

**Appendix C:
International
Mortality
Comparisons by Age:
Tables and Figures**

**Table C-I-Trends In Age-Specific Death Rates (per 100,000), Males,
United States and Selected Countries, 1955-59 to 1980-84**

country	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age 15-24						
United States	161.1	150.2	174.7	186.6	169.7	151.7
Australia	159.4	140.2	151.6	167.0	159.6	135.6
Canada	144.1	139.6	151.3	172.8	165.3	135.5
France	123.3	115.8	131.2	148.1	147.0	140.3
Germany ^a	161.9	154.6	144.8	157.9	146.1	119.6
Italy	127.2	127.2	110.6	108.4	98.2	99.3
Japan	186.9	145.1	116.0	113.7	88.7	77.4
Netherlands	85.7	87.0	97.0	104.7	89.8	74.0
New Zealand	152.1	128.3	146.6	159.9	168.4	152.1
Norway	113.7	106.6	101.6	111.1	104.3	107.1
Spain	129.9	105.2	106.0	102.0	99.0	92.4
Sweden	107.1	100.8	100.0	103.2	97.8	78.7
United Kingdom	98.9	100.0	97.8	96.4	93.9	83.4
Age 25-34						
United States	180.9	189.5	207.4	211.4	190.6	183.0
Australia	171.6	159.2	154.2	143.3	135.2	128.8
Canada	170.0	156.8	158.1	155.6	150.8	134.3
France	204.6	186.8	177.3	163.9	153.7	161.4
Germany ^a	187.4	171.8	162.5	166.2	149.8	129.3
Italy	169.4	159.2	132.6	119.3	105.7	103.5
Japan	262.6	211.3	170.7	140.7	106.8	84.8
Netherlands	106.7	106.5	104.2	96.9	86.8	85.1
New Zealand	165.1	145.4	152.4	141.1	137.8	139.2
Norway	136.9	131.1	126.1	119.1	106.4	104.7
Spain	201.7	167.7	157.6	143.0	128.0	118.5
Sweden	132.5	120.6	128.6	123.5	126.8	116.3
United Kingdom	122.6	113.0	104.8	102.0	99.1	93.2

Appendix C--international Mortality Comparisons by Age: Tables and Figures\ 97

Table C-I-Trends in Age-Specific Death Rates (per 100,000), Males,
United States and Selected Countries, 1955-59 to 1980-84 (Continued)

Country	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age 35-44						
United States	373.9	374.4	397.6	384.5	321.2	280.9
Australia	291.4	296.7	310.0	286.2	247.3	196.2
Canada	288.4	282.9	284.4	289.6	263.0	213.5
France	364.9	347.3	354.4	346.5	317.9	278.6
Germany^a	297.9	284.4	293.4	304.2	290.4	269.3
Italy	292.8	285.7	282.6	257.4	231.9	205.7
Japan	386.0	325.7	298.0	283.6	230.5	191.6
Netherlands	194.3	197.4	208.9	202.9	180.1	163.6
New Zealand	256.4	261.6	277.6	275.9	250.4	211.6
Norway	217.3	233.2	239.3	236.6	208.9	185.8
Spain	325.7	287.0	285.7	266.2	246.7	217.0
Sweden	216.4	210.2	229.6	234.3	235.4	202.0
United Kingdom	254.9	250.0	244.3	233.4	213.5	184.5
Age 45-54						
United States	975.1	973.2	971.9	926.1	819.6	721.7
Australia	782.9	801.1	820.7	796.3	713.5	593.0
Canada	763.1	749.6	751.0	736.9	705.8	592.0
France	922.1	865.0	832.3	797.6	821.7	768.7
Germany^a	764.1	768.7	748.8	720.9	724.6	676.4
Italy	740.9	740.3	719.2	687.5	698.9	624.8
Japan	876.6	772.7	678.3	578.2	529.1	517.2
Netherlands	545.3	573.8	599.4	598.1	568.2	510.7
New Zealand	684.4	731.9	759.7	734.3	728.1	609.2
Norway	534.7	547.4	587.0	605.1	599.6	565.1
Spain	755.0	676.0	634.5	632.4	610.4	558.5
Sweden	527.4	514.2	533.1	560.1	574.5	521.4
United Kingdom	762.9	752.6	732.1	737.1	708.7	609.6

98 I International Health Statistics: What the Numbers Mean for the United States

Table C-I-Trends in Age-Specific Death Rates (per 100,000), Males,
United States and Selected Countries, 1955-59 to 1980-84 (Continued)

Country	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age 55-64						
United States	2283.2	2285.7	2324.5	2216.4	1921.6	1750.1
Australia	2127.4	2135.8	2176.9	2133.5	1827.8	1569.1
Canada	1955.3	1927.1	1899.3	1853.9	1760.7	1550.5
France	2141.2	2114.0	2078.3	1861.5	1743.3	1623.4
Germany ^a	2011.8	2105.1	2128.9	2066.2	1854.8	1655.9
Italy	1865.8	1926.3	1915.8	1824.6	1770.5	1643.7
Japan	2165.7	2017.0	1811.1	1560.2	1287.3	1110.9
Netherlands	1481.0	1598.8	1694.6	1721.7	1610.5	1489.1
New Zealand	1891.1	1928.6	2048.6	2033.8	1804.6	1714.1
Norway	1408.8	1514.6	1547.9	1556.2	1520.0	1488.0
Spain	1809.0	1705.6	1685.2	1634.2	1522.7	1362.2
Sweden	1433.2	1441.6	1407.9	1416.4	1427.4	1367.6
United Kingdom	2231.3	2220.4	2158.0	2087.7	1954.6	1788.0
Age 65-74						
United States	4811.6	4954.5	5080.9	4765.5	4234.9	3953.1
Australia	5082.2	5168.7	5314.3	5158.4	4435.7	3972.7
Canada	4425.8	4380.7	4358.9	4257.9	4027.2	3735.9
France	4827.9	4675.9	4724.7	4405.9	4068.2	3788.6
Germany ^a	4898.2	5013.8	5267.2	5237.8	4936.0	4572.6
Italy	4342.8	4464.1	4751.6	4522.0	4155.1	4000.7
Japan	5465.9	5122.2	4731.3	4247.3	3542.1	3093.7
Netherlands	3635.7	3802.8	4117.2	4262.7	4245.9	4023.7
New Zealand	4792.6	4787.6	4897.5	4601.3	4633.7	4297.4
Norway	3436.2	3716.3	3863.5	4002.7	3821.9	3764.3
Spain	4570.8	4355.2	4169.8	4202.8	3931.0	3384.3
Sweden	3764.7	3830.2	3832.7	3772.7	3757.9	3564.4
United Kingdom	5547.2	5454.4	5386.9	5263.5	5013.4	4636.2

^aBased on data from the former Federal Republic of Germany.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva Switzerland: World Health Organization, 1988).

Table C-2--Trends in Age-Specific Death Rates (per 100,000), Females, United States and Selected Countries, 1955-59 to 1980-84

Country	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age 15-24						
United States	65.1	61.0	65.3	66.1	58.9	52.9
Australia	56.5	55.3	57.0	57.8	52.1	45.1
Canada	56.8	54.4	53.0	58.1	53.1	43.2
France	59.3	54.6	57.1	58.6	54.7	51.1
Germany ^a	61.9	56.6	55.5	58.4	55.9	44.5
Italy	67.0	56.3	48.0	44.6	37.2	33.2
Japan	132.5	83.9	58.2	52.8	38.6	30.5
Netherlands	41.3	34.9	39.8	42.0	35.8	31.9
New Zealand	61.2	54.4	50.9	59.8	59.9	62.7
Norway	38.4	35.1	36.9	33.3	35.3	31.7
Spain	85.0	56.9	48.1	44.3	37.6	35.0
Sweden	46.0	42.1	43.7	42.3	41.4	31.1
United Kingdom	46.8	41.6	41.6	40.9	38.4	33.0
Age 25-34						
United States	108.6	106.4	104.3	96.5	78.8	71.6
Australia	89.5	83.9	80.2	73.3	61.1	53.5
Canada	92.1	79.4	75.4	73.8	64.1	56.3
France	108.6	91.9	83.6	75.8	68.5	67.8
Germany ^a	112.5	92.6	81.7	78.8	72.7	62.3
Italy	111.5	93.8	76.6	65.5	53.3	47.8
Japan	211.6	143.5	104.6	83.2	63.1	53.3
Netherlands	71.2	61.2	58.6	55.7	53.1	47.7
New Zealand	91.8	83.9	83.2	75.7	74.4	67.9
Norway	68.7	56.1	47.7	49.4	44.4	41.0
Spain	148.4	111.4	86.5	73.9	60.2	50.2
Sweden	73.4	68.9	64.2	58.7	58.7	53.5
United Kingdom	88.0	74.8	66.2	59.4	57.9	52.2
Age 35-44						
United States	232.0	228.0	235.1	220.1	175.4	148.2
Australia	199.1	189.9	190.2	178.8	146.6	112.2
Canada	186.5	168.8	167.8	165.6	145.3	123.1
France	217.1	188.7	178.4	166.8	148.5	131.6
Germany ^a	211.4	193.3	187.4	172.0	152.2	140.6
Italy	204.1	178.7	164.4	142.7	122.4	109.8
Japan	308.1	230.7	185.2	156.1	124.3	105.1
Netherlands	155.5	136.8	140.3	132.6	119.4	105.7
New Zealand	200.7	188.2	190.9	194.1	175.1	142.6
Norway	142.1	132.1	126.1	118.8	102.9	98.8
Spain	242.5	189.5	166.9	150.1	126.6	102.1
Sweden	161.7	140.3	144.3	135.6	128.5	109.7
United Kingdom	192.2	181.3	175.1	162.7	148.3	123.8

Table C-2-Trends In Age-Specific Death Rates (per 100,000), Females, United States and Selected Countries, 1955-59 to 1980-84 (Continued)

