes of death addressed in this chartbook appear in the appendix, table 2.

In the United States during the years 1955–89 causes of death were assigned codes under successive ICD revisions as follows:

Years	ICD Revision
1955–57	ICD–6
1958–67	ICD–7
1968–78	ICD–8
1979–89	ICD–9

In other countries, implementation of the sixth, seventh, and eighth revisions generally occurred within 1 to 3 years after the United States began assigning causes of death under the revisions. In a small number of countries, however, *Eighth Revision International Classification of Diseases* was replaced with *Ninth Revision, International Classification of Diseases* much later (Finland, Norway, and Sweden) or not at all during 1979–89 (Denmark and Switzerland). Because of national differences in year of implementation of ICD–9 and the fact that mortality rates for the disease category Chronic obstructive pulmonary diseases and allied conditions could only be calculated after its implementation, these countries were excluded from the calculation of trends for mortality from this disease.

A number of studies of the effect of these changes have been conducted, and the reader can refer to the comparability studies conducted in the United States (1–3) and other countries (4–6). Such studies and the questions they raise have been critical to international comparisons of mortality trends (7–9), and the large volume of research on such issues attests to their importance in interpreting trends such as those presented here.

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Figure 2-1. Deaths from selected causes: United States and 20 developed countries, 1955–89

[ Age-adjusted death rate per 100,000 population ]

■ U.S. male    ■ 20 countries, male    ■ U.S. female    ■ 20 countries, female

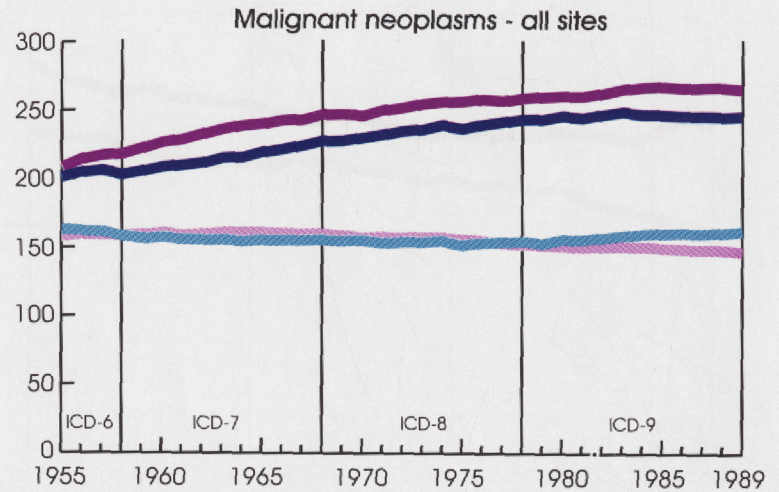
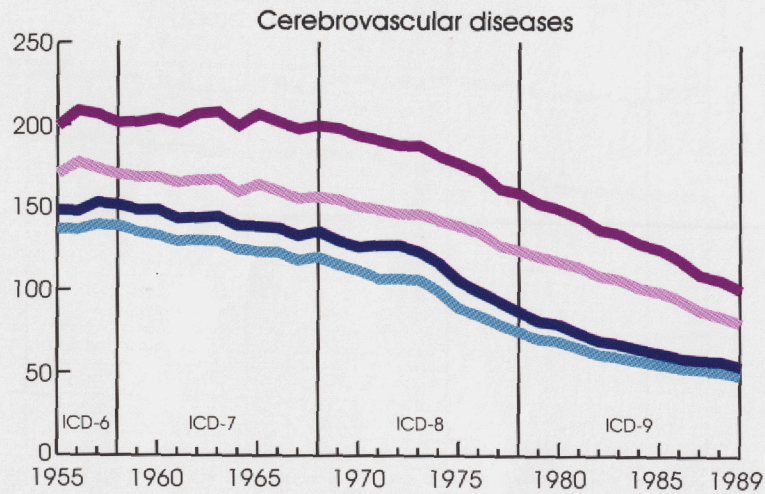
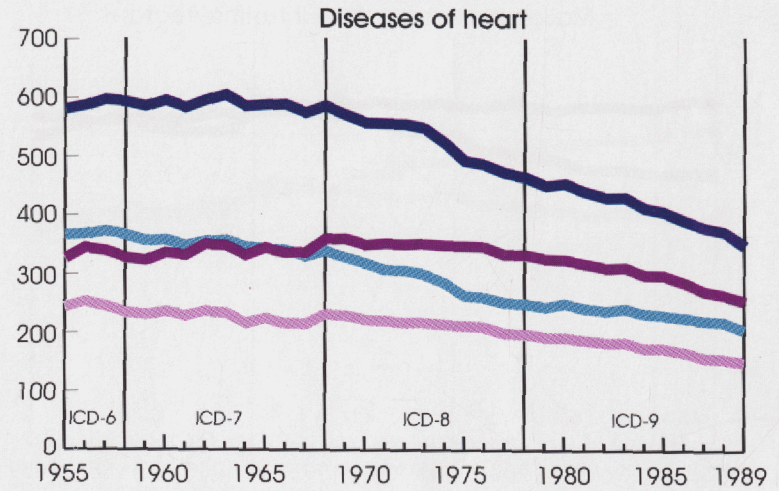
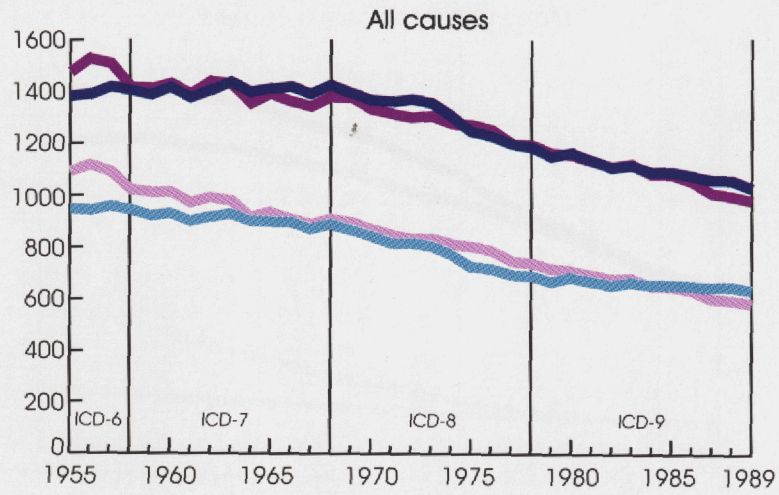




Figure 2-1. Deaths from selected causes: United States and 20 developed countries, 1955-89 — Continued

[ Age-adjusted death rate per 100,000 population ]

U.S. male      20 countries, male      U.S. female      20 countries, female

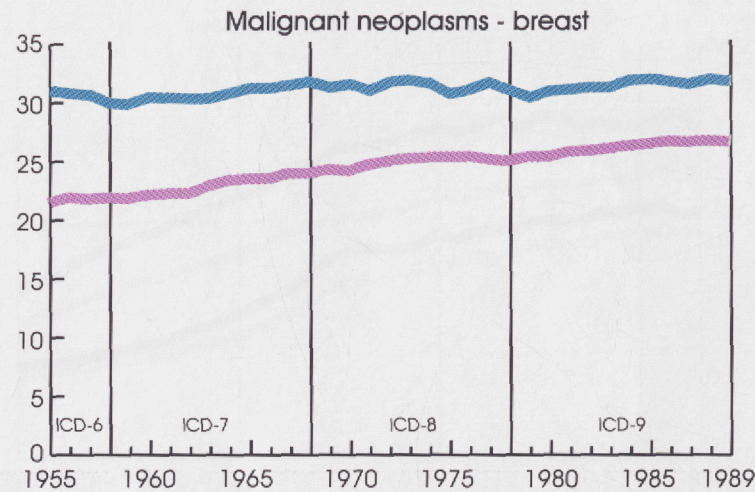
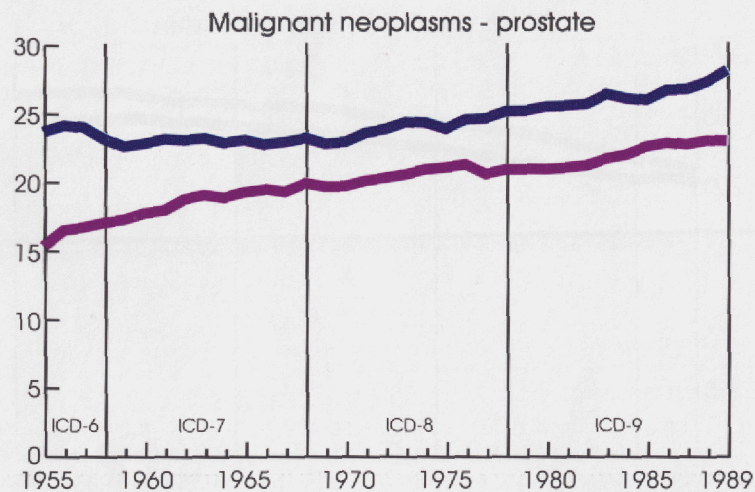
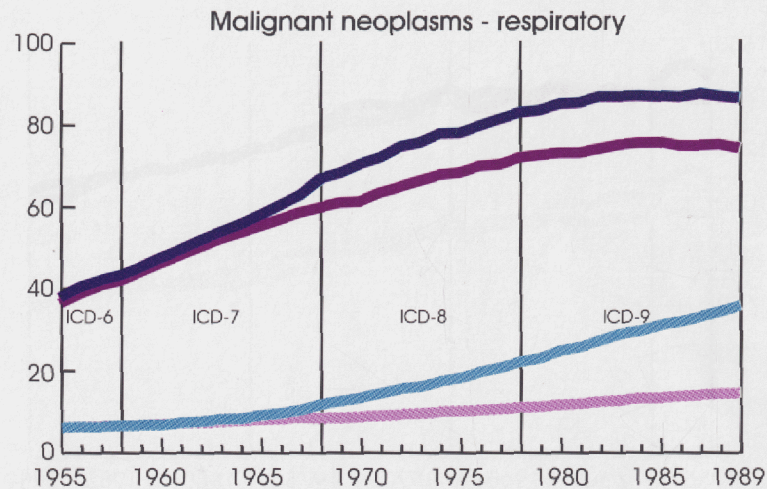
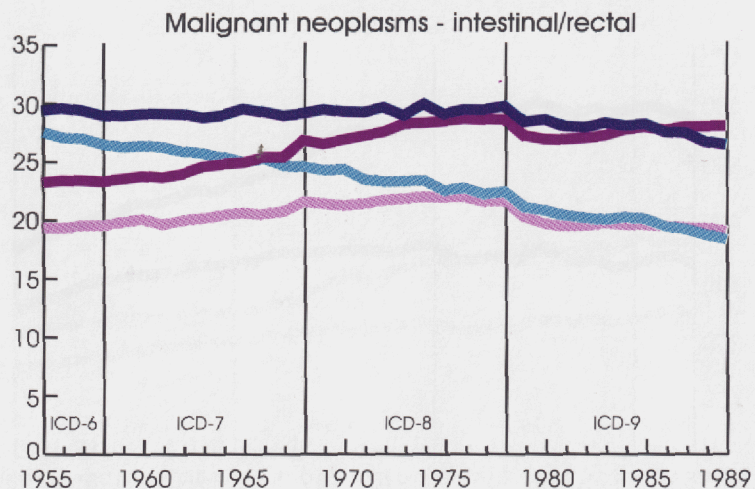
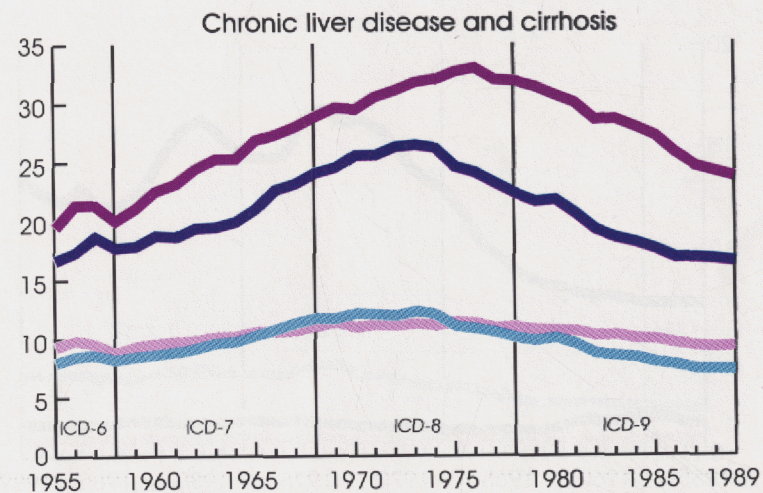
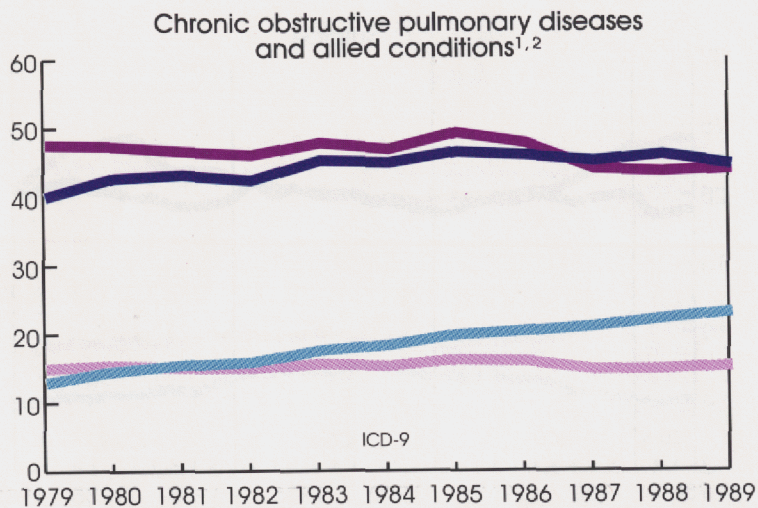
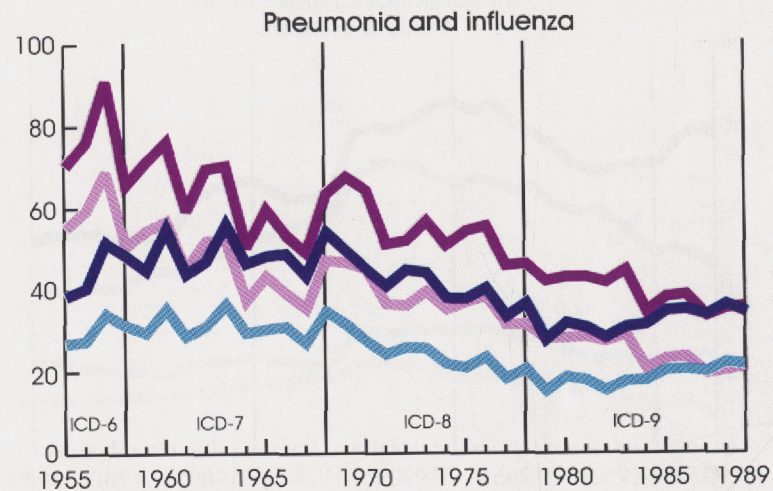
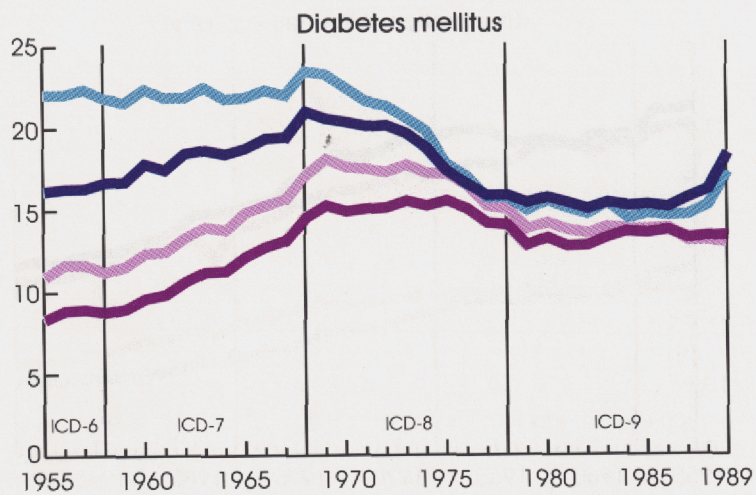




Figure 2-1. Deaths from selected causes: United States and 20 developed countries, 1955–89 — Continued

[ Age-adjusted death rate per 100,000 population ]

■ U.S. male    ■ 20 countries, male    ■ U.S. female    ■ 20 countries, female



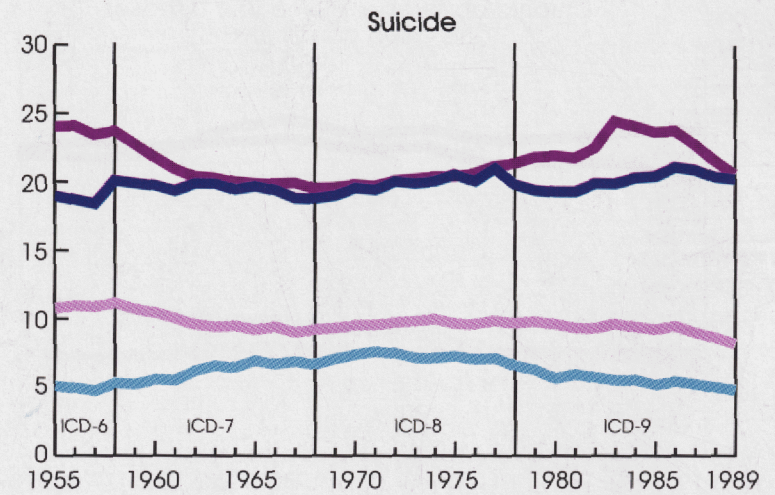
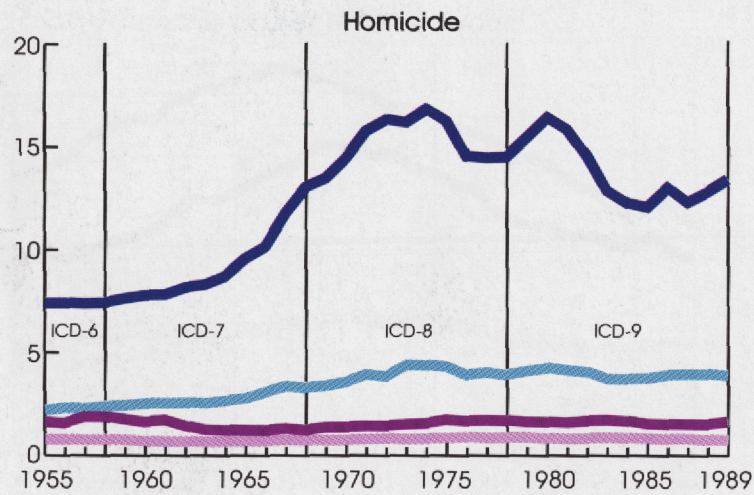
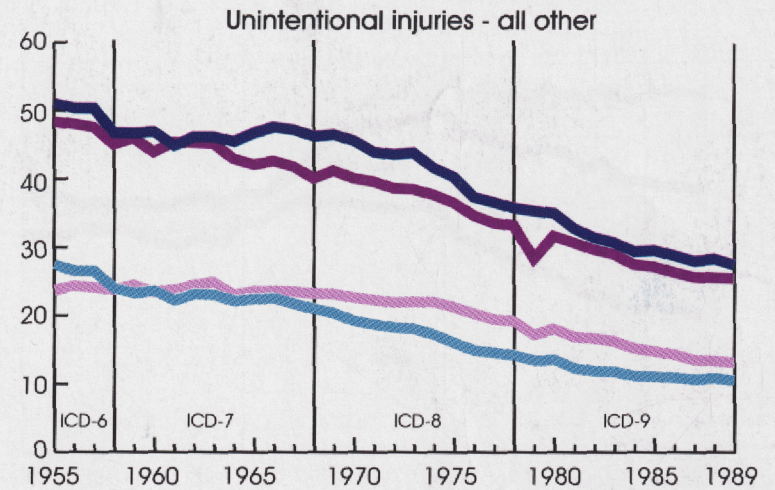
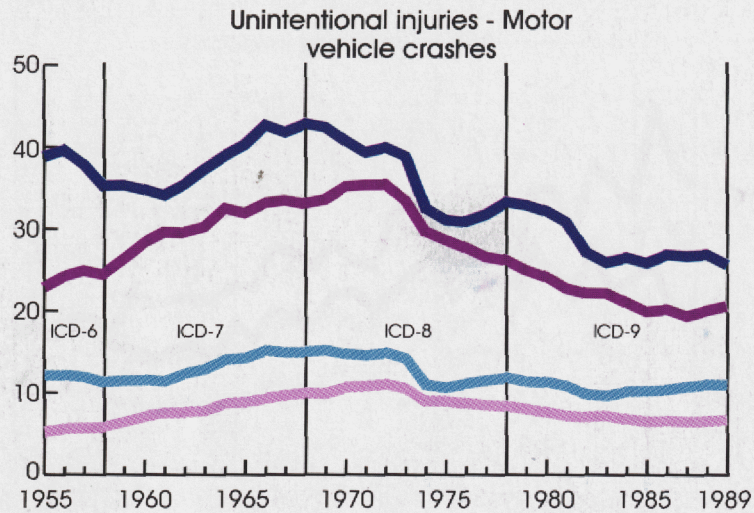
<sup>1</sup>Excludes Switzerland and Scandinavian countries.  
<sup>2</sup>Includes only data years 1979-89.



Figure 2-1. Deaths from selected causes: United States and 20 developed countries, 1955–89 — Continued

[ Age-adjusted death rate per 100,000 population ]

■ U.S. male    ■ 20 countries, male    ■ U.S. female    ■ 20 countries, female





# Cause profiles





This section presents figures depicting mortality from the five leading causes of death in the United States. Data for males and females from 36 countries are grouped according to geographic proximity and/or cultural similarity.

Each of the subfigures has been drawn to the same scale so that all figures may be compared. However, it should be noted that because female mortality is generally lower than male mortality, a different scale was used.

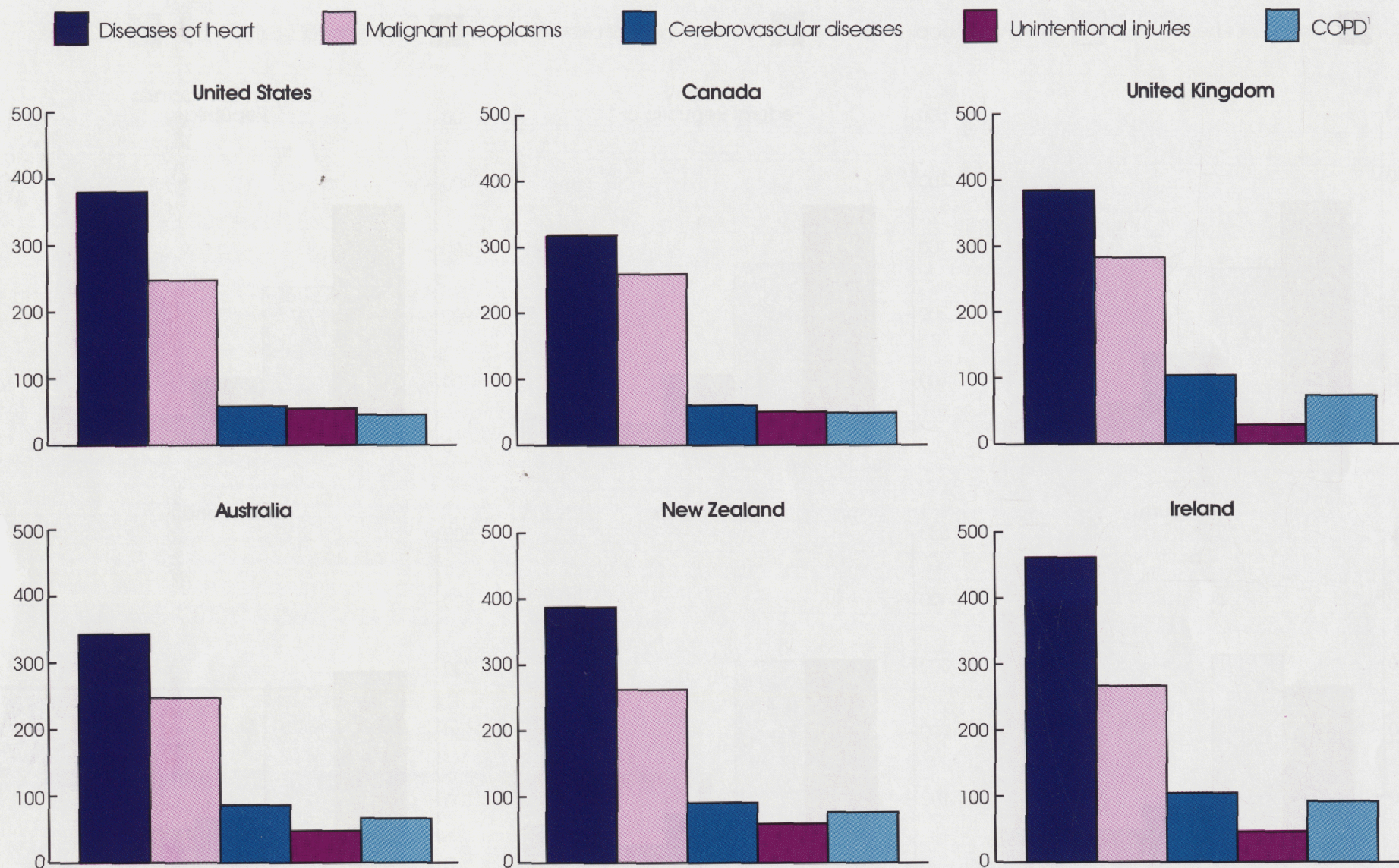
The deaths used to calculate mortality rates presented in this and the following sections have been age-adjusted and then averaged for the years 1985–89. Where data for only 1 year were available, however, rates were not calculated. This practice led to calculation of rates for all countries except the Federal Republic of Germany after reunification. In two other countries, Australia and Belgium, rates are based on data for 3 and 2 years, respectively. The rates for all other countries are based on data for all 5 years of the 1985–89 quinquennium.

**Males**



**Figure 3-1. Age-adjusted male mortality from selected causes: English-speaking countries, 1985 - 89**

( Rates per 100,000 population )

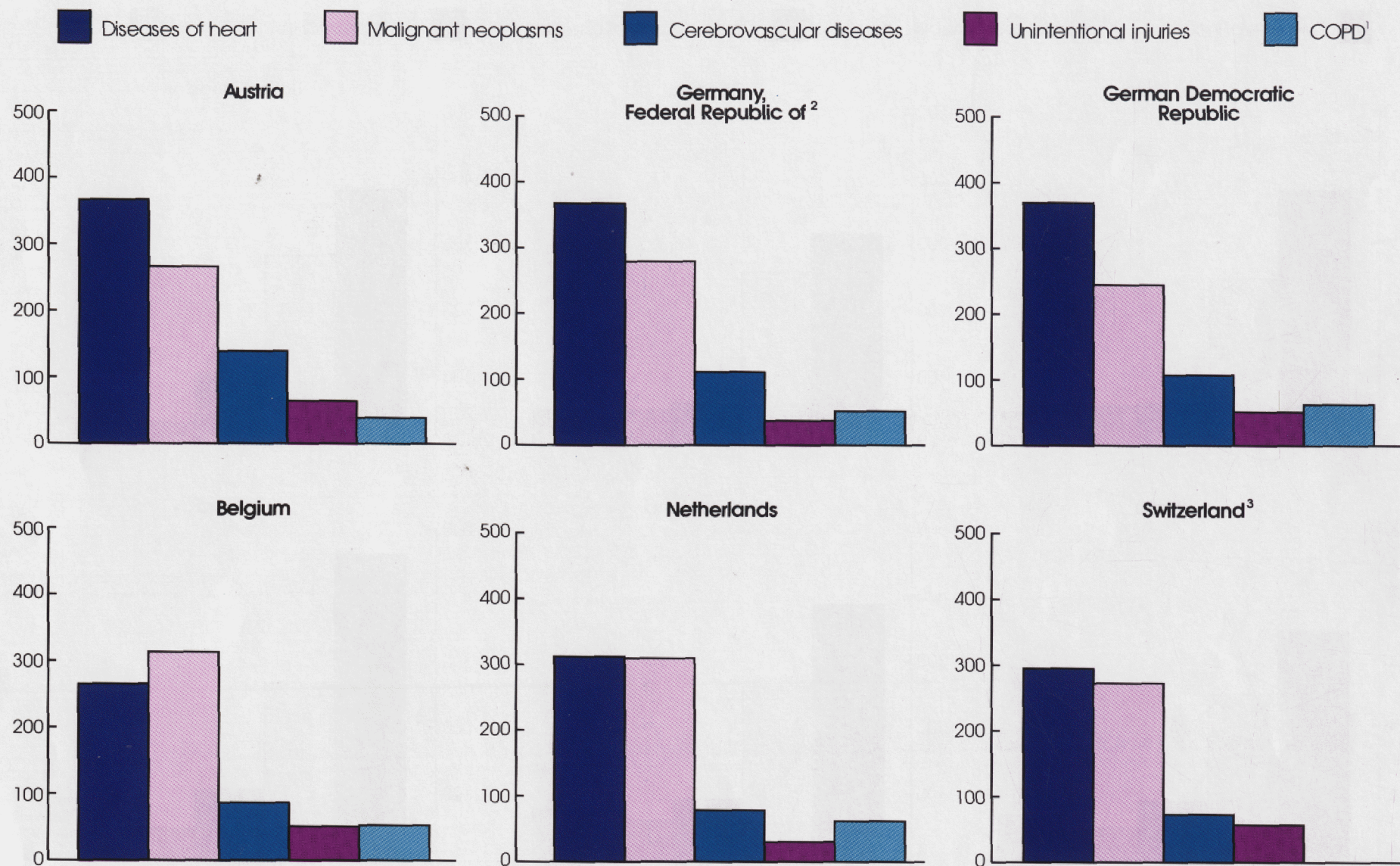


<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.



**Figure 3-2. Age-adjusted male mortality from selected causes: Western European countries, 1985 - 89**

(Rates per 100,000 population)



<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.

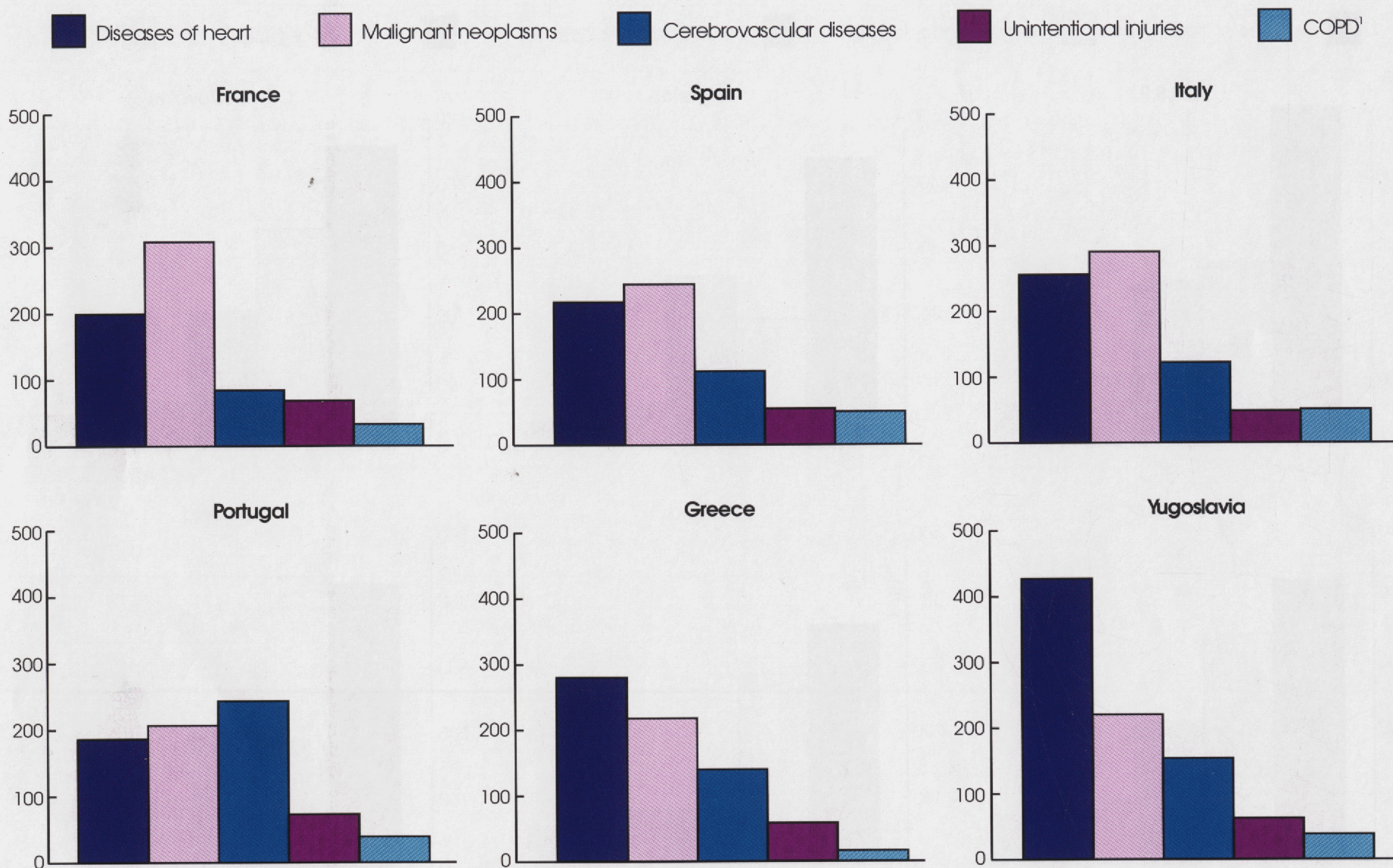
<sup>2</sup>Germany, Federal Republic of, refers to Germany before reunification.

<sup>3</sup>Data not available for COPD.



**Figure 3-3. Age-adjusted male mortality from selected causes: Southern European countries, 1985 - 89**

( Rates per 100,000 population )

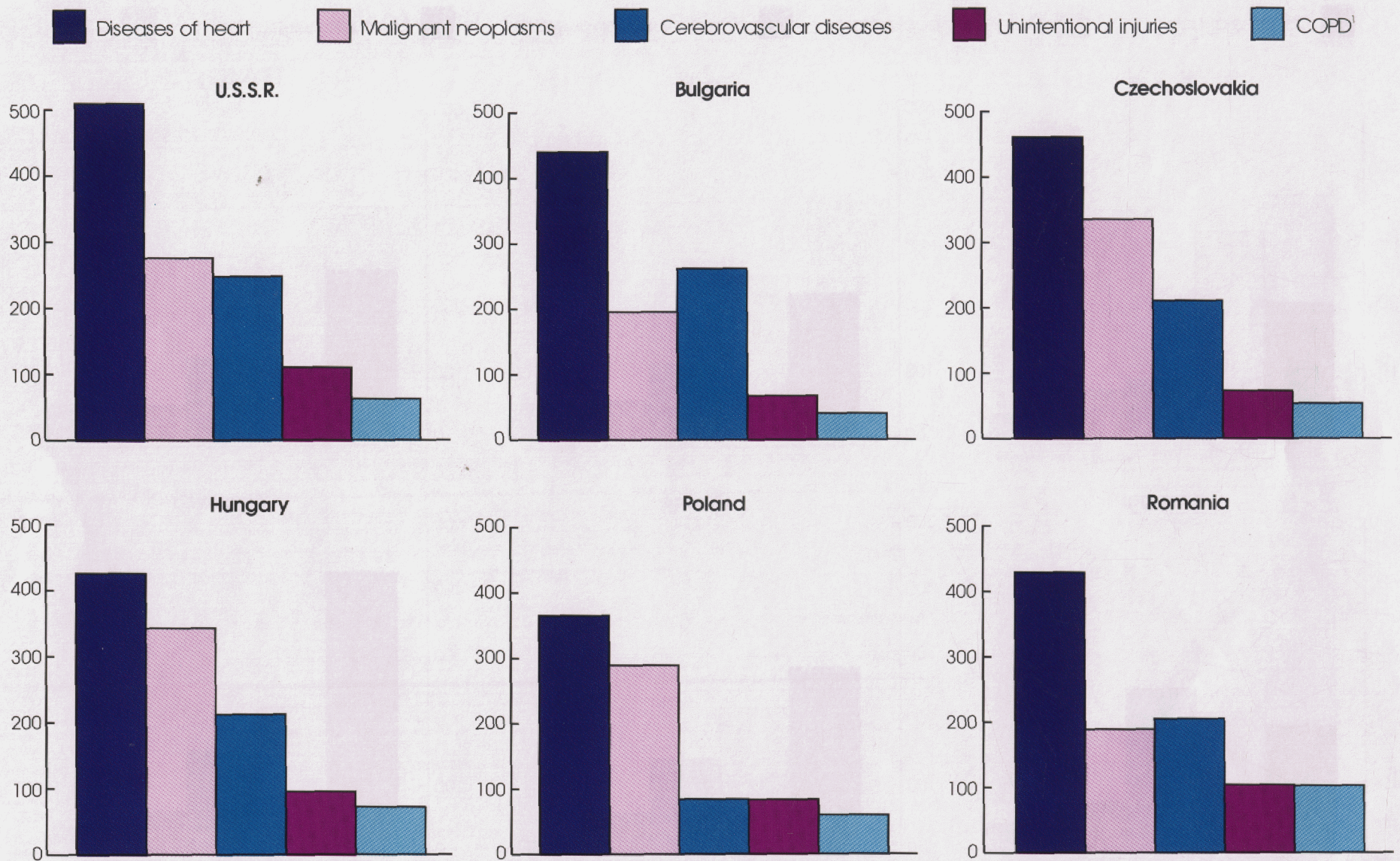


<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.



**Figure 3-4. Age-adjusted male mortality from selected causes: Eastern European countries, 1985 - 89**

(Rates per 100,000 population)



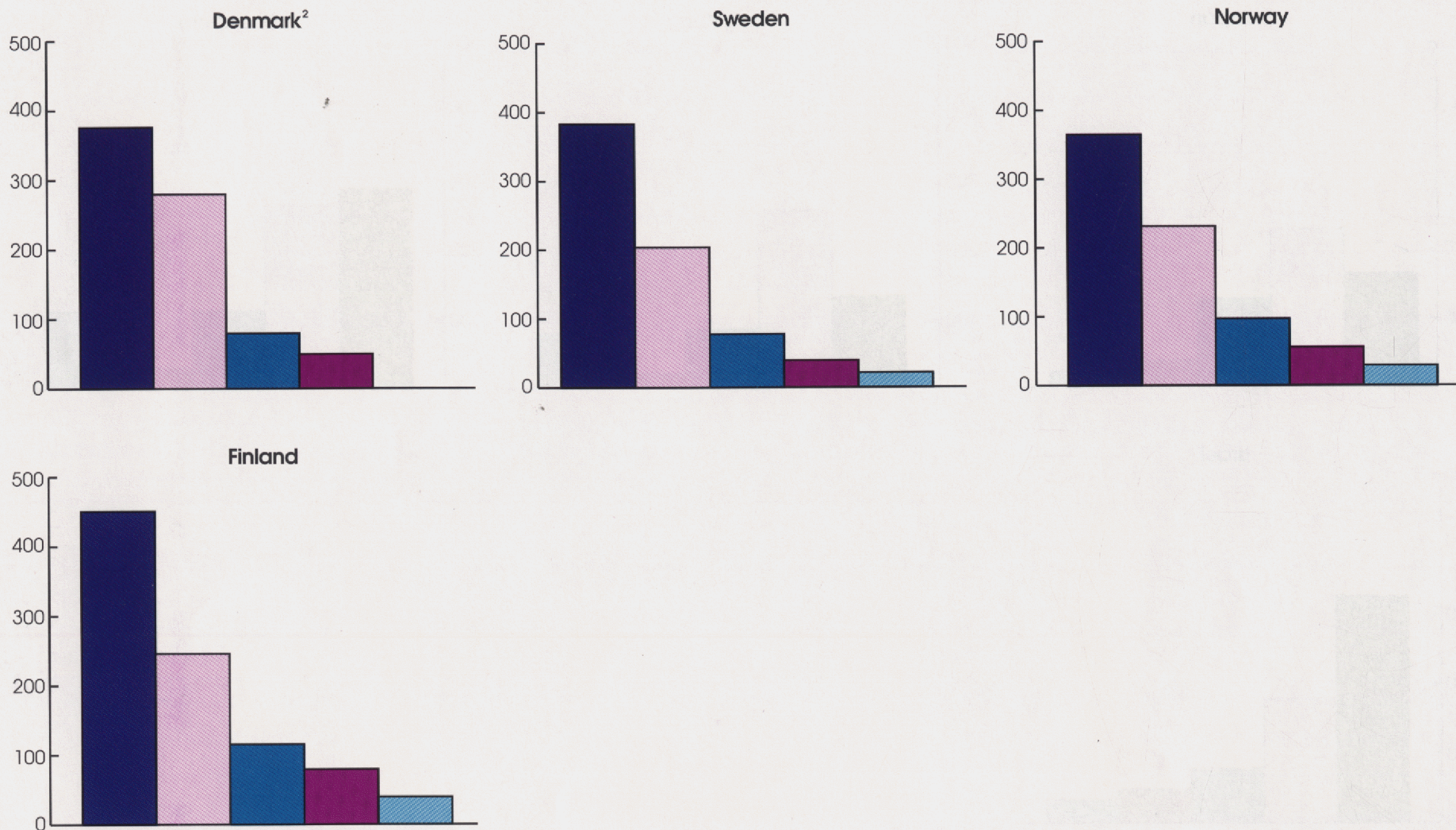
<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.



**Figure 3-5. Age-adjusted male mortality from selected causes: Scandinavian countries, 1985 - 89**

(Rates per 100,000 population)

Diseases of heart    
  Malignant neoplasms    
  Cerebrovascular diseases    
  Unintentional injuries    
  COPD<sup>1</sup>



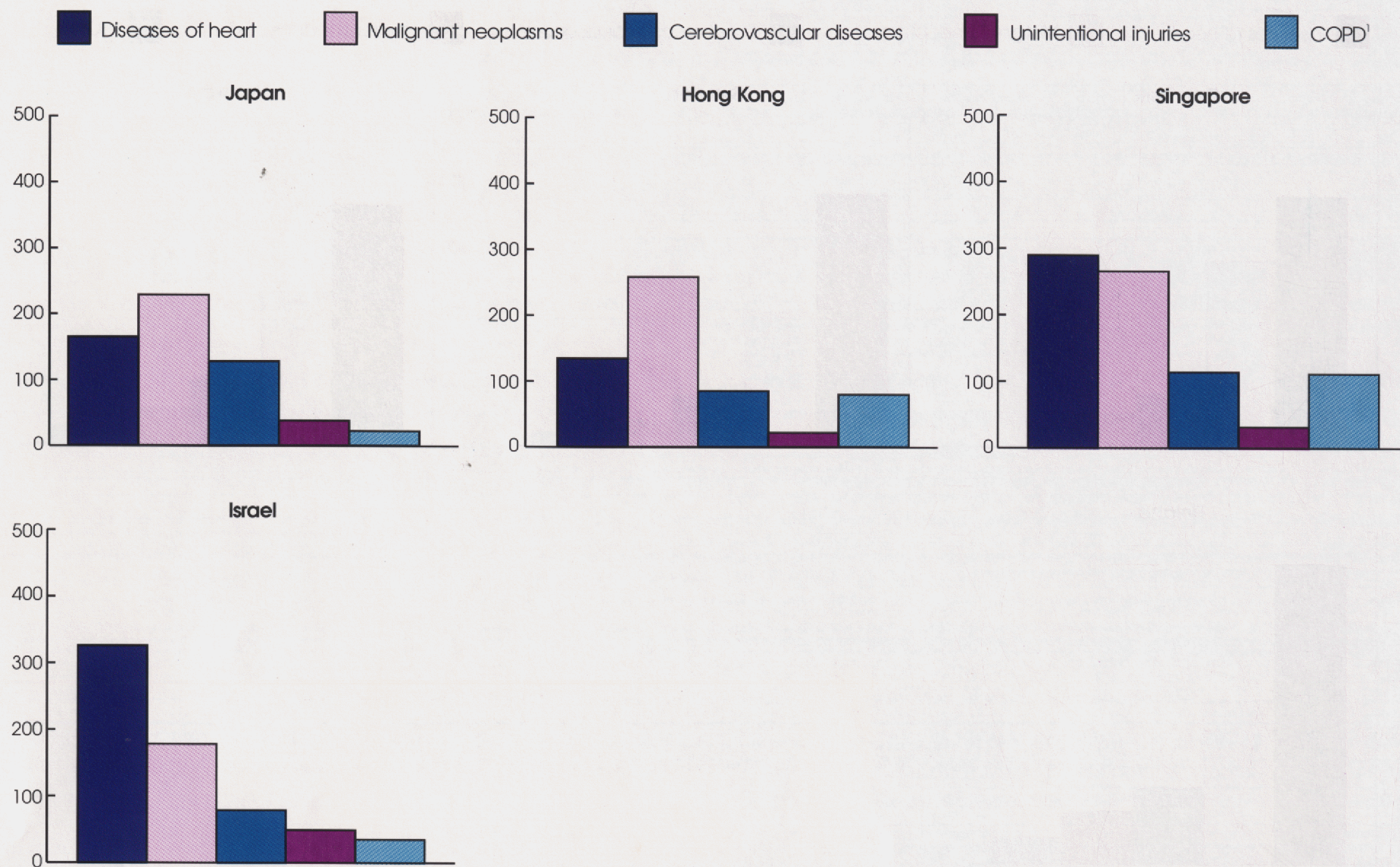
<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.

<sup>2</sup>Data not available for COPD.



**Figure 3-6. Age-adjusted male mortality from selected causes: Asian countries, 1985 - 89**

(Rates per 100,000 population)



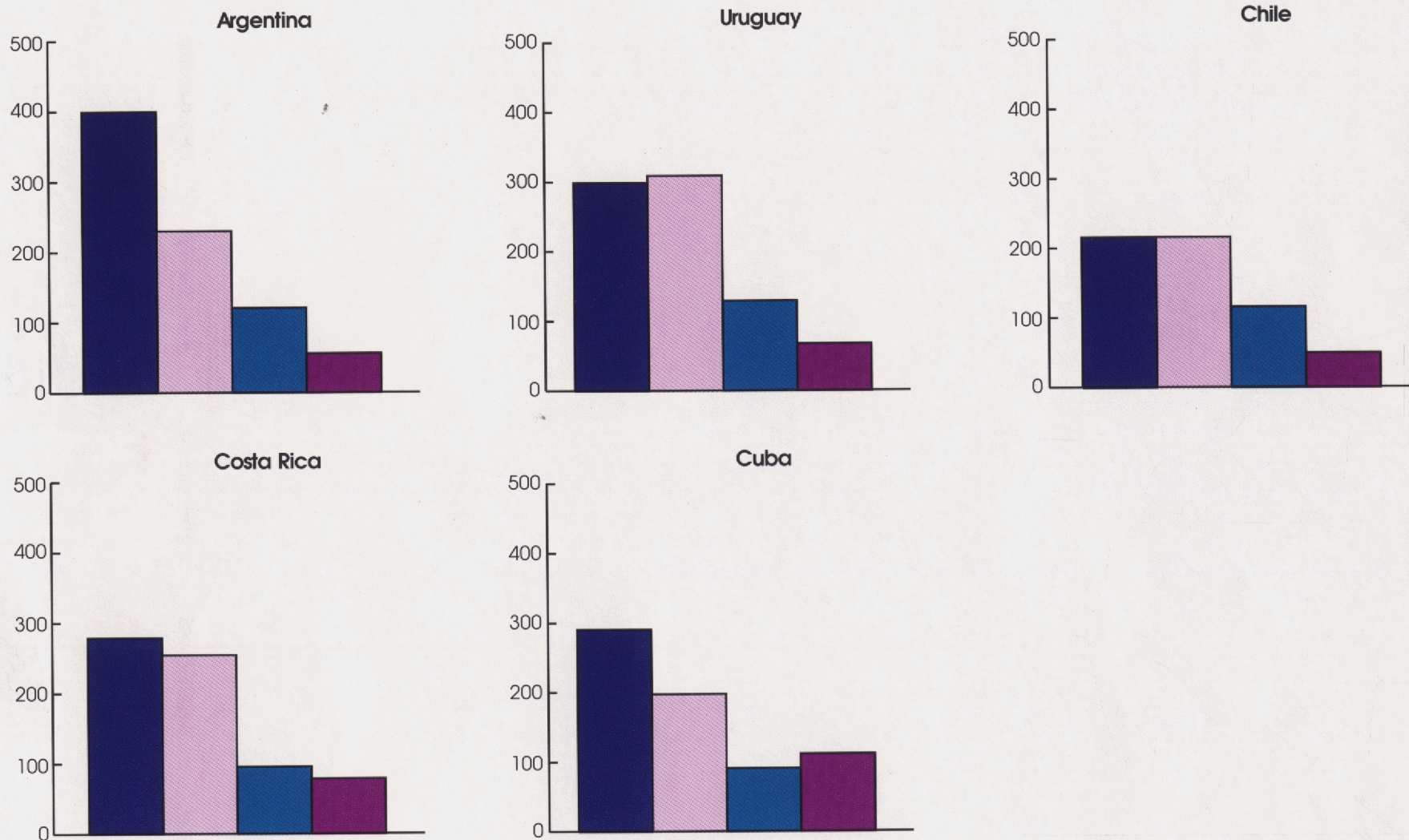
<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.



**Figure 3-7. Age-adjusted male mortality from selected causes: Latin American countries, 1985 - 89**

(Rates per 100,000 population)

Diseases of heart
  Malignant neoplasms
  Cerebrovascular diseases
  Unintentional injuries



NOTE: Data not available for chronic obstructive pulmonary diseases and allied conditions.



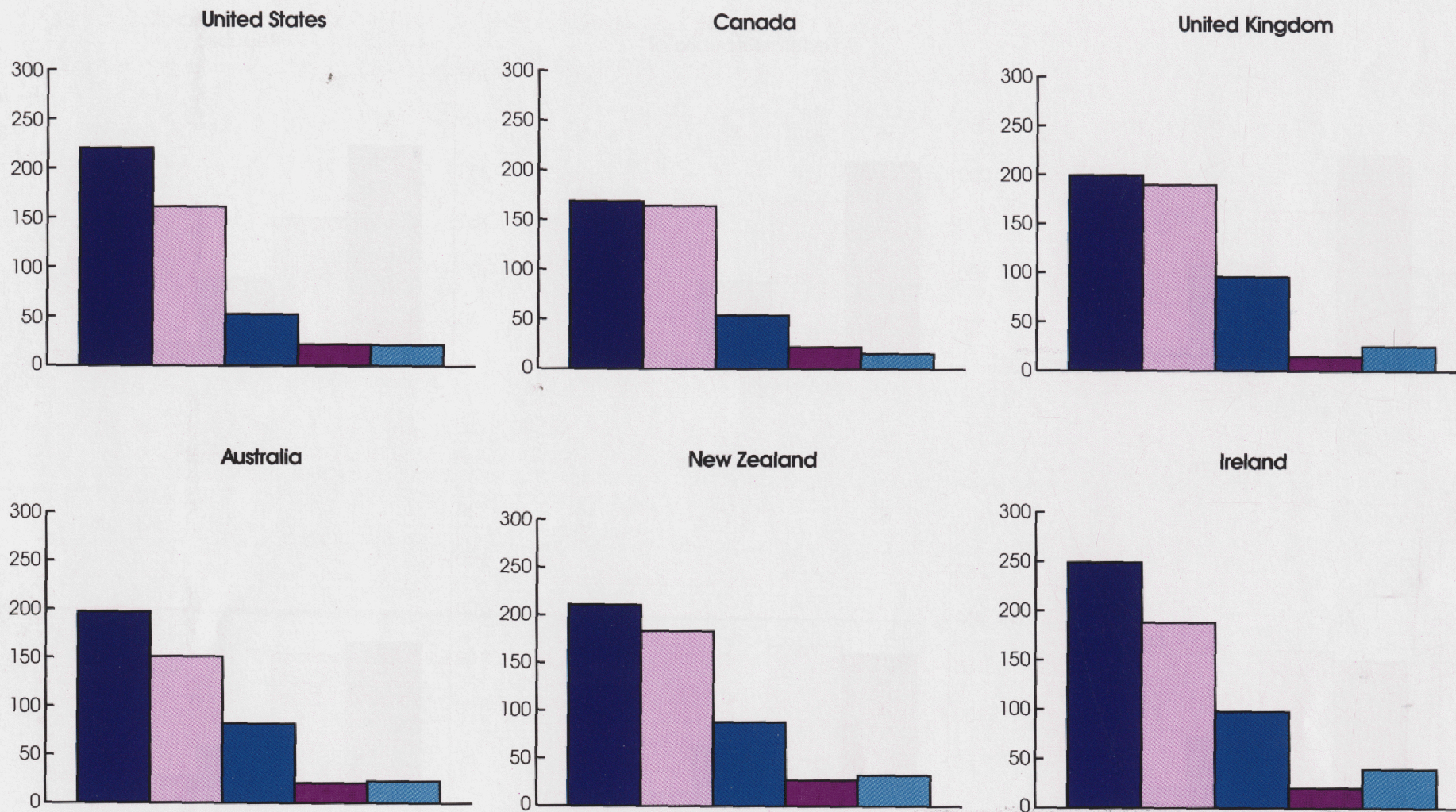
**Females**



**Figure 3-8. Age-adjusted female mortality from selected causes: English-speaking countries, 1985 - 89**

( Rates per 100,000 population )

Diseases of heart    
  Malignant neoplasms    
  Cerebrovascular diseases    
  Unintentional injuries    
  COPD<sup>1</sup>

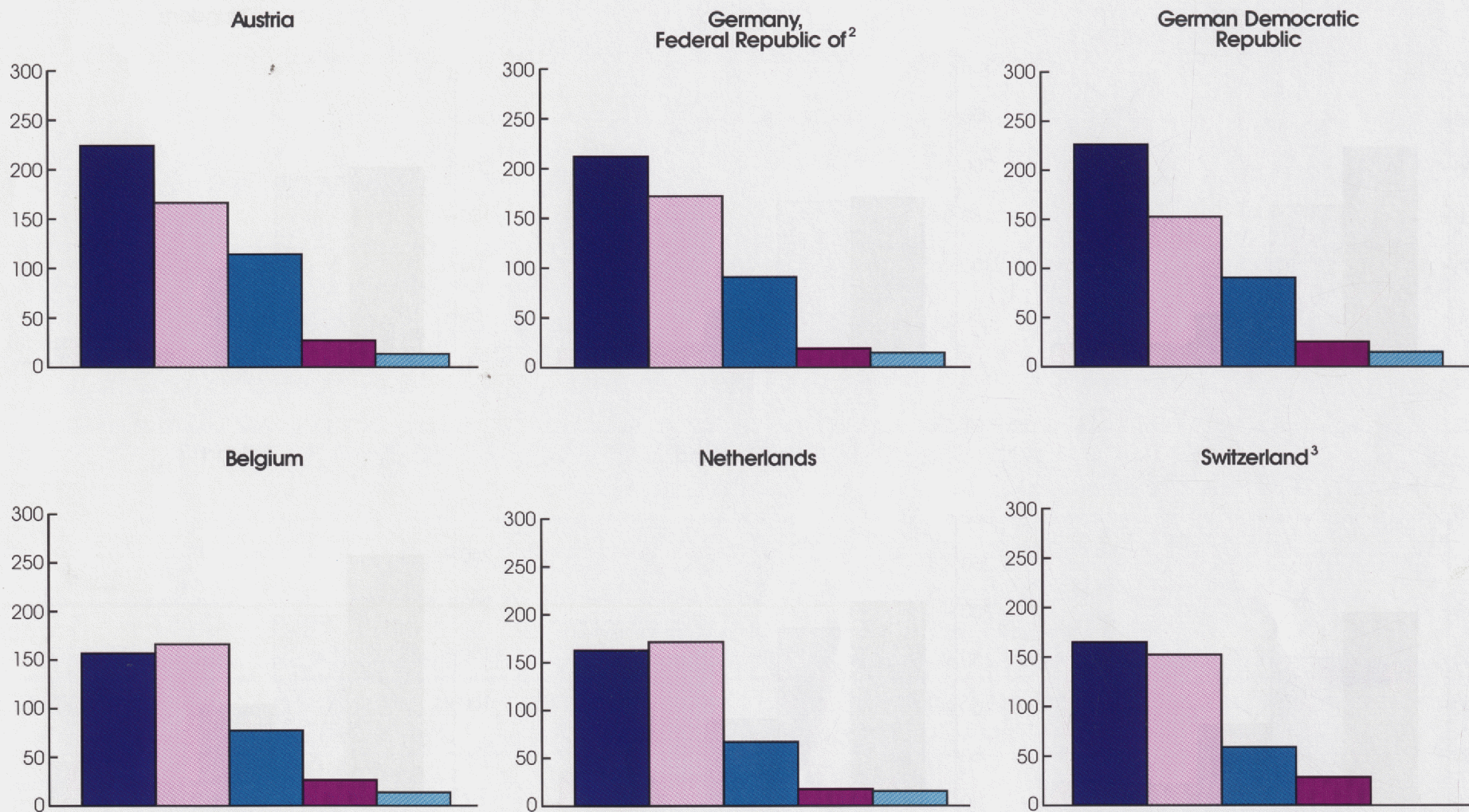


<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.



**Figure 3-9. Age-adjusted female mortality from selected causes: Western European countries, 1985 – 89**

( Rates per 100,000 population )



<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.

<sup>2</sup>Germany, Federal Republic of, refers to Germany before reunification.

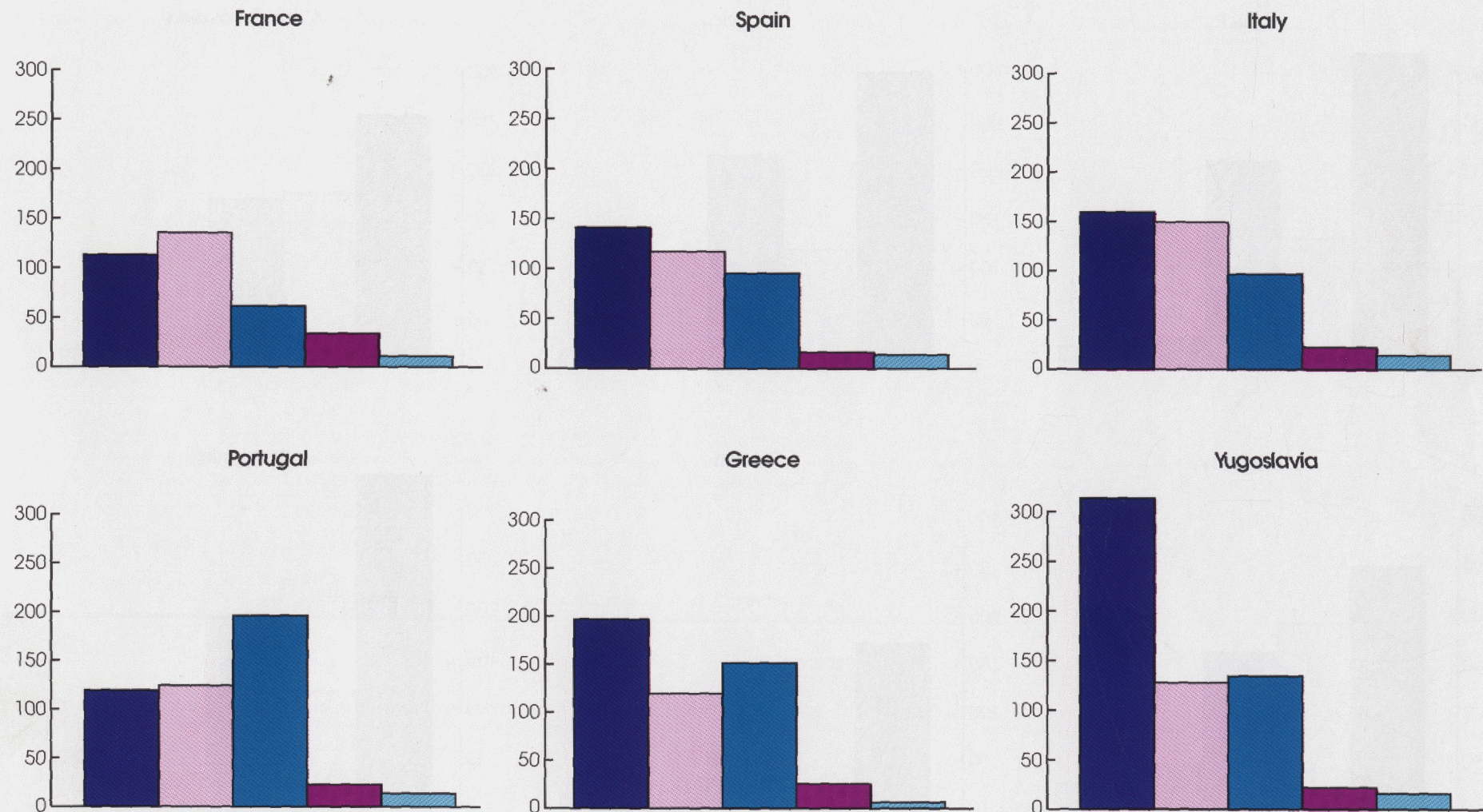
<sup>3</sup>Data not available for COPD.



**Figure 3-10. Age-adjusted female mortality from selected causes: Southern European countries, 1985 - 89**

( Rates per 100,000 population )

Diseases of heart    
  Malignant neoplasms    
  Cerebrovascular diseases    
  Unintentional injuries    
  COPD<sup>1</sup>

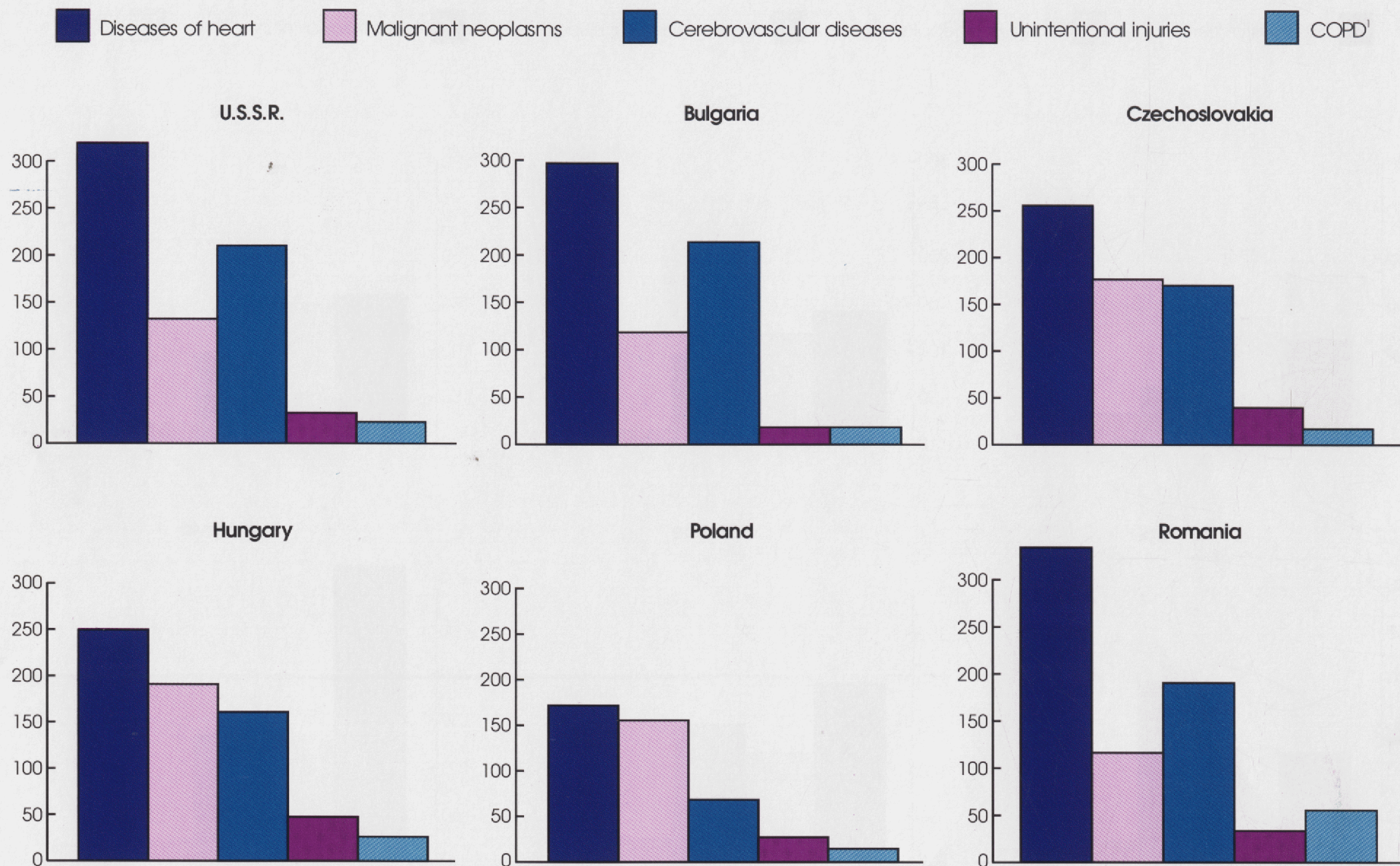


<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.



**Figure 3-11. Age-adjusted female mortality from selected causes: Eastern European countries, 1985 – 89**

(Rates per 100,000 population)



<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.

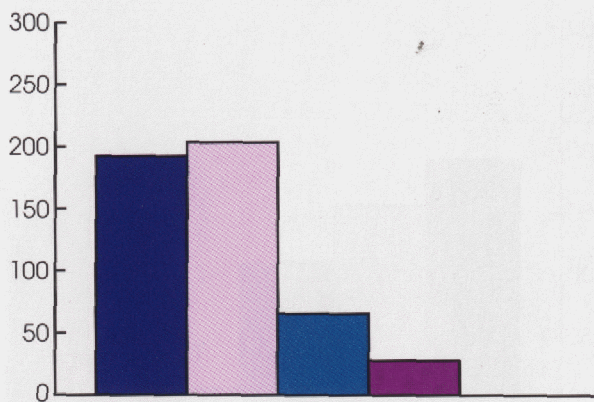


**Figure 3-12. Age-adjusted female mortality from selected causes: Scandinavian countries, 1985 - 89**

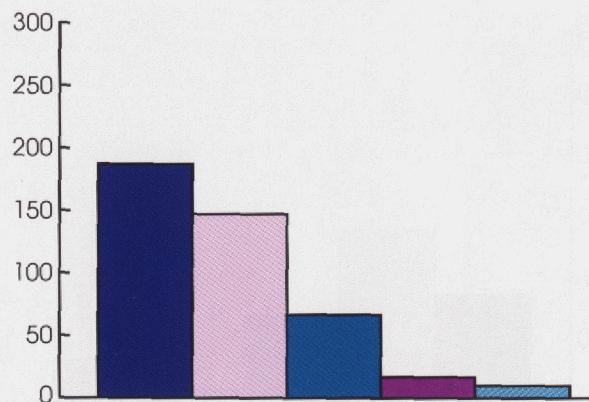
( Rates per 100,000 population )

Diseases of heart    
  Malignant neoplasms    
  Cerebrovascular diseases    
  Unintentional injuries    
  COPD<sup>1</sup>

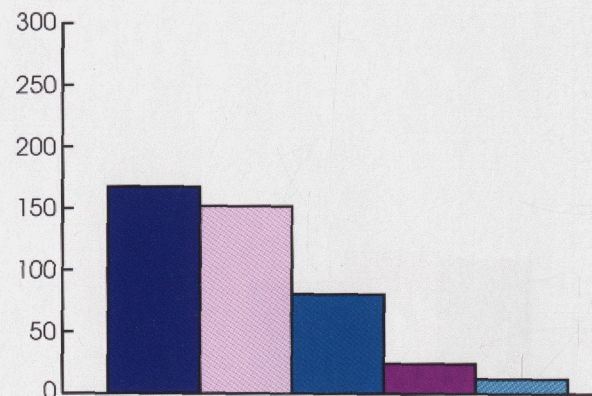
**Denmark<sup>2</sup>**



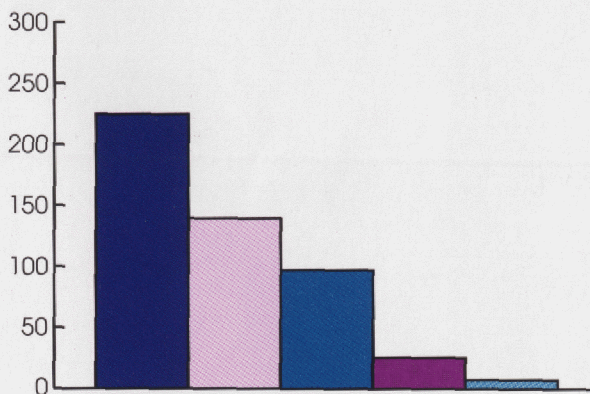
**Sweden**



**Norway**



**Finland**



<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.

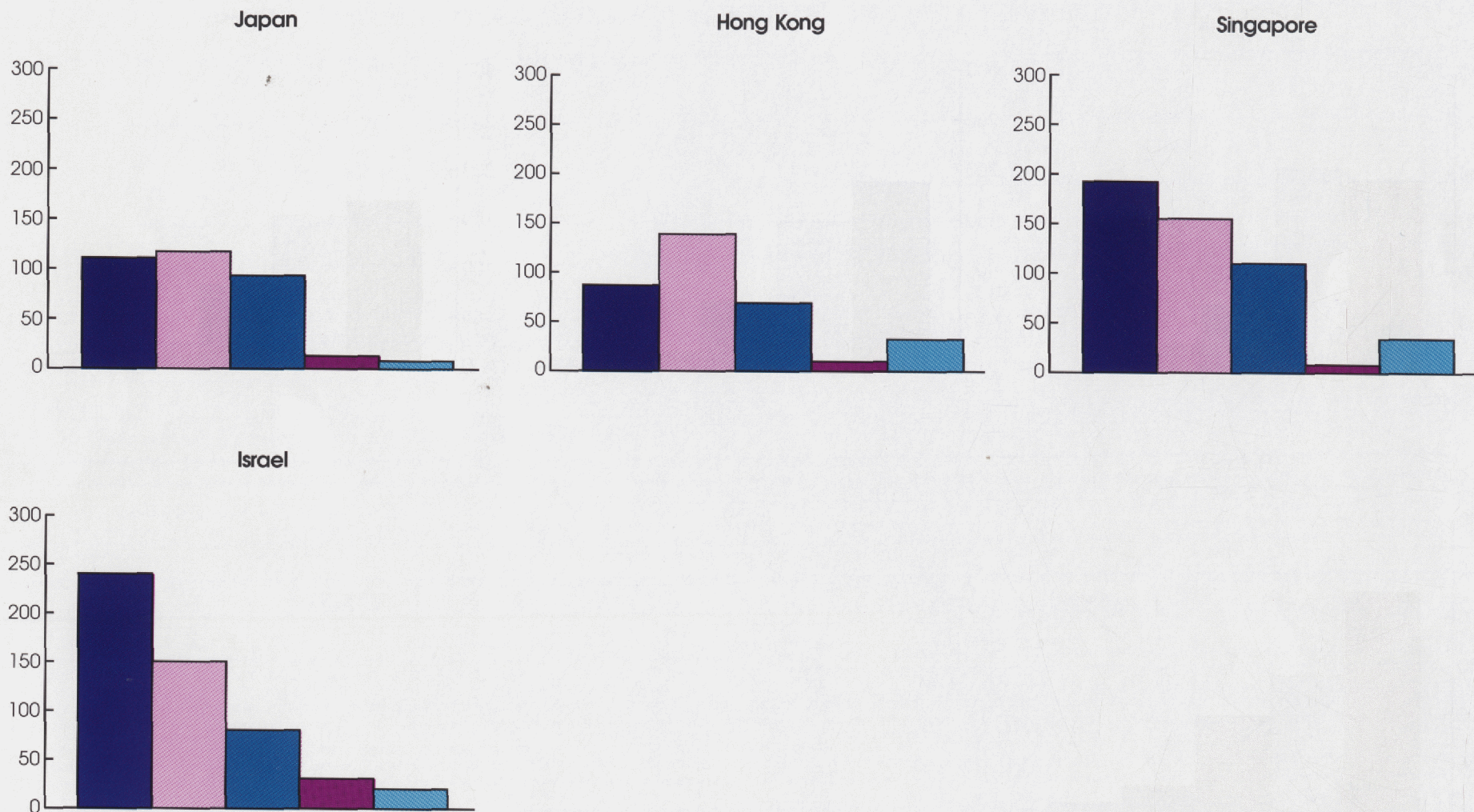
<sup>2</sup>Data not available for COPD.



**Figure 3-13. Age-adjusted female mortality from selected causes: Asian countries, 1985 – 89**

( Rates per 100,000 population )

Diseases of heart    
  Malignant neoplasms    
  Cerebrovascular diseases    
  Unintentional injuries    
  COPD<sup>1</sup>



<sup>1</sup>COPD is defined as chronic obstructive pulmonary diseases and allied conditions.

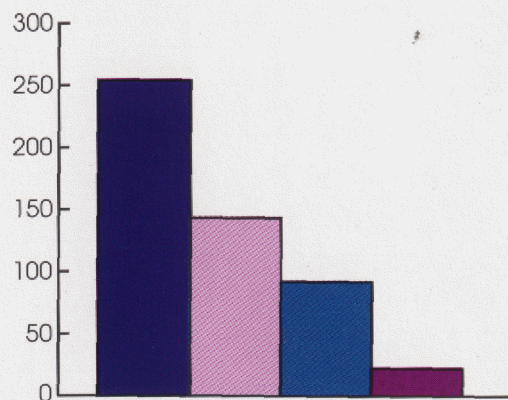


**Figure 3-14. Age-adjusted female mortality from selected causes: Latin American countries, 1985 - 89**

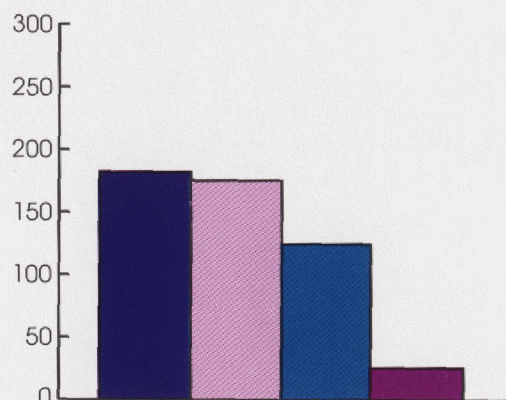
( Rates per 100,000 population )

Diseases of heart
  Malignant neoplasms
  Cerebrovascular diseases
  Unintentional injuries

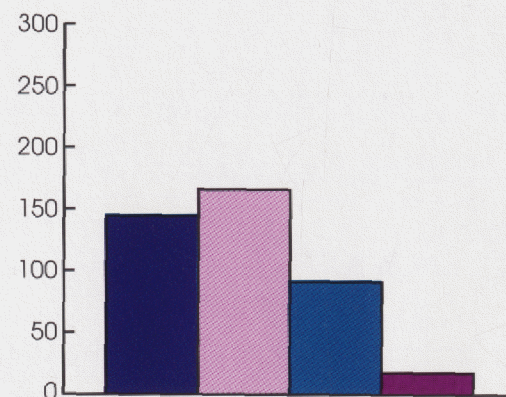
**Argentina**



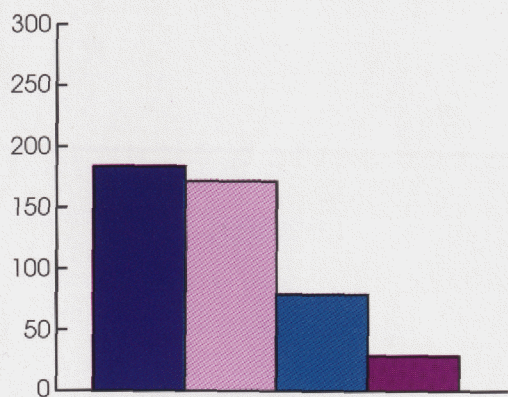
**Uruguay**



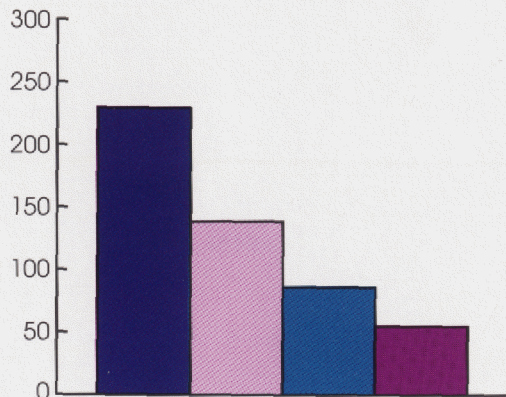
**Chile**



**Costa Rica**



**Cuba**



NOTE: Data not available for chronic obstructive pulmonary diseases and allied conditions.