Country	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age 45-54						
United States	536.1	522.0	517.5	496.1	437.3	393.5
Australia	475.3	459.2	474.3	452.0	387.2	321.4
Canada	450.4	418.4	408.6	391.2	368.5	319.9
France	480.1	429.8	403.8	369.3	342.2	306.8
Germany ^a	458.2	449.8	438.8	422.3	392.3	331.3
Italy	435.3	416.0	394.6	353.4	321.4	284.6
Japan	604.3	506.0	421.1	350	289.6	249.9
Netherlands	361.3	339.4	338.8	341.6	316.4	287.6
New Zealand	484.7	454.0	480.3	462.7	446.3	402.4
Norway	333.8	307.0	303.8	298.4	291.1	266.2
Spain	471.8	411.6	369.4	348.6	300.4	253.9
Sweden	382.4	360.3	331.8	324.8	309.7	280.7
United Kingdom	463.0	452.1	443.6	448.1	430.2	375.2
Age 55-64						
United States	1216.6	1164.2	1120.3	1078.2	960.0	921.4
Australia	1123.6	1081.2	1081.5	1058.1	909.8	780.5
Canada	1121.1	1025.0	962.4	913.5	843.4	772.5
France	1058.1	949.1	892.3	831.4	711.5	629.8
Germany ^a	1121.0	1059.5	1043.3	1006.6	897.0	793.1
Italy	1084.2	1001.3	955.6	890.8	801.8	710.3
Japan	1361.9	1177.3	1015.7	866.3	690.6	572.4
Netherlands	920.3	837.2	821.7	779.4	714.6	671.4
New Zealand	1148.2	1090.8	1098.8	1060.3	1020.1	941.7
Norway	833.6	828.9	789.9	716.7	698.5	671.8
Spain	1093.7	1000.5	916.7	848.0	744.3	613.1
Sweden	972.9	873.9	807.8	752.7	708.5	676.2
United Kingdom	1139.1	1094.0	1054.1	1053.0	1027.1	981.5
Age 65-74						
United States	2944.8	2828.6	2759.2	2495.8	2151.0	2105.4
Australia	3008.3	2877.2	2876.8	2735.4	2249.7	2000.8
Canada	2899.4	2698.8	2443.4	2241.3	2059.9	1918.6
France	2850.2	2561.5	2396.9	2131.7	1872.0	1709.1
Germany ^a	3432.2	3120.1	3053.6	2859.6	2538.4	2313.9
Italy	3212.3	2945.4	2837.0	2517.1	2189.0	2044.5
Japan	3741.9	3312.4	2903.0	2522.6	2028.6	1695.2
Netherlands	2856.7	2570.4	2430.5	2272.8	2001.9	1799.2
New Zealand	3004.3	2871.1	2805.3	2666.7	2517.5	2402.0
Norway	2548.7	2547.4	2383.9	2224.7	1975.5	1818.2
Sweden	2950.2	2691.9	2432.1	2169.6	1980.7	1837.7
Spain	3213.3	2897.7	2657.0	2506.6	2172.4	1790.3
United Kingdom	3198.6	3048.9	2869.1	2738.7	2600.3	2472.6

^aBased on data from the former Federal Republic of Germany.

SOURCE: World Health Organization, World Health Statistics (Geneva, Switzerland: World Health Organization, 1988).

Table C-3a-Age- and Cause-Specific Death Rates (per 100,000), United States, 1980

cause of death	Age 0 death rate	Age 1-4 death rate	Age 5-14 death rate	Age 15-24 death rate	Age 25-34 death rate	Age 35-44 death rate	Age 45-54 death rate	Age 55-64 death rate	Age 65-74 death rate	Age 75+ death rate
Male										
Total	1099.0	56.5	30.9	151.0	196.7	301.4	629.0	1606.9	3573.8	10122.0
Cancer	2.3	3.8	3.6	5.9	11.7	39.7	166.3	526.7	1072.7	1985.8
Heart	29.7	2.8	1.4	4.8	14.7	62.5	229.2	676.1	1632.4	5234.9
Accidents	26.5	23.1	15.7	75.1	60.0	51.0	47.0	51.2	68.6	186.9
Violence	8.9	3.2	1.8	26.5	27.8	20.1	13.2	9.6	7.4	8.7
Infection	18.1	2.0	0.6	1.0	3.3	6.2	9.2	18.9	43.8	136.2
other	1013.5	21.6	7.8	37.7	79.2	121.9	164.1	324.4	748.9	2569.5
Females										
Total	886.3	45.0	20.4	52.1	74.0	140.0	350.9	904.7	2056.1	7632.6
Cancer	2.3	3.7	2.7	4.2	12.2	48.5	154.9	376.6	659.2	1064.4
Heart	25.0	2.9	1.1	3.0	7.8	24.5	89.1	296.2	871.4	4481.9
Accidents	21.3	15.9	8.4	23.3	16.6	15.0	16.0	20.7	35.4	121.4
Violence	9.3	2.7	1.2	6.6	8.3	5.5	3.7	3.1	3.7	4.4
Infection	15.5	1.8	0.6	0.9	1.7	3.1	5.5	13.0	29.3	119.9
Other	812.9	18.0	6.4	14.1	27.4	43.4	81.7	195.1	457.1	1840.6

SOURCES: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1981).

^a Cancer includes ICD-Basic Tabulation list codes 08-14; heart, 25-30; accidents, E47-E53; violence, E55-f

102 I International Health Statistics: What the Numbers Mean for the United States

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Australia										
Males										
Total	972.1	-1.5%	45.7	-19.1%	26.6	-13.9%	134.5	-10.9%	144.2	-26.7%
Cancer	4.0	73.9%	3.2	-15.8%	5.0	38.9%	6.8	15.3%	13.2	12.8%
Heart	2.4	-91.9%	0.8	-71.4%	0.8	-42.9%	4.0	-16.7%	10.0	-32.0%
Accidents	18.2	-31.3%	22.5	-2.6%	13.3	-15.3%	74.1	-1.3%	55.9	-6.8%
Violence	1.6	-82.0%	1.2	-62.5%	0.8	-55.6%	5.1	-80.8%	6.1	-78.1%
Infection	10.3	-43.1%	2.0	0.0%	0.9	50.0%	0.8	-20.0%	2.0	-39.4%
Other	935.6	-7.7%	16.0	-25.9%	5.8	-25.6%	43.7	15.9%	57.0	-28.0%
Females										
Total	754.4	-14.9%	41.6	-7.6%	16.5	-19.1%	47.5	-8.8%	53.3	-28.0%
Cancer	0.8	-65.2%	4.2	13.5%	2.3	-14.8%	3.7	-11.9%	10.8	-11.5%
Heart	5.0	-80.0%	1.0	-65.5%	0.7	-36.4%	2.2	-26.7%	5.8	-25.6%
Accidents	20.8	-2.3%	15.5	-2.5%	6.7	-20.2%	21.3	-8.6%	12.6	-24.1%
Violence	5.0	-46.2%	1.7	-37.0%	0.7	-41.7%	3.3	-50.0%	3.1	-62.7%
Infection	9.2	-40.6%	1.7	-5.6%	0.7	16.7%	0.7	-22.2%	0.1	-94.1%
Other	713.6	-12.2%	17.5	-2.8%	5.4	-15.6%	16.3	15.6%	20.9	-23.7%

Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	Y. different from U.S. rate	Death rate	Y. different from U.S. rate	Death rate	Y. different from U.S. rate	Death rate	% different from U.S. rate	Death rate	Y. different from U.S. rate
Australia										
Males										
Total	185.4	-38.5%	456.7	-27.4%	1359.7	-15.4%	3465.3	-3.0%	10023.4	-1.0%
Cancer	35.8	-9.8%	145.7	-12.4%	495.6	-5.9%	1096.6	2.2%	2179.4	9.7%
Heart	45.3	-27.5%	167.3	-27.0%	556.6	-17.7%	1639.2	0.4%	5146.6	-1.7%
Accidents	33.1	-35.1%	36.0	-19.1%	43.9	-14.3%	58.0	-15.5%	178.2	4.7%
Violence	5.3	-73.6%	4.3	-67.4%	4.5	-53.1%	3.0	-59.5%	3.5	-59.8%
Infection	2.7	-56.5%	4.6	-50.0%	5.0	-73.5%	15.6	-64.4%	56.5	-57.0%
Other	63.2	-48.2%	96.8	-41.0%	254.1	-21.7%	652.9	-12.8%	2457.2	-4.4%
Females										
Total	101.6	-27.4%	270.0	-23.1%	713.9	-21.1%	1814.4	-11.8%	7446.0	-2.4%
Cancer	48.0	-1.0%	144.2	-6.9%	336.5	-10.6%	586.1	-11.1%	1088.6	2.3%
Heart	13.3	-45.7%	51.9	-41.8%	215.2	-27.3%	826.0	-5.2%	4582.3	2.2%
Accidents	9.7	-35.3%	15.5	-3.1%	17.3	-16.4%	31.4	-11.3%	145.9	20.2%
Violence	3.3	-40.0%	2.9	-21.6%	0.8	-74.2%	1.0	-73.0%	2.7	-38.6%
Infection	0.7	-77.4%	2.0	-63.6%	4.4	-66.2%	9.9	-66.2%	36.8	-67.6%
Other	26.6	-38.7%	53.5	-34.5%	139.7	-28.4%	360.0	-21.2%	1587.7	-13.7%