# Selected causes





In this section, 5-year mortality rates are presented for the same causes as those presented in "Rankings."

As in "Trends," rates were calculated only when data for 2 or more years were available.

**Males**



**Table 4-1. Age-adjusted 5-year mortality rates among males for selected causes: English-speaking countries, 1955-89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>All causes</b>									
1955-59 .....	1,395.5	1,316.6	1,435.2	1,336.6	1,428.9	1,478.2	1,462.1	1,626.4	1,497.3
1960-64 .....	1,407.0	1,271.0	1,421.6	1,368.2	1,409.9	1,470.5	1,455.6	1,618.1	1,453.1
1965-69 .....	1,409.2	1,255.5	1,453.7	1,402.5	1,417.1	1,436.3	1,424.3	1,555.6	1,430.3
1970-74 .....	1,352.8	1,229.9	1,436.7	1,377.9	1,417.3	1,401.5	1,384.0	1,540.5	1,532.5
1975-79 .....	1,202.5	1,157.0	1,240.7	1,311.6	1,382.4	1,341.5	1,321.4	1,494.5	1,551.1
1980-84 .....	1,124.4	1,047.8	1,107.5	1,204.6	1,324.4	1,225.8	1,206.6	1,387.4	1,356.2
1985-89 .....	1,065.1	986.2	1,011.7	1,124.8	1,254.7	1,125.1	1,105.8	1,291.6	1,269.1
<b>Diseases of heart (390-398, 402, 404-429)</b>									
1955-59 .....	589.3	519.3	545.7	507.7	488.6	495.9	485.6	578.2	563.6
1960-64 .....	593.8	516.4	571.5	532.3	505.0	501.2	490.9	578.7	584.2
1965-69 .....	582.8	501.9	592.1	555.0	512.6	492.3	483.7	557.2	564.0
1970-74 .....	548.7	470.6	565.7	515.0	497.5	490.4	481.1	558.3	586.6
1975-79 .....	474.2	430.2	474.7	486.3	509.8	477.0	467.6	539.0	619.4
1980-84 .....	434.7	372.9	403.1	436.5	507.3	436.9	427.9	504.1	536.5
1985-89 .....	379.8	318.0	346.7	387.4	461.6	384.6	375.5	458.2	473.8
<b>Ischemic heart disease (410-414)</b>									
1955-59 .....	501.6	452.7	456.8	410.4	395.4	425.2	414.5	520.3	465.3
1960-64 .....	520.3	464.5	494.6	451.5	411.1	433.5	422.2	527.6	492.8
1965-69 .....	523.0	457.9	512.3	469.2	399.8	414.3	404.9	494.8	462.9
1970-74 .....	497.1	424.2	481.4	447.2	394.0	401.5	391.2	486.5	476.0
1975-79 .....	412.0	381.3	405.3	418.7	408.5	401.3	391.9	474.9	499.5
1980-84 .....	325.7	316.1	339.7	374.8	392.3	372.9	364.5	439.0	452.5
1985-89 .....	265.9	263.9	292.4	334.5	375.7	342.9	334.8	409.6	414.4
<b>Cerebrovascular diseases (430-438)</b>									
1955-59 .....	150.2	141.2	163.9	134.6	129.0	180.6	176.4	222.3	179.4
1960-64 .....	144.0	125.9	159.3	140.3	141.4	176.8	172.1	222.9	176.0
1965-69 .....	135.0	117.6	168.4	147.1	158.3	171.1	167.0	212.3	172.4
1970-74 .....	124.2	110.6	172.5	157.1	167.9	159.5	154.3	202.5	193.3
1975-79 .....	93.3	94.0	136.3	131.4	153.6	137.1	132.1	178.2	184.4
1980-84 .....	71.1	73.1	108.6	112.2	126.4	116.7	112.9	153.2	133.8
1985-89 .....	58.4	60.4	87.5	91.2	104.7	104.6	101.8	132.8	115.8

**Table 4-1. Age-adjusted 5-year mortality rates among males for selected causes: English-speaking countries, 1955-89—Continued**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>Malignant neoplasms—all sites (140-208)</b>									
1955-59 .....	204.2	202.8	197.8	208.5	193.5	256.1	255.1	275.8	217.5
1960-64 .....	212.5	211.5	206.3	216.3	202.7	266.7	265.6	290.9	218.9
1965-69 .....	224.5	222.7	221.1	228.1	216.9	278.7	277.5	303.6	233.1
1970-74 .....	235.0	237.6	240.3	253.2	236.2	284.0	282.5	308.3	248.7
1975-79 .....	241.6	244.0	242.1	259.5	249.2	285.5	283.6	311.0	260.5
1980-84 .....	247.5	250.9	248.4	261.5	250.7	282.6	280.9	307.7	253.4
1985-89 .....	246.9	259.3	250.3	262.3	266.9	282.6	280.6	306.3	269.8
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>									
1955-59 .....	29.3	33.0	30.1	31.5	31.2	37.7	37.1	44.3	34.5
1960-64 .....	29.0	32.3	28.3	31.4	29.2	34.8	34.2	41.7	31.6
1965-69 .....	29.3	33.4	29.2	33.9	32.4	34.5	34.1	38.8	33.6
1970-74 .....	29.4	33.7	31.3	39.5	34.8	34.5	34.1	37.9	36.5
1975-79 .....	29.3	32.4	32.6	38.6	37.2	33.8	33.4	37.2	36.0
1980-84 .....	28.2	29.5	32.9	40.2	34.1	32.4	32.3	33.8	33.4
1985-89 .....	27.3	28.8	33.7	39.4	37.7	32.4	32.3	33.2	36.0
<b>Malignant neoplasms—respiratory (160-162)</b>									
1955-59 .....	42.0	34.8	35.9	42.6	33.8	83.3	84.0	85.1	49.9
1960-64 .....	51.9	43.5	47.7	50.1	41.8	97.0	97.3	104.3	56.6
1965-69 .....	63.5	54.6	59.7	62.0	52.7	107.1	107.1	117.2	68.1
1970-74 .....	74.3	67.1	69.2	69.5	62.6	112.4	111.9	126.2	77.2
1975-79 .....	81.4	76.5	73.3	76.6	71.6	112.3	111.4	128.1	83.8
1980-84 .....	86.5	85.2	75.5	78.0	75.7	106.7	105.5	125.1	84.2
1985-89 .....	87.2	88.2	71.7	72.5	78.3	97.8	96.0	118.3	89.0
<b>Malignant neoplasms—prostate (185)</b>									
1955-59 .....	23.6	22.3	25.9	24.9	14.2	19.8	19.8	19.9	19.7
1960-64 .....	23.1	22.7	25.0	23.9	16.9	20.6	20.5	21.4	20.1
1965-69 .....	23.0	23.0	25.6	24.5	19.9	20.9	21.0	20.3	20.9
1970-74 .....	23.9	24.7	27.2	28.7	22.6	20.3	20.3	19.7	22.0
1975-79 .....	24.8	24.9	26.2	27.7	24.5	20.8	20.9	19.5	23.4
1980-84 .....	25.9	25.3	26.4	28.5	24.4	22.4	22.5	21.3	22.3
1985-89 .....	27.1	28.6	28.7	30.7	28.1	26.8	27.1	23.9	24.2



**Table 4-1. Age-adjusted 5-year mortality rates among males for selected causes: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>Diabetes mellitus (250)</b>									
1955-59	16.4	13.9	12.6	13.1	6.9	5.9	5.8	7.0	6.9
1960-64	18.2	15.5	14.7	14.3	7.9	6.9	6.8	7.6	6.2
1965-69	19.8	17.5	18.3	15.0	9.1	8.1	7.8	10.9	8.8
1970-74	19.8	18.9	19.5	20.0	11.6	8.9	8.7	11.2	10.6
1975-79	16.2	16.4	16.2	19.3	12.1	9.0	8.8	11.4	6.4
1980-84	15.4	15.1	14.7	16.4	10.0	8.8	8.7	10.4	9.0
1985-89	16.2	16.6	15.1	15.3	12.2	12.4	12.8	10.1	4.6
<b>Pneumonia (480-486)</b>									
1955-59	41.7	46.6	56.1	55.1	39.0	65.8	67.0	55.3	61.4
1960-64	46.3	44.3	52.7	76.0	47.0	77.9	80.2	60.0	61.5
1965-69	46.2	44.4	50.1	72.6	59.6	87.7	91.2	60.1	59.9
1970-74	40.4	40.6	38.1	61.7	78.1	100.4	103.8	70.4	80.1
1975-79	33.2	35.5	27.8	54.6	79.3	109.7	113.0	80.2	86.2
1980-84	29.9	31.6	19.3	52.6	82.5	92.4	92.9	82.7	107.3
1985-89	34.3	32.6	13.8	50.1	70.0	47.4	43.1	76.1	125.7
<b>Influenza (487)</b>									
1955-59	3.2	8.7	5.7	5.6	20.8	12.2	12.4	9.4	14.9
1960-64	3.4	4.8	2.1	5.0	17.0	7.9	8.1	4.9	10.7
1965-69	2.7	4.2	2.9	2.1	13.6	7.0	7.0	6.1	9.4
1970-74	2.2	4.3	4.5	4.3	12.3	7.1	7.0	7.5	10.3
1975-79	1.9	3.1	2.3	3.1	6.6	4.6	4.4	6.7	5.6
1980-84	0.8	1.4	1.3	2.7	2.1	1.1	1.0	2.2	1.8
1985-89	0.6	1.0	1.2	2.3	1.1	1.2	1.1	2.1	1.8
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>									
1980-84	43.3	44.6	71.1	85.1	89.5	74.8	75.0	73.5	68.2
1985-89	45.4	48.4	67.1	76.6	91.9	73.5	74.2	67.3	65.3
<b>Chronic liver disease and cirrhosis (571)</b>									
1955-59	17.7	10.1	8.1	4.6	3.2	3.3	3.1	5.2	3.5
1960-64	19.3	10.9	8.4	3.6	3.6	3.5	3.3	6.2	3.8
1965-69	23.1	12.8	9.3	4.8	4.1	3.6	3.3	6.0	3.4
1970-74	26.0	18.8	12.2	7.7	4.8	3.9	3.7	6.1	4.1
1975-79	23.2	21.7	15.2	9.5	4.9	4.9	4.4	9.1	5.9
1980-84	19.7	17.4	14.4	7.4	4.7	5.3	4.8	10.3	5.6
1985-89	16.9	13.8	12.7	6.0	4.2	6.3	6.0	10.1	5.3

**Table 4-1. Age-adjusted 5-year mortality rates among males for selected causes: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>									
1955-59 . . . . .	37.4	34.3	40.6	28.7	13.1	19.0	19.0	19.0	18.3
1960-64 . . . . .	36.2	36.8	41.6	26.8	16.1	21.9	21.9	22.3	20.0
1965-69 . . . . .	42.1	40.9	44.8	33.5	21.6	21.7	21.3	24.2	24.7
1970-74 . . . . .	38.3	39.8	44.2	35.8	30.5	20.6	19.8	25.1	33.4
1975-79 . . . . .	32.1	32.2	38.4	31.8	28.7	18.3	17.4	23.6	31.1
1980-84 . . . . .	28.5	25.4	29.4	27.6	24.0	14.6	13.9	19.4	16.4
1985-89 . . . . .	26.4	21.7	25.0	30.2	19.5	13.2	12.8	15.9	18.5
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>									
1955-59 . . . . .	49.0	55.8	47.1	43.5	29.3	32.5	31.0	47.7	29.1
1960-64 . . . . .	46.0	48.9	40.4	42.8	29.0	30.3	28.8	44.5	29.7
1965-69 . . . . .	46.9	48.0	38.3	44.7	31.0	26.5	25.2	38.8	25.5
1970-74 . . . . .	43.7	47.4	35.6	44.9	33.1	22.9	21.5	35.0	29.6
1975-79 . . . . .	37.1	41.8	31.4	42.8	34.2	24.6	19.0	35.6	42.3
1980-84 . . . . .	31.9	34.2	26.8	33.9	29.5	19.1	17.4	32.1	26.3
1985-89 . . . . .	28.4	29.1	23.2	29.4	25.9	15.9	14.5	28.7	24.8
<b>Suicide (E950-E959)</b>									
1955-59 . . . . .	19.2	14.5	19.4	16.2	4.6	14.7	15.2	11.8	5.8
1960-64 . . . . .	19.7	14.8	21.4	14.9	4.4	14.2	14.6	11.7	7.8
1965-69 . . . . .	19.2	16.9	21.0	16.1	3.9	12.0	12.3	10.0	8.3
1970-74 . . . . .	19.8	20.0	19.4	14.6	5.2	9.8	9.9	10.5	5.5
1975-79 . . . . .	20.2	21.3	17.6	16.0	8.2	10.2	10.2	11.0	6.0
1980-84 . . . . .	19.7	22.4	18.0	17.4	11.2	11.8	11.6	14.4	7.8
1985-89 . . . . .	20.6	21.5	20.7	21.0	13.0	12.0	11.6	15.9	12.4
<b>Homicide (E960-E969)</b>									
1955-59 . . . . .	7.5	1.4	1.8	1.0	0.2	0.5	0.5	0.6	0.5
1960-64 . . . . .	8.2	1.8	1.9	1.0	0.3	0.6	0.6	1.0	0.5
1965-69 . . . . .	11.7	2.1	1.7	1.2	0.5	0.8	0.7	1.5	0.7
1970-74 . . . . .	16.0	3.2	2.4	1.4	0.8	1.3	1.0	1.8	11.9
1975-79 . . . . .	15.1	3.5	2.4	1.9	1.2	1.8	1.3	2.5	18.5
1980-84 . . . . .	14.4	3.0	2.5	1.6	1.4	1.1	0.7	2.0	8.2
1985-89 . . . . .	12.7	2.6	2.5	2.7	1.1	1.2	0.8	3.4	9.4



**Table 4-1. Age-adjusted 5-year mortality rates among males for selected causes: English-speaking countries, 1955-89—Continued**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
Symptoms, signs, and ill-defined conditions (780-799)									
1955-59 .....	17.3	17.7	24.2	10.4	138.9	25.8	24.2	26.6	72.5
1960-64 .....	17.4	11.9	13.5	8.4	102.0	17.0	17.2	16.0	13.3
1965-69 .....	18.7	8.5	8.2	7.8	55.8	10.2	10.4	9.5	6.5
1970-74 .....	20.0	9.1	9.1	5.7	25.4	7.3	7.5	6.0	6.9
1975-79 .....	19.6	14.4	7.8	5.9	14.0	6.2	6.2	5.8	11.4
1980-84 .....	16.8	12.1	6.4	9.9	8.2	5.4	5.5	6.1	2.5
1985-89 .....	15.4	15.1	6.4	8.2	8.6	6.9	7.0	6.9	3.2

**Table 4-2. Age-adjusted 5-year mortality rates among males for selected causes: Western and Southern European countries, 1955-89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>All causes</b>										
1955-59	1,549.5	1,442.2	1,476.6	1,120.6	1,362.0	1,528.7	1,383.6	---	1,421.5	1,746.5
1960-64	1,508.0	1,447.4	1,453.3	1,125.2	1,329.0	1,446.0	1,349.6	1,111.1	1,298.2	1,573.7
1965-69	1,515.2	1,458.5	1,462.5	1,156.7	1,275.0	1,401.5	1,348.6	1,124.9	1,243.8	1,618.5
1970-74	1,483.9	1,423.9	1,440.5	1,170.1	1,187.9	1,286.3	1,290.2	1,006.7	1,194.0	1,610.8
1975-79	1,388.9	1,337.3	1,345.8	1,123.3	1,098.8	1,204.1	1,210.1	988.9	1,139.2	1,606.7
1980-84	1,300.5	1,259.6	1,238.9	1,069.0	1,040.7	1,132.7	1,148.8	965.9	1,008.7	1,300.7
1985-89	1,134.0	1,136.0	1,116.2	1,036.1	955.1	1,028.5	1,037.8	941.2	968.7	1,172.0
<b>Diseases of heart (390-398, 402, 404-429)</b>										
1955-59	397.8	283.7	299.0	316.7	395.0	279.4	341.6	---	212.4	287.4
1960-64	379.3	315.2	318.9	345.3	399.0	273.0	362.6	175.4	193.1	248.5
1965-69	386.5	388.3	364.5	359.7	375.8	260.8	377.9	198.3	223.3	252.4
1970-74	414.3	391.6	405.5	376.2	333.7	249.0	361.3	202.0	259.8	242.3
1975-79	427.0	350.1	407.0	367.8	356.0	236.1	348.9	218.2	252.0	262.0
1980-84	420.6	313.2	410.2	350.3	334.1	220.6	313.9	241.3	237.9	202.4
1985-89	366.7	268.0	367.3	311.3	294.6	198.6	255.5	279.6	217.2	187.7
<b>Ischemic heart disease (410-414)</b>										
1955-59	293.2	171.8	257.8	269.0	329.6	91.5	264.3	---	118.5	146.0
1960-64	299.0	175.8	279.3	292.1	328.4	114.2	280.6	117.5	110.4	179.7
1965-69	293.0	227.0	272.3	298.0	285.9	111.1	247.7	122.6	96.3	208.5
1970-74	284.0	240.3	259.8	291.3	164.5	113.5	198.2	107.7	102.8	153.1
1975-79	308.1	219.1	276.8	283.6	181.3	116.9	206.8	128.4	125.9	140.3
1980-84	244.3	187.4	259.2	252.3	182.4	112.6	171.8	124.2	114.7	119.2
1985-89	226.1	157.4	239.3	225.4	169.0	105.3	144.6	132.9	110.1	110.1
<b>Cerebrovascular diseases (430-438)</b>										
1955-59	180.6	78.6	211.4	137.7	163.6	167.7	195.0	---	159.0	200.5
1960-64	189.7	91.7	205.7	124.5	150.2	160.4	181.4	112.0	165.3	223.1
1965-69	191.8	158.3	199.4	122.5	137.8	158.5	175.4	128.4	162.9	267.5
1970-74	192.4	164.4	182.1	112.6	120.2	155.7	161.8	127.4	165.9	310.6
1975-79	174.7	138.0	158.0	101.0	111.5	129.7	149.1	140.5	168.5	334.6
1980-84	166.3	113.2	139.4	88.1	92.4	107.3	136.2	146.7	137.0	284.8
1985-89	138.7	87.7	111.1	78.0	72.6	83.9	122.0	139.2	111.7	245.6

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 4-2. Age-adjusted 5-year mortality rates among males for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>Malignant neoplasms—all sites (140-208)</b>										
1955-59 .....	282.5	234.4	237.2	228.7	255.4	232.8	186.6	---	160.4	138.7
1960-64 .....	289.5	262.9	253.2	251.0	254.6	257.8	210.3	170.7	189.2	156.6
1965-69 .....	292.9	281.1	266.2	272.9	259.5	272.2	232.5	184.2	194.1	173.1
1970-74 .....	291.0	296.3	270.5	286.9	270.2	278.7	251.7	186.6	205.0	186.8
1975-79 .....	283.2	313.1	278.2	300.6	268.2	292.6	259.7	210.7	221.9	198.9
1980-84 .....	279.8	326.0	278.8	308.1	274.0	302.7	280.2	213.2	228.4	199.5
1985-89 .....	265.7	316.4	278.9	309.0	271.9	306.7	290.0	217.2	244.2	208.4
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>										
1955-59 .....	29.6	33.6	23.1	26.5	31.8	28.7	15.8	---	10.8	13.9
1960-64 .....	28.9	34.8	26.0	27.5	30.0	29.6	19.2	7.8	14.2	16.0
1965-69 .....	32.1	34.9	31.0	28.5	31.6	30.5	22.5	7.7	14.3	18.5
1970-74 .....	36.8	34.2	34.9	29.3	32.3	31.3	25.8	8.8	15.7	21.1
1975-79 .....	37.7	33.3	36.7	30.9	30.5	31.5	25.7	9.7	17.5	24.4
1980-84 .....	36.2	32.7	34.9	30.2	30.7	29.4	23.2	8.9	16.1	19.7
1985-89 .....	34.8	32.9	34.7	31.1	30.4	28.9	24.8	9.9	19.9	22.4
<b>Malignant neoplasms—respiratory (161-162)</b>										
1955-59 .....	70.6	48.6	45.7	52.5	46.3	38.9	29.7	---	27.7	17.4
1960-64 .....	77.9	66.4	58.1	69.9	52.3	49.2	40.9	45.6	35.0	20.9
1965-69 .....	81.7	82.5	66.1	87.0	61.1	57.9	54.7	53.8	39.6	24.8
1970-74 .....	81.2	100.9	71.1	102.6	68.4	64.2	67.1	58.4	45.7	28.0
1975-79 .....	81.2	116.0	76.0	114.8	75.7	73.6	78.4	69.6	56.4	33.0
1980-84 .....	79.8	124.6	77.7	119.8	76.2	78.0	90.1	73.0	64.3	38.6
1985-89 .....	73.9	122.6	77.1	117.3	72.9	80.1	94.8	78.1	73.4	43.5
<b>Malignant neoplasms—prostate (185)</b>										
1955-59 .....	21.4	22.3	19.4	22.2	25.6	22.7	12.3	---	12.5	15.0
1960-64 .....	22.8	26.4	20.6	24.0	27.4	26.2	14.5	7.9	18.0	17.2
1965-69 .....	24.0	26.8	22.7	26.4	29.2	27.2	16.2	9.6	18.7	20.6
1970-74 .....	24.5	26.5	25.3	26.2	33.5	25.6	17.9	10.5	20.8	23.0
1975-79 .....	25.7	29.0	27.9	27.8	32.5	25.9	17.9	11.7	22.0	23.9
1980-84 .....	26.6	30.7	28.2	28.7	36.8	27.8	19.0	12.9	21.8	22.4
1985-89 .....	28.2	28.9	29.3	31.0	39.7	30.1	20.1	14.1	22.7	22.3

**Table 4-2. Age-adjusted 5-year mortality rates among males for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>Diabetes mellitus (250)</b>										
1955-59	6.5	16.0	9.8	12.2	11.9	10.4	12.1	---	8.0	9.1
1960-64	7.9	15.2	11.5	12.9	15.8	12.5	14.6	13.8	9.9	10.2
1965-69	13.7	22.0	17.9	13.8	19.0	15.5	17.9	19.1	11.7	11.7
1970-74	12.6	21.4	25.5	10.9	23.5	13.2	18.8	22.1	15.1	11.4
1975-79	12.2	20.8	22.0	10.3	15.5	13.2	17.6	25.5	17.1	9.8
1980-84	11.8	15.3	13.9	8.7	16.0	10.8	23.9	26.2	16.6	13.1
1985-89	14.3	12.2	12.6	19.2	14.9	9.6	22.4	10.5	16.9	18.5
<b>Pneumonia (480-486)</b>										
1955-59	64.2	33.0	52.7	29.5	31.9	56.8	68.0	---	77.0	109.8
1960-64	55.0	32.9	43.4	22.8	30.2	38.1	54.5	37.9	56.0	113.0
1965-69	42.4	33.9	35.9	22.0	29.2	26.9	50.1	40.5	45.3	117.5
1970-74	46.2	33.8	32.2	31.4	27.9	21.5	42.5	33.5	47.7	90.2
1975-79	40.3	30.5	28.5	23.6	25.9	16.7	31.7	25.8	41.7	60.7
1980-84	27.2	31.1	25.7	24.8	18.0	11.9	24.0	16.4	29.6	35.4
1985-89	19.2	26.7	22.9	22.4	21.2	20.3	16.4	11.0	22.7	31.5
<b>Influenza (487)</b>										
1955-59	16.4	11.4	15.2	14.6	24.7	16.5	8.6	---	19.1	11.8
1960-64	14.3	11.9	13.5	9.7	20.1	17.1	5.7	18.2	18.0	6.7
1965-69	8.8	7.9	7.7	6.5	14.6	19.2	7.4	11.4	13.8	7.7
1970-74	6.0	7.2	5.3	6.3	12.5	12.0	5.4	8.5	15.0	12.9
1975-79	4.6	4.8	2.3	5.0	8.5	6.1	3.1	5.4	9.7	7.1
1980-84	2.4	1.7	0.9	1.0	4.7	2.3	2.0	1.3	3.6	2.5
1985-89	1.6	2.4	0.6	1.7	3.8	1.6	0.9	0.2	1.5	0.7
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>										
1980-84	39.3	48.4	55.5	50.5	---	32.3	54.6	27.1	38.9	45.8
1985-89	39.1	53.5	51.6	61.2	---	32.0	50.5	15.7	49.9	39.1
<b>Chronic liver disease and cirrhosis (571)</b>										
1955-59	28.7	11.6	22.2	5.4	25.1	43.5	27.4	---	24.3	46.3
1960-64	36.4	12.7	29.2	5.5	26.9	48.6	34.9	26.7	29.0	44.4
1965-69	44.7	14.4	33.7	5.5	29.2	55.4	44.2	28.7	35.3	58.0
1970-74	50.3	16.6	38.3	6.5	26.7	54.0	51.8	23.6	37.9	54.1
1975-79	51.5	18.0	41.5	7.7	21.6	50.2	53.1	19.0	39.5	60.8
1980-84	48.4	17.3	36.4	7.7	20.1	41.1	48.9	15.7	35.8	52.6
1985-89	43.1	16.0	30.1	7.4	16.4	31.1	39.9	13.4	32.6	45.0



**Table 4-2. Age-adjusted 5-year mortality rates among males for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>										
1955-59 .....	40.1	23.4	40.5	25.0	35.1	32.0	29.7	---	9.8	13.7
1960-64 .....	41.1	31.6	42.9	29.6	39.9	33.6	36.3	13.5	15.5	19.9
1965-69 .....	49.0	39.4	43.5	34.6	37.3	40.6	38.0	19.3	19.6	31.3
1970-74 .....	57.9	43.0	43.0	34.6	40.4	37.8	40.9	20.9	23.7	48.7
1975-79 .....	46.1	35.2	33.1	24.5	29.9	32.3	31.6	29.0	27.8	56.4
1980-84 .....	37.7	32.4	24.9	17.1	26.8	29.4	27.5	29.0	22.8	51.8
1985-89 .....	28.0	28.7	17.5	13.2	21.4	25.7	23.5	29.2	27.0	43.0
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>										
1955-59 .....	67.2	54.5	49.3	31.0	57.6	59.2	35.7	---	38.0	49.0
1960-64 .....	58.3	44.9	43.9	31.0	57.9	58.7	36.8	38.2	39.1	47.1
1965-69 .....	56.1	42.2	40.1	31.5	52.2	59.8	32.4	37.2	37.6	47.0
1970-74 .....	56.0	39.6	37.6	26.7	44.6	60.2	31.1	34.0	37.5	44.8
1975-79 .....	48.5	35.9	30.9	22.9	35.6	53.4	29.9	30.3	32.0	45.3
1980-84 .....	43.1	32.7	26.1	19.4	35.8	50.0	28.1	29.4	29.0	41.2
1985-89 .....	36.2	23.1	19.7	16.8	35.3	42.2	24.7	28.7	27.5	30.4
<b>Suicide (E450-E459)</b>										
1955-59 .....	35.0	21.1	27.2	9.8	34.2	28.0	11.0	---	9.8	20.3
1960-64 .....	33.9	21.5	27.3	9.9	28.6	26.5	9.1	5.7	9.5	19.2
1965-69 .....	34.4	22.0	29.7	10.2	29.0	26.0	8.8	5.4	8.3	19.7
1970-74 .....	36.2	22.5	29.2	11.8	29.8	25.0	8.9	4.7	7.5	16.7
1975-79 .....	37.1	25.5	29.8	12.7	34.5	25.5	9.3	4.2	7.2	17.5
1980-84 .....	40.9	30.3	28.5	14.5	35.2	31.0	10.9	5.2	8.7	14.6
1985-89 .....	38.5	30.7	24.8	13.8	32.4	31.7	11.4	5.7	11.3	14.2
<b>Homicide (E960-E969)</b>										
1955-59 .....	1.4	0.7	1.2	0.4	0.9	2.5	2.1	---	0.8	2.1
1960-64 .....	1.3	0.6	1.2	0.5	0.7	2.2	1.6	1.9	0.2	1.9
1965-69 .....	1.2	0.8	1.4	0.6	0.7	1.0	1.3	1.2	0.3	1.8
1970-74 .....	1.8	1.3	1.6	0.8	1.0	1.1	1.6	0.9	0.6	1.7
1975-79 .....	1.6	1.3	1.4	1.1	0.9	1.3	2.4	1.0	1.3	3.0
1980-84 .....	1.8	1.9	1.3	1.2	1.3	1.5	3.2	1.2	1.7	2.4
1985-89 .....	1.4	2.0	1.2	1.2	1.2	1.4	2.8	1.3	1.6	2.2

**Table 4-2. Age-adjusted 5-year mortality rates among males for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
Symptoms, signs, and ill-defined conditions (780-799)										
1955-59 .....	57.1	196.4	130.0	60.3	24.1	256.4	102.4	---	247.5	351.9
1960-64 .....	62.3	139.9	103.3	50.7	23.8	205.9	69.2	201.4	173.9	261.8
1965-69 .....	36.7	100.1	77.8	44.0	23.1	166.2	54.5	164.2	136.1	276.0
1970-74 .....	27.0	115.2	58.9	46.7	16.4	107.0	43.7	109.2	81.2	282.4
1975-79 .....	29.3	103.3	47.4	53.3	12.6	82.8	37.2	79.9	51.6	281.9
1980-84 .....	12.8	67.3	30.5	40.3	13.2	67.4	28.0	58.6	32.9	165.4
1985-89 .....	9.3	70.1	29.7	38.6	16.6	58.6	24.5	61.6	23.4	131.0

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 4-3. Age-adjusted 5-year mortality rates among males for selected causes: Eastern European countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>All causes</b>								
1955-59	---	---	1,435.3	---	1,489.8	---	---	---
1960-64	---	---	1,430.2	---	1,437.9	1,432.5	1,263.1	1,432.7
1965-69	---	1,227.7	1,487.6	---	1,436.7	1,375.0	1,276.0	1,392.6
1970-74	---	1,299.5	1,565.1	1,429.1	1,497.1	1,412.9	1,391.3	1,423.2
1975-79	---	1,331.2	1,549.2	1,433.4	1,545.4	1,417.2	1,352.0	1,326.7
1980-84	---	1,351.6	1,594.4	1,427.9	1,676.9	1,469.7	1,446.6	1,384.1
1985-89	1,535.6	1,412.2	1,520.2	1,366.6	1,624.9	1,522.0	1,453.7	1,298.3
<b>Diseases of heart (390-398, 402, 404-429)</b>								
1955-59	---	---	400.9	---	333.2	---	---	---
1960-64	---	---	339.8	---	392.8	253.5	332.9	290.3
1965-69	---	266.8	403.8	---	421.4	283.4	376.0	309.9
1970-74	---	334.8	443.5	372.7	469.9	338.5	485.0	339.9
1975-79	---	349.2	432.8	376.9	444.4	368.2	464.5	399.2
1980-84	---	362.4	468.6	375.8	452.8	359.5	458.4	449.5
1985-89	508.4	439.8	460.3	368.6	429.5	364.3	428.3	426.3
<b>Ischemic heart disease (410-414)</b>								
1955-59	---	---	290.0	---	254.8	---	---	---
1960-64	---	---	249.7	---	315.5	148.0	143.5	212.2
1965-69	---	202.0	320.3	---	339.5	163.5	181.6	166.8
1970-74	---	279.5	384.6	173.1	316.4	130.7	130.6	117.9
1975-79	---	297.1	389.8	184.4	321.5	161.1	147.6	135.6
1980-84	---	244.8	381.7	218.1	335.2	164.4	199.1	129.5
1985-89	475.9	287.7	389.3	228.4	329.8	182.2	233.1	135.1
<b>Cerebrovascular diseases (430-438)</b>								
1955-59	---	---	136.2	---	181.9	---	---	---
1960-64	---	---	137.5	---	186.3	63.2	143.7	104.1
1965-69	---	218.2	169.3	---	201.6	51.3	170.8	118.4
1970-74	---	235.7	217.6	79.4	192.6	62.7	184.3	124.7
1975-79	---	255.5	226.2	76.3	205.6	80.6	181.7	127.2
1980-84	---	270.9	226.1	105.6	240.3	75.5	188.7	144.0
1985-89	246.9	261.0	210.3	107.1	213.9	83.8	204.3	153.5

**Table 4-3. Age-adjusted 5-year mortality rates among males for selected causes: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Malignant neoplasms—all sites (140-208)</b>								
1955-59	---	---	242.3	---	205.9	---	---	---
1960-64	---	---	273.4	---	228.3	180.9	179.7	139.2
1965-69	---	196.8	293.0	---	249.9	210.3	176.6	150.2
1970-74	---	186.5	304.4	241.3	277.5	230.2	179.7	172.2
1975-79	---	179.3	312.7	240.8	299.0	241.4	183.2	191.9
1980-84	---	184.1	319.4	243.3	324.3	268.2	177.9	211.4
1985-89	274.9	195.3	334.7	244.0	345.6	288.2	188.4	220.0
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>								
1955-59	---	---	21.8	---	17.8	---	---	---
1960-64	---	---	23.2	---	19.9	8.8	8.9	7.3
1965-69	---	10.9	28.0	---	24.0	11.7	8.8	9.1
1970-74	---	12.5	32.0	26.3	29.2	14.8	9.7	12.0
1975-79	---	15.7	36.1	27.0	33.9	16.6	11.0	14.8
1980-84	---	19.0	40.0	28.3	38.5	19.3	12.7	17.6
1985-89	21.8	22.3	45.6	29.2	42.6	21.7	14.0	19.6
<b>Malignant neoplasms—respiratory (161-162)</b>								
1955-59	---	---	58.5	---	38.8	---	---	---
1960-64	---	---	78.8	---	49.7	34.0	40.2	33.3
1965-69	---	57.4	91.5	---	62.2	49.4	44.2	40.1
1970-74	---	57.2	98.6	78.2	72.0	62.8	46.8	49.8
1975-79	---	56.0	104.9	79.0	85.0	76.6	50.2	58.8
1980-84	---	58.3	110.2	79.4	101.1	93.2	52.0	67.9
1985-89	96.2	62.6	114.2	76.3	115.1	106.3	59.5	74.6
<b>Malignant neoplasms—prostate (185)</b>								
1955-59	---	---	13.0	---	14.0	---	---	---
1960-64	---	---	13.9	---	18.8	8.3	12.7	8.4
1965-69	---	9.9	15.1	---	22.7	13.0	12.3	10.5
1970-74	---	10.4	16.9	15.0	26.2	13.7	13.7	11.9
1975-79	---	10.1	18.6	15.6	27.6	13.5	14.0	15.8
1980-84	---	11.2	20.0	17.0	26.6	14.4	12.0	16.8
1985-89	9.5	12.3	22.0	17.7	27.2	15.6	12.0	14.0



**Table 4-3. Age-adjusted 5-year mortality rates among males for selected causes: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Pneumonia (480-486)</b>								
1955-59	---	---	79.7	---	92.3	---	---	---
1960-64	---	---	44.1	---	40.8	55.3	83.2	63.5
1965-69	---	84.3	44.8	---	22.6	41.1	73.5	42.0
1970-74	---	81.7	45.1	22.2	15.9	41.9	81.2	44.6
1975-79	---	74.2	58.6	23.2	14.2	35.5	70.6	37.9
1980-84	---	63.9	58.5	26.4	17.8	28.6	63.6	38.1
1985-89	23.0	57.5	45.9	25.3	11.1	26.7	57.1	26.9
<b>Influenza (487)</b>								
1955-59	---	---	8.4	---	18.7	---	---	---
1960-64	---	---	10.9	---	17.9	5.2	17.1	18.3
1965-69	---	15.5	7.4	---	10.0	4.3	6.8	13.0
1970-74	---	15.1	11.3	3.0	10.0	9.3	8.2	7.6
1975-79	---	11.1	5.4	3.1	7.2	2.6	2.7	3.3
1980-84	---	3.2	3.5	1.1	3.0	0.4	0.5	1.1
1985-89	0.7	0.8	1.8	1.0	2.3	0.3	0.2	0.5
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>								
1980-84	---	46.8	72.1	74.0	87.4	60.8	115.0	43.3
1985-89	62.2	39.9	53.3	62.6	72.6	59.3	102.3	37.9
<b>Chronic liver disease and cirrhosis (571)</b>								
1955-59	---	---	11.8	---	12.5	---	---	---
1960-64	---	---	14.1	---	13.0	8.7	25.8	13.0
1965-69	---	8.4	19.0	---	15.4	12.6	29.1	19.3
1970-74	---	10.2	26.7	15.6	20.3	16.3	33.1	25.6
1975-79	---	13.8	29.3	18.6	31.0	19.8	36.5	29.1
1980-84	---	19.0	33.3	---	52.7	18.9	46.8	39.7
1985-89	---	26.9	33.4	25.9	68.1	17.8	49.4	31.0
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>								
1955-59	---	---	18.4	---	11.6	---	---	---
1960-64	---	---	23.5	---	14.2	11.5	---	---
1965-69	---	19.6	31.4	---	18.0	17.1	---	10.3
1970-74	---	20.9	32.5	22.6	28.3	7.8	---	---
1975-79	---	20.8	29.4	8.6	27.8	---	---	17.2
1980-84	---	19.1	18.8	17.1	24.9	17.8	---	34.8
1985-89	27.9	18.2	16.6	15.7	27.0	26.0	---	26.7

**Table 4-3. Age-adjusted 5-year mortality rates among males for selected causes: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>								
1955-59	---	---	55.2	---	44.8	---	---	---
1960-64	---	---	56.4	---	44.9	53.9	78.0	88.7
1965-69	---	44.5	53.8	---	47.1	59.3	85.2	72.9
1970-74	---	45.1	52.3	38.2	52.4	73.7	93.6	110.3
1975-79	---	45.4	54.1	78.1	58.5	90.8	100.8	76.6
1980-84	---	47.9	56.4	33.2	68.7	23.4	21.6	37.0
1985-89	82.0	48.5	56.2	35.3	69.1	57.0	103.5	35.6
<b>Suicide (E950-E959)</b>								
1955-59	---	---	34.0	---	36.9	---	---	---
1960-64	---	---	34.5	---	41.4	17.4	---	---
1965-69	---	16.1	37.5	---	48.7	20.0	---	10.2
1970-74	---	18.7	38.8	47.2	56.7	21.7	---	---
1975-79	---	21.0	35.3	---	61.7	23.0	---	9.7
1980-84	---	21.6	32.8	---	67.8	9.7	---	26.0
1985-89	36.7	23.5	30.3	---	65.6	23.1	3.6	26.1
<b>Homicide (E960-E969)</b>								
1955-59	---	---	1.6	---	4.3	---	---	---
1960-64	---	---	1.5	---	2.6	1.5	---	---
1965-69	---	3.5	1.6	---	2.6	1.4	---	2.5
1970-74	---	4.0	1.7	0.4	2.7	1.5	---	---
1975-79	---	3.5	1.2	---	2.6	1.7	---	1.4
1980-84	---	4.5	1.4	---	3.3	0.9	---	2.9
1985-89	12.1	3.9	1.3	---	3.5	2.5	1.1	2.4
<b>Symptoms, signs, and ill-defined conditions (780-790)</b>								
1955-59	---	---	85.0	---	145.8	---	---	---
1960-64	---	---	46.1	---	58.5	297.5	15.6	380.0
1965-69	---	76.7	31.1	---	14.0	179.7	3.5	378.7
1970-74	---	84.6	22.5	23.9	4.4	147.0	2.8	352.7
1975-79	---	88.9	17.1	22.3	1.0	126.7	2.4	192.4
1980-84	---	85.3	17.6	---	1.3	108.1	0.7	122.0
1985-89	11.3	60.2	12.4	---	1.4	103.0	0.5	110.4



**Table 4-4. Age-adjusted 5-year mortality rates among males for selected causes: Scandinavian and Asian countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	Denmark	Sweden	Norway	Finland	Japan	Hong Kong	Singapore	Israel
<b>All causes</b>								
1955-59 .....	1,168.0	1,142.3	1,068.9	1,676.7	1,596.1	---	---	---
1960-64 .....	1,199.4	1,133.5	1,119.9	1,665.7	1,493.2	1,393.2	---	---
1965-69 .....	1,205.5	1,117.3	1,129.7	1,698.3	1,351.3	1,319.6	---	---
1970-74 .....	1,174.6	1,093.5	1,138.0	1,585.2	1,212.4	1,331.4	---	---
1975-79 .....	1,148.9	1,094.2	1,092.4	1,438.4	1,038.4	1,109.4	1,760.7	1,086.3
1980-84 .....	1,155.4	1,030.0	1,057.9	1,286.2	936.1	941.3	1,324.0	1,027.7
1985-89 .....	1,113.7	968.3	1,043.0	1,224.5	842.6	833.4	1,200.9	964.9
<b>Diseases of heart (390-398, 402, 404-429)</b>								
1955-59 .....	393.5	377.3	304.3	537.1	156.3	---	---	---
1960-64 .....	421.3	412.3	360.7	607.6	180.1	214.1	---	---
1965-69 .....	456.0	421.4	378.7	643.0	190.1	222.2	---	---
1970-74 .....	437.6	441.9	401.0	601.5	198.0	210.0	---	---
1975-79 .....	433.1	441.2	381.8	558.0	187.2	200.4	376.5	387.0
1980-84 .....	410.2	428.8	373.2	494.6	176.8	151.0	303.3	363.7
1985-89 .....	374.4	378.0	363.0	452.8	164.0	133.9	292.2	326.5
<b>Ischemic heart disease (410-414)</b>								
1955-59 .....	314.4	317.7	244.9	449.7	99.2	---	---	---
1960-64 .....	356.0	360.5	313.1	516.1	114.5	100.7	---	---
1965-69 .....	407.5	371.0	335.6	536.5	104.7	108.0	---	---
1970-74 .....	397.9	405.0	338.6	473.1	78.0	84.8	---	---
1975-79 .....	396.6	406.6	317.3	460.3	71.9	100.0	261.4	328.8
1980-84 .....	367.9	381.6	308.1	419.9	65.4	88.8	248.6	265.3
1985-89 .....	326.6	318.8	302.2	387.7	54.0	87.8	230.4	230.0
<b>Cerebrovascular diseases (430-438)</b>								
1955-59 .....	142.7	144.0	150.8	205.5	337.4	---	---	---
1960-64 .....	136.5	128.8	155.7	197.1	368.8	169.2	---	---
1965-69 .....	121.4	108.7	156.7	207.3	362.4	150.9	---	---
1970-74 .....	105.1	97.7	148.2	170.6	323.4	135.7	---	---
1975-79 .....	92.4	92.7	121.7	139.9	252.4	136.4	187.8	124.9
1980-84 .....	87.8	83.3	106.8	122.9	185.4	112.4	133.4	99.8
1985-89 .....	79.4	76.6	96.7	115.7	127.1	84.6	114.9	78.8

**Table 4-4. Age-adjusted 5-year mortality rates among males for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Cause and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Malignant neoplasms—all sites (140-208)</b>								
1955-59 .....	234.7	183.5	186.6	274.3	184.5	---	---	---
1960-64 .....	247.0	198.2	189.1	281.5	198.8	194.3	---	---
1965-69 .....	242.5	196.4	195.9	280.2	206.5	222.6	---	---
1970-74 .....	252.3	219.3	202.7	282.0	208.7	239.6	---	---
1975-79 .....	259.3	229.1	215.4	276.7	212.4	270.3	320.4	195.4
1980-84 .....	280.2	208.0	224.0	265.8	221.8	256.1	275.3	182.4
1985-89 .....	278.5	201.2	230.3	246.5	228.0	257.3	267.9	178.5
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>								
1955-59 .....	39.9	24.8	19.2	13.8	10.1	---	---	---
1960-64 .....	40.6	26.6	20.2	15.9	11.0	15.5	---	---
1965-69 .....	36.5	25.7	22.7	16.7	12.7	18.6	---	---
1970-74 .....	35.7	29.3	24.6	18.8	15.0	20.3	---	---
1975-79 .....	37.6	28.9	26.7	19.4	17.4	22.4	30.2	24.4
1980-84 .....	38.3	25.2	30.0	20.0	20.0	21.1	26.4	23.5
1985-89 .....	37.2	24.5	31.7	19.8	22.4	22.6	29.4	23.3
<b>Malignant neoplasms—respiratory (161-162)</b>								
1955-59 .....	36.3	18.2	14.2	76.9	13.1	---	---	---
1960-64 .....	48.4	23.3	19.5	89.9	18.4	37.6	---	---
1965-69 .....	58.6	27.4	24.6	97.9	23.3	50.4	---	---
1970-74 .....	69.0	34.1	30.0	101.1	28.4	59.6	---	---
1975-79 .....	75.8	39.5	36.4	100.3	34.6	84.5	98.6	40.9
1980-84 .....	85.2	38.1	42.8	95.1	41.5	85.8	89.0	38.9
1985-89 .....	84.7	37.1	46.9	81.4	46.5	86.9	85.6	37.9
<b>Malignant neoplasms—prostate (185)</b>								
1955-59 .....	23.7	25.3	25.0	17.7	1.9	---	---	---
1960-64 .....	25.2	30.6	28.1	19.1	2.7	2.7	---	---
1965-69 .....	22.8	30.4	28.1	19.9	3.2	4.1	---	---
1970-74 .....	22.5	35.6	29.8	24.2	3.6	3.1	---	---
1975-79 .....	24.5	38.0	34.2	28.0	4.3	4.2	7.2	13.3
1980-84 .....	29.6	32.3	35.1	28.8	5.1	4.0	5.5	14.4
1985-89 .....	30.2	34.5	37.4	29.4	6.3	4.5	7.0	14.9



**Table 4-4. Age-adjusted 5-year mortality rates among males for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

 [Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Denmark	Sweden	Norway	Finland	Japan	Hong Kong	Singapore	Israel
<b>Pneumonia (480-486)</b>								
1955-59 .....	25.6	53.4	50.4	59.2	63.7	---	---	---
1960-64 .....	34.2	49.9	53.9	49.6	58.9	117.7	---	---
1965-69 .....	29.3	59.1	60.9	58.4	51.1	111.7	---	---
1970-74 .....	29.4	29.2	67.1	73.5	49.1	141.5	---	---
1975-79 .....	36.7	31.7	65.7	63.3	49.0	117.7	214.0	27.1
1980-84 .....	32.6	42.4	52.8	53.6	55.2	85.4	159.3	30.5
1985-89 .....	21.4	46.2	51.5	54.2	65.2	62.5	133.7	24.2
<b>Influenza (487)</b>								
1955-59 .....	7.3	4.1	2.5	20.2	5.4	---	---	---
1960-64 .....	5.6	4.1	2.3	12.5	6.7	3.5	---	---
1965-69 .....	6.4	3.1	4.0	13.3	4.5	2.8	---	---
1970-74 .....	5.7	2.3	4.1	10.9	2.9	2.4	---	---
1975-79 .....	5.3	3.3	4.0	7.4	1.8	0.1	6.4	1.1
1980-84 .....	3.1	1.2	2.0	3.8	0.7	0.0	1.3	0.1
1985-89 .....	2.1	1.6	2.0	2.5	0.3	0.0	0.4	0.1
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>								
1980-84 .....	---	---	---	---	23.6	77.8	118.9	33.4
1985-89 .....	---	21.3	29.0	39.4	21.6	79.4	112.5	34.7
<b>Chronic liver disease and cirrhosis (571)</b>								
1955-59 .....	7.0	6.1	4.1	6.1	21.4	---	---	---
1960-64 .....	7.8	7.0	4.5	6.0	22.8	24.0	---	---
1965-69 .....	8.0	8.9	5.1	6.4	23.4	21.8	---	---
1970-74 .....	11.9	12.9	5.3	7.9	26.8	25.6	---	---
1975-79 .....	13.7	16.9	6.4	9.7	27.1	17.3	20.7	11.9
1980-84 .....	15.7	12.3	7.5	10.2	24.7	15.0	16.0	11.9
1985-89 .....	18.1	9.1	9.2	13.5	21.2	10.8	12.7	11.8
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>								
1955-59 .....	25.0	21.2	13.1	21.7	16.3	---	---	---
1960-64 .....	28.0	23.7	15.9	34.0	28.2	13.2	---	---
1965-69 .....	34.3	23.5	18.6	39.0	32.0	12.5	---	---
1970-74 .....	31.8	21.5	20.6	37.0	31.5	15.0	---	---
1975-79 .....	22.3	18.2	17.0	24.0	18.8	13.1	25.0	23.8
1980-84 .....	17.7	13.7	14.1	17.4	16.6	11.9	23.3	15.9
1985-89 .....	18.5	13.1	13.2	17.5	16.2	7.5	17.6	15.5

**Table 4-4. Age-adjusted 5-year mortality rates among males for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	Denmark	Sweden	Norway	Finland	Japan	Hong Kong	Singapore	Israel
Unintentional injuries—all other (E800-E807, E826-E949)								
1955-59	35.2	37.9	53.7	68.0	52.6	---	---	---
1960-64	33.4	38.0	51.8	63.5	48.2	32.1	---	---
1965-69	30.5	36.2	48.4	67.4	42.8	23.9	---	---
1970-74	26.2	34.7	49.1	69.5	35.8	26.4	---	---
1975-79	24.6	37.0	44.2	61.3	28.3	19.3	15.5	27.1
1980-84	27.1	28.1	43.2	54.2	24.5	17.9	12.8	24.2
1985-89	30.8	25.9	42.4	61.9	21.3	14.0	14.3	33.6
Suicide (E950-E959)								
1955-59	32.7	29.1	12.6	42.0	36.0	---	---	---
1960-64	27.3	27.1	12.1	39.7	25.4	19.0	---	---
1965-69	26.7	30.4	12.3	39.8	20.7	17.9	---	---
1970-74	32.3	29.5	14.1	40.8	22.2	20.4	---	---
1975-79	31.4	27.2	17.0	43.2	24.2	16.9	20.7	10.6
1980-84	38.5	26.2	20.6	40.1	26.3	13.9	15.1	9.2
1985-89	34.1	25.1	22.3	43.6	25.3	15.1	20.3	11.8
Homicide (E960-E969)								
1955-59	0.5	0.8	0.5	3.8	2.8	---	---	---
1960-64	0.4	0.7	0.6	3.8	2.2	1.6	---	---
1965-69	0.5	1.0	0.7	3.5	1.8	2.3	---	---
1970-74	0.7	1.2	0.9	4.2	1.6	3.1	---	---
1975-79	0.6	1.5	1.1	4.9	1.4	1.9	2.1	2.6
1980-84	1.2	1.6	1.6	4.3	1.1	2.5	3.1	2.6
1985-89	1.3	1.8	1.7	4.2	0.9	1.6	2.3	2.7
Symptoms, signs, and ill-defined conditions (780-799)								
1955-59	17.6	47.2	82.5	85.2	250.4	---	---	---
1960-64	18.0	16.4	79.8	38.4	182.9	234.7	---	---
1965-69	15.8	9.9	74.5	16.0	130.6	173.3	---	---
1970-74	22.7	5.9	65.2	6.2	88.5	159.7	---	---
1975-79	34.8	5.5	62.1	3.9	56.1	83.0	167.3	68.6
1980-84	45.1	6.3	46.7	4.6	39.7	39.8	44.0	77.9
1985-89	48.3	9.1	39.3	6.1	29.4	15.9	23.4	57.5



**Table 4-5. Age-adjusted 5-year mortality rates among males for selected causes: Latin American countries, 1955-89**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>All causes</b>					
1955-1959 .....	---	1,975.2	---	---	1,346.5
1960-64 .....	---	1,824.8	1,203.4	---	1,374.4
1965-69 .....	1,481.2	1,797.0	1,268.6	---	1,492.3
1970-74 .....	---	1,703.0	1,147.0	999.9	1,536.5
1975-79 .....	---	1,443.0	1,037.1	---	1,369.3
1980-84 .....	1,275.6	1,348.8	966.3	962.2	1,312.7
1985-89 .....	1,237.6	1,229.5	1,121.2	949.8	1,268.4
<b>Diseases of heart (390-398, 402, 404-429)</b>					
1955-59 .....	---	231.0	---	---	297.7
1960-64 .....	---	241.3	190.4	---	323.6
1965-69 .....	370.8	282.7	234.3	---	380.3
1970-74 .....	---	273.0	235.4	294.6	410.9
1975-79 .....	---	230.3	214.5	---	359.5
1980-84 .....	412.1	234.5	229.3	294.4	315.5
1985-89 .....	399.9	214.0	279.8	288.3	296.6
<b>Ischemic heart disease (410-414)</b>					
1955-59 .....	---	137.0	---	---	234.3
1960-64 .....	---	164.7	121.6	---	267.7
1965-69 .....	268.0	197.5	156.2	---	303.0
1970-74 .....	---	175.6	121.4	240.2	299.3
1975-79 .....	---	163.7	143.8	---	263.0
1980-84 .....	165.6	158.0	169.0	248.4	207.2
1985-89 .....	142.5	145.4	220.3	249.4	177.3
<b>Cerebrovascular diseases (430-438)</b>					
1955-59 .....	---	129.9	---	---	146.2
1960-64 .....	---	130.6	79.0	---	152.9
1965-69 .....	148.9	145.7	96.2	---	170.9
1970-74 .....	---	141.7	83.7	102.5	180.3
1975-79 .....	---	129.4	78.9	---	148.8
1980-84 .....	124.9	130.2	74.8	88.7	135.6
1985-89 .....	121.0	114.9	95.7	90.2	128.2

**Table 4-5. Age-adjusted 5-year mortality rates among males for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>Malignant neoplasms—all sites (140-208)</b>					
1955-59 . . . . .	---	219.8	---	---	276.5
1960-64 . . . . .	---	217.8	236.7	---	289.0
1965-69 . . . . .	270.1	238.1	213.2	---	314.1
1970-74 . . . . .	---	240.1	186.7	202.3	320.9
1975-79 . . . . .	---	218.1	201.1	---	299.1
1980-84 . . . . .	226.3	216.0	211.5	194.6	292.6
1985-89 . . . . .	226.1	214.0	254.7	195.7	306.8
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>					
1955-59 . . . . .	---	8.1	---	---	24.1
1960-64 . . . . .	---	7.8	19.3	---	25.9
1965-69 . . . . .	25.3	10.3	7.9	---	31.4
1970-74 . . . . .	---	11.4	6.8	15.3	32.8
1975-79 . . . . .	---	10.9	8.1	---	28.6
1980-84 . . . . .	19.9	10.7	8.5	14.2	27.0
1985-89 . . . . .	21.0	10.8	11.7	15.1	28.5
<b>Malignant neoplasms—respiratory (161-162)</b>					
1955-59 . . . . .	---	20.6	---	---	59.4
1960-64 . . . . .	---	21.4	11.9	---	66.2
1965-69 . . . . .	72.6	26.5	13.1	---	73.9
1970-74 . . . . .	---	30.1	15.3	67.0	76.7
1975-79 . . . . .	---	32.0	20.8	---	80.2
1980-84 . . . . .	66.4	34.2	27.7	67.3	87.0
1985-89 . . . . .	64.8	34.6	31.2	67.8	90.6
<b>Malignant neoplasms—prostate (185)</b>					
1955-59 . . . . .	---	12.8	---	---	24.2
1960-64 . . . . .	---	13.6	13.7	---	25.5
1965-69 . . . . .	22.1	17.3	17.5	---	30.2
1970-74 . . . . .	---	18.1	13.7	24.6	30.9
1975-79 . . . . .	---	18.4	17.4	---	28.4
1980-84 . . . . .	18.6	19.4	21.0	27.1	28.1
1985-89 . . . . .	21.6	22.0	32.2	30.1	32.5



**Table 4-5. Age-adjusted 5-year mortality rates among males for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>Diabetes mellitus (250)</b>					
1955-59 .....	---	16.0	---	---	17.3
1960-64 .....	---	16.0	16.3	---	20.0
1965-69 .....	28.9	16.7	19.7	---	25.1
1970-74 .....	---	24.5	26.3	13.4	28.6
1975-79 .....	---	26.5	26.5	---	23.4
1980-84 .....	22.3	24.5	14.1	13.9	21.8
1985-89 .....	23.7	19.9	18.3	17.7	20.9
<b>Pneumonia (480-486)</b>					
1955-59 .....	---	237.5	---	---	28.1
1960-64 .....	---	197.9	57.0	---	30.4
1965-69 .....	36.0	179.7	57.5	---	28.9
1970-74 .....	---	149.1	65.3	61.2	29.0
1975-79 .....	---	93.3	40.1	---	25.7
1980-84 .....	32.1	73.1	30.4	67.7	24.3
1985-89 .....	30.6	92.1	33.8	53.9	25.4
<b>Influenza (487)</b>					
1955-59 .....	---	56.3	---	---	16.0
1960-64 .....	---	33.3	12.9	---	11.6
1965-69 .....	4.0	33.7	12.7	---	12.6
1970-74 .....	---	20.2	9.0	1.6	7.0
1975-79 .....	---	8.9	5.7	---	4.8
1980-84 .....	0.4	6.1	1.5	0.3	2.3
1985-89 .....	0.1	2.2	0.7	0.2	1.3
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>					
1980-84 .....	---	---	---	---	---
1985-89 .....	---	---	---	---	---
<b>Chronic liver disease and cirrhosis (571)</b>					
1955-59 .....	---	55.8	---	---	15.8
1960-64 .....	---	85.0	17.7	---	18.7
1965-69 .....	33.1	93.9	18.4	---	20.0
1970-74 .....	---	103.9	16.7	12.2	21.1
1975-79 .....	---	89.7	16.6	---	15.3
1980-84 .....	26.5	81.5	18.0	10.3	17.0
1985-89 .....	21.8	65.4	23.9	9.2	17.4

**Table 4-5. Age-adjusted 5-year mortality rates among males for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>					
1955-59 .....	---	12.7	---	---	10.6
1960-64 .....	---	15.0	16.4	---	10.4
1965-69 .....	27.7	32.1	27.2	---	11.5
1970-74 .....	---	39.8	36.2	19.1	12.0
1975-79 .....	---	24.4	44.9	---	10.3
1980-84 .....	20.6	21.8	28.7	---	17.7
1985-89 .....	16.1	13.8	30.0	---	17.5
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>					
1955-59 .....	---	130.2	---	---	48.5
1960-64 .....	---	137.9	59.7	---	51.7
1965-69 .....	47.5	101.5	58.5	---	50.6
1970-74 .....	---	42.5	49.9	32.4	63.4
1975-79 .....	---	37.8	52.7	---	53.8
1980-84 .....	42.7	40.8	45.3	<sup>1</sup> 81.0	53.2
1985-89 .....	38.2	35.0	48.3	<sup>1</sup> 110.1	49.2
<b>Suicide (E950-E959)</b>					
1955-59 .....	---	13.9	---	---	20.6
1960-64 .....	---	12.3	7.7	---	18.4
1965-69 .....	17.4	11.7	8.3	---	19.2
1970-74 .....	---	12.8	7.8	26.5	19.3
1975-79 .....	---	12.1	9.7	---	19.3
1980-84 .....	12.6	12.2	10.4	---	19.6
1985-89 .....	13.2	11.8	11.4	---	16.9
<b>Homicide (E960-E969)</b>					
1955-59 .....	---	9.4	---	---	8.4
1960-64 .....	---	7.2	7.8	---	7.9
1965-69 .....	10.6	10.3	6.9	---	7.4
1970-74 .....	---	10.3	8.4	5.7	6.6
1975-79 .....	---	5.0	10.1	---	4.5
1980-84 .....	6.9	6.2	9.9	---	4.5
1985-89 .....	9.8	6.1	8.4	---	5.6

<sup>1</sup>Includes unintentional injuries—motor vehicles crashes.



**Table 4-5. Age-adjusted 5-year mortality rates among males for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
Signs, symptoms, and ill-defined conditions (780-799)					
1955-59 . . . . .	---	270.5	---	---	105.5
1960-64 . . . . .	---	195.3	153.1	---	104.3
1965-69 . . . . .	123.6	150.4	113.3	---	105.4
1970-74 . . . . .	---	130.5	108.0	5.9	103.2
1975-79 . . . . .	---	170.8	89.6	---	96.3
1980-84 . . . . .	32.7	125.3	67.8	2.8	102.2
1985-89 . . . . .	29.4	102.2	37.9	2.1	89.2

**Females**



**Table 4-6. Age-adjusted 5-year mortality rates among females for selected causes: English-speaking countries, 1955-89**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>All causes</b>									
1955-59 .....	940.6	939.6	958.0	955.5	1,161.3	988.5	969.3	1,142.9	1,131.4
1960-64 .....	914.1	866.8	913.9	929.3	1,081.9	947.4	932.3	1,070.4	1,045.1
1965-69 .....	883.0	802.1	904.4	909.3	1,033.0	894.9	882.0	1,001.2	974.9
1970-74 .....	808.3	732.1	877.3	882.2	1,005.8	865.5	853.2	957.1	979.6
1975-79 .....	697.2	663.9	741.1	817.9	940.6	828.3	816.0	920.0	950.1
1980-84 .....	664.1	608.5	652.4	745.4	862.1	760.1	747.5	863.9	833.2
1985-89 .....	647.5	577.8	611.4	716.5	799.5	712.6	700.7	814.6	783.7
<b>Diseases of heart (390-398, 402, 404-429)</b>									
1955-59 .....	366.3	328.2	319.9	322.9	371.0	321.8	312.6	397.2	392.4
1960-64 .....	353.7	311.0	324.8	314.2	353.3	303.8	295.9	363.9	381.7
1965-69 .....	337.1	284.5	327.2	304.5	331.8	275.5	269.0	323.7	342.1
1970-74 .....	303.1	249.4	309.7	273.3	298.2	260.4	254.6	302.1	325.6
1975-79 .....	254.1	221.4	257.0	252.9	294.1	246.9	241.4	284.4	321.4
1980-84 .....	241.5	196.5	217.7	230.8	277.7	224.0	218.7	263.5	271.4
1985-89 .....	220.6	168.7	197.0	210.7	248.8	199.3	193.7	242.9	248.4
<b>Ischemic heart disease (410-414)</b>									
1955-59 .....	283.0	258.1	248.1	228.0	283.0	254.9	246.1	334.9	296.8
1960-64 .....	284.7	257.6	259.5	235.0	264.2	239.1	231.3	306.1	288.6
1965-69 .....	285.9	242.9	257.8	229.5	228.8	204.7	198.2	260.7	244.7
1970-74 .....	266.6	213.0	239.4	211.5	208.1	183.1	176.7	236.5	227.1
1975-79 .....	212.4	185.6	199.5	196.5	204.2	181.5	175.7	227.3	231.4
1980-84 .....	168.6	155.8	167.4	181.3	182.4	167.9	162.8	208.6	205.2
1985-89 .....	143.9	130.3	152.8	167.1	178.0	161.4	156.4	201.9	197.2
<b>Cerebrovascular diseases (430-438)</b>									
1955-59 .....	137.8	142.8	171.4	157.8	147.5	166.8	161.8	212.5	186.8
1960-64 .....	129.7	125.0	161.4	152.1	152.5	159.5	154.9	200.8	182.9
1965-69 .....	120.2	107.0	162.0	152.6	162.4	151.4	146.4	199.2	167.8
1970-74 .....	106.5	92.6	165.5	158.7	166.4	142.6	138.1	180.6	175.8
1975-79 .....	79.8	77.7	129.9	131.8	148.8	124.4	120.4	156.8	163.0
1980-84 .....	62.7	62.3	101.1	105.3	119.7	106.2	102.7	136.8	130.1
1985-89 .....	52.4	52.1	81.7	87.8	97.9	95.9	93.4	118.9	107.1

**Table 4-6. Age-adjusted 5-year mortality rates among females for selected causes: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>Malignant neoplasms—all sites (140-208)</b>									
1955-59 . . . . .	160.4	167.8	146.9	161.3	160.6	169.3	167.5	187.2	170.4
1960-64 . . . . .	155.8	164.0	143.9	161.2	162.6	168.6	167.2	185.0	157.4
1965-69 . . . . .	155.4	161.4	144.1	161.1	170.6	171.6	170.4	185.5	165.4
1970-74 . . . . .	154.5	160.4	150.3	171.3	182.8	176.2	175.1	189.4	170.6
1975-79 . . . . .	153.7	156.7	146.3	177.4	183.4	180.6	179.4	193.4	176.5
1980-84 . . . . .	157.9	158.9	148.0	177.0	181.7	183.6	182.3	198.4	173.4
1985-89 . . . . .	161.3	164.2	151.0	183.1	187.8	189.6	188.5	202.4	180.7
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>									
1955-59 . . . . .	26.8	32.1	27.8	30.1	26.3	30.3	29.7	36.0	30.2
1960-64 . . . . .	25.9	30.8	26.4	29.1	26.3	28.1	27.6	33.1	26.5
1965-69 . . . . .	24.8	29.7	26.5	30.3	28.0	27.6	27.1	32.3	29.9
1970-74 . . . . .	23.6	28.7	27.1	31.8	30.5	27.2	26.7	31.0	30.4
1975-79 . . . . .	22.2	25.8	25.9	34.9	29.8	26.2	25.8	29.7	29.6
1980-84 . . . . .	20.4	22.0	24.8	32.4	26.5	24.0	23.7	26.0	25.8
1985-89 . . . . .	19.2	20.2	24.3	32.1	25.9	23.2	22.9	25.0	25.6
<b>Malignant neoplasms—respiratory (161-162)</b>									
1955-59 . . . . .	6.5	5.7	5.0	5.9	9.5	10.9	10.8	12.5	9.6
1960-64 . . . . .	7.8	6.4	5.9	7.4	10.6	13.1	13.1	14.2	9.2
1965-69 . . . . .	10.8	8.4	7.3	8.5	13.5	16.4	16.4	18.1	12.0
1970-74 . . . . .	15.5	11.5	10.1	14.2	18.5	20.0	19.8	23.3	14.3
1975-79 . . . . .	20.9	16.0	17.2	21.6	18.9	12.6	23.9	23.5	28.9
1980-84 . . . . .	27.5	22.0	20.3	25.7	21.8	15.4	27.7	27.0	35.5
1985-89 . . . . .	33.4	28.6	24.0	27.7	24.9	17.5	30.8	30.0	40.2
<b>Malignant neoplasms—female breast (174)</b>									
1955-59 . . . . .	30.5	32.3	28.1	31.3	27.7	33.4	33.6	32.9	27.8
1960-64 . . . . .	30.5	33.5	27.8	32.1	29.1	34.4	34.6	34.2	27.4
1965-69 . . . . .	31.4	33.8	27.8	33.5	31.3	35.5	35.7	34.6	31.9
1970-74 . . . . .	31.6	33.9	29.0	35.5	34.6	37.9	38.1	37.2	33.6
1975-79 . . . . .	31.1	33.1	28.1	34.9	36.2	39.3	39.5	37.7	37.0
1980-84 . . . . .	31.4	33.0	28.6	36.5	37.2	40.4	40.6	39.5	36.1
1985-89 . . . . .	31.9	34.5	29.2	37.9	39.0	41.8	42.1	39.8	37.9



**Table 4-6. Age-adjusted 5-year mortality rates among females for selected causes: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>Diabetes mellitus (250)</b>									
1955-59 .....	22.0	18.3	18.2	15.6	8.6	8.2	7.7	12.6	8.0
1960-64 .....	22.1	19.1	17.5	16.4	9.9	8.5	8.2	12.1	8.4
1965-69 .....	22.6	19.6	18.9	16.9	11.2	9.2	8.7	14.0	10.2
1970-74 .....	21.1	19.3	18.2	18.7	13.3	9.5	9.0	13.0	11.3
1975-79 .....	16.2	15.4	13.5	15.5	11.6	8.2	8.0	10.9	5.8
1980-84 .....	15.0	13.4	11.8	12.6	8.7	7.3	7.2	8.5	7.5
1985-89 .....	15.3	13.6	11.9	11.8	10.3	9.7	10.1	7.4	3.7
<b>Pneumonia (480-486)</b>									
1955-59 .....	27.3	33.9	35.8	40.2	33.6	45.1	45.6	38.7	49.0
1960-64 .....	29.5	31.2	32.5	49.9	39.9	53.8	55.1	40.1	49.3
1965-69 .....	28.6	28.5	29.2	52.5	47.4	60.8	62.7	42.5	49.8
1970-74 .....	23.3	24.1	22.2	43.4	66.4	68.6	70.7	47.9	61.4
1975-79 .....	18.0	19.7	16.8	38.4	60.4	76.3	78.7	53.5	61.6
1980-84 .....	16.7	17.9	11.7	36.3	62.0	67.0	67.7	56.8	77.4
1985-89 .....	20.3	19.1	9.1	38.3	53.1	37.3	34.7	51.9	91.1
<b>Influenza (487)</b>									
1955-59 .....	2.6	8.1	3.3	5.6	18.2	8.7	8.7	7.7	13.9
1960-64 .....	2.7	4.7	1.8	4.4	14.9	5.7	5.8	4.2	9.8
1965-69 .....	2.3	3.9	1.9	1.5	11.8	5.2	5.1	4.8	8.2
1970-74 .....	1.7	3.2	3.0	3.1	9.5	4.9	4.7	5.4	9.2
1975-79 .....	1.6	2.5	1.9	3.2	5.9	3.9	3.8	4.9	5.0
1980-84 .....	0.7	1.2	1.1	2.8	1.8	1.0	0.9	2.1	1.6
1985-89 .....	0.6	0.9	1.1	2.1	1.5	1.1	1.1	2.1	1.2
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>									
1980-84 .....	15.5	11.9	18.7	27.9	36.4	21.1	20.9	23.1	22.0
1985-89 .....	21.0	15.6	22.3	32.2	39.6	25.1	24.9	27.0	24.1
<b>Chronic liver disease and cirrhosis (571)</b>									
1955-59 .....	8.4	5.1	4.0	2.8	1.9	2.3	2.1	3.7	3.1
1960-64 .....	9.2	5.8	3.9	2.4	1.7	2.4	2.2	3.7	2.6
1965-69 .....	11.2	6.6	4.0	2.6	2.3	2.5	2.4	3.4	3.2
1970-74 .....	12.1	8.3	4.8	3.8	2.9	2.8	2.7	4.0	3.7
1975-79 .....	10.4	8.9	5.2	4.3	3.2	3.3	3.1	5.1	3.8
1980-84 .....	9.0	7.3	4.9	3.1	3.0	3.9	3.6	6.6	4.3
1985-89 .....	7.5	5.7	4.3	2.5	2.7	4.4	4.2	6.2	3.9

**Table 4-6. Age-adjusted 5-year mortality rates among females for selected causes: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>Unintentional injuries—motor vehicles crashes (E810-E819)</b>									
1955-59 .....	11.8	11.0	10.9	7.9	3.3	5.4	5.5	5.2	4.6
1960-64 .....	12.5	12.5	13.1	8.8	4.5	7.1	7.1	6.9	7.0
1965-69 .....	15.0	14.9	15.4	11.7	5.9	7.8	7.7	8.2	7.2
1970-74 .....	13.9	15.0	15.6	14.1	8.8	7.9	7.7	8.7	10.7
1975-79 .....	11.4	12.5	14.1	12.6	8.8	6.7	6.4	8.4	10.4
1980-84 .....	10.4	9.8	10.9	11.5	8.2	5.2	5.0	6.3	5.4
1985-89 .....	10.7	9.0	10.0	13.0	6.3	4.8	4.7	5.7	6.5
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>									
1955-59 .....	25.5	25.7	25.8	23.7	18.1	22.2	21.4	30.0	21.6
1960-64 .....	22.9	22.4	22.6	27.0	19.8	21.5	20.7	29.6	21.7
1965-69 .....	21.6	21.1	21.6	27.5	22.1	19.3	18.9	23.6	18.4
1970-74 .....	18.3	19.8	19.1	31.4	24.1	16.8	16.1	21.9	22.7
1975-79 .....	14.7	17.5	15.9	26.0	23.1	16.3	13.9	23.2	31.2
1980-84 .....	12.2	14.4	12.0	19.4	15.9	12.3	11.3	21.5	16.2
1985-89 .....	10.9	12.9	10.4	14.2	14.3	9.7	8.8	17.4	14.9
<b>Suicide (E950-E959)</b>									
1955-59 .....	5.1	4.0	6.8	6.1	1.2	8.0	8.3	5.9	2.6
1960-64 .....	6.1	4.2	9.7	6.9	1.3	8.5	8.9	6.2	3.8
1965-69 .....	6.9	6.1	11.2	7.8	1.2	7.5	7.7	6.1	5.3
1970-74 .....	7.4	7.9	9.2	7.0	1.8	6.2	6.2	6.5	3.5
1975-79 .....	6.9	7.8	7.2	7.5	3.8	6.0	5.9	7.0	3.8
1980-84 .....	5.7	7.0	6.0	6.7	4.9	5.8	5.7	6.6	4.3
1985-89 .....	5.2	6.0	5.8	6.0	4.3	4.5	4.3	5.9	4.5
<b>Homicide (E960-E969)</b>									
1955-59 .....	2.4	0.9	1.1	0.7	0.2	0.5	0.5	0.6	0.3
1960-64 .....	2.6	1.0	1.2	0.9	0.2	0.5	0.5	0.5	0.4
1965-69 .....	3.2	1.2	1.2	0.8	0.3	0.6	0.6	0.9	0.3
1970-74 .....	4.1	1.7	1.3	0.9	0.3	0.8	0.8	0.9	1.0
1975-79 .....	4.1	1.7	1.5	1.0	0.4	1.0	1.0	1.1	2.5
1980-84 .....	4.0	1.5	1.5	1.0	0.5	0.7	0.6	1.2	0.9
1985-89 .....	3.9	1.4	1.6	1.2	0.6	0.7	0.5	1.7	1.3



**Table 4-6. Age-adjusted 5-year mortality rates among females for selected causes: English-speaking countries, 1955–89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>Symptoms, signs, and ill-defined conditions (780–799)</b>									
1955–59 .....	10.9	15.4	20.1	9.6	129.6	24.4	23.4	24.1	69.0
1960–64 .....	10.6	9.2	12.3	8.7	88.2	16.3	16.6	13.6	12.4
1965–69 .....	10.6	6.3	7.3	6.6	47.9	9.7	9.9	7.5	5.2
1970–74 .....	11.0	6.3	6.6	5.3	22.5	7.1	7.4	4.9	5.4
1975–79 .....	11.1	9.0	5.7	5.0	12.4	5.8	5.9	4.6	7.1
1980–84 .....	9.6	7.6	4.3	7.2	7.3	4.7	4.8	4.8	2.1
1985–89 .....	9.1	9.2	4.1	7.0	6.7	6.2	6.4	5.2	2.6