Appendix C-International Mortality Comparisons by Age: Tables and Figures I 103

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Canada										
Males										
Total	803.9	-26.9%	45.5	-19.5%	28.9	-6.5%	121.9	-19.37%	132.0	-32.9%
Cancer	1.6	-30.4%	4.6	21.1%	4.9	36.1%	6.3	6.8%	10.7	-8.5%
Heart	10.4	-65.0%	1.2	-57.1%	0.5	-33.3%	2.4	-50.0%	7.7	-47.67%
Accidents	12.5	-52.8%	17.3	-25.1%	14.2	-9.6%	66.1	-12.0%	49.9	-16.8%
Violence	3.6	-59.6%	0.6	-81.3%	0.8	-55.6%	4.7	-82.3%	7.6	-72.7%
Infection	6.2	-65.7%	0.9	-55.0%	0.4	-33.3%	0.3	-70.0%	0.9	-72.7%
Other	769.6	-24.1%	20.9	-3.2%	8.1	3.8%	42.1	11.77%	55.2	-30.3%
Females										
Total	631.7	-28.7%	36.6	-18.7%	17.1	-16.2%	38.8	-25.5%	50.2	-32.2%
Cancer	2.7	17.4%	4.3	16.2%	3.0	11.1%	3.8	-9.5%	12.4	1.6%
Heart	4.9	-80.4%	2.0	-31.0%	0.7	-36.4%	1.5	-50.0%	4.5	-42.3%
Accidents	16.9	-20.7%	10.2	-35.8%	6.5	-22.6%	16.5	-29.2%	11.5	-30.7%
Violence	2.7	-71.07%	1.6	-40.7%	0.4	-36.7%	2.2	-66.7%	3.3	40.2%
Infection	4.4	-71.6%	1.1	-38.9%	0.3	-50.0%	0.6	-33.3%	0.6	64.7%
Other	600.1	-26.2%	17.4	-3.3%	6.2	-3.1%	14.2	0.7%	17.9	-34.7%
Canada										
Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Males										
Total	189.1	-37.3%	474.9	-24.5%	1390.1	-13.5%	3474.7	-2.8%	10148.3	0.3%
Cancer	33.7	-15.1%	151.1	-9.1%	527.6	0.2%	1183.2	10.3%	2275.1	14.6%
Heart	40.1	-35.8%	161.9	-29.4%	538.6	-20.3%	1483.8	-9.1%	4743.5	-9.4%
Accidents	37.5	-26.5%	39.2	-16.6%	47.7	-6.8%	63.8	-7.0%	216.5	15.6%
Violence	6.6	-67.2%	5.9	-55.3%	5.7	-40.6%	5.5	-25.7%	8.2	-5.7%
Infection	0.9	-85.57%	1.9	-79.3%	7.4	-60.8%	19.9	-54.6%	52.0	-61.8%
Other	70.3	-42.3%	114.9	-30.0%	263.1	-18.90%	718.5	-4.1%	2853.0	11.0%
Females										
Total	105.3	-24.8%	280.4	-20.1%	729.3	-19.4%	1771.1	-13.9%	7133.6	-6.5%
Cancer	46.8	-3.5%	149.9	-3.2%	369.9	-1.87%	669.5	1.6%	1179.3	10.8%
Heart	15.2	-38.0%	53.2	-40.3%	191.3	-35.4%	681.6	-21.8%	3844.4	-14.2%
Accidents	9.5	-36.7%	13.8	-13.7%	20.3	-1.9%	33.6	-5.1%	177.5	46.2%
Violence	3.0	-45.5%	3.7	0.0%	2.5	-19.4%	1.7	-54.1%	3.0	-31.8%
Infection	0.9	-71.07%	1.8	-67.3%	5.2	-60.0%	12.0	-59.0%	42.4	-64.6%
Other	29.9	-31.1%	58.0	-29.0%	140.1	-28.2%	372.7	-18.5%	1687.0	2.5%

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
France										
Males										
Total	892.9	-18.8%	47.6	-15.8%	24.7	-20.170	115.8	-23.3%	163.2	-17.09/0
Cancer	4.3	87.0%	4.2	10.5%	3.7	2.8%	6.7	13.6%	11.9	1.7%
Heart	13.4	-54.9%	1.4	-50.0%	1.0	-28.6%	3.2	-33.3%	10.2	-30.6%
Accidents	38.7	46.0%	16.6	-28.1 %	10.4	-33.8%	66.4	-11.6%	55.2	-8.0%
Violence	3.8	-57.3%	2.7	-15.6%	1.2	-33.3%	5.2	-80.4%	8.0	-71.2%
Infection	18.5	2.2%	1.1	-45.0%	0.7	16.7%	0.7	-30.0%	0.9	-72.7%
Other	814.2	-19.7%	21.6	0.0%	7.7	-1.3%	33.6	-10.9%	77.0	-2.8%
Females										
Total	668.4	-24.6%	37.3	-17.1 %	17.4	-14.7%	40.2	-22.8%	60.9	-17.7%
Cancer	4.5	95.7%	4.1	10.8%	2.4	-11.1%	4.1	-2.4%	11.8	-3.3%
Head	10.4	-58.4%	1.9	-34.5%	1.0	-9.1%	2.4	-20.0%	5.0	-35.9%0
Accidents	32.2	51.2%	11.1	-30.2%	6.5	-22.6%	17.5	-24.9%	12.6	-24.1%
Violence	4.8	48.4%	2.2	-18.5%	0.7	-41.7%	1.4	-78.8%	2.5	-69.9%
Infection	10.6	-31.6%	2.1	16.7%	0.4	-38.3%	0.6	-33.3%	0.8	-52.9%
Other	605.9	-25.5%	15.9	-11.7%	6.4	0.0%	14.2	0.7%	28.2	2.9%
France										
Males										
Total	272.3	-9.7%	640.8	1.9%	1498.3	43.8%	3004.1	-15.9%	9623.2	-4.9%
cancer	58.0	46.1 %	254.0	52.7%	677.0	28.5%	1197.9	11.7%	2371.1	19.4%
Heart	40.1	-35.8%	116.6	-49.1%	350.7	-48.1%	926.8	-43.2%	3793.6	-27.5%
Accidents	47.0	-7.8%	56.6	20.4%	70.0	36.7%	106.3	55.0%	369.3	97.6%
violence	7.7	-61.7%	7.7	-41.7%	6,0	-37.5%	6.8	-8.1%	12.9	48.3%
Infection	2.4	-61.3%	5.6	-39.1%	14.1	-25.4%	34.7	-20.8%	132.0	-3.1%
#her	117.1	-3.9%	200.3	22.1%	380.5	17.3Y0	731.6	-2.3%	2944.3	14.6Y0
Females										
Total	119.7	-14.5%	272.9	-22.2\$/0	558.8	-38.2%	1311.6	-36.2%	7157.4	-6.2%
Cancer	42.3	-12.8%	125.3	-19.1 %	267.3	-29.0%	488.1	-26.0%	1095.5	2.9%
Heart	12.0	-51.0%	33.5	-62.4%	107.4	-63.7%	409.8	-53.0%	3256.7	-27.3%
Accidents	14.0	6.7%	18.2	13.7Y0	24.9	20.3%	48,1	35.9%	384.1	216.4%
Violence	3.3	40.0%	4.0	8.1%	2.7	-12.9%	3.5	-5.4%	6.6	50.0%
Infection	1.1	-64.5%	2.2	-60.0%	6.3	-51.5%	18.2	-37.9%	97.3	-18.8%
Other	47.0	8.3%	89.7	9.8%	150.2	-23.0%	343.9	-24.8%	2317.2	25.9%

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Germany^a										
Males										
Total	866.9	-21.1%	46.6	-17.5%	24.0	-22.3%	90.2	-40.3%	109.8	-44.2%
Cancer	2.9	26.1%	5.0	31.6%	4.2	16.7%	6.5	10.2%	12.4	6.0%
Heart	5.5	-81.5%	2.1	-25.0%	0.9	-35.7%	3.3	-31.3%	10.0	-32.0%
Accidents	17.8	-32.8%	14.6	-36.8%	9.9	-36.9%	47.6	-36.6%	28.8	-52.0%
Violence	4.8	-46.1%	1.3	-59.4%	0.8	-55.6%	3.3	-87.5%	4.2	-84.9%
Infection	10.9	-39.8%	2.1	5.0%	0.7	16.7%	0.5	-50.0%	0.9	-72.7%
Other	825.0	-18.6%	21.5	-0.5%	7.5	-3.8%	29.0	-23.1%	53.5	-32.4%
Females										
Total	626.5	-29.3%	37.5	-16.7%	16.1	-21.1%	34.4	-34.0%	50.7	-31.5%
Cancer	1.8	-21.7%	3.6	-2.7%	3.0	11.1%	4.3	24.0%	13.9	13.9%
Heart	4.6	-81.6%	0.8	-72.4%	0.6	-45.5%	2.2	-26.7%	5.8	-25.6%
Accidents	17.6	-17.4%	9.9	-37.7%	5.0	-40.5%	12.7	-45.5%	6.4	-61.4%
Violence	2.4	-74.2%	1.0	-63.0%	0.9	-25.0%	1.7	-74.2%	2.1	-74.7%
Infection	11.2	-27.7%	2.4	33.3%	0.6	0.0%	0.4	-55.6%	0.6	-64.7%
Other	588.9	-27.6%	19.8	10.0%	6.0	-6.2%	13.1	-7.1%	21.9	-20.1%
Germany^a										
Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Males										
Total	215.9	-28.4%	588.7	-6.4%	1530.2	-4.8%	3758.4	5.2%	11374.5	12.4%
Cancer	47.0	18.4%	189.5	14.0%	536.5	1.9%	1167.3	8.8%	2516.6	26.7%
Heart	46.1	-26.2%	176.9	-22.8%	600.6	-11.2%	1773.0	8.6%	6218.8	18.8%
Accidents	24.4	-52.2%	30.7	-34.7%	33.5	-34.6%	46.0	-32.9%	176.7	-5.5%
Violence	4.5	-77.6%	4.8	-63.6%	3.7	-61.5%	4.9	-33.8%	7.4	-14.9%
Infection	2.7	-56.5%	4.4	-52.2%	11.8	-37.6%	26.2	-40.2%	65.4	-52.0%
Other	91.2	-25.2%	182.4	11.2%	344.1	6.1%	741.0	-1.1%	2389.6	-7.0%
Females										
Total	120.1	-14.2%	287.1	-18.2%	707.1	-21.8%	1903.4	-7.4%	8220.7	7.7%
Cancer	52.4	8.0%	146.2	-5.6%	329.5	-12.5%	647.6	-1.8%	1379.9	29.6%
Heart	17.2	-29.8%	49.8	-44.1%	204.3	-31.0%	840.4	-3.6%	5066.5	13.0%
Accidents	6.2	-58.7%	9.1	-43.1%	11.9	-42.5%	28.0	-20.9%	180.7	48.8%
Violence	3.0	-45.5%	2.4	-35.1%	2.1	-32.3%	1.9	-48.6%	4.7	6.8%
Infection	1.2	-61.3%	2.3	-58.2%	5.0	-61.5%	14.3	-51.2%	49.0	-59.1%
Other	40.1	-7.6%	77.3	-5.4%	154.3	-20.9%	371.2	-18.8%	1539.9	-16.3%