**Table 4-7. Age-adjusted 5-year mortality rates among females for selected causes: Western and Southern European countries, 1955–89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>All causes</b>										
1955–59. ....	1,083.3	1,018.4	1,100.5	904.1	988.3	989.7	1,054.1	---	1,074.4	1,287.4
1960–64. ....	995.6	978.0	1,008.6	827.6	913.7	893.9	960.7	878.1	965.0	1,136.2
1965–69. ....	982.9	954.5	971.2	792.0	853.1	826.6	913.2	868.6	889.2	1,119.4
1970–74. ....	935.9	904.0	929.1	753.2	767.2	737.2	837.8	756.2	824.4	1,083.4
1975–79. ....	866.2	824.0	836.4	668.3	661.8	668.5	755.4	721.3	747.4	996.2
1980–84. ....	799.1	753.4	749.4	606.8	614.1	616.1	698.2	700.3	632.4	824.6
1985–89. ....	700.3	671.3	667.3	589.9	549.2	547.4	616.0	657.7	585.4	723.0
<b>Diseases of heart (390, 398, 402, 404–429)</b>										
1955–59. ....	291.7	188.5	211.5	244.2	314.3	184.4	302.2	---	180.0	228.2
1960–64. ....	247.9	199.5	200.0	235.3	292.7	170.5	292.9	146.4	155.2	193.5
1965–69. ....	257.2	231.7	219.1	217.9	262.5	155.4	288.4	154.2	170.4	183.7
1970–74. ....	262.9	221.0	246.7	213.6	220.5	146.2	263.5	146.5	186.4	163.4
1975–79. ....	264.8	193.5	239.0	196.5	212.4	133.7	236.4	143.9	167.6	164.6
1980–84. ....	254.7	176.0	233.1	178.7	191.4	126.7	201.9	163.2	153.8	128.3
1985–89. ....	222.6	154.2	208.5	157.1	163.2	112.5	158.3	190.5	143.6	117.5
<b>Ischemic heart disease (410–414)</b>										
1955–59. ....	197.0	96.5	171.7	189.2	249.0	47.3	216.2	---	92.9	108.3
1960–64. ....	178.1	87.8	163.0	177.5	229.0	56.7	207.2	93.0	79.0	131.0
1965–69. ....	175.5	103.3	138.2	155.3	180.1	51.1	163.9	80.1	58.5	144.2
1970–74. ....	163.7	105.9	119.7	133.9	70.3	50.2	115.9	51.4	49.4	89.3
1975–79. ....	176.1	94.7	128.8	123.7	73.0	50.6	114.1	57.3	61.1	71.4
1980–84. ....	110.0	81.7	113.0	107.2	75.0	49.5	85.6	49.4	51.7	60.0
1985–89. ....	108.0	70.9	110.0	94.5	72.0	46.0	67.1	55.9	49.2	54.3
<b>Cerebrovascular diseases (430–438)</b>										
1955–59. ....	162.1	67.4	198.8	147.0	148.9	126.8	157.0	---	139.5	167.0
1960–64. ....	160.4	77.8	181.1	126.8	132.1	117.6	142.0	121.7	146.5	186.8
1965–69. ....	160.4	130.2	169.0	115.4	120.5	111.9	136.6	138.4	146.1	219.4
1970–74. ....	156.9	135.4	150.8	102.7	103.3	109.7	125.7	136.4	147.3	253.9
1975–79. ....	143.9	114.8	129.3	85.9	89.4	93.4	117.7	148.1	146.4	251.2
1980–84. ....	136.3	94.4	112.8	73.1	76.1	78.6	107.4	154.0	119.2	227.3
1985–89. ....	113.5	76.2	89.1	64.4	57.9	61.0	96.2	146.3	97.1	192.8

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 4-7. Age-adjusted 5-year mortality rates among females for selected causes: Western and Southern European countries, 1955-89—Continued**

Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>Malignant neoplasms—all sites (140-208)</b>										
1955-59. ....	200.8	183.5	189.0	181.9	178.1	157.4	141.0	---	116.6	110.0
1960-64. ....	195.2	185.1	188.9	178.9	169.2	156.3	144.8	105.3	130.4	117.2
1965-69. ....	193.4	180.0	189.0	181.8	166.0	152.1	148.3	107.9	128.4	123.0
1970-74. ....	187.0	174.6	182.4	174.1	163.0	145.4	148.6	106.2	127.9	127.8
1975-79. ....	175.7	171.7	177.9	166.7	154.8	141.1	145.7	117.3	125.6	122.3
1980-84. ....	173.3	170.0	172.3	163.1	155.0	138.2	147.9	116.5	118.8	122.1
1985-89. ....	165.2	163.4	169.2	165.6	150.8	134.5	148.6	115.6	119.2	122.2
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>										
1955-59. ....	22.1	29.7	16.2	25.1	22.2	23.9	13.8	---	11.5	14.7
1960-64. ....	21.3	29.8	19.8	25.7	20.4	23.4	15.6	7.9	14.8	16.3
1965-69. ....	23.6	29.2	24.2	26.4	20.5	22.5	17.3	7.8	14.3	17.7
1970-74. ....	25.6	28.4	27.2	25.5	20.7	21.4	19.1	8.4	14.5	18.6
1975-79. ....	25.7	27.0	28.1	24.7	20.0	20.6	19.0	9.6	14.9	19.1
1980-84. ....	24.7	24.6	26.4	23.5	19.7	18.2	15.7	7.8	11.6	13.9
1985-89. ....	23.1	22.4	25.9	22.8	18.5	17.3	16.4	8.5	14.1	15.0
<b>Malignant neoplasms—respiratory (161-162)</b>										
1955-59. ....	9.1	5.7	6.3	4.9	4.9	5.5	5.3	---	5.2	3.8
1960-64. ....	8.8	6.7	7.3	5.4	4.7	5.8	6.3	7.8	5.7	4.1
1965-69. ....	9.5	7.1	7.5	5.5	5.0	6.0	7.1	9.2	6.2	4.4
1970-74. ....	9.9	7.9	7.4	6.2	5.9	5.7	7.6	9.1	6.4	5.3
1975-79. ....	10.5	9.0	8.2	7.5	7.0	5.9	8.8	10.3	6.2	5.2
1980-84. ....	12.3	10.0	9.5	10.3	8.7	6.5	9.8	9.5	5.9	6.1
1985-89. ....	13.1	11.6	11.3	13.5	10.1	7.6	11.1	10.2	5.6	6.3
<b>Malignant neoplasms—female breast (174)</b>										
1955-59. ....	22.0	28.4	22.9	33.7	31.7	22.2	19.9	---	9.0	15.4
1960-64. ....	23.0	30.1	24.5	35.4	31.9	23.2	21.4	9.2	12.7	16.7
1965-69. ....	25.7	31.1	26.7	38.6	33.6	24.9	23.6	12.3	13.5	17.8
1970-74. ....	27.4	33.3	28.3	39.0	34.8	25.4	25.6	15.0	15.6	19.6
1975-79. ....	27.9	34.6	29.6	37.4	34.8	26.3	26.3	17.9	18.4	19.8
1980-84. ....	29.7	37.3	30.9	37.7	36.1	27.3	28.3	21.0	19.9	21.6
1985-89. ....	31.9	37.7	32.9	38.7	36.8	28.0	29.4	21.4	22.9	23.3

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.

**Table 4-7. Age-adjusted 5-year mortality rates among females for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal	Portugal
<b>Diabetes mellitus (250)</b>											
1955-59. ....	9.0	28.0	14.2	23.8	16.6	12.4	15.7	---	11.5	8.9	287.4
1960-64. ....	10.5	26.6	15.9	22.6	20.8	13.8	19.2	15.9	14.8	9.8	136.2
1965-69. ....	17.6	37.2	22.5	22.7	23.8	16.1	24.4	22.8	16.7	12.1	119.4
1970-74. ....	15.3	35.5	30.1	16.5	27.8	13.4	25.3	26.7	21.4	11.9	83.4
1975-79. ....	13.9	29.9	24.3	13.2	17.0	12.4	22.8	30.3	22.6	9.8	996.2
1980-84. ....	12.8	21.4	15.1	10.1	17.0	9.9	29.8	31.2	21.7	12.7	824.6
1985-89. ....	14.4	16.7	13.1	20.7	14.5	8.3	26.9	12.2	21.5	18.8	723.0
<b>Pneumonia (480-486)</b>											
1955-59. ....	43.8	22.6	40.0	24.6	24.3	40.0	54.9	---	61.6	78.5	228.2
1960-64. ....	35.1	22.0	30.6	17.5	21.2	26.0	42.2	32.7	45.7	78.1	193.5
1965-69. ....	27.6	22.0	24.3	16.6	19.8	17.4	36.8	35.0	34.2	81.2	183.7
1970-74. ....	29.1	20.4	21.2	23.0	17.7	13.1	30.0	28.7	35.3	58.6	163.4
1975-79. ....	25.4	17.2	17.8	16.8	15.2	9.7	20.8	22.0	28.1	35.7	164.6
1980-84. ....	17.4	15.8	15.8	17.1	10.8	6.7	15.3	13.7	18.2	21.9	128.3
1985-89. ....	11.5	14.0	13.1	14.9	12.8	10.9	10.2	8.5	13.3	17.8	117.5
<b>Influenza (487)</b>											
1955-59. ....	11.4	9.8	13.3	13.5	20.7	12.9	7.6	---	15.9	9.6	108.3
1960-64. ....	10.1	9.3	10.6	9.0	15.7	13.3	4.9	18.7	15.8	5.9	131.0
1965-69. ....	6.4	6.4	6.1	6.3	11.3	13.8	5.8	11.8	11.6	6.0	144.2
1970-74. ....	4.2	5.5	3.9	5.3	9.3	8.7	4.3	8.3	12.2	9.0	89.3
1980-84. ....	1.7	1.4	0.8	0.8	4.1	1.9	1.6	1.5	3.3	2.4	71.4
1985-89. ....	1.2	1.7	0.6	1.4	3.2	1.5	0.8	0.2	1.5	0.6	60.0
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>											
1980-84. ....	13.4	11.6	14.9	10.7	---	10.0	15.9	13.3	13.1	16.8	186.8
1985-89. ....	13.2	13.5	14.2	14.5	---	11.0	14.3	6.2	14.0	13.5	219.4
<b>Chronic liver disease and cirrhosis (571)</b>											
1955-59. ....	9.2	5.4	9.7	3.7	4.8	18.7	9.6	---	13.0	20.1	253.9
1960-64. ....	10.2	6.2	11.9	3.5	5.2	18.6	11.5	10.0	13.5	19.3	251.2
1965-69. ....	12.6	6.9	13.5	3.4	6.0	20.4	14.1	11.1	14.9	24.7	227.3
1970-74. ....	13.3	8.4	13.5	3.5	6.4	19.7	16.5	8.7	15.0	21.7	192.8
1975-79. ....	14.1	8.9	14.2	3.6	5.8	18.1	17.7	6.9	13.6	19.6	
1980-84. ....	14.1	8.8	13.3	3.6	5.6	15.0	17.2	5.3	11.6	17.2	
1985-89. ....	13.2	8.5	12.1	3.8	5.4	11.6	15.4	4.6	10.9	14.7	

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 4-7. Age-adjusted 5-year mortality rates among females for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Cause and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>										
1955-59.....	8.2	5.8	8.7	6.1	7.8	7.4	5.3	---	2.3	3.4
1960-64.....	9.8	8.1	10.7	7.6	9.6	9.7	7.2	3.4	3.6	4.7
1965-69.....	12.7	12.5	13.0	10.5	10.6	12.8	8.3	5.0	4.9	6.8
1970-74.....	15.3	14.6	14.0	11.5	12.2	12.5	10.0	6.4	6.8	10.5
1975-79.....	12.7	12.1	11.7	8.8	9.5	10.5	8.1	9.3	8.5	11.8
1980-84.....	10.0	10.9	8.8	6.3	8.4	10.1	7.5	8.5	6.9	11.4
1985-89.....	8.1	9.8	6.2	5.2	6.4	9.0	6.5	8.9	7.9	10.2
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>										
1955-59.....	33.4	28.5	31.0	20.7	29.5	31.2	15.1	---	12.0	21.6
1960-64.....	30.6	26.9	30.1	23.5	31.8	32.5	18.2	22.4	13.0	19.8
1965-69.....	29.7	30.7	30.4	28.2	29.2	34.5	17.6	23.3	12.3	18.9
1970-74.....	30.4	31.3	27.3	24.6	26.7	34.8	18.5	20.4	14.5	16.1
1975-79.....	26.4	29.2	21.3	19.6	19.7	32.6	19.4	20.2	13.5	17.4
1980-84.....	22.8	24.7	17.0	14.2	20.6	29.6	17.7	18.9	12.4	16.1
1985-89.....	18.7	16.1	12.2	11.3	21.5	24.6	16.0	15.7	8.9	12.1
<b>Suicide (E950-E959)</b>										
1955-59.....	14.2	7.6	12.1	5.9	11.1	8.3	3.9	---	3.0	4.3
1960-64.....	12.9	7.7	12.5	5.6	10.5	7.6	3.5	2.6	2.8	4.3
1965-69.....	13.0	8.9	13.4	5.7	9.9	7.9	3.3	2.2	2.4	4.5
1970-74.....	13.3	9.6	13.8	7.5	11.3	8.5	3.5	1.9	2.4	4.1
1975-79.....	13.1	12.5	13.7	8.2	13.6	9.3	3.7	1.8	2.2	4.7
1980-84.....	13.5	14.3	12.2	8.6	13.7	11.0	4.1	2.0	2.7	4.9
1985-89.....	13.2	12.9	9.6	7.8	12.5	11.5	3.9	2.1	3.6	4.3
<b>Homicide (E960-E969)</b>										
1955-59.....	0.9	0.6	0.7	0.2	0.7	0.6	0.7	---	0.2	0.6
1960-64.....	0.8	0.6	0.8	0.3	0.8	0.6	0.6	0.6	0.1	0.5
1965-69.....	0.9	0.8	1.0	0.3	0.7	0.7	0.5	0.5	0.1	0.6
1970-74.....	1.2	1.0	1.1	0.4	0.8	0.6	0.6	0.3	0.2	0.6
1975-79.....	1.2	0.9	1.1	0.5	0.9	0.7	0.6	0.4	0.3	0.7
1980-84.....	1.3	1.3	1.1	0.6	1.0	0.9	0.7	0.6	0.4	0.6
1985-89.....	1.2	1.6	1.1	0.6	1.3	0.8	0.5	0.6	0.5	0.7

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.

**Table 4-7. Age-adjusted 5-year mortality rates among females for selected causes: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
<b>Symptoms, signs, and ill-defined conditions (790-799)</b>										
1955-59. ....	42.9	168.1	121.3	44.1	23.6	186.0	94.3	---	212.0	307.7
1960-64. ....	46.2	114.5	90.6	33.6	19.2	146.1	62.5	191.4	148.1	232.6
1965-69. ....	28.5	78.6	63.9	26.6	16.7	114.6	47.7	160.4	113.9	236.3
1970-74. ....	19.8	89.5	42.1	27.9	11.8	72.9	37.4	106.4	67.1	227.8
1975-79. ....	21.2	76.3	31.3	31.5	9.0	55.2	31.9	79.5	43.7	212.1
1980-84. ....	10.2	51.5	20.9	22.8	8.7	43.6	24.0	58.6	26.6	130.3
1985-89. ....	8.5	53.5	19.4	22.3	10.2	37.8	19.4	52.9	17.9	96.5

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 4-8. Age-adjusted 5-year mortality rates among females for selected causes: Eastern European countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>U.S.S.R.</i>	<i>Bulgaria</i>	<i>Czechoslovakia</i>	<i>German Democratic Republic</i>	<i>Hungary</i>	<i>Poland</i>	<i>Romania</i>	<i>Yugoslavia</i>
<b>All causes</b>								
1955-59 .....	---	---	1,081.0	---	1,189.1	---	---	---
1960-64 .....	---	---	994.9	---	1,092.3	993.4	1,021.3	1,138.3
1965-69 .....	---	959.0	980.5	---	1,046.8	920.9	996.6	1,075.2
1970-74 .....	---	982.8	990.2	974.0	1,026.2	894.3	1,064.1	1,046.7
1975-79 .....	---	977.0	961.4	968.0	1,021.3	846.9	1,048.2	948.7
1980-84 .....	---	950.2	972.1	939.5	1,023.5	862.7	1,074.9	959.5
1985-89 .....	894.5	957.3	904.5	886.9	961.9	870.3	1,053.0	885.9
<b>Diseases of heart (390-398, 402, 404-429)</b>								
1955-59 .....	---	---	309.4	---	299.0	---	---	---
1960-64 .....	---	---	238.3	---	319.0	162.8	320.4	257.8
1965-69 .....	---	242.4	265.8	---	322.5	181.2	351.6	261.0
1970-74 .....	---	278.1	278.2	262.4	332.6	199.2	421.1	273.8
1975-79 .....	---	268.9	261.7	258.7	299.6	197.4	407.9	315.1
1980-84 .....	---	252.1	270.2	233.1	269.5	176.3	369.1	342.6
1985-89 .....	316.3	298.6	254.1	223.2	249.2	170.3	334.3	313.7
<b>Ischemic heart disease (410-414)</b>								
1955-59 .....	---	---	214.5	---	216.1	---	---	---
1960-64 .....	---	---	154.1	---	241.0	87.5	128.0	184.0
1965-69 .....	---	169.9	189.0	---	243.0	91.5	153.5	133.3
1970-74 .....	---	219.3	227.1	86.3	198.5	51.8	91.2	71.1
1975-79 .....	---	217.4	226.3	93.7	186.3	62.9	105.2	80.2
1980-84 .....	---	156.5	210.0	105.8	170.4	56.5	140.6	65.7
1985-89 .....	292.0	185.0	207.2	115.5	168.2	58.7	169.4	63.1
<b>Cerebrovascular diseases (430-438)</b>								
1955-59 .....	---	---	126.4	---	179.1	---	---	---
1960-64 .....	---	---	117.5	---	171.6	60.7	146.3	96.1
1965-69 .....	---	229.0	144.7	---	177.3	48.4	172.0	110.4
1970-74 .....	---	232.3	180.8	68.7	162.1	56.6	178.0	115.9
1975-79 .....	---	235.9	189.9	66.9	168.1	70.6	178.1	115.4
1980-84 .....	---	233.1	184.2	90.3	185.9	64.7	179.2	125.6
1985-89 .....	208.3	214.9	169.3	89.4	160.4	67.8	190.5	134.0

**Table 4-8. Age-adjusted 5-year mortality rates among females for selected causes: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Malignant neoplasms—all sites (140-208)</b>								
1955-59	---	---	168.4	---	168.6	---	---	---
1960-64	---	---	172.3	---	174.1	134.9	135.6	101.2
1965-69	---	121.7	173.5	---	177.3	148.6	122.7	103.9
1970-74	---	115.6	174.1	154.8	185.9	146.9	121.7	110.5
1975-79	---	113.9	171.8	153.2	189.0	144.7	121.7	117.3
1980-84	---	115.9	172.4	152.1	189.6	151.1	115.7	123.0
1985-89	130.9	119.9	175.6	150.5	190.5	154.0	116.2	127.3
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>								
1955-59	---	---	14.6	---	16.5	---	---	---
1960-64	---	---	15.6	---	18.4	7.3	8.9	5.9
1965-69	---	9.1	17.9	---	21.1	9.8	8.2	7.8
1970-74	---	10.2	21.0	22.0	23.6	11.7	9.1	9.9
1975-79	---	11.7	22.3	22.3	26.2	12.9	9.5	11.5
1980-84	---	13.6	24.0	22.8	28.1	14.4	10.1	12.8
1985-89	15.7	15.5	25.7	23.0	28.4	15.5	10.8	13.6
<b>Malignant neoplasms—respiratory (162-164)</b>								
1955-59	---	---	8.3	---	8.8	---	---	---
1960-64	---	---	8.4	---	10.8	5.8	8.5	5.8
1965-69	---	10.1	8.9	---	11.3	7.3	8.1	6.7
1970-74	---	9.5	8.4	6.9	12.7	7.8	8.4	7.8
1975-79	---	9.1	9.3	6.8	13.8	9.2	8.9	9.3
1980-84	---	9.1	10.6	7.8	16.4	11.3	9.0	10.3
1985-89	10.4	9.7	12.1	8.6	19.8	13.4	9.1	11.3
<b>Malignant neoplasms—female breast (174)</b>								
1955-59	---	---	18.1	---	17.0	---	---	---
1960-64	---	---	19.6	---	18.9	11.0	10.7	10.2
1965-69	---	12.8	21.5	---	21.1	15.5	12.3	11.8
1970-74	---	15.0	23.8	21.0	25.0	17.0	14.2	14.1
1975-79	---	17.7	25.7	22.0	28.3	19.1	15.8	16.5
1980-84	---	19.0	27.6	23.7	29.5	20.9	17.5	18.1
1985-89	17.7	21.2	28.4	24.5	31.8	21.3	19.5	21.2



**Table 4-8. Age-adjusted 5-year mortality rates among females for selected causes: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Diabetes mellitus (250)</b>								
1955-59 . . . . .	---	---	14.9	---	9.1	---	---	---
1960-64 . . . . .	---	---	20.9	---	11.0	6.8	4.1	7.0
1965-69 . . . . .	---	10.0	21.4	---	10.7	10.9	4.0	9.0
1970-74 . . . . .	---	8.9	19.4	16.6	8.1	12.4	4.5	11.5
1975-79 . . . . .	---	10.8	15.6	18.0	14.4	14.2	4.9	13.5
1980-84 . . . . .	---	14.1	18.8	25.9	19.3	16.2	6.6	15.3
1985-89 . . . . .	5.3	16.8	18.5	29.5	18.0	18.8	8.1	14.7
<b>Pneumonia (480-486)</b>								
1955-59 . . . . .	---	---	62.2	---	70.9	---	---	---
1960-64 . . . . .	---	---	35.0	---	30.8	40.1	72.7	55.7
1965-69 . . . . .	---	69.9	33.1	---	16.0	29.4	62.9	35.2
1970-74 . . . . .	---	62.4	32.1	14.3	11.3	28.5	66.7	35.4
1975-79 . . . . .	---	53.8	42.3	14.9	9.7	22.4	57.7	30.2
1980-84 . . . . .	---	42.6	39.9	16.8	9.6	17.6	47.4	29.4
1985-89 . . . . .	15.1	37.8	28.7	15.5	6.1	15.8	40.3	19.7
<b>Influenza (487)</b>								
1955-59 . . . . .	---	---	6.4	---	14.7	---	---	---
1960-64 . . . . .	---	---	8.2	---	13.2	4.3	14.4	15.8
1965-69 . . . . .	---	12.4	5.9	---	7.0	3.3	5.2	10.2
1970-74 . . . . .	---	11.6	7.9	2.2	6.1	6.4	6.5	6.3
1975-79 . . . . .	---	9.4	4.6	2.1	4.8	2.0	2.3	3.1
1980-84 . . . . .	---	2.8	2.9	0.8	1.9	0.3	0.4	1.0
1985-89 . . . . .	0.6	0.6	1.6	0.6	1.4	0.3	0.1	0.6
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>								
1980-84 . . . . .	---	20.5	21.3	15.8	31.9	15.4	70.4	18.2
1985-89 . . . . .	22.4	18.2	16.7	14.6	26.0	14.2	55.1	15.7
<b>Chronic liver disease and cirrhosis (571)</b>								
1955-59 . . . . .	---	---	6.9	---	6.8	---	---	---
1960-64 . . . . .	---	---	7.1	---	6.3	5.8	16.7	5.4
1965-69 . . . . .	---	4.4	7.8	---	7.4	7.3	16.4	7.6
1970-74 . . . . .	---	4.6	9.0	6.3	8.7	8.0	16.9	9.4
1975-79 . . . . .	---	5.0	9.4	7.1	12.8	8.2	18.4	10.6
1980-84 . . . . .	---	6.3	10.0	---	19.5	7.8	24.2	13.5
1985-89 . . . . .	---	7.4	10.1	9.8	24.5	7.2	26.2	10.8

**Table 4-8. Age-adjusted 5-year mortality rates among females for selected causes: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>U.S.S.R.</i>	<i>Bulgaria</i>	<i>Czechoslovakia</i>	<i>German Democratic Republic</i>	<i>Hungary</i>	<i>Poland</i>	<i>Romania</i>	<i>Yugoslavia</i>
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>								
1955-59 . . . . .	---	---	3.7	---	2.0	---	---	---
1960-64 . . . . .	---	---	5.4	---	2.7	2.5	---	---
1965-69 . . . . .	---	4.8	7.8	---	4.2	4.4	---	2.8
1970-74 . . . . .	---	5.4	9.3	6.5	7.4	2.1	---	---
1975-79 . . . . .	---	6.5	9.0	2.8	8.0	---	---	4.5
1980-84 . . . . .	---	6.3	5.5	6.0	6.8	4.2	---	9.1
1985-89 . . . . .	7.2	6.0	5.0	5.4	8.4	6.2	---	7.3
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>								
1955-59 . . . . .	---	---	27.9	---	23.0	---	---	---
1960-64 . . . . .	---	---	29.0	---	25.9	17.8	28.1	29.7
1965-69 . . . . .	---	14.7	29.7	---	29.3	21.9	29.9	24.4
1970-74 . . . . .	---	14.2	28.9	28.5	31.9	25.2	33.5	35.4
1975-79 . . . . .	---	14.5	33.1	46.8	37.1	27.5	36.4	26.3
1980-84 . . . . .	---	12.9	33.5	17.4	39.4	8.6	7.0	14.9
1985-89 . . . . .	24.6	12.2	34.6	19.8	38.8	20.7	33.2	14.4
<b>Suicide (E950-E959)</b>								
1955-59 . . . . .	---	---	12.6	---	14.3	---	---	---
1960-64 . . . . .	---	---	13.2	---	16.4	3.8	---	---
1965-69 . . . . .	---	7.0	13.2	---	18.2	4.1	---	3.4
1970-74 . . . . .	---	7.6	12.4	23.1	20.2	4.4	---	---
1975-79 . . . . .	---	8.1	10.9	---	23.2	4.2	---	3.8
1980-84 . . . . .	---	8.0	9.6	---	24.5	1.9	---	9.9
1985-89 . . . . .	9.3	8.6	8.9	---	22.2	4.5	1.1	10.1
<b>Homicide (E960-E969)</b>								
1955-59 . . . . .	---	---	0.9	---	1.3	---	---	---
1960-64 . . . . .	---	---	0.9	---	1.3	0.6	---	---
1965-69 . . . . .	---	1.1	1.0	---	1.5	0.6	---	0.7
1970-74 . . . . .	---	1.1	1.0	0.5	1.6	0.7	---	---
1975-79 . . . . .	---	1.2	0.9	---	1.7	0.8	---	0.6
1980-84 . . . . .	---	1.6	1.0	---	1.9	0.5	---	1.2
1985-89 . . . . .	4.2	1.5	1.1	---	2.1	1.2	0.5	1.2

**Table 4-8. Age-adjusted 5-year mortality rates among females for selected causes: Eastern European countries, 1955-89—Continued**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>U.S.S.R.</i>	<i>Bulgaria</i>	<i>Czechoslovakia</i>	<i>German Democratic Republic</i>	<i>Hungary</i>	<i>Poland</i>	<i>Romania</i>	<i>Yugoslavia</i>
Symptoms, signs, and ill-defined conditions (780-790)								
1955-59 .....	---	---	89.3	---	137.6	---	---	---
1960-64 .....	---	---	44.5	---	53.8	251.6	15.2	340.2
1965-69 .....	---	74.3	29.4	---	13.6	153.3	3.4	333.7
1970-74 .....	---	80.4	21.2	22.2	4.3	119.6	2.6	300.2
1975-79 .....	---	84.4	16.5	20.0	1.0	93.9	1.8	156.8
1980-84 .....	---	79.8	14.3	---	1.1	75.6	0.5	92.9
1985-89 .....	6.4	53.0	9.6	---	1.0	65.9	0.2	80.2



**Table 4-9. Age-adjusted 5-year mortality rates among females for selected causes: Scandinavian and Asian countries, 1955-89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
All causes								
1955-59 .....	957.7	922.5	845.7	1,157.8	1,176.6	---	---	---
1960-64 .....	917.0	863.6	834.0	1,111.1	1,050.3	853.7	---	---
1965-69 .....	861.1	797.9	773.1	1,067.9	927.5	789.9	---	---
1970-74 .....	783.4	718.8	726.9	918.6	823.0	763.3	---	---
1975-79 .....	728.9	675.7	671.8	771.3	690.2	676.9	1,002.4	862.5
1980-84 .....	717.8	623.5	616.6	687.8	593.7	594.9	895.4	819.9
1985-89 .....	707.6	588.0	608.3	670.1	503.4	514.5	790.5	743.6
Diseases of heart (390-398, 402, 404-429)								
1955-59 .....	289.8	283.7	218.2	337.3	117.3	---	---	---
1960-64 .....	273.3	288.2	234.9	380.6	132.1	128.3	---	---
1965-69 .....	279.9	267.0	215.5	376.8	139.7	125.1	---	---
1970-74 .....	246.9	251.7	212.4	320.2	148.8	136.7	---	---
1975-79 .....	224.4	230.4	189.3	270.6	137.9	120.7	212.7	286.4
1980-84 .....	209.4	213.2	177.5	235.1	123.9	99.4	197.7	274.1
1985-89 .....	194.1	186.9	168.1	224.1	110.7	86.9	192.7	234.8
Ischemic heart disease (410-414)								
1955-59 .....	211.1	219.4	149.8	237.0	75.3	---	---	---
1960-64 .....	215.0	232.6	177.5	269.2	81.4	53.9	---	---
1965-69 .....	237.4	220.3	171.5	260.5	69.3	55.2	---	---
1970-74 .....	213.5	221.4	153.0	192.1	46.4	50.3	---	---
1975-79 .....	197.1	204.6	134.5	182.7	43.5	57.4	131.8	222.2
1980-84 .....	179.6	179.0	127.1	171.4	39.0	54.8	138.9	168.1
1985-89 .....	161.5	144.1	123.1	170.6	31.6	52.7	139.7	143.0
Cerebrovascular diseases (430-438)								
1955-59 .....	142.6	152.4	156.6	222.5	246.8	---	---	---
1960-64 .....	131.0	125.7	156.3	198.3	256.9	105.5	---	---
1965-69 .....	108.3	104.0	141.6	194.3	246.7	106.6	---	---
1970-74 .....	89.7	89.2	129.2	149.7	221.9	84.3	---	---
1975-79 .....	74.5	82.4	107.4	114.6	179.1	106.1	160.0	134.7
1980-84 .....	71.2	72.0	89.1	102.0	134.1	91.2	139.4	105.6
1985-89 .....	66.2	66.5	80.9	96.9	93.1	69.1	110.3	78.5

**Table 4-9. Age-adjusted 5-year mortality rates among females for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Cause and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Malignant neoplasms—all sites (140-208)</b>								
1955-59 .....	211.9	163.0	156.4	168.3	132.8	---	---	---
1960-64 .....	209.7	162.5	149.5	161.0	135.8	127.7	---	---
1965-69 .....	197.9	156.4	150.0	155.3	134.5	137.5	---	---
1970-74 .....	193.9	166.1	145.3	149.7	130.2	137.0	---	---
1975-79 .....	196.9	164.0	149.9	145.2	125.0	143.7	145.8	164.5
1980-84 .....	202.0	152.7	149.8	142.7	121.7	137.4	159.5	154.9
1985-89 .....	205.4	147.0	152.3	139.0	116.9	138.6	155.5	146.9
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>								
1955-59 .....	33.4	20.1	16.4	13.4	8.7	---	---	---
1960-64 .....	32.1	20.8	16.9	15.7	9.4	11.3	---	---
1965-69 .....	30.7	20.3	19.3	15.3	10.7	11.7	---	---
1970-74 .....	29.0	22.0	19.7	16.4	11.8	12.1	---	---
1975-79 .....	29.5	21.2	21.9	15.9	12.8	15.0	22.0	19.9
1980-84 .....	29.4	19.2	22.9	15.8	13.8	15.1	23.3	19.4
1985-89 .....	28.0	18.1	23.3	14.6	14.6	16.2	22.6	18.9
<b>Malignant neoplasms—respiratory (161-162)</b>								
1955-59 .....	6.9	5.8	3.8	6.5	4.6	---	---	---
1960-64 .....	9.0	5.7	3.9	5.6	6.3	17.7	---	---
1965-69 .....	11.2	6.6	4.6	6.1	7.6	25.8	---	---
1970-74 .....	14.1	8.1	5.8	6.4	8.4	29.3	---	---
1975-79 .....	18.7	9.4	7.1	7.7	9.7	35.8	22.9	12.2
1980-84 .....	25.5	11.6	9.6	8.9	11.4	35.2	28.0	12.2
1985-89 .....	31.5	13.6	13.4	9.8	12.4	37.1	29.2	12.2
<b>Malignant neoplasms—female breast (174)</b>								
1955-59 .....	35.1	26.7	24.8	18.5	5.2	---	---	---
1960-64 .....	35.8	28.4	24.4	18.9	5.2	12.1	---	---
1965-69 .....	35.6	26.5	26.0	20.6	5.5	11.8	---	---
1970-74 .....	37.7	28.7	25.2	21.5	6.3	12.9	---	---
1975-79 .....	37.4	27.6	26.7	21.7	6.9	12.5	15.6	33.5
1980-84 .....	37.6	26.8	25.6	22.6	7.6	11.6	17.1	33.0
1985-89 .....	40.4	25.8	27.4	24.3	8.2	12.1	18.2	32.3

**Table 4-9. Age-adjusted 5-year mortality rates among females for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	Denmark	Sweden	Norway	Finland	Japan	Hong Kong	Singapore	Israel
<b>Diabetes mellitus (250)</b>								
1955-59	7.4	12.0	8.1	14.3	4.7	---	---	---
1960-64	7.6	14.7	9.1	17.2	6.3	5.0	---	---
1965-69	13.2	16.7	6.8	20.1	8.7	7.0	---	---
1970-74	12.5	12.8	6.2	19.7	9.9	7.5	---	---
1975-79	9.8	11.9	6.5	16.2	9.5	11.0	37.7	12.9
1980-84	11.1	10.0	7.1	10.9	7.9	7.4	37.8	9.2
1985-89	10.9	9.6	7.4	9.1	6.8	5.7	32.1	19.3
<b>Pneumonia (480-486)</b>								
1955-59	23.3	47.0	52.3	55.5	45.0	---	---	---
1960-64	29.5	41.4	56.7	43.1	39.9	88.8	---	---
1965-69	21.3	44.9	57.6	44.0	33.5	76.2	---	---
1970-74	20.6	19.7	56.9	47.5	31.5	87.6	---	---
1975-79	24.6	19.6	51.6	38.8	29.0	74.3	130.6	22.5
1980-84	22.1	25.7	38.1	31.3	28.7	57.2	120.6	24.5
1985-89	14.7	27.4	39.5	29.9	31.2	37.5	92.8	19.7
<b>Influenza (487)</b>								
1955-59	6.9	3.8	2.5	17.9	3.8	---	---	---
1960-64	4.9	3.7	2.2	12.0	4.4	2.4	---	---
1965-69	5.7	2.9	3.7	11.0	3.0	1.7	---	---
1970-74	5.1	2.0	3.7	8.7	2.0	1.0	---	---
1975-79	4.7	2.6	3.4	5.2	1.3	0.1	3.2	1.1
1980-84	2.7	0.9	1.7	2.6	0.5	0.0	1.7	0.2
1985-89	1.8	1.2	1.8	1.9	0.2	0.0	0.7	0.2
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>								
1980-84	---	---	---	---	9.5	34.0	36.5	18.0
1985-89	---	9.9	12.1	7.4	8.0	32.4	34.5	19.9
<b>Chronic liver disease and cirrhosis (571)</b>								
1955-59	9.0	3.8	3.5	3.4	11.6	---	---	---
1960-64	8.6	3.8	3.1	3.4	11.0	6.4	---	---
1965-69	7.7	4.5	2.8	2.9	9.7	6.4	---	---
1970-74	7.7	5.1	2.8	3.1	9.6	6.6	---	---
1975-79	6.6	6.3	3.3	3.2	8.7	5.1	7.1	6.0
1980-84	6.6	5.0	3.4	3.5	8.2	4.6	5.0	6.0
1985-89	7.9	4.0	3.8	4.8	7.6	3.9	3.8	5.4



**Table 4-9. Age-adjusted 5-year mortality rates among females for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Unintentional injuries—motor vehicle crashes (E810–E819)</b>								
1955–59 .....	7.1	5.7	3.6	5.8	4.3	---	---	---
1960–64 .....	9.3	7.6	4.6	8.8	7.3	6.1	---	---
1965–69 .....	12.6	8.9	6.8	12.3	9.1	6.6	---	---
1970–74 .....	12.7	8.8	6.5	12.2	9.5	7.9	---	---
1975–79 .....	8.8	7.7	6.3	8.5	5.6	7.4	6.2	11.3
1980–84 .....	7.3	5.3	4.9	6.4	5.1	7.1	6.7	6.6
1985–89 .....	7.3	5.2	5.0	7.0	5.2	4.8	4.4	6.6
<b>Unintentional injuries—all other (E800–E807, E826–E949)</b>								
1955–59 .....	35.6	19.6	27.4	34.6	18.9	---	---	---
1960–64 .....	34.3	21.9	26.5	32.1	16.3	16.0	---	---
1965–69 .....	24.6	17.8	24.4	26.2	15.2	11.5	---	---
1970–74 .....	18.4	18.4	22.3	22.2	13.1	10.9	---	---
1975–79 .....	15.3	19.5	21.0	18.2	10.6	7.5	4.4	22.2
1980–84 .....	17.6	13.0	20.2	16.3	9.2	6.9	3.2	15.0
1985–89 .....	20.7	11.5	19.4	18.6	7.7	5.0	3.9	23.6
<b>Suicide (E950–E959)</b>								
1955–59 .....	14.9	8.7	3.2	10.3	22.5	---	---	---
1960–64 .....	13.6	9.3	3.2	9.9	17.4	13.0	---	---
1965–69 .....	14.0	11.2	3.7	9.8	14.5	12.3	---	---
1970–74 .....	18.0	11.9	4.8	10.1	15.8	14.5	---	---
1975–79 .....	18.6	11.4	6.4	10.2	14.8	11.1	14.2	6.4
1980–84 .....	20.7	10.7	7.5	9.9	13.0	10.0	10.7	4.7
1985–89 .....	18.8	10.3	8.1	10.9	12.8	11.1	13.8	4.8
<b>Homicide (E960–E969)</b>								
1955–59 .....	0.7	0.7	0.4	1.5	1.4	---	---	---
1960–64 .....	0.6	0.7	0.4	1.6	1.0	0.8	---	---
1965–69 .....	0.7	0.7	0.4	1.4	1.0	0.8	---	---
1970–74 .....	0.9	0.9	0.5	1.5	1.0	0.7	---	---
1975–79 .....	0.8	0.9	0.5	1.5	1.0	0.8	1.0	1.0
1980–84 .....	1.1	0.9	0.9	1.8	0.8	1.1	1.4	1.2
1985–89 .....	1.1	1.0	0.9	1.7	0.7	0.8	1.1	1.3

**Table 4-9. Age-adjusted 5-year mortality rates among females for selected causes: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Cause and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
Symptoms, signs, and ill-defined conditions (780-799)								
1955-59 .....	16.5	45.3	66.2	78.0	223.8	---	---	---
1960-64 .....	14.2	17.7	55.0	32.3	166.5	165.1	---	---
1965-69 .....	11.3	9.2	45.4	11.5	124.8	131.1	---	---
1970-74 .....	13.9	4.5	33.4	3.9	87.8	120.6	---	---
1975-79 .....	21.3	3.5	29.2	2.4	56.8	72.2	96.2	44.8
1980-84 .....	28.8	5.0	22.1	3.5	40.9	42.2	40.1	51.2
1985-89 .....	31.6	7.4	19.7	4.3	28.0	19.2	20.7	37.9

**Table 4-10. Age-adjusted 5-year mortality rates among females for selected causes: Latin American countries, 1955-89**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>All causes</b>					
1955-59.....	---	1,541.1	---	---	920.0
1960-64.....	---	1,368.1	1,052.3	---	920.6
1965-69.....	958.9	1,338.8	1,069.8	---	982.3
1970-74.....	---	1,199.7	976.0	804.7	1,009.3
1975-79.....	---	936.5	787.4	---	870.5
1980-84.....	823.2	857.0	751.3	779.3	815.7
1985-89.....	793.6	790.1	753.1	749.1	803.7
<b>Diseases of heart (390-398, 402, 404-429)</b>					
1955-59.....	---	167.1	---	---	189.8
1960-64.....	---	182.2	174.2	---	209.9
1965-69.....	220.2	221.9	190.6	---	239.5
1970-74.....	---	208.0	217.6	245.8	260.3
1975-79.....	---	154.7	162.7	---	208.9
1980-84.....	260.1	154.1	181.8	241.8	178.9
1985-89.....	253.9	144.9	182.9	229.5	182.5
<b>Ischemic heart disease (410-414)</b>					
1955-59.....	---	85.4	---	---	134.2
1960-64.....	---	114.0	103.6	---	157.7
1965-69.....	148.0	143.3	110.7	---	179.1
1970-74.....	---	120.6	95.7	190.9	182.0
1975-79.....	---	98.4	91.9	---	143.1
1980-84.....	86.1	92.0	122.6	194.4	109.1
1985-89.....	72.1	89.5	131.0	190.8	98.8
<b>Cerebrovascular diseases (430-438)</b>					
1955-59.....	---	121.4	---	---	149.0
1960-64.....	---	123.0	71.8	---	144.6
1965-69.....	119.9	138.9	89.1	---	158.8
1970-74.....	---	132.9	81.7	99.8	168.0
1975-79.....	---	113.4	76.3	---	136.3
1980-84.....	96.2	106.7	79.1	89.7	127.2
1985-89.....	92.0	91.5	78.7	86.1	124.8



**Table 4-10. Age-adjusted 5-year mortality rates among females for selected causes: Latin American countries, 1955-89—Continued**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>Malignant neoplasms—all sites (140-208)</b>					
1955-59.....	---	200.6	---	---	190.8
1960-64.....	---	200.6	205.0	---	198.6
1965-69.....	170.0	212.4	185.7	---	198.0
1970-74.....	---	205.0	162.4	140.1	203.2
1975-79.....	---	170.7	154.4	---	179.2
1980-84.....	144.2	166.1	154.8	140.0	173.0
1985-89.....	143.2	166.3	171.0	138.7	175.9
<b>Malignant neoplasms—intestinal/rectal (152-154)</b>					
1955-59.....	---	9.4	---	---	25.6
1960-64.....	---	9.7	11.4	---	27.8
1965-69.....	22.3	11.5	8.8	---	30.5
1970-74.....	---	12.2	7.9	16.2	31.8
1975-79.....	---	11.2	9.0	---	25.6
1980-84.....	15.4	9.6	10.3	16.7	23.3
1985-89.....	14.9	10.1	10.9	17.0	24.4
<b>Malignant neoplasms—respiratory (161-162)</b>					
1955-59.....	---	7.2	---	---	5.7
1960-64.....	---	7.4	5.2	---	7.1
1965-69.....	9.2	8.4	6.2	---	6.3
1970-74.....	---	8.1	8.0	22.8	6.7
1975-79.....	---	8.3	8.8	---	6.4
1980-84.....	8.6	8.6	10.7	22.0	6.6
1985-89.....	8.8	9.3	10.9	22.7	7.1
<b>Malignant neoplasms—female breast (174)</b>					
1955-59.....	---	12.6	---	---	30.1
1960-64.....	---	12.8	11.4	---	29.9
1965-69.....	27.1	15.9	12.2	---	32.0
1970-74.....	---	17.8	10.7	18.8	36.0
1975-79.....	---	16.5	13.0	---	34.0
1980-84.....	28.0	17.5	15.9	21.6	35.3
1985-89.....	29.6	18.1	18.4	21.3	36.8

**Table 4-10. Age-adjusted 5-year mortality rates among females for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>Diabetes mellitus (250)</b>					
1955-59.....	---	16.8	---	---	21.2
1960-64.....	---	16.1	25.5	---	25.3
1965-69.....	29.8	17.7	36.0	---	28.4
1970-74.....	---	23.1	42.1	22.6	33.4
1975-79.....	---	23.8	43.4	---	26.0
1980-84.....	20.4	21.6	25.6	24.4	23.1
1985-89.....	20.9	16.7	25.4	32.9	20.9
<b>Pneumonia (480-486)</b>					
1955-59.....	---	202.0	---	---	22.7
1960-64.....	---	158.0	58.9	---	23.7
1965-69.....	27.5	142.9	54.9	---	21.6
1970-74.....	---	117.7	63.1	51.6	22.6
1975-79.....	---	61.2	32.9	---	18.8
1980-84.....	20.6	48.3	26.7	55.4	18.5
1985-89.....	19.6	59.0	24.4	42.8	19.6
<b>Influenza (487)</b>					
1955-59.....	---	48.8	---	---	12.8
1960-64.....	---	29.5	17.7	---	9.3
1965-69.....	3.2	32.3	17.4	---	10.2
1970-74.....	---	18.8	11.4	1.5	6.5
1975-79.....	---	6.5	5.4	---	3.5
1980-84.....	0.3	4.8	1.5	0.4	2.0
1985-89.....	0.1	2.1	1.1	0.2	1.3
<b>Chronic obstructive pulmonary diseases and allied conditions (490-496)</b>					
1980-84.....	---	---	---	---	---
1985-89.....	---	---	---	---	---
<b>Chronic liver disease and cirrhosis (571)</b>					
1955-59.....	---	24.2	---	---	4.2
1960-64.....	---	32.3	7.7	---	4.8
1965-69.....	11.0	35.6	7.0	---	4.8
1970-74.....	---	34.8	8.3	9.1	5.2
1975-79.....	---	31.9	8.4	---	4.5
1980-84.....	7.8	26.4	9.3	7.8	4.5
1985-89.....	6.1	20.9	10.5	6.7	4.5

**Table 4-10. Age-adjusted 5-year mortality rates among females for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Cause and year	Argentina	Chile	Costa Rica	Cuba	Uruguay
<b>Unintentional injuries—motor vehicle crashes (E810-E819)</b>					
1955-59.....	---	2.1	---	---	1.5
1960-64.....	---	2.7	2.5	---	2.8
1965-69.....	7.3	5.7	5.5	---	2.8
1970-74.....	---	7.1	8.0	4.5	3.0
1975-79.....	---	4.3	10.5	---	2.7
1980-84.....	6.3	4.7	6.6	---	5.4
1985-89.....	4.9	2.6	6.6	---	5.6
<b>Unintentional injuries—all other (E800-E807, E826-E949)</b>					
1955-59.....	---	26.6	---	---	17.9
1960-64.....	---	29.9	17.6	---	18.6
1965-69.....	19.1	25.3	17.7	---	20.6
1970-74.....	---	16.6	13.7	21.3	23.4
1975-79.....	---	15.8	16.2	---	21.9
1980-84.....	17.8	17.6	18.8	<sup>1</sup> 43.5	22.9
1985-89.....	17.2	15.2	21.8	<sup>1</sup> 55.1	21.0
<b>Suicide (E950-E959)</b>					
1955-59.....	---	2.5	---	---	5.7
1960-64.....	---	2.5	1.0	---	5.4
1965-69.....	4.6	2.6	0.6	---	5.8
1970-74.....	---	2.4	1.3	14.5	5.1
1975-79.....	---	2.1	2.1	---	5.0
1980-84.....	3.9	1.7	1.8	---	3.8
1985-89.....	4.5	2.0	1.4	---	4.0
<b>Homicide (E960-E969)</b>					
1955-59.....	---	1.1	---	---	1.8
1960-64.....	---	0.9	1.2	---	1.7
1965-69.....	2.1	1.3	1.6	---	2.0
1970-74.....	---	1.0	1.8	2.6	1.1
1975-79.....	---	0.9	1.7	---	1.2
1980-84.....	1.8	0.9	1.6	---	1.4
1985-89.....	1.9	0.7	1.8	---	1.6

<sup>1</sup>Includes unintentional injuries—motor vehicle crashes.



**Table 4-10. Age-adjusted 5-year mortality rates among females for selected causes: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Cause and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
Symptoms, signs, and ill-defined conditions (780-799)					
1955-59.....	---	250.8	---	---	62.9
1960-64.....	---	170.1	139.0	---	55.4
1965-69.....	83.5	133.1	103.4	---	58.8
1970-74.....	---	105.7	93.1	5.3	54.9
1975-79.....	---	120.6	68.9	---	52.2
1980-84.....	21.1	87.0	55.2	2.5	51.9
1985-89.....	18.1	70.1	26.5	1.4	50.3



# Selected neoplasm sites





This section presents data for those neoplasm sites that were possible to identify with the restrictions imposed by the three-digit, special tabulation list in the World Health Organization database. Rates were calculated only when data for 2 years or more were available.



**Males**

**Table 5-1. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: English-speaking countries, 1955-89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<b>All sites (140-208)</b>									
1955-59 .....	204.2	202.8	197.8	208.5	193.5	256.1	255.1	275.8	217.5
1960-64 .....	212.5	211.5	206.3	216.3	202.7	266.7	265.6	290.9	218.9
1965-69 .....	224.5	222.7	221.1	228.1	216.9	278.7	277.5	303.6	233.1
1970-74 .....	235.0	237.6	240.3	253.2	236.2	284.0	282.5	308.3	248.7
1975-79 .....	241.6	244.0	242.1	259.5	249.2	285.5	283.6	311.0	260.5
1980-84 .....	247.5	250.9	248.4	261.5	250.7	282.6	280.9	307.7	253.4
1985-89 .....	246.9	259.3	250.3	262.3	266.9	282.6	280.6	306.3	269.8
<b>Lip, oral cavity, and pharynx (140-149)</b>									
1955-59 .....	7.0	7.0	5.8	5.3	11.3	7.2	7.0	8.5	8.1
1960-64 .....	6.9	6.6	5.0	4.5	8.9	5.6	5.5	6.5	6.4
1965-69 .....	6.9	6.6	5.4	4.0	7.3	4.9	4.8	6.0	5.8
1970-74 .....	6.9	6.6	5.9	5.1	6.8	4.5	4.4	4.8	5.3
1975-79 .....	6.7	6.6	6.2	5.3	6.4	4.3	4.2	4.7	3.9
1980-84 .....	6.3	6.3	6.5	5.6	6.2	4.3	4.2	4.9	3.5
1985-89 .....	5.4	6.6	6.8	5.9	6.8	4.3	4.1	5.8	4.8
<b>Esophagus (150)</b>									
1955-59 .....	5.5	4.6	5.0	5.5	6.5	7.2	7.1	9.0	5.9
1960-64 .....	5.6	4.7	5.3	5.4	8.1	6.9	6.9	8.1	5.1
1965-69 .....	5.7	5.2	5.4	6.1	7.6	7.4	7.3	8.9	6.7
1970-74 .....	5.9	5.4	6.2	6.8	8.1	8.0	7.9	9.3	6.4
1975-79 .....	6.2	5.6	6.7	7.1	9.2	8.6	8.4	11.0	6.9
1980-84 .....	6.5	5.8	6.4	6.9	9.4	9.5	9.3	12.5	8.0
1985-89 .....	6.7	6.3	6.8	7.8	10.0	11.1	10.8	13.9	9.3
<b>Stomach (151)</b>									
1955-59 .....	21.3	34.4	32.8	31.9	40.6	41.0	40.6	44.6	42.1
1960-64 .....	17.7	29.6	27.3	28.4	37.3	38.0	37.8	39.8	38.7
1965-69 .....	14.2	25.1	24.0	25.3	35.3	34.7	34.5	37.3	33.3
1970-74 .....	11.9	21.8	22.0	23.0	32.7	31.6	31.6	31.8	31.7
1975-79 .....	10.2	18.2	18.0	20.5	27.9	28.5	28.4	28.9	30.6
1980-84 .....	9.1	15.0	15.7	18.0	23.0	24.8	24.8	24.3	24.2
1985-89 .....	8.1	13.1	13.8	15.6	20.8	21.7	21.6	21.8	21.6

**Table 5-1. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>Small intestine and colon (152-153)</b>									
1955-59	19.6	21.4	20.1	19.3	18.8	21.3	20.6	27.9	20.6
1960-64	20.3	21.4	19.4	19.6	18.5	19.7	19.1	25.8	19.2
1965-69	21.3	22.5	20.2	21.6	20.7	19.8	19.3	24.2	20.7
1970-74	22.3	23.3	21.6	25.5	22.4	20.3	19.8	23.8	23.4
1975-79	23.3	22.6	23.3	24.5	24.3	19.7	19.2	23.6	24.0
1980-84	23.3	20.8	23.0	24.4	22.3	19.3	19.0	21.2	22.8
1985-89	23.2	21.1	24.0	23.3	27.0	20.1	19.9	20.8	24.6
<b>Rectum (154)</b>									
1955-59	9.6	11.6	10.0	12.2	12.4	16.5	16.5	16.4	13.9
1960-64	8.7	10.9	8.9	11.8	10.7	15.1	15.1	15.9	12.5
1965-69	8.0	10.9	9.0	12.3	11.8	14.7	14.8	14.6	12.9
1970-74	7.1	10.4	9.7	14.1	12.5	14.2	14.3	14.0	13.0
1975-79	6.0	9.8	9.3	14.1	12.9	14.1	14.2	13.6	12.0
1980-84	4.9	8.7	9.9	15.8	11.8	13.2	13.3	12.6	10.6
1985-89	4.1	7.7	9.7	16.1	10.6	12.3	12.3	12.3	11.4
<b>Liver (155.0)</b>									
1980-84	1.9	1.9	2.6	2.5	1.0	1.7	1.6	2.4	0.8
1985-89	2.2	2.5	2.5	3.1	1.0	1.8	1.7	2.5	1.4
<b>Pancreas (157)</b>									
1980-84	12.0	13.4	11.2	11.4	14.0	12.1	12.1	12.5	10.7
1985-89	11.5	12.8	10.4	10.7	13.6	11.4	11.3	11.5	11.4
<b>Larynx (161)</b>									
1955-59	3.0	2.6	2.7	2.5	3.8	3.4	3.5	3.2	2.7
1960-64	3.1	2.6	2.8	1.9	3.3	3.1	3.1	3.0	2.4
1965-69	3.3	2.9	2.9	2.6	3.3	2.8	2.8	3.0	2.5
1970-74	3.3	3.3	3.1	2.4	3.1	2.7	2.7	3.0	2.7
1975-79	3.3	3.5	3.4	2.3	3.5	2.6	2.6	2.7	2.9
1980-84	3.1	3.7	3.2	2.7	3.6	2.5	2.5	2.7	2.1
1985-89	2.9	3.7	3.1	2.4	3.7	2.6	2.6	2.8	2.9



**Table 5-1. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Site of neoplasm and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>Trachea, bronchus, and lung (162)</b>									
1955-59	39.0	32.2	33.2	40.2	30.0	79.8	80.5	82.0	47.2
1960-64	48.8	40.9	44.9	48.2	38.5	93.9	94.2	101.3	54.2
1965-69	60.3	51.7	56.8	59.4	49.5	104.3	104.3	114.3	65.7
1970-74	71.0	63.8	66.1	67.1	59.6	109.6	109.2	123.2	74.5
1975-79	78.1	73.1	69.9	74.3	68.2	109.7	108.8	125.5	80.9
1980-84	83.4	81.5	72.3	75.3	72.1	104.2	103.0	122.4	82.1
1985-89	84.3	84.5	68.6	70.0	74.5	95.1	93.4	115.5	86.0
<b>Prostate (185)</b>									
1955-59	23.6	22.3	25.9	24.9	14.2	19.8	19.8	19.9	19.7
1960-64	23.1	22.7	25.0	23.9	16.9	20.6	20.5	21.4	20.1
1965-69	23.0	23.0	25.6	24.5	19.9	20.9	21.0	20.3	20.9
1970-74	23.9	24.7	27.2	28.7	22.6	20.3	20.3	19.7	22.0
1975-79	24.8	24.9	26.2	27.7	24.5	20.8	20.9	19.5	23.4
1980-84	25.9	25.3	26.4	28.5	24.4	22.4	22.5	21.3	22.3
1985-89	27.1	28.6	28.7	30.7	28.1	26.8	27.1	23.9	24.2
<b>Bladder (188)</b>									
1980-84	7.2	8.1	8.1	8.1	7.4	12.3	12.3	12.3	8.9
1985-89	6.4	7.9	8.0	8.1	7.6	12.1	12.1	12.4	8.8
<b>Skin (172-173)</b>									
1955-59	3.5	2.8	5.8	4.5	4.9	2.6	2.5	3.3	2.5
1960-64	3.6	2.8	6.4	4.1	4.6	2.4	2.2	3.3	3.1
1965-69	3.6	2.9	6.5	5.3	4.3	2.4	2.3	2.7	3.5
1970-74	3.4	2.6	6.7	5.4	3.8	2.4	2.4	3.1	2.7
1975-79	3.7	2.5	7.9	7.4	3.1	2.6	2.6	3.1	2.1
1980-84	3.1	3.0	8.6	8.9	3.6	2.6	2.7	2.6	2.6
1985-89	4.9	3.4	9.3	9.4	4.9	2.9	2.9	3.1	2.4
<b>Leukemia (204-208)</b>									
1955-59	9.4	7.7	6.9	8.5	4.7	6.2	6.2	6.0	5.4
1960-64	9.9	8.8	8.0	9.0	6.6	6.9	6.9	6.5	7.9
1965-69	10.1	9.2	8.2	8.4	7.1	7.2	7.2	7.0	7.1
1970-74	9.7	9.4	8.9	9.3	7.7	7.3	7.3	7.0	7.8
1975-79	9.6	9.7	8.5	9.1	7.0	7.5	7.5	7.3	8.3
1980-84	9.5	9.4	8.9	8.8	8.0	7.5	7.6	6.8	7.8
1985-89	9.1	9.4	8.9	8.9	8.3	7.5	7.6	6.8	6.5

**Table 5-1. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>United States</i>	<i>Canada</i>	<i>Australia</i>	<i>New Zealand</i>	<i>Ireland</i>	<i>United Kingdom</i>	<i>England and Wales</i>	<i>Scotland</i>	<i>Northern Ireland</i>
<i>Other and unspecified sites (190-199)</i>									
1955-59 . . . . .	50.2	44.6	40.1	41.6	37.3	41.7	41.5	43.9	40.4
1960-64 . . . . .	51.7	47.9	42.1	47.0	39.3	44.4	44.3	46.9	40.1
1965-69 . . . . .	54.1	49.6	44.7	45.6	39.8	48.7	48.5	52.2	43.9
1970-74 . . . . .	55.0	52.8	49.4	51.3	46.0	52.1	51.7	56.5	47.6
1975-79 . . . . .	48.5	45.8	42.8	45.7	43.4	48.0	47.8	50.4	46.7
1980-84 . . . . .	23.4	17.2	19.3	18.7	17.5	22.8	22.8	22.8	21.8
1985-89 . . . . .	24.2	18.9	21.9	22.2	19.9	26.5	26.6	25.8	22.7

**Table 5-2. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Western and Southern European countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>All sites (140-208)</b>										
1955-59	282.5	234.4	237.2	228.7	255.4	232.8	186.6	---	160.4	138.7
1960-64	289.5	262.9	253.2	251.0	254.6	257.8	210.3	170.7	189.2	156.6
1965-69	292.9	281.1	266.2	272.9	259.5	272.2	232.5	184.2	194.1	173.1
1970-74	291.0	296.3	270.5	286.9	270.2	278.7	251.7	186.6	205.0	186.8
1975-79	283.2	313.1	278.2	300.6	268.2	292.6	259.7	210.7	221.9	198.9
1980-84	279.8	326.0	278.8	308.1	274.0	302.7	280.2	213.2	228.4	199.5
1985-89	265.7	316.4	278.9	309.0	271.9	306.7	290.0	217.2	244.2	208.4
<b>Lip, oral cavity, and pharynx (140-149)</b>										
1955-59	4.8	4.1	2.5	2.9	10.0	10.4	7.8	---	3.7	6.3
1960-64	4.2	4.5	2.7	2.7	10.2	12.6	8.3	2.1	4.6	6.9
1965-69	4.7	4.3	2.9	2.7	9.5	15.4	8.6	2.1	4.2	6.9
1970-74	5.8	4.0	3.2	3.0	9.4	18.8	9.0	2.2	4.7	7.4
1975-79	6.1	4.5	4.4	2.9	9.2	21.3	8.7	2.4	5.7	7.3
1980-84	6.7	5.5	6.3	3.2	10.0	21.9	9.3	2.5	6.5	6.9
1985-89	8.0	5.5	8.3	3.7	9.4	20.0	9.3	2.5	8.3	7.4
<b>Esophagus (150)</b>										
1955-59	7.1	5.7	6.3	5.4	18.2	16.8	5.9	---	4.0	6.4
1960-64	6.3	5.8	6.1	5.0	16.4	19.6	6.5	2.5	5.4	7.4
1965-69	7.3	6.0	5.8	4.7	14.0	20.9	6.8	2.6	6.0	8.0
1970-74	6.3	5.6	5.5	4.9	12.6	20.7	6.9	2.8	7.0	8.7
1975-79	5.7	6.2	5.7	5.0	10.9	20.3	7.1	3.2	7.9	8.8
1980-84	5.9	6.6	6.2	5.6	9.4	18.8	7.0	2.9	7.9	8.4
1985-89	5.3	7.3	7.1	7.0	8.5	17.0	6.7	2.5	8.0	8.5
<b>Stomach (151)</b>										
1955-59	72.0	50.1	65.2	53.0	55.9	40.8	52.2	---	42.6	43.0
1960-64	68.0	47.0	60.4	47.6	47.0	37.5	52.0	24.3	46.8	47.7
1965-69	61.5	40.7	54.2	42.0	39.6	31.6	49.3	23.5	44.6	50.0
1970-74	52.8	34.3	45.9	35.9	33.0	26.1	44.4	21.0	40.1	51.8
1975-79	43.8	27.5	38.2	31.2	26.7	22.0	36.9	20.3	34.7	48.1
1980-84	37.1	24.1	30.8	26.1	20.8	18.5	33.9	17.3	26.8	41.7
1985-89	29.1	20.4	25.2	22.5	17.0	15.6	29.8	15.2	23.8	37.9

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 5-2. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
<b>Small intestine and colon (152-153)</b>										
1955-59 . . . . .	16.1	18.6	10.8	15.3	18.1	17.9	9.6	---	7.2	8.8
1960-64 . . . . .	15.3	19.5	13.8	16.3	17.6	18.6	11.9	6.9	9.7	10.5
1965-69 . . . . .	17.6	20.5	17.6	17.4	18.7	19.5	13.9	6.6	9.6	12.2
1970-74 . . . . .	21.3	21.1	20.0	18.3	20.0	20.2	16.3	7.8	10.0	12.5
1975-79 . . . . .	21.9	21.5	21.8	20.2	19.8	20.5	16.2	8.4	10.8	14.5
1980-84 . . . . .	21.8	21.9	21.8	20.4	20.2	19.3	13.8	7.5	9.2	11.6
1985-89 . . . . .	21.1	22.3	23.2	22.5	20.8	20.2	15.9	8.6	13.4	14.3
<b>Rectum (154)</b>										
1955-59 . . . . .	13.5	15.1	12.2	11.2	13.7	10.7	6.2	---	3.6	5.2
1960-64 . . . . .	13.6	15.3	12.3	11.2	12.4	11.0	7.3	1.0	4.5	5.4
1965-69 . . . . .	14.5	14.4	13.3	11.1	13.0	11.1	8.6	1.1	4.8	6.3
1970-74 . . . . .	15.5	13.1	14.9	11.1	12.3	11.1	9.6	1.0	5.7	8.6
1975-79 . . . . .	15.8	11.8	14.9	10.6	10.7	11.0	9.5	1.3	6.7	9.9
1980-84 . . . . .	14.4	10.9	13.1	9.8	10.5	10.2	9.3	1.4	6.9	8.1
1985-89 . . . . .	13.7	10.6	11.5	8.6	9.6	8.7	9.0	1.4	6.5	8.1
<b>Liver (155.0)</b>										
1980-84 . . . . .	5.3	4.8	2.4	1.7	---	5.1	8.2	1.9	10.2	1.3
1985-89 . . . . .	4.8	2.9	3.3	1.9	---	8.3	9.2	1.3	4.3	1.7
<b>Pancreas (157)</b>										
1980-84 . . . . .	13.2	11.6	12.1	14.3	---	10.7	9.8	7.7	6.7	7.2
1985-89 . . . . .	13.3	11.5	12.6	13.1	---	11.1	10.9	8.6	8.0	8.4
<b>Larynx (161)</b>										
1955-59 . . . . .	5.1	5.2	2.8	2.3	5.4	12.6	5.7	---	8.6	6.4
1960-64 . . . . .	5.5	6.1	3.0	2.5	4.6	14.6	6.9	6.2	9.5	7.4
1965-69 . . . . .	5.5	7.1	3.4	2.5	5.0	15.9	8.4	6.4	10.0	7.9
1970-74 . . . . .	4.8	6.7	3.5	2.9	4.8	16.2	9.5	6.2	10.2	7.7
1975-79 . . . . .	5.2	7.0	3.6	2.9	4.6	16.7	9.6	6.1	10.8	7.5
1980-84 . . . . .	5.6	6.8	3.8	2.8	4.1	14.8	9.5	5.6	10.7	8.3
1985-89 . . . . .	5.0	6.9	4.0	2.7	3.4	12.4	8.8	5.5	10.4	7.4

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.

**Table 5-2. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Site of neoplasm and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>Trachea, bronchus, and lung (162)</b>										
1955-59	65.5	43.4	42.9	50.2	40.9	26.3	24.1	---	19.0	11.0
1960-64	72.4	60.3	55.1	67.4	47.7	34.6	34.0	39.4	25.5	13.5
1965-69	76.1	75.4	62.6	84.5	56.1	42.0	46.3	47.4	29.6	16.9
1970-74	76.4	94.2	67.5	99.7	63.7	48.0	57.6	52.1	35.5	20.3
1975-79	76.0	109.0	72.4	112.0	71.1	56.9	68.9	63.5	45.6	25.5
1980-84	74.2	117.8	73.8	117.0	72.0	63.1	80.5	67.3	53.6	30.3
1985-89	68.8	115.7	73.2	114.6	69.5	67.7	86.0	72.6	63.0	36.1
<b>Prostate (185)</b>										
1955-59	21.4	22.3	19.4	22.2	25.6	22.7	12.3	---	12.5	15.0
1960-64	22.8	26.4	20.6	24.0	27.4	26.2	14.5	7.9	18.0	17.2
1965-69	24.0	26.8	22.7	26.4	29.2	27.2	16.2	9.6	18.7	20.6
1970-74	24.5	26.5	25.3	26.2	33.5	25.6	17.9	10.5	20.8	23.0
1975-79	25.7	29.0	27.9	27.8	32.5	25.9	17.9	11.7	22.0	23.9
1980-84	26.6	30.7	28.2	28.7	36.8	27.8	19.0	12.9	21.8	22.4
1985-89	28.2	28.9	29.3	31.0	39.7	30.1	20.1	14.1	22.7	22.3
<b>Bladder (188)</b>										
1980-84	10.7	14.1	12.0	12.1	---	10.8	13.6	9.9	11.6	7.5
1985-89	10.1	12.6	11.6	12.3	---	11.0	14.6	11.1	13.0	8.0
<b>Skin (172-173)</b>										
1955-59	2.7	2.7	2.4	2.6	3.5	3.3	3.0	---	2.5	2.2
1960-64	2.7	2.3	2.7	2.5	3.5	3.1	2.6	1.8	2.6	2.3
1965-69	2.9	2.7	3.0	2.5	3.8	2.9	2.6	1.5	2.2	2.7
1970-74	3.1	2.2	2.6	2.7	4.2	2.5	2.4	1.5	2.1	2.9
1975-79	3.1	2.2	2.8	2.9	4.7	2.6	2.2	1.5	2.3	3.0
1980-84	3.8	2.3	2.9	3.1	5.1	2.5	3.0	1.5	2.5	1.4
1985-89	4.9	2.5	3.1	3.3	5.9	2.5	3.1	1.6	3.0	2.1

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.

**Table 5-2. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
<b>Leukemia (204-208)</b>										
1955-59.....	7.1	6.2	6.6	7.7	7.4	6.7	5.9	---	3.4	3.7
1960-64.....	7.4	7.7	7.4	8.5	8.0	7.8	7.2	8.2	4.2	5.0
1965-69.....	7.3	7.7	7.6	9.4	8.2	8.6	8.2	9.1	4.7	6.1
1970-74.....	8.3	8.0	7.9	9.0	9.0	9.0	8.5	8.6	5.2	6.5
1975-79.....	7.9	8.9	8.6	9.0	8.3	9.6	8.8	9.2	5.9	6.5
1980-84.....	8.1	8.7	8.6	8.4	8.8	9.5	9.2	8.6	6.5	6.7
1985-89.....	8.2	9.0	8.7	8.3	8.6	9.3	9.3	8.2	7.0	6.4
<b>Other and unspecified sites (190-199)</b>										
1955-59.....	57.5	51.4	57.6	44.3	45.4	56.0	43.4	---	49.1	25.2
1960-64.....	60.1	58.4	59.3	50.4	47.8	62.6	47.7	62.5	52.2	26.0
1965-69.....	60.0	64.9	62.2	56.3	50.2	67.2	52.2	65.5	53.5	27.6
1970-74.....	62.4	69.0	64.1	60.7	55.3	69.9	57.9	63.6	56.3	29.9
1975-79.....	62.0	65.1	57.9	53.8	57.2	64.3	51.7	60.7	61.4	35.9
1980-84.....	14.1	33.6	23.9	21.9	62.5	28.0	16.9	22.6	22.9	12.4
1985-89.....	13.6	33.0	24.0	23.5	64.4	27.7	17.1	22.3	22.9	14.2

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 5-3. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Eastern European countries, 1955-89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Site of neoplasm and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>All sites (140-208)</b>								
1955-59	---	---	242.3	---	205.9	---	---	---
1960-64	---	---	273.4	---	228.3	180.9	179.7	139.2
1965-69	---	196.8	293.0	---	249.9	210.3	176.6	150.2
1970-74	---	186.5	304.4	241.3	277.5	230.2	179.7	172.2
1975-79	---	179.3	312.7	240.8	299.0	241.4	183.2	191.9
1980-84	---	184.1	319.4	243.3	324.3	268.2	177.9	211.4
1985-89	274.9	195.3	334.7	244.0	345.6	288.2	188.4	220.0
<b>Lip, oral cavity, and pharynx (140-149)</b>								
1955-59	---	---	5.2	---	6.5	---	---	---
1960-64	---	---	5.5	---	6.5	4.2	3.5	3.4
1965-69	---	3.1	4.8	---	6.2	5.3	3.9	3.2
1970-74	---	2.5	5.1	3.2	7.3	6.9	4.0	4.3
1975-79	---	2.7	6.1	3.5	9.1	6.8	4.5	5.3
1980-84	---	3.3	8.4	4.9	13.4	7.4	6.0	7.1
1985-89	9.3	5.0	11.2	6.3	17.3	8.1	7.2	8.7
<b>Esophagus (150)</b>								
1955-59	---	---	4.5	---	3.7	---	---	---
1960-64	---	---	4.3	---	3.8	7.0	2.6	3.0
1965-69	---	2.1	3.8	---	3.8	7.1	2.8	3.2
1970-74	---	1.8	4.0	4.3	3.8	6.8	2.5	3.6
1975-79	---	1.8	4.2	4.4	4.7	6.0	2.4	4.5
1980-84	---	1.8	4.9	4.7	6.9	6.6	2.2	5.6
1985-89	12.2	2.7	5.8	5.5	9.0	7.2	2.4	5.2
<b>Stomach (151)</b>								
1955-59	---	---	67.5	---	70.3	---	---	---
1960-64	---	---	65.5	---	67.2	61.9	54.4	32.2
1965-69	---	55.8	60.8	---	62.7	61.2	47.4	32.4
1970-74	---	46.9	53.0	43.4	59.3	55.4	43.9	34.3
1975-79	---	40.1	45.4	38.7	52.7	49.0	40.8	32.4
1980-84	---	35.1	37.2	32.6	45.5	43.1	32.4	29.9
1985-89	54.6	31.1	31.1	27.4	37.2	37.8	28.1	26.8

**Table 5-3. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Small intestine and colon (152-153)</b>								
1955-59	---	---	9.5	---	9.3	---	---	---
1960-64	---	---	10.0	---	10.3	4.8	5.3	2.9
1965-69	---	5.0	12.2	---	12.8	6.5	4.9	4.0
1970-74	---	5.6	14.2	12.0	16.0	7.3	5.0	5.4
1975-79	---	6.6	16.7	12.5	19.3	7.8	5.8	6.5
1980-84	---	7.6	19.4	12.5	20.4	7.5	6.8	7.5
1985-89	9.9	8.8	22.7	13.7	23.2	9.1	7.6	8.6
<b>Rectum (154)</b>								
1955-59	---	---	12.3	---	8.5	---	---	---
1960-64	---	---	13.2	---	9.6	4.0	3.6	4.4
1965-69	---	5.9	15.8	---	11.2	5.2	3.9	5.1
1970-74	---	6.9	17.7	14.2	13.1	7.4	4.7	6.6
1975-79	---	9.1	19.4	14.6	14.7	8.8	5.2	8.3
1980-84	---	11.4	20.6	15.8	18.2	11.7	5.9	10.0
1985-89	11.9	13.5	22.9	15.5	19.4	12.6	6.4	11.1
<b>Liver (155.0)</b>								
1980-84	---	12.3	---	---	11.4	11.3	2.4	8.8
1985-89	---	11.6	7.2	2.7	11.7	10.7	3.0	---
<b>Pancreas (157)</b>								
1980-84	---	7.9	13.5	10.1	13.8	10.2	7.9	7.7
1985-89	---	8.8	15.1	10.1	15.3	12.0	8.6	9.2
<b>Larynx (161)</b>								
1955-59	---	---	4.0	---	5.7	---	---	---
1960-64	---	---	4.1	---	5.9	3.3	6.1	4.6
1965-69	---	5.2	5.0	---	6.4	4.7	6.4	5.9
1970-74	---	5.7	5.6	3.1	7.9	5.0	6.9	6.9
1975-79	---	5.6	6.4	3.1	8.8	7.0	6.8	8.2
1980-84	---	5.3	6.8	3.3	9.1	9.0	6.6	8.8
1985-89	9.4	6.4	7.6	3.4	10.8	10.2	7.2	8.9

**Table 5-3. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Site of neoplasm and year</i>	<i>U.S.S.R.</i>	<i>Bulgaria</i>	<i>Czechoslovakia</i>	<i>German Democratic Republic</i>	<i>Hungary</i>	<i>Poland</i>	<i>Romania</i>	<i>Yugoslavia</i>
<b>Trachea, bronchus, and lung (162)</b>								
1955-59 .....	---	---	54.6	---	33.1	---	---	---
1960-64 .....	---	---	74.6	---	43.9	30.7	34.0	28.6
1965-69 .....	---	52.2	86.5	---	55.7	44.7	37.8	34.2
1970-74 .....	---	51.5	92.9	75.1	64.1	57.8	39.9	42.8
1975-79 .....	---	50.5	98.5	75.9	76.3	69.6	43.4	50.6
1980-84 .....	---	53.0	103.4	76.1	92.0	84.2	45.4	59.0
1985-89 .....	86.8	56.2	106.7	72.9	104.3	96.2	52.2	65.7
<b>Prostate (185)</b>								
1955-59 .....	---	---	13.0	---	14.0	---	---	---
1960-64 .....	---	---	13.9	---	18.8	8.3	12.7	8.4
1965-69 .....	---	9.9	15.1	---	22.7	13.0	12.3	10.5
1970-74 .....	---	10.4	16.9	15.0	26.2	13.7	13.7	11.9
1975-79 .....	---	10.1	18.6	15.6	27.6	13.5	14.0	15.8
1980-84 .....	---	11.2	20.0	17.0	26.6	14.4	12.0	16.8
1985-89 .....	9.5	12.3	22.0	17.7	27.2	15.6	12.0	14.0
<b>Bladder (188)</b>								
1980-84 .....	---	6.5	11.3	11.1	11.5	10.6	6.5	6.7
1985-89 .....	---	6.8	11.6	11.9	11.4	11.4	7.7	6.9
<b>Skin (172-173)</b>								
1955-59 .....	---	---	3.0	---	4.0	---	---	---
1960-64 .....	---	---	3.5	---	4.0	1.8	1.5	2.4
1965-69 .....	---	2.5	3.6	---	3.9	2.8	1.8	2.2
1970-74 .....	---	2.8	3.6	2.3	4.5	2.9	2.8	2.4
1975-79 .....	---	2.1	4.0	2.7	4.2	3.0	2.6	2.5
1980-84 .....	---	2.4	4.7	2.9	4.2	3.3	2.7	2.7
1985-89 .....	---	2.5	5.3	3.1	4.8	3.8	3.6	3.4