**Table C-3b--Age- and Cause-Specific Mortality Rates of Selected Countries
Compared with U.S. Rates, 1988 (Continued)**

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Italy										
Males										
Total	1015.4	-7.6%	35.4	-37.3%	22.2	-28.2%	89.1	-41.0%	109.9	-44.1%
Cancer	4.0	73.9%	5.0	31.6%	5.0	38.9%	7.4	25.4%	12.2	4.3%
Heart	5.4	-81.8%	2.3	-17.9%	1.1	-21.4%	4.9	2.1%	10.7	-27.2%
Accidents	14.1	-46.8%	9.4	-59.3%	8.4	-46.5%	48.6	-35.3%	36.4	-39.3%
Violence	1.0	-88.8%	0.1	-96.9%	0.4	-77.8%	4.2	-84.2%	6.8	-75.5%
Infection	6.7	-63.0%	1.3	-35.0%	0.4	-33.3%	0.5	-50.0%	1.0	-69.7%
Other	984.2	-2.9%	17.3	-19.9%	6.9	-11.5%	23.5	-37.7%	42.8	-46.0%
Females										
Total	818.0	-7.7%	29.3	-34.9%	15.1	-26.0%	29.4	-43.6%	42.3	-42.8%
Cancer	2.9	26.1%	4.9	32.4%	3.7	37.0%	5.9	40.5%	12.5	2.5%
Heart	4.7	-81.2%	2.3	-20.7%	1.4	-27.3%	2.3	-23.3%	5.0	-35.9%
Accidents	12.9	-39.4%	5.1	-67.9%	4.0	-52.4%	10.6	-54.5%	7.2	-56.6%
Violence	0.0	-100.0%	0.4	-85.2%	0.3	-75.0%	0.9	-86.4%	1.0	-88.0%
Infection	6.8	-56.1%	0.7	-61.1%	0.5	-16.7%	0.3	-66.7%	0.5	-70.6%
Other	790.7	-2.7%	15.9	-11.7%	5.2	-18.7%	9.4	-33.3%	16.1	-41.2%
Italy										
Males										
Total	173.2	-42.5%	490.4	-22.2%	1455.1	-9.4%	3479.3	-2.6%	10393.2	2.7%
Cancer	44.6	12.3%	200.4	20.5%	648.2	23.1%	1301.3	21.3%	2248.5	13.2%
Heart	39.3	-37.1%	130.0	-43.3%	449.6	-33.5%	1293.2	-20.8%	5133.2	-1.9%
Accidents	31.7	-37.8%	40.5	-13.8%	51.3	0.2%	79.4	15.7%	258.2	38.1%
Violence	5.7	-71.6%	4.8	-63.6%	4.4	-54.2%	5.5	-25.7%	8.8	1.1%
Infection	1.3	-79.0%	3.1	-66.3%	7.1	-62.4%	18.6	-57.5%	34.0	-75.0%
Other	50.6	-58.5%	111.6	-32.0%	294.5	-9.2%	781.3	4.3%	2710.5	5.5%
Females										
Total	96.3	-31.2%	245.3	-30.1%	622.2	-31.2%	1705.2	-17.1%	7856.2	2.9%
Cancer	49.5	2.1%	136.8	-11.7%	297.1	-21.1%	568.8	-13.7%	1153.1	8.3%
Heart	15.3	-37.6%	45.0	-49.5%	162.6	-45.1%	681.1	-21.8%	4541.6	1.3%
Accidents	6.4	-57.3%	10.4	-35.0%	16.2	-21.7%	37.8	6.8%	275.1	126.6%
Violence	0.9	-83.6%	1.0	-73.0%	1.2	-61.3%	1.7	-54.1%	5.0	13.6%
Infection	0.6	-80.6%	1.1	-80.0%	3.3	-74.6%	7.7	-73.7%	22.9	-80.9%
Other	23.6	45.6%	51.0	-37.6%	141.8	-27.3%	408.1	-10.7%	1858.5	1.0%

Appendix C-international Mortality Comparisons by Age: Tables and Figures I 107

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1 - 4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Japan										
Males										
Total	508.8	-53.7%	50.9	-9.9%	20.1	-35.0%	72.0	-52.3%	80.8	-58.9%
Cancer	2.4	4.3%	3.9	2.6%	3.7	2.8%	5.6	-5.1%	11.5	-1.7%
Heart	19.0	-36.0%	3.5	25.0%	1.4	0.0%	5.5	14.6%	13.8	-6.1%
Accidents	36.6	38.1%	18.1	-21.6%	7.3	-53.5%	39.4	47.5%	19.4	47.7%
Violence	9.3	4.5%	2.1	-34.4%	0.8	-55.6%	2.3	-91.3%	2.6	-90.6%
Infection	16.2	-10.5%	2.5	25.0%	0.5	-16.7%	0.7	-30.0%	1.0	-69.7%
Other	425.3	-58.0%	20.8	-3.7%	6.4	-17.9%	18.5	-50.9%	32.5	-59.0%
Females										
Total	443.0	-50.0%	39.7	-11.8%	13.3	-34.8%	27.2	-47.8%	43.2	-41.6%
Cancer	2.3	0.0%	3.8	2.7%	3.0	11.1%	4.2	0.0%	12.8	4.9%
Heart	15.3	-38.8%	2.5	-13.80%	1.1	0.0%	2.6	-13.3%	6.4	-17.9%
Accidents	29.6	39.0%	10.4	-34.6%	2.9	-65.5%	7.1	-69.5%	3.3	-80.1%
Violence	8.5	-8.6%	2.1	-22.2%	0.6	-50.0%	1.1	-83.3%	1.2	-85.5%
Infection	11.6	-25.2%	1.9	5.6%	0.4	-33.3%	0.6	-33.3%	0.8	-52.9%
Other	375.7	-53.8%	19.0	5.6%	5.3	-17.29%	11.6	-17.77%	18.7	-31.8%
Japan										
Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Males										
Total	161.1	-46.5%	430.6	-31.5%	1073.7	-33.2%	2661.6	-25.5%	9361.4	-7.5%
Cancer	38.3	-3.5%	139.7	-16.0%	461.1	-12.5%	1007.6	-6.1%	1911.0	-3.8%
Heart	41.0	-34.4%	115.5	-49.6%	293.4	-56.6%	879.1	-46.1%	3979.8	-24.0%
Accidents	20.9	-59.0%	35.9	-23.6%	49.3	-3.7%	77.3	12.7%	177.8	-4.9%
Violence	4.4	-78.1%	6.1	-53.8%	5.1	-46.9%	5.5	-25.7%	9.3	6.9%
Infection	2.6	-58.1%	6.5	-29.3%	18.2	-3.7%	49.8	13.7%	134.8	-1.0%
Other	53.9	-55.8%	126.9	-22.7%	246.6	-24.0%	642.3	-14.2%	3148.7	22.5%
Females										
Total	91.8	-34.4%	214.7	-38.8%	485.9	-46.3%	1350.4	-34.3%	6675.8	-12.5%
Cancer	42.6	-12.2%	100.9	-34.9%	217.4	-42.3%	445.8	-32.4%	938.1	-1.9%
Heart	16.7	-31.87%	50.7	-43.1%	134.6	-54.6%	521.9	-40.1%	3389.3	-24.4%
Accidents	4.7	-68.7%	8.3	-48.1%	13.8	-33.3%	31.0	-12.4%	105.8	-12.9%
Violence	1.9	-65.5%	2.2	-40.5%	2.0	-35.5%	3.3	-10.8%	7.1	61.4%
Infection	1.3	-58.1%	3.0	-45.5%	7.8	-40.0%	20.9	-28.7%	65.5	-45.4%
Other	24.6	-43.3%	49.6	-39.3%	110.3	-43.5%	327.5	-28.4%	2170.0	17.9%

Table C-3 b-Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Netherlands										
Males										
Total	798.1	-27.4%	48.2	-14.7%	22.0	-28.8%	63.9	-57.7%	83.8	-57.4%
Cancer	4.2	82.6%	4.1	7.9%	4.1	13.9%	8.0	35.6%	12.4	6.0%
Heart	11.5	-61.3%	0.5	-82.1%	0.6	-57.1%	2.7	-43.7%	8.1	-44.9%
Accidents	10.5	-60.4%	14.2	-38.5%	7.7	-51.0%	27.6	-63.2%	18.3	-69.5%
Violence	1.0	-88.8%	0.8	-75.0%	0.2	-88.9%	1.9	-92.8%	3.8	-86.3%
Infection	11.5	-36.5%	3.3	65.0%	0.6	0.0%	1.1	10.0%	0.2	-93.9%
Other	759.4	-25.1%	25.3	17.1%	8.8	12.8%	22.6	-40.1%	41.0	-48.2%
Females										
Total	562.7	-36.5%	32.1	-28.7%	14.6	-28.4%	26.2	-49.7%	45.4	-38.6%
Cancer	7.7	234.8%	4.3	16.2%	2.7	0.0%	4.2	0.0%	13.0	6.6%
Heart	5.5	-78.0%	1.4	-51.7%	0.8	-27.3%	1.7	-43.3%	6.0	-23.1%
Accidents	8.8	-58.7%	6.0	-62.3%	4.5	-46.4%	7.9	-66.1%	3.7	-77.7%
Violence	4.4	-52.7%	1.4	-48.1%	0.2	-83.3%	0.9	-86.4%	1.4	-83.1%
Infection	11.0	-29.0%	1.7	-5.6%	0.3	-50.0%	0.3	-66.7%	0.6	-64.7%
Other	525.3	-35.4%	17.3	-3.9%	6.1	-4.7%	11.2	-20.6%	20.7	-24.5%

Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Netherlands										
Males										
Total	153.3	-49.1%	435.9	-30.7%	1353.6	-15.8%	3736.5	4.6%	11182.0	10.5%
Cancer	38.6	-2.8%	154.0	-7.4%	544.3	3.3%	1402.2	30.7%	2961.2	49.1%
Heart	42.4	-32.2%	161.0	-29.8%	531.6	-21.4%	1561.3	-4.4%	4881.9	4.7%
Accidents	14.8	-71.0%	19.6	-58.3%	21.1	-58.8%	38.2	-44.3%	207.5	11.0%
Violence	2.4	-88.1%	2.2	-83.3%	2.2	-77.1%	1.5	-79.7%	2.9	-66.7%
Infection	0.5	-91.9%	1.8	-80.4%	5.9	-68.8%	14.8	-66.2%	48.4	-64.5%
Other	54.6	-55.2%	97.3	-40.7%	248.5	-23.4%	718.5	-4.1%	3080.1	19.9%
Females										
Total	103.3	-26.2%	258.8	-26.2%	648.0	-28.4%	1674.1	-18.6%	7632.8	0.0%
Cancer	51.4	6.0%	148.1	-4.4%	338.5	-10.1%	622.2	-5.6%	1343.9	26.3%
Heart	13.7	-44.1%	46.0	-48.4%	166.4	-43.8%	643.1	-26.2%	3838.7	-14.4%
Accidents	4.9	-67.3%	7.1	-55.6%	9.1	-56.0%	26.4	-25.4%	194.2	60.0%
Violence	0.9	-83.6%	1.4	-62.2%	1.1	-64.5%	0.7	-81.1%	1.0	-77.3%
Infection	0.8	-74.2%	1.1	-80.0%	3.3	-74.6%	10.4	-64.5%	41.5	-65.4%
Other	31.6	-27.2%	55.1	-32.6%	129.6	-33.6%	371.3	-18.8%	2213.5	20.3%

Appendix C--International Mortality Comparisons by Age: Tables and Figures I 109

Table C-3 b-Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
New Zealand										
Males										
Total	1073.7	-2.3%	58.9	4.2%	38.8	25.6%	174.6	15.6%	153.1	-22.2%
Cancer	7.0	204.3%	9.7	155.3%	8.9	147.2%	9.4	59.3%	15.1	29.1%
Heart	3.5	-88.2%	0.0	-100.0%	1.8	28.6%	4.7	-2.1%	13.2	-10.2%
Accidents	28.0	5.7%	28.0	21.2%	17.4	10.8%	106.9	42.3%	70.3	17.2%
Violence	3.5	-60.7%	2.9	-9.4%	0.4	-77.8%	7.7	-70.9%	6.8	-75.5%
infection	14.0	-22.7%	1.9	-5.0%	1.1	83.3%	1.3	30.0%	1.9	-42.4%
Other	1017.7	0.4%	16.4	-24.1%	9.2	17.9%	44.6	18.3%	45.8	-42.2%
Females										
Total	949	7.1%	51.8	15.1%	22.7	11.3%	62.1	19.2%	71.5	-3.4%
Cancer	3.8	65.2%	8.1	118.9%	3.9	44.4%	5.9	40.5%	16.3	33.6%
Heart	11.3	-54.8%	0.0	-100.0%	1.5	36.4%	2.4	-20.0%	8.2	5.1%
Accidents	37.5	76.1%	23.4	47.2%	9.2	9.5%	29.8	27.9%	20.4	22.9%
Violence	3.8	-59.1%	1.0	-63.0%	0.4	-66.7%	2.8	-57.6%	2.6	-68.7%
Infection	26.3	69.7%	0.0	-100.0%	0.4	-33.3%	0.7	-22.2%	0.7	-58.8%
Other	866.3	6.6%	19.3	7.2%	7.3	14.1%	20.5	45.4%	23.3	-15.0%
New Zealand										
Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Males										
Total	190.0	-37.0%	562.3	-10.6%	1547.6	-3.7%	4100.1	14.7%	11066.8	9.3%
Cancer	39.8	0.3%	148.8	-10.5%	482.5	-8.4%	1197	11.6%	2190.6	10.3%
Heart	57.2	-8.5%	260.5	13.7%	752.4	11.3%	2080.1	27.4%	5556.0	6.1%
Accidents	36.2	-29.0%	41.4	-11.9%	40.6	-20.7%	63.2	-7.9%	196.5	5.1%
Violence	1.8	-91.0%	5.6	-57.6%	2.8	-70.8%	8.4	13.5%	2.0	-77.0%
infection	2.7	-56.5%	1.2	-87.0%	5.6	-70.4%	13.7	48.7%	47.2	-65.3%
Other	52.3	-57.1%	104.8	-36.1%	263.7	-18.7%	737.7	-1.5%	3074.5	19.7%
Females										
Total	128.5	-8.2%	385.9	10.0%	928.5	2.6%	2338.2	13.7%	8376.0	9.7%
Cancer	62.9	29.7%	185.4	19.7%	425.4	13.0%	753.2	14.3%	1190.3	11.8%
Heart	22.0	-10.2%	90.8	1.9%	316.7	6.9%	1078.6	23.8%	4808.5	7.3%
Accidents	15.7	4.7%	15.1	-5.6%	18.2	-12.1%	35.0	-1.1%	218.0	79.6%
violence	0.8	-85.5%	3.2	-13.5%	2.1	-32.3%	2.6	-29.0%	1.2	-72.7%
Infection	2.7	-12.9%	1.9	-65.5%	4.9	-62.3%	12.0	-59.0%	49.6	-58.6%
Other	24.4	-43.8%	89.5	9.5%	161.2	-17.4%	456.8	-0.1%	2108.4	14.5%

Table C-3b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Norway										
Males										
Total	919.5	-16.3%	51.7	-8.5%	26.1	-15.5%	97.8	-35.2%	113.4	-42.3%
Cancer	0.0	-100.0%	7.5	97.4%	5.4	50.0%	3.2	-45.8%	11.7	0.0%
Heart	3.4	-88.6%	1.9	-32.1%	0.4	-71.4%	3.5	-27.1%	9.9	-32.7%
Accidents	3.4	-87.2%	13.2	-42.9%	10.5	-33.1%	48.0	-36.1%	35.1	-41.5%
Violence	0.0	-100.0%	0.0	-100.0%	0.4	-77.8%	3.2	-87.9%	3.1	-88.8%
Infection	17.0	-6.1%	4.7	135.0%	0.0	-100.0%	0.0	-100.0%	0.9	-72.7%
Other	095.7	-11.6%	24.4	13.0%	9.4	20.5%	39.9	5.8%	52.7	-33.5%
Females										
Total	734.3	-17.1%	38.5	-14.4%	10.6	-48.0%	30.2	-42.0%	40.3	-45.5%
Cancer	7.1	208.7%	3.0	-18.9%	3.4	25.9%	2.5	4.5%	7.1	-41.8%
Heart	0.0	-100.0%	0.0	-100.0%	0.8	-27.3%	2.2	-26.7%	3.6	-53.8%
Accidents	10.7	-49.8%	9.9	-37.7%	2.3	-72.6%	10.8	-53.6%	7.5	-54.8%
Violence	0.0	-100.0%	0.0	-100.0%	0.0	-100.0%	0.6	-90.9%	0.6	-92.8%
Infection	10.7	-31.0%	6.9	283.3%	0.8	33.3%	0.9	0.0%	1.0	-41.2%
Other	705.8	-13.2%	18.7	3.9%	3.3	-48.4%	13.2	-6.4%	20.5	-25.2%
Norway										
Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Males										
Total	188.4	-37.5%	518.6	-17.6%	1440.8	-10.3%	3549.6	-0.7%	11058.0	9.2%
Cancer	36.6	-7.8%	126.4	-24.0%	452.5	-14.1%	1035.5	-3.5%	2135.6	7.5%
Heart	42.0	-32.8%	201.5	-12.1%	669.4	-1.0%	1794.8	9.9%	5608.0	7.1%
Accidents	30.9	-39.4%	54.7	16.4%	51.6	0.8%	66.5	-3.1%	341.4	82.7%
Violence	6.0	-70.1%	4.3	-67.4%	2.0	-79.2%	2.8	-62.2%	1.9	-78.2%
Infection	1.6	-74.2%	1.9	-79.3%	4.6	-75.7%	15.8	-63.9%	69.2	-49.2%
Other	71.3	-41.5%	129.8	-20.9%	260.7	-19.6%	634.2	-15.3%	2901.9	12.9%
Females										
Total	109.5	-21.8%	277.1	-21.0%	681.5	-24.7%	1790.2	-12.9%	8241.4	8.0%
Cancer	49.8	2.7%	163.2	5.4%	347.6	-7.7%	560.8	-14.9%	1130.6	6.2%
Heart	12.8	-47.8%	37.0	-58.5%	194.4	-34.4%	814.8	-6.5%	4339.6	-3.2%
Accidents	8.4	-44.0%	10.4	-35.0%	10.2	-50.7%	38.5	8.8%	333.5	174.7%
Violence	1.3	-76.4%	3.0	-18.9%	0.5	-83.9%	1.4	-62.2%	0.5	-88.6%
Infection	1.0	-67.7%	0.5	-90.9%	3.4	-73.8%	15.8	-46.1%	62.0	-48.3%
Other	36.2	-16.6%	63.0	-22.9%	125.4	-35.7%	358.9	-21.5%	2375.2	29.0%