**Table 5-3. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Site of neoplasm and year</i>	<i>U.S.S.R.</i>	<i>Bulgaria</i>	<i>Czechoslovakia</i>	<i>German Democratic Republic</i>	<i>Hungary</i>	<i>Poland</i>	<i>Romania</i>	<i>Yugoslavia</i>
Leukemia (204-208)								
1955-59 .....	---	---	6.9	---	5.8	---	---	---
1960-64 .....	---	---	7.4	---	6.9	5.4	4.4	4.6
1965-69 .....	---	5.5	8.4	---	7.6	6.2	5.1	5.1
1970-74 .....	---	5.2	8.7	7.4	8.1	6.9	5.3	5.1
1975-79 .....	---	5.6	9.2	7.3	8.3	7.2	5.5	5.0
1980-84 .....	---	5.5	9.0	7.5	9.3	7.4	5.3	4.0
1985-89 .....	6.9	5.6	8.9	7.5	10.0	7.6	5.6	5.8
Other and unspecified sites (190-199)								
1955-59 .....	---	---	52.0	---	36.5	---	---	---
1960-64 .....	---	---	59.4	---	41.7	44.3	43.4	37.8
1965-69 .....	---	41.7	65.0	---	45.9	45.9	40.9	36.7
1970-74 .....	---	39.5	71.0	52.1	56.0	52.1	41.5	40.8
1975-79 .....	---	38.1	73.0	53.7	50.6	54.7	42.9	37.5
1980-84 .....	---	8.0	13.7	11.1	10.8	14.1	8.6	16.2
1985-89 .....	---	9.4	13.9	12.9	11.6	16.4	10.0	17.7

**Table 5-4. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Scandinavian and Asian countries, 1955-89**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Site of neoplasm and year	Denmark	Sweden	Norway	Finland	Japan	Hong Kong	Singapore	Israel
<b>All sites (140-208)</b>								
1955-59 .....	234.7	183.5	186.6	274.3	184.5	---	---	---
1960-64 .....	247.0	198.2	189.1	281.5	198.8	194.3	---	---
1965-69 .....	242.5	196.4	195.9	280.2	206.5	222.6	---	---
1970-74 .....	252.3	219.3	202.7	282.0	208.7	239.6	---	---
1975-79 .....	259.3	229.1	215.4	276.7	212.4	270.3	320.4	195.4
1980-84 .....	280.2	208.0	224.0	265.8	221.8	256.1	275.3	182.4
1985-89 .....	278.5	201.2	230.3	246.5	228.0	257.3	267.9	178.5
<b>Lip, oral cavity, and pharynx (140-149)</b>								
1955-59 .....	3.5	3.4	4.8	6.1	1.9	---	---	---
1960-64 .....	3.3	3.5	4.5	5.0	2.0	22.3	---	---
1965-69 .....	3.0	3.5	4.1	4.2	2.1	24.5	---	---
1970-74 .....	3.2	3.6	4.7	3.6	2.3	23.9	---	---
1975-79 .....	3.8	3.9	4.0	3.8	2.6	24.0	25.8	2.2
1980-84 .....	4.7	4.0	4.2	3.5	2.9	23.0	20.6	2.1
1985-89 .....	5.1	3.7	4.3	3.1	3.1	19.7	17.7	1.8
<b>Esophagus (150)</b>								
1955-59 .....	5.6	4.2	4.6	12.0	10.1	---	---	---
1960-64 .....	4.6	4.0	4.5	10.0	10.6	14.7	---	---
1965-69 .....	4.1	3.9	4.1	7.9	11.2	15.3	---	---
1970-74 .....	4.6	4.4	3.6	6.7	11.6	16.2	---	---
1975-79 .....	4.8	4.5	4.0	5.7	10.7	18.5	20.3	3.4
1980-84 .....	6.2	4.5	3.9	5.1	10.4	16.3	15.4	2.7
1985-89 .....	6.8	4.4	3.8	4.7	10.4	15.9	12.7	2.7
<b>Stomach (151)</b>								
1955-59 .....	46.3	45.4	52.1	81.1	100.7	---	---	---
1960-64 .....	39.4	39.3	43.1	66.9	100.5	27.4	---	---
1965-69 .....	31.1	31.6	39.4	54.8	98.1	25.8	---	---
1970-74 .....	26.2	27.5	30.9	43.8	89.4	25.9	---	---
1975-79 .....	21.8	23.8	25.8	35.3	78.3	21.7	54.0	20.1
1980-84 .....	17.9	18.6	22.1	28.5	68.2	18.6	36.2	16.5
1985-89 .....	14.1	15.2	19.1	23.2	58.2	17.0	33.7	14.2

**Table 5-4. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Small intestine and colon (152-153)</b>								
1955-59 . . . . .	20.1	14.6	11.6	7.1	3.8	---	---	---
1960-64 . . . . .	21.6	15.9	12.4	8.1	4.4	9.2	---	---
1965-69 . . . . .	19.7	15.9	14.3	8.7	5.3	12.1	---	---
1970-74 . . . . .	19.2	18.6	14.2	9.4	6.6	12.0	---	---
1975-79 . . . . .	21.7	18.3	15.0	9.9	8.4	12.3	17.3	17.8
1980-84 . . . . .	21.9	16.3	16.8	10.3	10.5	13.3	15.1	17.5
1985-89 . . . . .	22.7	15.9	18.6	11.2	12.9	14.5	18.0	18.4
<b>Rectum (154)</b>								
1955-59 . . . . .	19.8	10.2	7.7	6.6	6.4	---	---	---
1960-64 . . . . .	19.0	10.7	7.8	7.8	6.6	6.3	---	---
1965-69 . . . . .	16.8	9.9	8.3	8.0	7.4	6.5	---	---
1970-74 . . . . .	16.5	10.6	10.4	9.3	8.4	8.3	---	---
1975-79 . . . . .	16.0	10.6	11.7	9.5	9.0	10.1	12.9	6.6
1980-84 . . . . .	16.4	8.9	13.2	9.7	9.4	7.9	11.3	6.0
1985-89 . . . . .	14.5	8.5	13.1	8.6	9.5	8.2	11.5	4.9
<b>Liver (155.0)</b>								
1980-84 . . . . .	---	---	---	---	16.5	41.6	6.6	---
1985-89 . . . . .	---	3.2	1.5	3.8	20.9	40.4	4.4	4.3
<b>Pancreas (157)</b>								
1980-84 . . . . .	---	---	---	---	11.0	6.3	5.8	11.6
1985-89 . . . . .	---	13.0	12.8	14.7	12.8	6.1	7.9	11.4
<b>Larynx (161)</b>								
1955-59 . . . . .	1.6	0.8	0.6	3.9	2.4	---	---	---
1960-64 . . . . .	1.7	0.9	0.9	4.4	2.3	2.7	---	---
1965-69 . . . . .	1.8	1.0	1.2	4.6	2.3	2.6	---	---
1970-74 . . . . .	2.6	1.1	1.7	4.0	2.4	3.6	---	---
1975-79 . . . . .	2.8	1.4	1.4	3.0	2.0	5.8	8.1	3.2
1980-84 . . . . .	3.8	1.2	1.7	2.9	1.7	4.8	6.8	2.4
1985-89 . . . . .	3.3	1.1	1.8	2.3	1.5	4.5	5.4	1.9



**Table 5-4. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Trachea, bronchus, and lung (162)</b>								
1955-59 .....	34.7	17.4	13.7	73.0	10.7	---	---	---
1960-64 .....	46.7	22.4	18.5	85.5	16.2	35.0	---	---
1965-69 .....	56.8	26.3	23.3	93.3	21.0	47.8	---	---
1970-74 .....	66.4	33.0	28.3	97.2	26.0	56.0	---	---
1975-79 .....	73.1	38.0	35.0	97.3	32.7	78.8	90.5	37.6
1980-84 .....	81.4	36.8	41.1	92.2	39.7	81.0	82.2	36.4
1985-89 .....	81.4	35.9	45.2	79.1	45.1	82.5	80.2	36.0
<b>Prostate (185)</b>								
1955-59 .....	23.7	25.3	25.0	17.7	1.9	---	---	---
1960-64 .....	25.2	30.6	28.1	19.1	2.7	2.7	---	---
1965-69 .....	22.8	30.4	28.1	19.9	3.2	4.1	---	---
1970-74 .....	22.5	35.6	29.8	24.2	3.6	3.1	---	---
1975-79 .....	24.5	38.0	34.2	28.0	4.3	4.2	7.2	13.3
1980-84 .....	29.6	32.3	35.1	28.8	5.1	4.0	5.5	14.4
1985-89 .....	30.2	34.5	37.4	29.4	6.3	4.5	7.0	14.9
<b>Bladder (188)</b>								
1980-84 .....	---	---	---	---	4.0	6.0	5.1	9.2
1985-89 .....	---	7.2	9.8	6.9	3.8	6.7	5.1	8.5
<b>Skin (172-173)</b>								
1955-59 .....	2.9	2.3	2.8	2.8	1.6	---	---	---
1960-64 .....	3.0	2.6	2.9	2.6	1.4	0.8	---	---
1965-69 .....	3.2	2.8	3.2	3.5	1.3	0.9	---	---
1970-74 .....	3.7	3.3	4.3	4.0	1.3	0.5	---	---
1975-79 .....	3.5	3.8	5.1	3.8	1.1	0.6	1.0	3.3
1980-84 .....	4.4	4.0	4.8	3.8	0.8	0.8	1.5	3.2
1985-89 .....	4.7	4.4	5.5	3.6	0.7	0.7	1.3	3.5

**Table 5-4. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Leukemia (204-208)</b>								
1955-59 .....	10.0	8.4	8.1	6.7	3.0	---	---	---
1960-64 .....	10.6	9.5	8.8	8.3	3.6	3.1	---	---
1965-69 .....	10.2	9.1	9.3	8.5	4.1	3.8	---	---
1970-74 .....	9.5	8.9	8.3	9.0	4.5	3.2	---	---
1975-79 .....	9.6	8.8	8.3	9.0	5.0	5.7	5.5	9.5
1980-84 .....	9.8	8.1	8.7	8.7	5.4	4.5	4.4	8.0
1985-89 .....	10.1	7.0	7.3	8.0	5.8	4.7	4.7	8.6
<b>Other and unspecified sites (190-199)</b>								
1955-59 .....	53.3	40.8	44.1	47.7	37.6	---	---	---
1960-64 .....	58.2	46.9	45.3	52.7	43.1	65.1	---	---
1965-69 .....	60.0	49.0	48.2	54.7	44.5	72.9	---	---
1970-74 .....	65.1	58.9	55.1	57.7	46.3	80.9	---	---
1975-79 .....	66.4	62.9	57.6	58.4	41.2	46.8	38.0	54.2
1980-84 .....	71.6	60.3	59.5	58.6	7.6	11.5	10.3	26.4
1985-89 .....	71.6	31.0	29.7	30.9	6.9	15.1	13.9	27.3

**Table 5-5. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Latin American countries, 1955-89**

Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*

<i>Site of neoplasm and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>All sites (140-208)</b>					
1955-59 .....	---	219.8	---	---	276.5
1960-64 .....	---	217.8	236.7	---	289.0
1965-69 .....	270.1	238.1	213.2	---	314.1
1970-74 .....	---	240.1	186.7	202.3	320.9
1975-79 .....	---	218.1	201.1	---	299.1
1980-84 .....	226.3	216.0	211.5	194.6	292.6
1985-89 .....	226.1	214.0	254.7	195.7	306.8
<b>Lip, oral cavity, and pharynx (140-149)</b>					
1955-59 .....	---	2.8	---	---	6.7
1960-64 .....	---	3.1	6.7	---	7.1
1965-69 .....	5.8	3.3	6.0	---	8.2
1970-74 .....	---	3.6	3.8	11.3	9.2
1975-79 .....	---	4.1	4.6	---	8.7
1980-84 .....	5.9	3.7	4.7	9.3	9.4
1985-89 .....	5.8	3.3	5.8	8.2	9.3
<b>Esophagus (150)</b>					
1955-59 .....	---	13.1	---	---	24.9
1960-64 .....	---	13.6	36.6	---	23.4
1965-69 .....	19.0	16.6	8.0	---	25.6
1970-74 .....	---	16.5	5.9	7.7	23.8
1975-79 .....	---	14.7	7.3	---	22.7
1980-84 .....	13.9	13.7	4.9	6.7	20.4
1985-89 .....	13.4	12.9	7.5	6.5	18.3
<b>Stomach (151)</b>					
1955-59 .....	---	105.7	---	---	59.3
1960-64 .....	---	97.3	92.9	---	54.7
1965-69 .....	38.1	92.0	84.7	---	55.7
1970-74 .....	---	91.0	75.8	18.2	53.6
1975-79 .....	---	70.9	72.5	---	38.6
1980-84 .....	21.4	59.2	70.3	13.3	28.3
1985-89 .....	20.0	52.9	81.4	11.6	26.6



**Table 5-5. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
Small intestine and colon (152-153)					
1955-59 .....	---	4.6	---	---	16.2
1960-64 .....	---	4.6	6.9	---	17.1
1965-69 .....	18.5	6.6	4.9	---	21.1
1970-74 .....	---	7.3	4.3	10.5	23.3
1975-79 .....	---	7.1	5.5	---	20.2
1980-84 .....	14.6	7.0	5.7	10.5	18.4
1985-89 .....	15.9	6.9	7.5	11.4	19.9
Rectum (154)					
1955-59 .....	---	3.5	---	---	7.9
1960-64 .....	---	3.2	12.4	---	8.8
1965-69 .....	6.8	3.7	3.0	---	10.3
1970-74 .....	---	4.1	2.4	4.8	9.5
1975-79 .....	---	3.8	2.5	---	8.3
1980-84 .....	5.4	3.8	2.8	3.8	8.7
1985-89 .....	5.1	4.0	4.2	3.7	8.5
Liver (155.0)					
1980-84 .....	5.1	4.1	8.5	2.1	1.2
1985-89 .....	7.2	5.3	12.2	2.5	1.1
Pancreas (157)					
1980-84 .....	10.5	---	---	---	---
1985-89 .....	---	---	---	---	---
Larynx (161)					
1955-59 .....	---	2.2	---	---	10.1
1960-64 .....	---	2.0	3.0	---	9.4
1965-69 .....	7.3	2.8	1.9	---	9.8
1970-74 .....	---	2.9	3.0	8.3	10.8
1975-79 .....	---	3.4	3.0	---	10.0
1980-84 .....	7.4	3.1	4.0	8.4	10.9
1985-89 .....	7.2	3.1	5.5	8.1	10.5

**Table 5-5. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Latin American countries, 1955–89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>Trachea, bronchus, and lung (162)</b>					
1955–59 .....	---	18.4	---	---	49.3
1960–64 .....	---	19.4	8.9	---	56.8
1965–69 .....	65.3	23.8	11.3	---	64.1
1970–74 .....	---	27.2	12.3	58.6	65.9
1975–79 .....	---	28.6	17.8	---	70.2
1980–84 .....	59.0	31.1	23.6	58.8	76.1
1985–89 .....	57.5	31.5	25.7	59.6	80.1
<b>Prostate (185)</b>					
1955–59 .....	---	12.8	---	---	24.2
1960–64 .....	---	13.6	13.7	---	25.5
1965–69 .....	22.1	17.3	17.5	---	30.2
1970–74 .....	---	18.1	13.7	24.6	30.9
1975–79 .....	---	18.4	17.4	---	28.4
1980–84 .....	18.6	19.4	21.0	27.1	28.1
1985–89 .....	21.6	22.0	32.2	30.1	32.5
<b>Bladder (188)</b>					
1980–84 .....	10.0	4.3	4.0	7.5	12.0
1985–89 .....	9.1	4.5	4.3	6.8	11.4
<b>Skin (172–173)</b>					
1955–59 .....	---	1.3	---	--	3.0
1960–64 .....	---	1.3	3.7	---	2.9
1965–69 .....	2.7	2.2	2.9	---	2.3
1970–74 .....	---	1.9	1.8	2.1	2.6
1975–79 .....	---	1.8	1.3	---	2.8
1980–84 .....	1.6	0.9	1.0	0.6	1.2
1985–89 .....	1.1	1.1	1.0	0.5	1.5
<b>Leukemia (204–208)</b>					
1955–59 .....	---	4.1	---	---	7.5
1960–64 .....	---	3.8	5.8	---	8.0
1965–69 .....	6.6	4.9	4.4	---	8.5
1970–74 .....	---	4.6	4.9	5.7	8.9
1975–79 .....	---	4.9	7.1	---	6.9
1980–84 .....	6.7	5.0	6.8	6.2	6.7
1985–89 .....	6.1	4.9	8.4	6.2	7.6

**Table 5-5. Age-adjusted 5-year mortality rates among males for selected neoplasm sites: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Site of neoplasm and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
Other and unspecified sites (190-199)					
1955-59 .....	---	45.0	---	---	58.0
1960-64 .....	---	49.4	53.0	---	64.6
1965-69 .....	65.5	57.1	61.0	---	66.4
1970-74 .....	---	55.0	51.5	39.8	71.7
1975-79 .....	---	52.4	53.6	---	71.8
1980-84 .....	18.9	12.5	24.3	9.4	30.6
1985-89 .....	20.1	12.0	22.5	9.1	36.1



**Females**

**Table 5-6. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: English-speaking countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>All sites (140-208)</b>									
1955-59	160.4	167.8	146.9	161.3	160.6	169.3	167.5	187.2	170.4
1960-64	155.8	164.0	143.9	161.2	162.6	168.6	167.2	185.0	157.4
1965-69	155.4	161.4	144.1	161.1	170.6	171.6	170.4	185.5	165.4
1970-74	154.5	160.4	150.3	171.3	182.8	176.2	175.1	189.4	170.6
1975-79	153.7	156.7	146.3	177.4	183.4	180.6	179.4	193.4	176.5
1980-84	157.9	158.9	148.0	177.0	181.7	183.6	182.3	198.4	173.4
1985-89	161.3	164.2	151.0	183.1	187.8	189.6	188.5	202.4	180.7
<b>Lip, oral cavity, and pharynx (140-149)</b>									
1955-59	1.7	1.8	1.8	2.5	3.6	2.5	2.5	3.0	3.2
1960-64	1.9	1.8	1.8	2.2	3.0	2.3	2.3	2.7	3.1
1965-69	2.0	1.7	1.8	1.8	2.7	2.2	2.1	2.4	3.3
1970-74	2.2	2.0	1.9	1.7	2.6	2.0	2.0	2.0	2.5
1975-79	2.3	1.9	1.8	2.0	2.4	1.9	1.9	2.0	2.1
1980-84	2.2	1.9	2.0	1.9	2.1	1.9	1.9	2.2	1.9
1985-89	2.0	2.0	2.1	2.1	2.2	1.9	1.8	2.1	1.8
<b>Esophagus (150)</b>									
1955-59	1.4	2.0	2.1	2.8	4.8	3.7	3.5	5.0	4.3
1960-64	1.4	1.8	2.0	2.9	5.3	3.8	3.7	5.0	3.7
1965-69	1.5	1.8	2.4	2.9	6.0	4.0	3.9	4.9	5.0
1970-74	1.6	1.8	2.6	3.1	6.6	4.2	4.1	5.4	3.7
1975-79	1.7	1.8	2.8	3.7	5.7	4.5	4.4	5.9	3.8
1980-84	1.8	1.7	2.6	3.0	6.1	4.7	4.5	6.5	4.0
1985-89	1.7	1.8	2.9	3.1	5.9	5.0	4.8	6.4	4.6
<b>Stomach (151)</b>									
1955-59	11.0	17.4	17.5	18.4	28.6	23.2	22.4	29.3	29.1
1960-64	9.0	14.3	14.6	14.4	25.4	20.4	20.0	24.4	23.8
1965-69	7.2	11.8	12.7	12.3	24.6	17.7	17.3	20.4	19.2
1970-74	5.8	10.2	11.1	10.6	21.7	15.5	15.2	18.1	17.6
1975-79	4.8	8.0	9.0	9.3	17.1	13.5	13.3	14.8	16.7
1980-84	4.3	6.8	7.1	8.6	12.5	11.2	11.0	12.4	12.2
1985-89	3.7	5.8	5.9	7.2	10.3	9.3	9.2	10.6	10.5

**Table 5-6. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>Small intestine and colon (152-153)</b>									
1955-59	20.4	25.0	21.7	22.4	19.7	21.3	20.7	27.1	22.1
1960-64	20.2	23.9	20.9	21.4	20.0	19.6	19.1	24.5	18.9
1965-69	19.8	23.0	20.7	22.9	21.8	19.1	18.6	23.8	21.7
1970-74	19.3	22.7	21.3	23.3	23.7	19.0	18.5	22.9	23.0
1975-79	18.7	20.4	20.3	25.1	22.9	18.2	17.7	22.0	22.4
1980-84	17.4	17.3	19.3	23.1	20.7	16.6	16.3	18.5	19.9
1985-89	16.7	16.0	19.1	23.4	20.8	16.5	16.3	17.3	19.7
<b>Rectum (154)</b>									
1955-59	6.5	7.2	6.1	7.7	6.6	9.0	9.1	8.9	8.1
1960-64	5.7	6.9	5.5	7.7	6.3	8.5	8.6	8.6	7.6
1965-69	5.0	6.7	5.8	7.3	6.1	8.5	8.5	8.6	8.2
1970-74	4.3	6.1	5.8	8.5	6.9	8.2	8.2	8.1	7.4
1975-79	3.5	5.5	5.5	9.7	6.9	8.1	8.1	7.7	7.2
1980-84	3.0	4.7	5.6	9.2	5.8	7.4	7.4	7.5	5.9
1985-89	2.5	4.1	5.2	8.7	5.1	6.7	6.6	7.7	5.9
<b>Liver (155.0)</b>									
1980-84	0.7	0.8	0.8	1.1	0.5	0.7	0.7	0.7	0.5
1985-89	0.7	1.0	0.8	0.8	0.5	0.7	0.7	0.8	0.8
<b>Pancreas (157)</b>									
1980-84	8.2	8.6	6.8	6.6	9.2	7.9	7.7	9.0	8.4
1985-89	8.2	8.6	7.1	7.3	8.8	8.1	8.0	8.4	8.5
<b>Larynx (161)</b>									
1955-59	0.3	0.4	0.3	0.4	1.6	0.7	0.7	0.8	1.3
1960-64	0.3	0.4	0.3	0.2	1.5	0.6	0.5	0.6	0.8
1965-69	0.4	0.4	0.3	0.3	1.4	0.5	0.5	0.6	1.0
1970-74	0.4	0.5	0.4	0.3	1.5	0.5	0.4	0.5	0.8
1975-79	0.5	0.4	0.4	0.4	1.0	0.5	0.5	0.7	0.9
1980-84	0.5	0.5	0.3	0.4	1.0	0.5	0.5	0.5	0.6
1985-89	0.6	0.6	0.3	0.4	0.8	0.5	0.5	0.6	0.4



**Table 5-6. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>Trachea, bronchus, and lung (162)</b>									
1955-59	6.2	5.3	4.7	5.5	7.9	10.2	10.1	11.7	8.2
1960-64	7.4	6.0	5.6	7.2	9.1	12.6	12.6	13.6	8.4
1965-69	10.5	8.0	7.0	8.3	12.1	15.9	15.9	17.5	11.0
1970-74	15.1	11.0	9.7	14.0	17.0	19.5	19.3	22.8	13.5
1975-79	20.4	15.6	12.2	16.8	20.6	23.3	23.0	28.3	18.1
1980-84	26.9	21.4	15.1	19.9	24.7	27.2	26.5	35.0	21.2
1985-89	32.9	28.0	17.2	23.6	27.0	30.3	29.5	39.7	24.4
<b>Breast (174)</b>									
1955-59	30.5	32.3	28.1	31.3	27.7	33.4	33.6	32.9	27.8
1960-64	30.5	33.5	27.8	32.1	29.1	34.4	34.6	34.2	27.4
1965-69	31.4	33.8	27.8	33.5	31.3	35.5	35.7	34.6	31.9
1970-74	31.6	33.9	29.0	35.5	34.6	37.9	38.1	37.2	33.6
1975-79	31.1	33.1	28.1	34.9	36.2	39.3	39.5	37.7	37.0
1980-84	31.4	33.0	28.6	36.5	37.2	40.4	40.6	39.5	36.1
1985-89	31.9	34.5	29.2	37.9	39.0	41.8	42.1	39.8	37.9
<b>Cervix uteri (180)</b>									
1955-59	11.5	10.6	8.1	10.0	3.3	9.7	9.9	8.6	6.6
1960-64	10.2	9.2	8.3	8.4	3.5	9.4	9.5	9.2	6.5
1965-69	8.4	8.5	7.5	8.2	4.9	9.0	9.0	9.0	6.8
1970-74	6.6	6.9	6.9	7.5	5.1	8.0	8.0	7.9	6.3
1975-79	4.9	4.9	5.7	7.1	4.2	7.5	7.5	7.6	5.0
1980-84	4.1	4.0	4.9	7.0	3.8	6.7	6.8	7.0	5.1
1985-89	3.6	3.3	4.5	6.4	4.3	6.4	6.5	6.7	4.4
<b>Uterus, other, and unspecified (179, 182)</b>									
1955-59	8.5	7.8	6.9	5.5	9.1	5.7	5.4	7.8	7.2
1960-64	7.2	6.6	5.0	5.5	7.6	5.3	5.2	6.5	6.2
1965-69	6.2	5.9	4.3	5.0	6.3	5.0	5.0	5.2	4.9
1970-74	5.5	5.2	4.2	5.0	5.9	4.8	4.8	4.4	5.3
1975-79	4.9	4.7	3.5	4.7	5.5	4.5	4.5	4.5	4.6
1980-84	4.6	4.3	3.1	4.2	5.0	4.3	4.3	3.8	4.6
1985-89	4.1	3.9	3.1	3.9	4.6	4.0	4.0	3.6	3.9

**Table 5-6. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: English-speaking countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	United States	Canada	Australia	New Zealand	Ireland	United Kingdom	England and Wales	Scotland	Northern Ireland
<b>Bladder (188)</b>									
1980-84 .....	2.1	2.3	2.3	2.1	2.3	3.5	3.4	4.3	2.4
1985-89 .....	2.0	2.2	2.3	2.5	2.5	3.6	3.6	4.1	2.8
<b>Skin (172-173)</b>									
1955-59 .....	2.2	1.7	3.4	2.7	3.2	1.9	1.8	2.2	2.5
1960-64 .....	2.2	1.8	3.5	3.2	3.2	1.8	1.7	2.2	2.2
1965-69 .....	2.1	1.9	3.6	3.5	3.4	1.8	1.8	2.3	2.5
1970-74 .....	2.0	1.8	3.7	3.8	3.1	1.9	1.9	2.2	1.7
1975-79 .....	2.1	1.7	3.9	4.4	2.9	2.2	2.1	2.4	2.2
1980-84 .....	1.7	1.8	4.0	4.5	3.1	2.1	2.1	2.1	2.5
1985-89 .....	2.2	1.8	4.2	5.0	3.5	2.3	2.3	2.2	2.3
<b>Leukemia (204-208)</b>									
1955-59 .....	6.2	5.5	5.0	6.6	3.7	4.3	4.4	4.2	3.7
1960-64 .....	6.2	5.9	5.3	6.3	4.1	4.7	4.8	4.4	4.6
1965-69 .....	6.3	5.7	5.4	6.5	4.4	4.9	4.9	5.0	4.5
1970-74 .....	5.9	5.8	5.4	5.9	4.4	4.6	4.6	4.2	4.5
1975-79 .....	5.6	5.6	5.2	5.5	4.4	4.7	4.7	4.6	4.5
1980-84 .....	5.6	5.7	5.5	5.3	5.0	4.7	4.7	4.2	4.7
1985-89 .....	5.5	5.6	5.3	5.9	5.1	4.8	4.8	4.5	4.2
<b>Other and unspecified sites (190-199)</b>									
1955-59 .....	46.1	43.8	35.2	38.1	36.2	38.0	37.8	38.8	40.2
1960-64 .....	45.1	44.1	35.9	41.0	38.7	38.9	38.7	41.5	37.7
1965-69 .....	45.6	43.6	36.8	39.6	38.6	41.0	40.8	43.2	38.3
1970-74 .....	45.0	43.7	39.6	42.9	43.2	43.3	43.0	45.9	43.9
1975-79 .....	38.2	37.4	33.6	36.6	39.7	38.9	38.7	40.7	39.0
1980-84 .....	16.1	13.1	13.7	14.8	13.4	16.9	16.9	16.7	17.1
1985-1989 .....	16.4	13.6	14.7	17.3	15.0	19.0	19.1	18.2	18.5

**Table 5-7. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Western and Southern European countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	Austria	Belgium	Germany, Federal Republic of <sup>1</sup>	Netherlands	Switzerland	France	Italy	Greece	Spain	Portugal
<b>All sites (140-208)</b>										
1955-59	200.8	183.5	189.0	181.9	178.1	157.4	141.0	---	116.6	110.0
1960-64	195.2	185.1	188.9	178.9	169.2	156.3	144.8	105.3	130.4	117.2
1965-69	193.4	180.0	189.0	181.8	166.0	152.1	148.3	107.9	128.4	123.0
1970-74	187.0	174.6	182.4	174.1	163.0	145.4	148.6	106.2	127.9	127.8
1975-79	175.7	171.7	177.9	166.7	154.8	141.1	145.7	117.3	125.6	122.3
1980-84	173.3	170.0	172.3	163.1	155.0	138.2	147.9	116.5	118.8	122.1
1985-89	165.2	163.4	169.2	165.6	150.8	134.5	148.6	115.6	119.2	122.2
<b>Lip, oral cavity, and pharynx (140-149)</b>										
1955-59	1.3	1.0	1.0	1.3	1.7	1.1	1.4	---	0.7	1.4
1960-64	1.2	1.3	0.9	1.3	1.4	1.2	1.4	0.8	1.0	1.8
1965-69	1.3	1.0	0.9	1.1	1.4	1.3	1.4	0.8	0.9	1.6
1970-74	1.1	0.9	0.9	1.0	1.5	1.5	1.4	0.8	0.9	1.5
1975-79	1.0	1.1	1.0	1.0	1.5	1.6	1.3	0.9	0.9	1.5
1980-84	1.1	1.3	1.2	1.2	1.8	1.8	1.5	0.9	0.9	1.2
1985-89	1.4	1.3	1.4	1.3	1.8	1.8	1.5	0.9	1.1	1.2
<b>Esophagus (150)</b>										
1955-59	1.4	1.8	1.9	2.3	2.2	1.8	1.3	---	1.1	2.4
1960-64	1.4	1.7	1.7	2.1	2.2	1.8	1.3	1.0	1.7	2.6
1965-69	1.2	1.6	1.6	2.0	1.9	1.8	1.3	0.9	1.8	2.9
1970-74	1.0	1.6	1.4	1.8	1.6	1.8	1.3	1.0	1.7	3.0
1975-79	0.9	1.6	1.2	2.0	1.4	1.7	1.3	1.0	1.5	2.6
1980-84	0.8	1.6	1.2	2.0	1.6	1.6	1.3	0.9	1.3	2.5
1985-89	0.7	1.8	1.2	2.4	1.6	1.6	1.2	0.8	1.0	2.0
<b>Stomach (151)</b>										
1955-59	43.1	30.9	40.8	32.6	34.6	22.4	30.1	---	25.8	26.0
1960-64	39.9	28.1	35.7	26.2	27.8	19.3	28.2	15.2	28.1	27.0
1965-69	34.7	22.5	30.6	22.9	22.5	15.9	26.0	13.7	25.4	29.2
1970-74	28.9	17.9	25.1	18.0	17.9	12.6	22.5	11.9	22.4	28.4
1975-79	22.6	15.0	20.5	14.1	13.2	10.2	18.6	11.6	18.4	24.2
1980-84	18.3	11.8	16.5	11.1	10.4	8.3	16.6	9.4	13.4	21.1
1985-89	14.9	9.2	13.4	9.2	8.0	6.5	14.5	8.2	11.7	18.6

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 5-7. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
<b>Small intestine and colon (152-153)</b>										
1955-59 .....	14.4	20.2	9.3	17.6	15.3	18.0	9.5	---	8.6	11.0
1960-64 .....	13.6	20.8	12.3	18.4	14.4	17.5	10.8	7.0	11.2	12.3
1965-69 .....	15.1	20.4	15.8	19.3	14.4	16.7	12.1	6.9	10.6	13.2
1970-74 .....	16.8	20.6	18.1	18.9	14.5	15.9	13.4	7.4	10.5	13.0
1975-79 .....	16.9	19.8	19.3	18.5	14.3	15.1	13.2	8.7	10.3	13.2
1980-84 .....	16.3	18.3	18.5	18.1	13.9	13.1	10.1	6.8	7.3	9.5
1985-89 .....	15.4	16.2	18.9	18.1	13.7	12.9	11.2	7.4	10.0	10.7
<b>Rectum (154)</b>										
1955-59 .....	7.7	9.4	6.9	7.4	6.9	5.9	4.3	---	2.9	3.7
1960-64 .....	7.7	9.0	7.5	7.3	6.1	5.9	4.8	0.9	3.6	4.0
1965-69 .....	8.6	8.8	8.3	7.1	6.1	5.8	5.2	0.8	3.7	4.5
1970-74 .....	8.7	7.8	9.1	6.6	6.2	5.5	5.7	1.0	4.0	5.7
1975-79 .....	8.8	7.1	8.8	6.2	5.7	5.5	5.8	0.9	4.6	5.9
1980-84 .....	8.4	6.3	7.9	5.4	5.8	5.1	5.6	1.0	4.4	4.4
1985-89 .....	7.7	6.2	7.0	4.7	4.8	4.4	5.2	1.1	4.1	4.3
<b>Liver (155.0)</b>										
1980-84 .....	1.9	2.6	1.0	0.7	---	1.0	3.8	0.8	6.4	0.6
1985-89 .....	1.7	1.5	1.2	0.7	---	1.4	3.3	0.4	1.5	0.5
<b>Pancreas (157)</b>										
1980-84 .....	9.2	6.8	7.8	8.6	---	5.4	5.7	4.3	4.1	4.2
1985-89 .....	9.1	7.2	8.5	8.9	---	5.9	6.8	5.0	4.8	4.9
<b>Larynx (161)</b>										
1955-59 .....	0.3	0.5	0.3	0.4	0.3	0.6	0.4	---	0.6	0.6
1960-64 .....	0.3	0.5	0.2	0.3	0.2	0.6	0.5	0.7	0.6	0.6
1965-69 .....	0.4	0.6	0.2	0.3	0.3	0.6	0.5	0.6	0.6	0.7
1970-74 .....	0.3	0.5	0.3	0.3	0.2	0.6	0.5	0.7	0.6	0.8
1975-79 .....	0.2	0.5	0.2	0.2	0.3	0.6	0.5	0.6	0.4	0.5
1980-84 .....	0.3	0.6	0.2	0.2	0.2	0.5	0.5	0.4	0.3	0.7
1985-89 .....	0.3	0.6	0.3	0.3	0.2	0.5	0.4	0.4	0.3	0.4

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.

**Table 5-7. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
<b>Trachea, bronchus, and lung (162)</b>										
1955-59 .....	8.8	5.2	6.0	4.5	4.6	4.9	4.8	---	4.5	3.1
1960-64 .....	8.5	6.2	7.0	5.1	4.5	5.2	5.8	7.1	5.2	3.4
1965-69 .....	9.1	6.6	7.2	5.2	4.8	5.4	6.6	8.6	5.6	3.7
1970-74 .....	9.6	7.4	7.1	5.9	5.8	5.1	7.2	8.4	5.9	4.5
1975-79 .....	10.3	8.5	8.0	7.3	6.7	5.4	8.3	9.8	5.8	4.7
1980-84 .....	12.0	9.5	9.3	10.1	8.4	6.0	9.3	9.1	5.5	5.4
1985-89 .....	12.8	11.0	11.0	13.3	9.9	7.0	10.6	9.8	5.4	5.9
<b>Breast (174)</b>										
1955-59 .....	22.0	28.4	22.9	33.7	31.7	22.2	19.9	---	9.0	15.4
1960-64 .....	23.0	30.1	24.5	35.4	31.9	23.2	21.4	9.2	12.7	16.7
1965-69 .....	25.7	31.1	26.7	38.6	33.6	24.9	23.6	12.3	13.5	17.8
1970-74 .....	27.4	33.3	28.3	39.0	34.8	25.4	25.6	15.0	15.6	19.6
1975-79 .....	27.9	34.6	29.6	37.4	34.8	26.3	26.3	17.9	18.4	19.8
1980-84 .....	29.7	37.3	30.9	37.7	36.1	27.3	28.3	21.0	19.9	21.6
1985-89 .....	31.9	37.7	32.9	38.7	36.8	28.0	29.4	21.4	22.9	23.3
<b>Cervix uteri (180)</b>										
1955-59 .....	4.5	6.3	4.7	8.3	10.5	3.8	2.4	---	0.4	12.7
1960-64 .....	5.2	5.9	6.0	8.1	9.5	3.9	2.5	0.6	0.9	12.7
1965-69 .....	6.3	5.1	7.5	7.5	7.8	3.9	2.3	0.9	1.1	12.4
1970-74 .....	6.9	4.8	7.8	6.9	7.8	3.5	1.9	1.3	1.1	10.4
1975-79 .....	6.4	4.4	6.7	5.7	6.1	3.1	1.5	1.7	1.4	6.9
1980-84 .....	6.1	4.3	5.3	4.3	5.4	3.0	1.3	1.9	1.7	3.4
1985-89 .....	4.7	3.7	4.6	3.7	4.3	2.7	1.2	1.7	2.1	3.1
<b>Uterus, other, and unspecified (179, 182)</b>										
1955-59 .....	24.1	14.5	13.3	6.7	8.9	14.0	16.5	---	12.0	6.5
1960-64 .....	21.0	13.5	11.4	6.6	8.8	13.0	16.3	8.8	13.4	6.9
1965-69 .....	18.7	11.8	10.1	6.9	9.1	11.7	15.6	7.8	11.9	5.9
1970-74 .....	15.4	9.2	7.9	5.7	8.2	10.4	14.3	6.8	11.6	7.3
1975-79 .....	11.6	7.6	6.9	5.1	6.7	9.4	12.4	6.8	10.0	7.7
1980-84 .....	9.4	6.4	6.0	4.3	6.1	7.6	10.3	5.0	7.5	8.4
1985-89 .....	8.6	5.6	5.1	4.1	5.6	6.5	8.3	4.8	6.0	7.6

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.