Appendix C-International Mortality Comparisons by Age: Tables and Figures I 111

**Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries
Compared with U.S. Rates, 1988 (Continued)**

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Spain										
Males										
Total	1009.1	-8.2%	45.4	-19.6%	27.8	-10.0%	114.3	-24.3%	140.7	-28.5%
Cancer	5.0	117.4%	4.8	26.3%	5.4	50.0%	8.6	45.8%	14.4	23.1%
Heart	56.9	91.6%	3.4	21.4%	2.0	42.9%	9.5	97.9%	18.4	25.2%
Accidents	43.4	63.8%	14.6	-36.8%	11.2	-28.7%	70.0	-6.8%	59.8	-0.3%
Violence	0.9	-89.9%	0.5	-84.4%	0.4	-77.8%	2.7	-89.8%	4.0	-85.6%
Infection	28.9	59.7%	3.8	90.0%	1.0	66.7%	1.5	50.0%	2.6	-21.2%
Other	874	-13.8%	18.3	-15.3%	7.8	0.0%	22.0	-41.6%	41.5	-47.6%
Females										
Total	757.2	-14.6%	39.2	-12.9%	17.8	-12.7%	41.5	-20.3%	50.6	-31.6%
Cancer	1.9	-17.4%	4.7	27.0%	3.9	44.4%	5.5	31.0%	12.3	0.8%
Heart	39.9	59.6%	2.0	-31.0%	1.5	36.4%	4.7	56.7%	7.9	1.3%
Accidents	30.2	41.8%	11.1	-30.2%	5.1	-39.3%	17.6	-24.5%	11.1	-33.1%
Violence	2.4	-74.2%	0.5	-81.5%	0.3	-75.0%	1.1	-83.3%	0.8	-80.4%
Infection	20.9	34.8%	3.7	105.6%	0.6	0.0%	1.1	22.2%	1.4	-17.6%
Other	661.9	-18.6%	17.2	-4.4%	6.4	0.0%	11.5	-18.4%	17.1	-37.6%

Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Spain										
Males										
Total	223.5	-25.8%	538.2	-14.4%	1294.8	-19.4%	3151.4	-11.8%	8644.2	-4.7%
Cancer	54.0	36.0%	188.9	13.6%	491.7	-6.6%	1053.3	-1.8%	1916.7	-3.5%
Heart	50.3	-19.5%	147.9	-35.5%	393.2	-41.8%	1138.2	-30.3%	4484.5	-14.1%
Accidents	50.7	-0.6%	56.4	20.0%	61.9	20.9%	74.8	9.0%	141.5	-24.3%
Violence	3.0	-85.1%	3.3	-75.0%	2.5	-74.0%	2.6	-64.9%	4.7	-48.0%
Infection	4.3	-30.6%	8.0	-13.0%	15.4	-18.5%	31.8	-27.4%	86.0	-36.9%
Other	61.2	-49.8%	133.7	-18.5%	330.1	1.8%	850.7	13.6%	3000.8	16.870
Females										
Total	101.2	-27.7%	237.8	-32.2%	553.5	-38.8%	1582.9	-23.0%	7587.9	0.6%
Cancer	45.5	-6.2%	119.5	-22.9%	231.6	-38.5%	444.3	-32.6%	912.2	-14.3%
Heart	17.5	-28.6%	47.8	-46.4%	152.1	-48.6%	657	-24.6%	4412.2	-1.6%
Accidents	9.4	-37.3%	13.4	-16.3%	21.0	1.4%	35.9	1.4%	74.1	-39.0%
Violence	1.2	-78.2%	1.0	-73.0%	1.0	-67.7%	1.3	-64.9%	2.6	-40.9%
Infection	1.9	-38.7%	2.3	-58.2%	7.3	-43.8%	16.8	-42.7%	59.6	-50.3%
Other	25.7	-40.8%	53.8	-34.1%	140.5	-28.0%	427.6	-6.5%	2127.2	15.6%

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-74		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Sweden										
Males										
Total	657.2	-40.2%	30.9	-45.3%	20.3	-34.3%	81.0	-46.4%	114.8	-41.6%
Cancer	1.7	-26.1%	2.4	-36.8%	3.5	-2.8%	5.4	-8.5%	12.3	5.1%
Heart	5.2	-82.5%	0.0	-100.0%	1.0	-28.6%	3.3	-31.3%	9.4	-36.1%
Accidents	8.6	-67.5%	7.3	-68.4%	9.4	40.1%	35.5	-52.7%	31.6	-47.3%
Violence	3.5	-60.7%	2.5	-21.9%	0.4	-77.8%	6.9	-74.0%	12.0	-56.8%
Infection	5.2	-71.3%	1.0	-50.0%	0.2	-66.7%	0.3	-70.0%	0.0	-100.0%
Other	633.0	-37.5%	17.7	-18.1%	5.8	-25.6%	29.6	-21.5%	49.5	-37.5%
Females										
Total	501.3	-43.4%	26.4	-41.3%	12.3	-39.7%	34.0	-34.7%	51.3	-30.7%
Cancer	3.7	60.9%	2.1	-43.2%	2.3	-14.8%	4.0	-4.8%	12.1	-0.8%
Heart	11.1	-55.6%	1.0	-65.5%	0.8	-27.3%	1.7	-43.3%	4.3	-44.9%
Accidents	1.8	-91.5%	5.2	-67.3%	4.3	-48.8%	10.7	-54.1%	6.7	-59.6%
Violence	0.0	-100.0%	0.0	-100.0%	0.2	-83.3%	2.5	-62.1%	4.1	-50.6%
Infection	5.5	-64.5%	1.6	-11.1%	0.4	-33.3%	1.0	11.1%	0.7	-58.8%
Other	479.2	-41.1%	16.5	-8.3%	4.3	-32.8%	14.1	0.0%	23.4	-14.6%

Cause of death	Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Sweden				
Males				
Total	195.5	-35.1%	438.9	-30.2%
Cancer	26.3	-33.8%	106.8	-34.6%
Heart	39.0	-37.6%	150.7	-34.2%
Accidents	29.4	-42.4%	34.1	-27.4%
Violence	16.8	-16.4%	18.3	38.6%
Infection	1.4	-77.4%	1.0	-89.1%
Other	82.6	-32.2%	126.0	-23.2%
Females				
Total	115.1	-17.8%	264.8	-24.5%
Cancer	49.3	1.6%	132.8	-14.3%
Heart	13.7	-44.1%	44.8	-49.7%
Accidents	6.2	-58.7%	10.6	-33.8%
Violence	6.5	18.2%	6.9	86.5%
Infection	1.8	-41.9%	1.9	-65.5%
Other	37.6	-13.4%	67.8	-17.0%

Appendix C-International Mortality Comparisons by Age: Tables and Figures I 113

Table C-3 b--Age- and Cause-Specific Mortality Rates of Selected Countries Compared with U.S. Rates, 1988 (Continued)

Cause of death	Age 0		Age 1-4		Age 5-14		Age 15-24		Age 25-34	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
United Kingdom										
Males										
Total	1019.2	-7.3%	44.7	-20.9%	24.8	-19.7%	80.3	-46.8%	94.2	-52.1%
Cancer	2.5	8.7%	4.6	21.1%	4.4	22.2%	6.9	16.9%	12.4	6.0%
Heart	9.7	-67.3%	1.2	-57.1%	0.9	-35.7%	3.1	-35.4%	10.0	-32.0%
Accidents	15.4	-41.9%	9.7	-58.0%	10.3	-34.4%	36.4	-51.50%	26.1	-56.5%
Violence	5.7	-36.0%	1.8	-43.7%	0.6	-66.7%	7.2	-72.8%	9.2	-66.9%
Infection	12.9	-28.7%	3.7	85.0%	0.7	16.7%	0.8	-20.0%	1.1	-66.7%
Other	973.0	-4.0%	23.7	9.7%	7.9	1.3%	25.9	-31.3%	35.4	-55.3%
Females										
Total	767.9	-13.4%	38.1	-15.3%	15.1	-26.0%	30.9	-40.7%	46.0	-37.87%
Cancer	3.9	69.6%	4.8	29.7%	3.5	29.6%	5.2	23.8%	15.0	23.0%
Heart	8.3	-66.8%	1.5	-48.3%	0.7	-36.4%	2.4	-20.0%	5.0	-35.9%
Accidents	13.3	-37.6%	7.6	-52.2%	3.7	-56.0%	7.7	-67.0%	6.1	-63.3%
Violence	3.1	-66.7%	1.5	-44.4%	0.6	-50.0%	2.7	-59.1%	2.8	-66.3%
Infection	11.4	-26.50%	2.9	61.1%	0.5	-16.7%	0.8	-11.1%	0.9	-47.1% ^a
Other	727.9	-10.5%	19.8	10.0%	6.1	-4.7%	12.1	-14.2%	16.2	-40.9%
United Kingdom										
Cause of death	Age 35-44		Age 45-54		Age 55-64		Age 65-74		Age 75+	
	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate	Death rate	% different from U.S. rate
Males										
Total	174.4	-42.1%	511.9	-18.6%	1595.2	-0.7%	4123.9	15.4%	11121.2	9.9%
Cancer	38.6	-2.8%	154.0	-7.4%	538.5	2.2%	1282.7	20.5%	2455.5	23.7%
Heart	50.3	-19.5%	235.4	2.7%	781.7	15.6%	2046.1	25.3%	5363.9	2.5%
Accidents	23.1	-54.7%	24.0	-48.9%	26.3	-48.6%	37.5	-45.3%	118.0	-36.9%
Violence	8.6	-57.2%	8.4	-36.4%	7.5	-21.9%	7.2	-2.7%	10.7	23.0%
Infection	2.2	-64.5%	2.7	-70.7%	7.0	-63.0%	16.2	-63.0%	39.1	-71.3%
Other	51.6	-57.7%	87.4	-46.7%	234.2	-27.8%	724.2	-3.3%	3134.0	22.0%
Females										
Total	117.7	-15.9%	315.4	-10.1%	921.1	1.8%	2320.0	12.8%	8440.6	10.6%
Cancer	61.4	26.6%	174.1	12.4%	426.6	13.3%	761.5	15.5%	1315.5	23.6%
Heart	17.3	-29.4%	69.5	-22.0%	305.3	3.1%	1064.2	22.1%	4541.7	1.3%
Accidents	6.4	-57.3%	7.6	-52.5%	13.0	-37.2%	26.0	-26.6%	127.7	5.2%
Violence	3.8	-30.9%	4.4	18.9%	4.3	38.7%	4.9	32.4%	5.6	27.3%
Infection	0.8	-74.2%	1.7	-69.1%	4.8	-63.1%	8.7	-70.3%	26.3	-78.1%
Other	28.0	-35.5%	58.1	-28.9%	167.1	-14.4%	454.7	-0.5%	2423.8	31.7%

^aBased on data from the former Federal Republic of Germany.