**Table 5-7. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Western and Southern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Austria</i>	<i>Belgium</i>	<i>Germany, Federal Republic of<sup>1</sup></i>	<i>Netherlands</i>	<i>Switzerland</i>	<i>France</i>	<i>Italy</i>	<i>Greece</i>	<i>Spain</i>	<i>Portugal</i>
<b>Bladder (188)</b>										
1980-84 .....	3.0	3.3	2.8	2.8	---	2.1	2.3	1.8	1.8	1.8
1985-89 .....	2.8	3.0	2.8	3.0	---	2.1	2.2	2.1	2.0	1.9
<b>Skin (172-173)</b>										
1955-59 .....	2.6	2.1	2.5	2.0	2.8	2.9	2.2	---	2.1	1.9
1960-64 .....	2.2	1.6	2.4	1.9	2.9	2.7	1.9	1.6	2.0	1.9
1965-69 .....	2.5	1.7	2.3	1.8	2.8	2.3	1.8	1.5	1.6	2.2
1970-74 .....	2.4	1.4	2.0	1.9	2.6	2.0	1.5	1.4	1.4	2.4
1975-79 .....	2.3	1.6	2.0	2.0	2.8	2.0	1.5	1.5	1.5	2.0
1980-84 .....	2.5	1.3	2.1	2.1	3.2	1.8	2.0	1.3	1.4	1.0
1985-89 .....	2.7	1.7	2.0	2.2	3.6	1.6	2.0	1.3	1.7	1.2
<b>Other and unspecified (190-199)</b>										
1955-59 .....	59.5	52.8	69.4	52.6	46.2	50.3	37.9	---	43.9	18.4
1960-64 .....	59.5	55.7	67.9	52.5	47.0	51.6	38.7	42.5	43.3	19.2
1965-69 .....	57.7	57.4	65.8	54.4	48.4	51.0	39.9	42.4	44.3	19.6
1970-74 .....	56.9	57.3	63.0	54.1	48.4	50.0	41.2	40.0	44.0	21.9
1975-79 .....	55.3	50.7	52.8	45.2	47.8	41.8	35.5	38.4	43.7	24.4
1980-84 .....	10.9	23.0	17.9	15.2	48.0	17.1	11.9	17.9	16.3	9.9
1985-89 .....	10.7	21.1	17.1	15.9	46.4	16.3	11.7	16.8	14.4	10.3
<b>Leukemia (204-208)</b>										
1955-59 .....	5.0	4.8	4.7	5.6	4.8	4.8	4.2	---	2.3	3.2
1960-64 .....	5.0	5.1	5.3	6.0	5.3	5.4	5.1	5.6	3.3	3.9
1965-69 .....	5.4	5.4	5.4	6.3	5.3	5.5	5.5	5.7	3.6	4.7
1970-74 .....	5.5	5.4	5.4	6.0	5.9	5.5	5.6	5.4	3.8	4.9
1975-79 .....	5.4	5.3	5.7	5.6	5.2	5.8	5.7	5.3	4.2	4.4
1980-84 .....	5.4	5.8	5.6	5.3	5.5	5.9	5.7	5.5	4.2	4.9
1985-89 .....	4.8	5.8	5.3	5.2	5.0	5.4	5.5	4.9	4.5	4.1

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table 5-8. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Eastern European countries, 1955-89**

Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>All sites (140-208)</b>								
1955-59	---	---	168.4	---	168.6	---	---	---
1960-64	---	---	172.3	---	174.1	134.9	135.6	101.2
1965-69	---	121.7	173.5	---	177.3	148.6	122.7	103.9
1970-74	---	115.6	174.1	154.8	185.9	146.9	121.7	110.5
1975-79	---	113.9	171.8	153.2	189.0	144.7	121.7	117.3
1980-84	---	115.9	172.4	152.1	189.6	151.1	115.7	123.0
1985-89	130.9	119.9	175.6	150.5	190.5	154.0	116.2	127.3
<b>Lip, oral cavity, and pharynx (140-149)</b>								
1955-59	---	---	1.4	---	1.5	---	---	---
1960-64	---	---	1.5	---	1.4	1.3	0.9	0.8
1965-69	---	1.0	1.2	---	1.4	1.4	1.2	0.8
1970-74	---	0.9	1.2	0.9	1.5	1.5	1.2	1.0
1975-79	---	1.0	1.3	1.0	1.6	1.4	1.2	1.0
1980-84	---	1.0	1.5	1.1	1.9	1.5	1.5	1.3
1985-89	1.4	1.0	1.5	1.3	2.3	1.5	1.4	1.5
<b>Esophagus (150)</b>								
1955-59	---	---	1.0	---	1.0	---	---	---
1960-64	---	---	0.8	---	0.8	2.1	0.9	0.8
1965-69	---	0.8	0.8	---	0.8	1.8	0.7	0.8
1970-74	---	0.8	0.8	1.0	0.7	1.6	0.8	0.8
1975-79	---	0.7	0.6	0.8	0.8	1.4	0.8	1.0
1980-84	---	0.5	0.7	0.9	0.8	1.3	0.6	1.1
1985-89	3.5	0.9	0.8	0.9	0.9	1.2	0.6	1.0
<b>Stomach (151)</b>								
1955-59	---	---	38.0	---	40.5	---	---	---
1960-64	---	---	35.9	---	37.2	30.4	31.2	18.1
1965-69	---	35.2	32.2	---	33.9	29.2	24.0	17.3
1970-74	---	27.9	27.4	20.8	29.9	23.9	20.7	17.2
1975-79	---	23.2	22.3	18.9	25.3	19.5	18.9	16.0
1980-84	---	19.8	18.0	16.1	20.4	16.7	13.9	14.5
1985-89	23.9	17.1	14.6	13.7	16.9	13.8	11.4	12.4

**Table 5-8. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>U.S.S.R.</i>	<i>Bulgaria</i>	<i>Czechoslovakia</i>	<i>German Democratic Republic</i>	<i>Hungary</i>	<i>Poland</i>	<i>Romania</i>	<i>Yugoslavia</i>
<b>Small intestine and colon (152-153)</b>								
1955-59 .....	---	---	7.9	---	10.2	---	---	---
1960-64 .....	---	---	8.1	---	11.2	4.5	5.7	2.6
1965-69 .....	---	4.6	9.2	---	13.5	6.1	5.0	3.8
1970-74 .....	---	5.2	10.8	12.0	15.3	6.2	5.0	4.9
1975-79 .....	---	5.7	11.9	12.0	17.1	6.7	5.5	5.6
1980-84 .....	---	6.0	13.4	12.0	16.9	6.1	5.8	6.2
1985-89 .....	7.7	6.6	14.7	12.3	17.7	7.2	6.3	6.4
<b>Rectum (154)</b>								
1955-59 .....	---	---	6.8	---	6.3	---	---	---
1960-64 .....	---	---	7.5	---	7.2	2.9	3.2	3.3
1965-69 .....	---	4.4	8.7	---	7.6	3.7	3.2	4.0
1970-74 .....	---	5.1	10.2	10.0	8.4	5.4	4.1	5.0
1975-79 .....	---	6.1	10.4	10.3	9.1	6.2	4.1	5.9
1980-84 .....	---	7.6	10.6	10.9	11.2	8.3	4.3	6.6
1985-89 .....	8.0	9.0	11.0	10.6	10.7	8.3	4.5	7.3
<b>Liver (155.0)</b>								
1980-84 .....	---	7.8	---	---	5.8	10.4	1.2	5.3
1985-89 .....	---	7.0	3.2	1.4	5.3	8.6	1.4	---
<b>Pancreas (157)</b>								
1980-84 .....	---	4.4	7.8	6.2	9.0	6.4	4.3	4.7
1985-89 .....	---	4.8	8.6	6.5	9.0	7.3	4.6	5.5
<b>Larynx (161)</b>								
1955-59 .....	---	---	0.4	---	0.7	---	---	---
1960-64 .....	---	---	0.3	---	0.7	0.4	1.0	0.6
1965-69 .....	---	0.6	0.3	---	0.7	0.5	0.8	0.8
1970-74 .....	---	0.5	0.3	0.2	0.6	0.4	0.7	0.8
1975-79 .....	---	0.5	0.3	0.2	0.7	0.5	0.7	0.8
1980-84 .....	---	0.5	0.3	0.1	0.6	0.6	0.6	0.7
1985-89 .....	0.4	0.5	0.4	0.2	0.8	0.7	0.5	0.7

**Table 5-8. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Eastern European countries, 1955-89—Continued**

Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Trachea, bronchus, and lung (162)</b>								
1955-59.....	---	---	7.9	---	8.2	---	---	---
1960-64.....	---	---	8.1	---	10.1	5.4	7.5	5.2
1965-69.....	---	9.5	8.5	---	10.6	6.7	7.3	6.0
1970-74.....	---	8.9	8.1	6.8	12.0	7.4	7.6	7.1
1975-79.....	---	8.6	9.0	6.7	13.1	8.7	8.1	8.5
1980-84.....	---	8.6	10.2	7.7	15.8	10.7	8.3	9.5
1985-89.....	10.0	9.2	11.7	8.4	19.0	12.7	8.6	10.6
<b>Breast (174)</b>								
1955-59.....	---	---	18.1	---	17.0	---	---	---
1960-64.....	---	---	19.6	---	18.9	11.0	10.7	10.2
1965-69.....	---	12.8	21.5	---	21.1	15.5	12.3	11.8
1970-74.....	---	15.0	23.8	21.0	25.0	17.0	14.2	14.1
1975-79.....	---	17.7	25.7	22.0	28.3	19.1	15.8	16.5
1980-84.....	---	19.0	27.6	23.7	29.5	20.9	17.5	18.1
1985-89.....	17.7	21.2	28.4	24.5	31.8	21.3	19.5	21.2
<b>Cervix uteri (180)</b>								
1955-59.....	---	---	8.7	---	3.8	---	---	---
1960-64.....	---	---	9.5	---	6.4	6.9	9.9	4.8
1965-69.....	---	3.5	8.6	---	7.8	10.9	11.8	6.5
1970-74.....	---	4.0	7.3	13.2	8.9	12.2	13.0	7.1
1975-79.....	---	4.0	7.1	12.0	9.2	11.7	12.7	6.5
1980-84.....	---	4.2	7.3	9.4	10.6	11.3	12.8	6.3
1985-89.....	7.4	5.3	8.1	8.2	10.0	11.0	13.7	5.4
<b>Uterus, other, and unspecified (179, 182)</b>								
1955-59.....	---	---	12.4	---	27.2	---	---	---
1960-64.....	---	---	9.4	---	21.6	12.1	20.0	11.4
1965-69.....	---	6.6	8.6	---	17.3	11.0	14.7	8.7
1970-74.....	---	6.3	9.1	6.7	14.7	7.3	11.3	7.8
1975-79.....	---	6.7	8.8	6.3	13.3	6.3	9.5	8.1
1980-84.....	---	6.7	8.7	6.8	9.0	6.0	7.2	7.2
1985-89.....	6.1	7.9	8.7	5.9	7.7	6.1	5.6	7.3



**Table 5-8. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Eastern European countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	U.S.S.R.	Bulgaria	Czechoslovakia	German Democratic Republic	Hungary	Poland	Romania	Yugoslavia
<b>Bladder (188)</b>								
1980-84 .....	---	1.4	2.1	2.3	2.3	1.5	1.7	1.6
1985-89 .....	---	1.4	2.2	2.5	2.3	1.5	1.8	1.8
<b>Skin (172-173)</b>								
1955-59 .....	---	---	2.8	---	3.1	---	---	---
1960-64 .....	---	---	2.8	---	3.2	1.6	1.4	1.7
1965-69 .....	---	2.0	2.7	---	3.1	2.5	1.4	1.9
1970-74 .....	---	2.0	2.5	2.0	3.4	2.4	1.9	1.8
1975-79 .....	---	1.6	2.7	1.9	3.3	2.4	1.9	2.0
1980-84 .....	---	1.6	3.0	2.1	3.0	2.6	2.1	2.0
1985-89 .....	---	1.7	3.5	2.1	3.1	2.8	2.6	2.5
<b>Leukemia (204-208)</b>								
1955-59 .....	---	---	4.4	---	4.1	---	---	---
1960-64 .....	---	---	5.0	---	4.8	3.8	3.2	3.3
1965-69 .....	---	4.1	5.2	---	5.0	4.2	3.6	3.7
1970-74 .....	---	4.0	5.5	4.9	5.4	4.7	3.6	3.5
1975-79 .....	---	4.2	5.6	4.9	5.6	4.5	3.7	3.6
1980-84 .....	---	4.1	5.8	4.9	6.1	4.7	3.6	2.8
1985-89 .....	4.3	4.1	5.8	5.0	6.0	4.6	3.5	3.6
<b>Other and unspecified sites (190-199)</b>								
1955-59 .....	---	---	52.8	---	40.4	---	---	---
1960-64 .....	---	---	56.7	---	44.9	49.7	35.7	34.4
1965-69 .....	---	32.1	58.7	---	47.8	50.9	31.7	33.3
1970-74 .....	---	30.6	60.3	49.6	53.5	52.5	32.5	34.9
1975-79 .....	---	30.1	59.4	50.5	45.1	52.0	33.7	31.3
1980-84 .....	---	6.4	11.0	8.7	8.1	9.9	6.4	12.7
1985-89 .....	---	6.6	10.0	9.7	9.2	11.5	6.9	13.1

**Table 5-9. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Scandinavian and Asian countries, 1955-89**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>All sites (140-208)</b>								
1955-59 .....	211.9	163.0	156.4	168.3	132.8	---	---	---
1960-64 .....	209.7	162.5	149.5	161.0	135.8	127.7	---	---
1965-69 .....	197.9	156.4	150.0	155.3	134.5	137.5	---	---
1970-74 .....	193.9	166.1	145.3	149.7	130.2	137.0	---	---
1975-79 .....	196.9	164.0	149.9	145.2	125.0	143.7	145.8	164.5
1980-84 .....	202.0	152.7	149.8	142.7	121.7	137.4	159.5	154.9
1985-89 .....	205.4	147.0	152.3	139.0	116.9	138.6	155.5	146.9
<b>Lip, oral cavity, and pharynx (140-149)</b>								
1955-59 .....	1.6	2.4	2.2	2.5	0.9	---	---	---
1960-64 .....	1.6	2.5	2.1	2.1	0.9	8.9	---	---
1965-69 .....	1.6	2.0	2.0	1.9	1.0	9.8	---	---
1970-74 .....	1.4	1.8	1.6	1.5	0.9	8.9	---	---
1975-79 .....	1.8	1.7	1.3	1.8	1.0	8.5	6.8	1.4
1980-84 .....	2.1	1.5	1.5	1.7	1.0	7.3	7.5	1.1
1985-89 .....	2.1	1.4	1.6	1.4	1.0	6.1	6.3	1.1
<b>Esophagus (150)</b>								
1955-59 .....	2.7	2.2	1.3	9.0	3.4	---	---	---
1960-64 .....	2.2	1.7	1.2	7.7	3.3	3.6	---	---
1965-69 .....	1.9	1.7	1.3	6.0	3.3	4.1	---	---
1970-74 .....	1.8	1.6	1.1	4.9	3.0	5.2	---	---
1975-79 .....	1.9	1.4	1.1	4.0	2.4	4.0	5.8	2.2
1980-84 .....	1.9	1.3	1.0	3.4	2.1	3.3	4.6	2.0
1985-89 .....	2.1	1.3	1.0	3.0	1.7	2.8	3.0	1.3
<b>Stomach (151)</b>								
1955-59 .....	30.2	28.0	31.8	48.2	53.0	---	---	---
1960-64 .....	25.0	21.5	25.5	37.2	52.3	16.9	---	---
1965-69 .....	17.9	17.2	21.5	28.9	50.3	15.3	---	---
1970-74 .....	14.4	14.8	16.4	22.7	46.0	11.8	---	---
1975-79 .....	11.4	12.2	13.2	18.1	38.9	10.4	19.4	11.4
1980-84 .....	9.0	9.6	11.5	15.6	32.5	9.5	19.1	10.0
1985-89 .....	7.3	7.9	9.0	13.0	26.2	9.0	16.9	6.9

**Table 5-9. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Small intestine and colon (152-153)</b>								
1955-59 .....	22.2	14.4	11.7	8.0	3.9	---	---	---
1960-64 .....	21.7	14.9	12.1	9.3	4.4	7.2	---	---
1965-69 .....	20.5	14.2	13.6	9.2	5.2	7.8	---	---
1970-74 .....	19.0	15.8	13.1	9.9	6.0	7.7	---	---
1975-79 .....	20.3	15.3	14.7	9.5	7.1	9.3	13.1	14.6
1980-84 .....	20.0	13.5	15.2	9.9	8.3	9.8	15.1	15.0
1985-89 .....	19.7	12.8	15.7	9.1	9.5	10.8	16.0	14.9
<b>Rectum (154)</b>								
1955-59 .....	11.2	5.7	4.8	5.4	4.8	---	---	---
1960-64 .....	10.5	6.0	4.8	6.4	5.0	4.1	---	---
1965-69 .....	10.1	6.0	5.6	6.1	5.5	4.0	---	---
1970-74 .....	10.0	6.2	6.5	6.5	5.8	4.4	---	---
1975-79 .....	9.3	5.9	7.2	6.4	5.7	5.7	8.9	5.3
1980-84 .....	9.4	5.8	7.8	5.9	5.5	5.3	8.2	4.4
1985-89 .....	8.4	5.3	7.6	5.6	5.1	5.4	6.7	4.0
<b>Liver (155.0)</b>								
1980-84 .....	---	---	---	---	4.7	11.0	1.4	---
1985-89 .....	---	1.9	0.8	2.0	5.3	10.1	1.4	2.0
<b>Pancreas (157)</b>								
1980-84 .....	---	---	---	---	6.4	4.1	4.5	7.7
1985-89 .....	---	10.8	9.0	10.2	7.4	4.4	4.9	8.5
<b>Larynx (161)</b>								
1955-59 .....	0.3	0.2	0.1	0.5	0.7	---	---	---
1960-64 .....	0.3	0.1	0.0	0.3	0.5	0.3	---	---
1965-69 .....	0.3	0.1	0.1	0.2	0.5	0.4	---	---
1970-74 .....	0.3	0.1	0.1	0.2	0.4	0.3	---	---
1975-79 .....	0.5	0.1	0.1	0.1	0.3	0.5	0.5	0.5
1980-84 .....	0.5	0.1	0.2	0.1	0.2	0.6	0.8	0.3
1985-89 .....	0.6	0.1	0.2	0.2	0.1	0.4	0.9	0.3



**Table 5-9. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Scandinavian and Asian countries, 1955-89—Continued**

Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Trachea, bronchus, and lung (162)</b>								
1955-59 .....	6.7	5.6	3.7	6.0	3.9	---	---	---
1960-64 .....	8.7	5.6	3.9	5.4	5.7	17.4	---	---
1965-69 .....	10.9	6.5	4.5	5.9	7.1	25.4	---	---
1970-74 .....	13.8	8.0	5.7	6.2	8.0	29.0	---	---
1975-79 .....	18.2	9.4	7.0	7.6	9.5	35.4	22.4	11.7
1980-84 .....	25.0	11.5	9.4	8.7	11.3	34.6	27.1	11.9
1985-89 .....	31.0	13.5	13.3	9.7	12.2	36.7	28.4	12.0
<b>Breast (174)</b>								
1955-59 .....	35.1	26.7	24.8	18.5	5.2	---	---	---
1960-64 .....	35.8	28.4	24.4	18.9	5.2	12.1	---	---
1965-69 .....	35.6	26.5	26.0	20.6	5.5	11.8	---	---
1970-74 .....	37.7	28.7	25.2	21.5	6.3	12.9	---	---
1975-79 .....	37.4	27.6	26.7	21.7	6.9	12.5	15.6	33.5
1980-84 .....	37.6	26.8	25.6	22.6	7.6	11.6	17.1	33.0
1985-89 .....	40.4	25.8	27.4	24.3	8.2	12.1	18.2	32.3
<b>Cervix uteri (180)</b>								
1955-59 .....	14.0	6.0	9.2	6.6	3.8	---	---	---
1960-64 .....	14.8	7.7	8.0	7.5	5.0	14.1	---	---
1965-69 .....	14.6	7.5	7.8	7.1	4.3	12.6	---	---
1970-74 .....	12.0	6.9	7.6	5.6	3.3	11.2	---	---
1975-79 .....	11.3	5.5	7.5	4.3	3.3	8.2	10.8	2.2
1980-84 .....	9.7	4.4	6.6	3.4	3.0	7.2	12.2	1.8
1985-89 .....	7.8	3.7	6.1	2.8	2.7	6.2	9.8	1.8
<b>Uterus, other, and unspecified (179, 182)</b>								
1955-59 .....	11.3	9.1	5.1	9.4	20.0	---	---	---
1960-64 .....	10.6	7.1	4.5	7.9	15.5	5.0	---	---
1965-69 .....	8.2	6.1	4.8	6.5	13.3	3.1	---	---
1970-74 .....	7.0	6.1	4.4	5.5	11.1	2.8	---	---
1975-79 .....	6.0	5.5	4.2	4.8	8.3	1.9	3.1	5.0
1980-84 .....	5.8	4.6	4.2	3.9	5.9	1.9	2.6	4.1
1985-89 .....	5.7	4.1	4.0	4.0	4.2	2.1	2.7	3.9

**Table 5-9. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Scandinavian and Asian countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, *International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Denmark</i>	<i>Sweden</i>	<i>Norway</i>	<i>Finland</i>	<i>Japan</i>	<i>Hong Kong</i>	<i>Singapore</i>	<i>Israel</i>
<b>Bladder (188)</b>								
1980-84 .....	---	---	---	---	1.3	2.3	1.7	2.3
1985-89 .....	---	2.2	2.9	1.5	1.2	2.2	1.9	2.2
<b>Skin (172-173)</b>								
1955-59 .....	2.4	1.6	2.0	2.4	1.1	---	---	---
1960-64 .....	2.7	1.9	2.2	2.1	1.0	0.7	---	---
1965-69 .....	2.6	1.8	2.3	2.3	1.0	0.6	---	---
1970-74 .....	2.8	2.2	2.4	2.3	0.9	0.5	---	---
1975-79 .....	3.1	2.4	2.9	2.1	0.7	0.6	1.4	2.2
1980-84 .....	3.1	2.7	2.9	2.1	0.5	0.4	1.1	2.6
1985-89 .....	3.4	2.6	3.2	2.1	0.4	0.5	1.0	2.7
<b>Leukemia (204-208)</b>								
1955-59 .....	6.5	5.8	5.7	5.0	2.2	---	---	---
1960-64 .....	6.8	6.5	6.0	6.2	2.8	2.5	---	---
1965-69 .....	6.1	6.3	6.3	6.6	3.1	3.3	---	---
1970-74 .....	6.0	6.3	5.6	6.0	3.3	3.0	---	---
1975-79 .....	6.2	5.9	5.5	5.6	3.4	3.9	3.9	6.9
1980-84 .....	6.1	5.3	5.0	5.6	3.5	3.5	3.8	5.6
1985-89 .....	6.0	4.9	4.8	4.9	3.5	3.4	3.4	6.3
<b>Other and unspecified sites (190-199)</b>								
1955-59 .....	59.6	47.5	47.5	41.3	27.3	---	---	---
1960-64 .....	60.6	50.6	47.8	43.6	30.9	31.7	---	---
1965-69 .....	59.8	52.1	45.8	46.6	31.3	35.3	---	---
1970-74 .....	59.4	58.3	48.0	48.6	31.8	36.6	---	---
1975-79 .....	62.3	61.6	50.9	50.6	27.6	24.6	17.9	49.1
1980-84 .....	64.2	57.5	50.8	50.5	6.2	9.9	7.8	24.1
1985-89 .....	62.2	29.4	23.1	25.9	5.3	11.0	9.9	21.6

**Table 5-10. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Latin American countries, 1955-89**[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

<i>Site of neoplasm and year</i>	<i>Argentina</i>	<i>Chile</i>	<i>Costa Rica</i>	<i>Cuba</i>	<i>Uruguay</i>
<b>All sites (140-208)</b>					
1955-59	---	200.6	---	---	190.8
1960-64	---	200.6	205.0	---	198.6
1965-69	170.0	212.4	185.7	---	198.0
1970-74	---	205.0	162.4	140.1	203.2
1975-79	---	170.7	154.4	---	179.2
1980-84	144.2	166.1	154.8	140.0	173.0
1985-89	143.2	166.3	171.0	138.7	175.9
<b>Lip, oral cavity, and pharynx (140-149)</b>					
1955-59	---	1.3	---	---	1.5
1960-64	---	1.3	4.3	---	1.6
1965-69	1.2	1.2	1.6	---	1.8
1970-74	---	1.2	1.5	2.8	1.6
1975-79	---	0.8	1.3	---	1.1
1980-84	1.2	0.9	1.7	2.7	1.2
1985-89	1.2	1.0	1.8	2.8	1.5
<b>Esophagus (150)</b>					
1955-59	---	6.8	---	---	10.0
1960-64	---	7.6	30.4	---	10.4
1965-69	6.7	9.0	4.3	---	8.1
1970-74	---	7.7	3.0	2.8	8.1
1975-79	---	7.0	2.8	---	6.5
1980-84	4.0	6.2	2.3	2.6	5.9
1985-89	3.9	5.8	2.7	2.3	5.9
<b>Stomach (151)</b>					
1955-59	---	68.9	---	---	30.7
1960-64	---	64.0	63.3	---	28.6
1965-69	19.2	56.9	47.1	---	26.6
1970-74	---	51.0	44.3	9.1	25.0
1975-79	---	32.1	34.9	---	18.0
1980-84	10.0	26.6	32.1	7.3	14.3
1985-89	8.9	22.1	37.9	5.8	11.9



**Table 5-10. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	Argentina	Chile	Costa Rica	Cuba	Uruguay
<b>Small intestine and colon (152-153)</b>					
1955-59	---	6.1	---	---	18.9
1960-64	---	6.4	5.6	---	20.5
1965-69	18.1	8.3	5.4	---	23.0
1970-74	---	8.5	5.4	11.9	24.1
1975-79	---	8.0	5.8	---	19.7
1980-84	12.0	6.3	6.8	13.2	17.9
1985-89	11.9	7.3	7.9	13.6	19.1
<b>Rectum (154)</b>					
1955-59	---	3.3	---	---	6.7
1960-64	---	3.3	5.8	---	7.3
1965-69	4.2	3.1	3.4	---	7.5
1970-74	---	3.7	2.5	4.2	7.7
1975-79	---	3.3	3.2	---	6.0
1980-84	3.4	3.3	3.5	3.6	5.4
1985-89	2.9	2.8	3.0	3.4	5.3
<b>Liver (155.0)</b>					
1980-84	4.4	3.4	5.6	1.7	0.6
1985-89	5.8	4.1	7.7	1.9	0.6
<b>Pancreas (157)</b>					
1980-84	6.6	---	---	---	---
1985-89	---	---	---	---	---
<b>Larynx (161)</b>					
1955-59	---	0.6	---	---	0.3
1960-64	---	0.3	0.5	---	0.8
1965-69	0.6	0.5	0.4	---	0.7
1970-74	---	0.4	0.6	1.3	0.6
1975-79	---	0.5	0.7	---	0.4
1980-84	0.5	0.4	1.0	1.5	0.5
1985-89	0.5	0.4	1.0	1.5	0.5

**Table 5-10. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the *Ninth Revision, International Classification of Diseases, 1975*]

Site of neoplasm and year	Argentina	Chile	Costa Rica	Cuba	Uruguay
<b>Trachea, bronchus, and lung (162)</b>					
1955-59	---	6.6	---	---	5.5
1960-64	---	7.1	4.7	---	6.2
1965-69	8.6	7.9	5.8	---	5.7
1970-74	---	7.7	7.4	21.5	6.1
1975-79	---	7.8	8.1	---	6.0
1980-84	8.1	8.2	9.7	20.5	6.1
1985-89	8.3	8.9	9.9	21.3	6.6
<b>Breast (174)</b>					
1955-59	---	12.6	---	---	30.1
1960-64	---	12.8	11.4	---	29.9
1965-69	27.1	15.9	12.2	---	32.0
1970-74	---	17.8	10.7	18.8	36.0
1975-79	---	16.5	13.0	---	34.0
1980-84	28.0	17.5	15.9	21.6	35.3
1985-89	29.6	18.1	18.4	21.3	36.8
<b>Cervix uteri (180)</b>					
1955-59	---	11.7	---	---	10.4
1960-64	---	14.4	21.0	---	11.6
1965-69	5.2	18.2	23.0	---	11.1
1970-74	---	22.2	14.6	6.7	8.9
1975-79	---	19.7	16.4	---	7.2
1980-84	5.7	18.6	16.2	6.5	6.4
1985-89	6.1	14.4	17.1	8.5	5.8
<b>Uterus, other, and unspecified (179, 182)</b>					
1955-59	---	16.9	---	---	11.2
1960-64	---	12.6	17.8	---	11.6
1965-69	12.7	10.9	11.3	---	12.8
1970-74	---	8.9	9.8	15.0	12.9
1975-79	---	5.3	6.8	---	11.5
1980-84	9.9	4.4	4.6	13.7	10.7
1985-89	9.5	3.7	5.3	10.8	9.7
<b>Bladder (188)</b>					
1980-84	1.7	1.7	1.1	2.0	2.1
1985-89	1.6	1.6	1.4	1.9	1.9

**Table 5-10. Age-adjusted 5-year mortality rates among females for selected neoplasm sites: Latin American countries, 1955-89—Continued**

[Numbers after causes of death are category numbers of the Ninth Revision, International Classification of Diseases, 1975]

Site of neoplasm and year	Argentina	Chile	Costa Rica	Cuba	Uruguay
Skin (172-173)					
1955-59 .....	---	0.9	---	---	1.2
1960-64 .....	---	1.0	1.3	---	1.8
1965-69 .....	1.6	1.5	1.5	---	1.6
1970-74 .....	---	1.6	1.8	1.2	1.6
1975-79 .....	---	1.2	0.7	---	1.1
1980-84 .....	0.9	0.6	0.3	0.5	0.7
1985-89 .....	0.7	1.0	0.6	0.5	0.6
Leukemia (204, 208)					
1955-59 .....	---	2.9	---	---	4.4
1960-64 .....	---	3.4	3.6	---	5.7
1965-69 .....	4.5	3.8	3.5	---	5.7
1970-74 .....	---	4.0	5.0	4.0	5.2
1975-79 .....	---	4.2	6.0	---	5.2
1980-84 .....	4.5	3.8	5.5	4.6	5.2
1985-89 .....	4.2	4.2	5.8	4.8	5.1
Other and unspecified sites (190-199)					
1955-59 .....	---	57.8	---	---	55.2
1960-64 .....	---	62.4	51.0	---	55.8
1965-69 .....	53.0	69.7	61.6	---	55.4
1970-74 .....	---	64.9	51.7	34.2	58.9
1975-79 .....	---	59.0	49.4	---	55.5
1980-84 .....	15.0	10.9	17.5	9.0	23.3
1985-89 .....	15.5	10.4	16.5	8.3	26.0







**Table I. Countries and years of data availability**

	Data years 19-								
	55	60	65	70	75	80	85	90	
Argentina . . . . .			X X X X	X	X	X X X X X	X X X X X		
Australia . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X		
Austria . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Belgium . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X		
Bulgaria . . . . .		X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Canada . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
Chile . . . . .	X X X X X	X X X X X	X X X X X	X X X X	X X	X X X X	X X X X X		
Costa Rica . . . . .		X X X X X	X X X X X	X X X X	X X	X X X X	X X X X X		
Cuba . . . . .				X X X X		X X X X X	X X X X X	X	
Czechoslovakia . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X	X X X X X	X X X X X	X X X X X	X
Denmark . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
England and Wales . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Finland . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
France . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
Germany, Federal Republic of . . . . .								X	X
Germany, Federal Republic of <sup>1</sup> . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
German Democratic Republic . . . . .				X X	X X X X	X X X X X	X X X X X	X X X X X	X
Greece . . . . .		X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
Hong Kong . . . . .		X X X X	X X X X X	X X	X	X X X X X	X X X X X		
Hungary . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Ireland . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
Israel . . . . .					X X X X X	X X X X X	X X X X X		
Italy . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Japan . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Netherlands . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
New Zealand . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Northern Ireland . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Norway . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X
Poland . . . . .		X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Portugal . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Romania . . . . .		X	X X X X X	X X X X X	X X X X	X X X X X	X X X X X	X X X X X	X X
Scotland . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X
Singapore . . . . .				X	X	X	X X X X X	X X X X X	X
Spain . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	
Sweden . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



**Table I. Countries and years of data availability—Continued**

	Data years 19-							
	55	60	65	70	75	80	85	90
Switzerland . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X
United Kingdom . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X
<b>United States.</b> . . . . .	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X
Uruguay . . . . .	X X	X X X	X X X X X	X X X	X X X X	X X X X X	X X X X X	X X X X X
U.S.S.R. . . . .							X X X X	X
Yugoslavia . . . . .		X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X	X X X X X

**Table II. World Health Organization Tabulation List line numbers used to tabulate cause of death**

<i>Cause of death</i>	<i>ICD-9<sup>1</sup></i>	<i>ICD-8<sup>2</sup></i>	<i>ICD-7<sup>1</sup></i>	<i>ICD-6<sup>2</sup></i>
All causes . . . . .	---	---	---	---
Diseases of heart . . . . .	5,260.3	80-84	79-83	79-83
ischemic heart disease . . . . .	27	83	81	81
Cerebrovascular diseases . . . . .	29	85	70	70
Malignant neoplasms . . . . .	08-14	45-60	44-59	44-59
Malignant neoplasms-intestinal/rectal . . . . .	092-094	48-49	47-48	47-48
Malignant neoplasms-prostate . . . . .	124	57	54	54
Malignant neoplasms-respiratory . . . . .	10	50-51	49-50	49-50
Malignant neoplasms-breast (female) . . . . .	113	54	51	51
Diabetes mellitus . . . . .	181	64	63	63
Pneumonia . . . . .	321	91-92	89-91	89-91
Influenza . . . . .	322	90	88	88
Chronic obstructive pulmonary diseases and allied conditions . . . . .	323-324	---	---	---
Chronic liver disease and cirrhosis . . . . .	347	102	105	105
Unintentional injuries-motor vehicle crashes . . . . .	<sup>3</sup> 471	138	138	138
Unintentional injuries-all other . . . . .	E48-E53, E470, E472-E479	139-146	139-147	139-147
Suicide . . . . .	54	147	148	148
Homicide . . . . .	55	148	149	149
Symptoms, signs, and ill-defined conditions . . . . .	46	136-137	136-137	136-137

<sup>1</sup>*Ninth Revision, International Classification of Diseases, 1975, Basic Tabulation List.*

<sup>2</sup>*Ninth Revision, International Classification of Diseases, 1975, List A.*

<sup>3</sup>Traffic-related crashes only.

SOURCE: World Health Organization, Geneva.



## Selected summary statistics.

Country	Year	Age-adjusted death rate per 100,000 population		Expectation of life at birth		Estimated population '000s
		Males	Females	Males	Females	
Argentina	1989	1,209.1	751.5	68.8	75.5	31,930
Australia	1988	984.8	593.9	73.1	79.5	16,538
Austria	1991	1,037.1	638.2	72.5	79.0	7,825
Belgium	1987	1,104.4	649.4	71.8	78.6	9,870
Bulgaria	1991	1,387.4	930.8	68.3	74.6	8,982
Canada	1990	931.1	551.1	73.8	80.4	26,579
Chile	1989	1,198.5	738.7	69.3	76.3	12,961
Costa Rica	1989	1,115.5	726.9	72.5	77.2	2,955
Cuba	1990	948.0	728.3	72.7	76.5	10,609
Czechoslovakia	1990	1,537.7	873.8	67.2	75.4	15,661
Denmark	1991	1,068.6	696.3	72.5	77.9	5,154
England and Wales	1991	1,015.8	657.7	73.3	78.7	50,955
Germany, Federal Republic of	1990	1,120.2	678.9	71.9	78.3	79,365
Germany, Federal Republic of <sup>1</sup>	1990	1,067.5	643.8	72.6	78.9	63,254
Finland	1991	1,144.8	634.2	71.3	79.2	5,014
France	1990	949.2	502.0	73.2	81.3	56,735
German Democratic Republic	1990	1,351.9	824.7	69.1	76.1	16,111
Greece	1990	903.2	609.2	74.4	79.5	10,089
Hong Kong	1989	828.8	493.4	75.4	82.1	5,761
Hungary	1991	1,665.0	950.1	65.0	73.8	10,346
Ireland	1990	1,193.0	738.1	71.9	77.4	3,503
Israel	1989	906.5	693.6	74.4	77.8	4,518
Italy	1989	973.2	571.8	73.5	80.0	57,540
Japan	1991	803.0	463.3	76.1	82.3	123,102
Netherlands	1990	1,003.3	581.3	73.7	79.9	14,952
New Zealand	1989	1,070.1	686.1	71.7	77.8	3,343
Northern Ireland	1991	1,124.6	696.4	72.1	78.0	1,594
Norway	1990	1,018.4	606.2	73.3	79.6	4,241
Poland	1991	1,566.3	862.4	66.1	75.2	38,245
Portugal	1991	1,251.3	755.6	69.7	77.1	9,852
Romania	1990	1,389.5	974.4	66.7	73.1	23,207
Scotland	1991	1,184.4	762.5	71.3	77.0	5,100
Singapore	1990	1,088.0	731.1	72.2	77.2	2,705
Spain	1989	958.1	566.8	73.2	80.2	38,888
Sweden	1989	913.5	560.7	74.7	80.4	8,493
Switzerland	1991	922.2	524.8	74.0	81.0	6,792
United Kingdom	1991	1,032.2	667.9	73.1	78.5	57,649
<b>United States</b>	<b>1991</b>	<b>1,018.5</b>	<b>621.5</b>	<b>72.7</b>	<b>79.5</b>	<b>252,161</b>
Uruguay	1990	1,250.3	720.1	69.0	76.3	3,094
U.S.S.R.	1990	1,604.3	900.0	64.2	73.8	288,266
Yugoslavia	1990	1,228.5	807.9	69.4	75.5	23,818

<sup>1</sup>Germany, Federal Republic of, refers to Germany before reunification.



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HEALTH & HUMAN SERVICES

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