SOURCES: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991 and 1992).

Table C-4—Trends in Age-Specific Death Rates (per 100,000) for Cancer, by Sex, Age 45 to 74, United States and Selected Countries, 1950-54 to 1980-84

	Males					Females							
	1950-54	1955-59	1960-64	1970-74	1975-79	1980-84	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
	Age-Specific Death Rates per 100,000 (age 45-54)												
United States	159.7	165.5	172.6	179.4	183.6	190.0	183.4	183.2	181.0	180.0	178.9	175.5	167.5
Australia	123.4	131.6	138.9	148.0	160.3	163.1	166.1	147.2	147.2	155.7	157.6	153.2	148.2
Canada	141.9	139.4	140.2	151.1	159.1	166.2	162.2	174.7	175.8	174.8	171.3	163.3	155.9
France	180.7	175.9	192.3	195.7	217.7	261.1	271.5	150.8	151.5	145.9	141.1	136.6	130.4
Germany ^a	164.4	166.2	166.4	163.0	156.1	168.7	176.6	178.5	187.3	184.3	177.0	167.7	149.0
Italy	161.5	169.7	177.5	186.6	199.2	223.1	223.3	145.1	155.4	155.6	151.2	145.9	140.2
Japan	165.0	171.3	171.7	163.1	147.4	151.7	161.2	176.5	158.9	146.2	130.7	121.1	110.9
Netherlands	158.0	167.0	179.0	172.5	172.0	171.2	166.9	177.0	173.0	174.6	177.3	162.8	154.9
New Zealand	134.3	142.3	146.5	156.7	167.1	178.6	165.9	187.4	169.9	186.2	189.0	200.3	194.4
Norway	128.2	122.1	113.3	122.2	130.2	130.6	126.7	161.9	146.0	147.5	150.8	154.3	139.9
Spain	120.1	132.1	147.9	140.3	150.6	161.2	173.4	114.2	133.8	126.8	126.1	123.3	115.3
Sweden	114.2	106.9	113.4	112.2	119.4	122.6	116.4	162.2	164.2	154.8	157.4	148.3	143.0
United Kingdom	210.1	206.1	203.6	194.4	189.0	185.7	166.3	186.0	192.0	196.3	203.1	202.9	188.3
	Age-Specific Death Rates per 100,000 (age 55-64)												
United States	425.7	448.5	464.9	494.7	514.5	513.9	523.0	359.0	334.3	338.5	350.9	356.2	366.9
Australia	358.5	383.1	412.1	429.9	470.3	470.1	484.1	297.8	285.0	294.0	317.9	314.6	318.9
Canada	384.3	412.1	427.5	443.2	468.8	482.5	506.8	356.9	341.0	338.2	349.7	343.9	350.5
France	474.2	512.7	571.3	583.9	611.9	608.9	632.9	313.4	299.6	296.3	298.4	281.6	272.0
Germany ^a	475.0	499.4	532.9	536.3	532.7	515.5	496.6	372.3	362.5	362.9	364.1	354.5	335.5
Italy	396.0	449.0	505.4	536.5	558.8	587.5	623.0	294.1	303.4	304.1	308.0	305.6	298.7
Japan	440.1	466.8	481.0	476.7	455.3	440.1	429.4	321.2	312.1	300.0	279.1	255.1	235.6
Netherlands	422.2	466.1	519.7	565.1	596.3	564.5	558.8	370.8	332.6	337.0	327.6	330.4	325.3
New Zealand	390.6	413.3	421.1	445.6	491.8	500.0	514.4	348.3	347.3	335.7	355.2	379.6	383.8
Norway	344.2	369.6	371.6	351.3	374.2	398.3	405.5	331.0	306.7	303.2	291.6	314.5	321.0
Spain	298.3	345.2	401.7	413.7	425.1	455.3	468.3	215.4	266.1	254.3	259.2	249.3	233.5
Sweden	336.3	341.4	345.7	338.8	357.8	367.1	363.4	342.1	324.1	310.0	321.5	326.8	321.6
United Kingdom	552.1	591.6	607.2	611.1	604.6	575.7	557.6	364.9	358.1	371.6	392.5	404.6	419.2

**Table C-4--Trends in Age-Specific Death Rates (per 100,000) for Cancer, by Sex, Age 45 to 74,
United States and Selected Countries, 1950-54 to 1980-84 (Continued)**

	Males					Females							
	1950-54	1955-59	1960-64	1970-74	1975-79	1980-84	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
	Age-Specific Death Rates per 100,000 (age 65-74)												
United States	809.4	863.2	925.3	1,002.8	1,031.5	1,066.6	1,092.7	596.3	573.4	562.8	573.5	566.8	620.8
Australia	804.9	843.8	901.9	977.9	1,068.7	1,064.7	1,090.8	560.2	541.3	519.1	515.7	548.7	563.0
Canada	808.6	860.3	924.3	979.5	1,040.4	1,065.6	1,109.6	628.0	611.6	603.1	587.0	586.8	624.0
France	939.9	1,006.8	1,109.9	1,200.5	1,217.1	1,245.3	1,280.2	608.4	595.5	579.9	564.0	535.2	520.7
Germany ^a	1,015.1	1,072.5	1,166.6	1,250.1	1,272.7	1,275.6	1,247.0	773.6	740.0	725.7	724.6	689.9	664.2
Italy	730.1	815.9	933.5	1,078.0	1,157.0	1,140.8	1,238.2	537.1	555.0	563.6	581.3	566.3	567.7
Japan	787.3	897.7	960.2	1,002.8	1,016.7	1,002.6	1,017.5	501.6	545.7	556.4	559.0	540.0	488.7
Netherlands	912.2	928.4	1,064.6	1,211.3	1,291.3	1,412.7	1,430.0	735.6	681.8	655.9	655.3	622.9	587.9
New Zealand	874.0	922.4	922.3	963.7	1,084.6	1,131.9	1,128.5	594.2	591.0	583.0	573.8	618.1	684.2
Norway	810.6	787.2	802.1	854.1	871.7	930.7	930.7	622.4	576.2	548.8	575.3	538.4	554.7
Spain	604.1	709.9	839.8	842.3	922.4	984.3	988.9	405.4	449.4	491.9	477.4	485.0	442.2
Sweden	783.7	804.8	881.2	860.6	935.2	962.4	880.4	638.7	620.7	614.7	590.5	617.4	586.2
United Kingdom	1,057.4	1,130.2	1,205.8	1,291.1	1,328.2	1,326.6	1,314.8	652.1	629.9	617.7	632.4	647.7	711.9

^aBased on data from the Federal Republic of Germany.

SOURCE: World Health Organization, *World Health Statistics Annual: 1988* (Geneva, Switzerland: World Health Organization, 1988).

Table C-5—Trends in Age-Standardized Death Rates^a (per 100,000) for Selected Cancer Sites, United States and Selected Countries, 1950-54 to 1980-84

	Male					Female								
	1950-54	1955-59	1960-64	1970-74	1975-79	1980-84	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84	
Age-Standardized Death Rates (per 100,000)														
Trachea, bronchus, and lung cancers^b														
United States	29.3	39.1	48.9	60.4	71.1	78.3	83.3	5.7	6.2	7.4	10.5	15.1	20.4	26.9
Australia	23.7	33.3	45.1	57.1	66.5	70.1	72.5	4.5	4.7	5.6	7.0	9.7	12.2	15.1
Canada	23.8	32.3	41.1	51.9	64.1	73.3	81.6	4.8	5.3	6.0	8.0	11.0	15.6	21.5
France	18.2	26.5	34.5	42.0	47.7	57.1	62.9	4.5	4.9	5.2	5.4	5.1	5.3	5.9
Germany ^c	33.4	43.1	54.9	62.5	67.0	72.2	73.5	5.6	6.0	7.0	7.2	7.1	7.9	9.2
Japan	5.0	10.8	16.2	21.1	26.1	32.7	39.9	1.9	3.9	5.8	7.2	8.0	9.5	11.2
Italy	16.0	24.2	34.0	46.5	57.7	68.7	80.7	3.9	4.8	5.8	6.6	7.1	8.2	9.3
Netherlands	37.8	50.3	67.6	84.6	99.8	111.9	116.9	4.7	4.5	5.1	5.2	5.9	7.3	10.1
New Zealand	29.2	40.6	48.3	59.6	67.2	74.2	75.2	4.2	5.4	7.1	8.1	13.9	16.7	19.9
Norway	10.9	13.7	18.5	23.3	28.2	34.9	40.8	3.7	3.7	3.9	4.4	5.6	6.9	9.5
Norway	13.0	19.1	25.5	29.6	35.5	45.6	53.6	3.4	4.5	5.2	5.6	5.9	5.8	5.5
Spain	13.4	17.5	22.4	26.3	32.8	38.0	36.5	5.4	5.6	5.6	6.5	7.9	9.3	11.3
Sweden	13.4	17.5	22.4	26.3	32.8	38.0	36.5	5.4	5.6	5.6	6.5	7.9	9.3	11.3
United Kingdom	61.5	80.2	94.0	104.4	109.4	109.4	103.6	8.9	10.2	12.5	15.9	19.4	23.2	27.0
Stomach cancer^d														
United States	26.1	21.4	17.7	14.2	11.9	10.1	9.0	14.0	11.0	8.9	7.2	5.7	4.8	4.2
Australia	37.9	32.9	27.3	24.1	22.0	18.0	15.7	21.6	17.5	14.5	12.7	11.0	8.9	7.0
Canada	38.7	34.5	29.6	25.1	21.8	18.2	15.0	20.7	17.4	14.3	11.7	10.2	7.9	6.7
France	43.3	41.0	37.4	31.7	25.9	22.0	18.2	24.0	22.2	19.1	15.7	12.3	10.0	8.0
Germany ^c	69.1	65.4	60.3	54.3	45.7	38.2	30.6	45.0	40.8	35.6	30.5	24.8	20.3	16.2
Italy	53.8	52.4	52.0	49.4	44.4	36.8	33.9	32.5	30.0	28.2	25.9	22.3	18.4	16.4
Japan	95.5	101.4	100.9	98.6	89.7	78.4	68.5	51.2	53.3	52.5	50.5	46.0	39.0	32.3
Netherlands	61.8	53.0	47.6	41.9	35.8	31.1	26.0	40.4	32.6	26.2	22.8	17.8	14.0	11.0
New Zealand	37.7	32.0	28.3	25.3	22.9	20.7	18.0	21.2	18.4	14.2	12.2	10.4	9.3	8.5
Norway	65.7	52.1	43.0	39.3	30.7	25.6	21.8	39.4	31.6	25.3	21.3	16.2	13.0	11.4
Spain	39.0	42.7	46.9	44.7	40.1	34.7	26.7	24.3	25.8	28.0	25.3	22.3	18.2	13.3
Sweden	49.2	45.3	39.2	31.5	27.3	23.6	18.4	33.0	27.9	21.3	17.0	14.6	12.1	9.4
United Kingdom	43.3	41.1	38.0	34.8	31.6	28.5	24.7	25.9	23.1	20.2	17.5	15.3	13.3	10.9

Table C-5-Trends in Age-Standardized Death Rates^a (per 100,000) for Selected Cancer Sites, United States and Selected Countries, 1950-54 to 1980-84 (Continued)

	ma						
	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age-Standardized Death Rates (per 100,000)							
Breast cancer^e							
United States	30.4	30.5	30.5	31.4	31.6	31.0	31.4
Australia	29.3	28.2	27.8	27.8	29.0	28.0	28.5
Canada	32.3	32.3	33.6	33.9	33.9	33.1	33.0
France	19.5	22.1	23.0	24.8	25.3	26.2	27.2
Germany ^c	22.1	22.9	24.4	26.6	28.3	29.5	30.8
Italy	18.6	19.9	21.4	23.6	25.7	26.2	28.2
Japan	5.4	5.3	5.2	5.5	6.3	7.0	7.6
Netherlands	33.4	33.7	35.4	38.5	39.0	37.4	37.6
New Zealand	32.6	31.2	32.0	33.5	35.4	35.0	36.5
Norway	24.9	24.7	24.3	26.0	25.2	26.6	25.3
Spain	8.0	9.0	12.7	13.5	15.6	18.3	19.9
Sweden	25.6	26.7	28.3	26.4	28.6	27.4	26.6
United Kingdom	33.2	33.3	34.3	35.4	37.8	39.2	40.3

^aThe European standard population was used to age-standardize rates.

^bTrachea, bronchus, and lung cancers include International Classification of Diseases (ICD-9) basic tabulation code 101.

^cBased on data from the former Federal Republic of Germany.

^dStomach cancer includes ICD-9 basic tabulation code 091.

^eBreast cancer includes ICD-9 basic tabulation code 113.

SOURCE: World Health Organization, *World Health Statistics Annual: 1988* (Geneva, Switzerland: World Health Organization, 1988).

Table C-6—Trends in Age-Standardized Death Rates^a (per 100,000) for Cerebrovascular and Ischemic Heart Disease, United States and Selected Countries, 1950-54 to 1980-84

	Male										Female										
	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84	1950-54	1955-59	1960-64	1965-69	1970-74	1975-79	1980-84
Age-Standardized Death Rates (per 100,000)																					
Cerebrovascular disease^b																					
United States	151.6	150.4	143.9	134.6	123.7	93.0	70.8	141.9	137.1	128.8	118.9	104.9	78.6	61.6	141.9	137.1	128.8	118.9	104.9	78.6	61.6
Australia	156.8	164.9	159.8	169.2	172.5	136.9	108.8	177.6	171.0	160.3	160.6	163.1	128.0	99.3	177.6	171.0	160.3	160.6	163.1	128.0	99.3
Canada	139.2	141.3	125.6	116.9	109.9	93.8	72.9	148.5	142.2	124.0	105.9	91.4	76.6	61.4	148.5	142.2	124.0	105.9	91.4	76.6	61.4
France	171.1	167.5	159.8	158.6	154.5	129.9	105.4	131.8	125.3	115.9	110.1	107.1	91.3	75.7	131.8	125.3	115.9	110.1	107.1	91.3	75.7
Germany ^c	197.6	211.8	205.4	199.9	181.6	158.2	137.8	193.4	199.1	180.6	168.2	149.2	127.6	109.8	193.4	199.1	180.6	168.2	149.2	127.6	109.8
Italy	196.7	195.3	180.9	175.6	161.1	149.3	135.7	160.9	156.7	141.1	135.6	124.1	116.2	105.4	160.9	156.7	141.1	135.6	124.1	116.2	105.4
Japan	300.1	341.3	371.6	366.4	325.1	253.4	185.1	237.1	247.8	256.8	247.3	220.9	178.6	132.3	237.1	247.8	256.8	247.3	220.9	178.6	132.3
Netherlands	128.9	137.5	124.2	121.8	111.9	100.2	87.5	146.1	146.4	126.1	114.2	101.6	84.4	71.5	146.1	146.4	126.1	114.2	101.6	84.4	71.5
New Zealand	132.8	134.6	139.5	146.7	156.1	132.1	112.3	161.0	156.9	150.4	150.8	127.3	105.6	86.9	161.0	156.9	150.4	150.8	127.3	105.6	86.9
Norway	139.1	149.6	154.7	155.8	147.2	120.9	105.3	145.5	154.9	154.7	139.8	127.3	105.6	86.9	145.5	154.9	154.7	139.8	127.3	105.6	86.9
Spain	150.2	159.9	165.8	163.4	166.0	168.5	136.3	123.6	139.0	145.6	145.1	145.5	144.8	117.2	123.6	139.0	145.6	145.1	145.5	144.8	117.2
Sweden	147.2	143.6	128.3	108.3	97.2	92.2	82.3	158.6	151.6	124.6	102.9	87.9	81.0	70.3	158.6	151.6	124.6	102.9	87.9	81.0	70.3
United Kingdom	177.3	180.8	176.8	171.6	159.5	137.3	116.3	166.1	165.5	157.7	149.4	140.2	122.4	103.8	166.1	165.5	157.7	149.4	140.2	122.4	103.8
Ischemic heart disease^d																					
United States	483.7	502.7	520.7	522.5	496.1	411.5	324.7	277.8	281.7	282.8	283.2	263.1	209.6	165.8	277.8	281.7	282.8	283.2	263.1	209.6	165.8
Australia	458.4	459.3	496.3	514.6	482.6	406.5	340.4	261.3	247.4	257.8	256.2	236.9	197.5	165.1	261.3	247.4	257.8	256.2	236.9	197.5	165.1
Canada	428.6	453.6	464.6	457.4	423.8	381.3	316.1	256.5	256.9	255.9	240.7	210.7	183.5	153.9	256.5	256.9	255.9	240.7	210.7	183.5	153.9
France	66.5	91.6	113.9	111.3	112.7	117.1	111.2	33.3	46.8	56.0	50.3	49.0	49.7	47.7	33.3	46.8	56.0	50.3	49.0	49.7	47.7
Germany ^c	222.7	258.4	278.7	272.5	259.0	276.9	257.8	170.7	171.9	162.5	137.6	118.3	127.2	110.3	170.7	171.9	162.5	137.6	118.3	127.2	110.3
Italy	240.3	264.7	279.9	247.8	197.7	206.9	171.7	218.4	215.6	205.6	162.6	114.3	112.7	84.2	218.4	215.6	205.6	162.6	114.3	112.7	84.2
Japan	86.8	100.4	115.5	105.9	78.4	72.2	65.4	72.3	75.5	81.2	69.4	46.2	43.4	38.5	72.3	75.5	81.2	69.4	46.2	43.4	38.5
Netherlands	245.6	268.7	291.7	297.3	290.8	282.9	251.6	195.5	188.4	176.5	153.9	132.6	121.9	105.3	195.5	188.4	176.5	153.9	132.6	121.9	105.3
New Zealand	432.4	411.4	451.5	470.0	446.6	419.7	374.9	264.9	226.8	232.9	227.7	209.2	194.7	179.3	264.9	226.8	232.9	227.7	209.2	194.7	179.3
Norway	185.6	244.2	312.2	334.7	336.8	316.2	305.4	122.7	148.2	175.8	169.6	150.8	132.4	124.3	122.7	148.2	175.8	169.6	150.8	132.4	124.3
Spain	117.1	119.2	110.7	96.5	103.0	126.0	114.5	93.2	92.6	78.5	58.1	48.8	60.5	50.9	93.2	92.6	78.5	58.1	48.8	60.5	50.9
Sweden	283.4	317.0	359.3	369.9	402.6	404.4	377.9	214.4	218.0	230.5	217.9	218.1	201.1	174.6	214.4	218.0	230.5	217.9	218.1	201.1	174.6
United Kingdom	441.1	426.0	433.6	415.2	401.2	401.2	371.5	283.5	252.6	236.3	202.1	180.4	178.8	164.5	283.5	252.6	236.3	202.1	180.4	178.8	164.5

^aThe European standard population was used to age-adjust rate.

^bCerebrovascular disease includes International Classification of Diseases (ICD-9) basic tabulation list code 29 (ICD-9 codes 430-438).

^cBased on data from the former Federal Republic of Germany.

^dIschemic heart disease includes ICD-9 basic tabulation list code 27 (ICD-9 codes 410-414).

SOURCE: World Health Organization, *World Health Statistics Annual: 1988* (Geneva, Switzerland: World Health Organization, 1988).

Table C-7--Comparison of U.S. and Canadian Death Rates (per 100,000) for the Five Leading U.S. Causes of Death, Males, Age 15 to 24,1989

U.S. cause of death rank	Cause (ICD-9 Codes)	United States					Canada	
		Number	Percent	Rate (per 100,000)	Number	Percent		
	All causes	27,165	100.0%	142.4	2348	100.0%	117.5	21.1%
1	Accidents and adverse effects (E800-E949)	12,647	46.6	66.3	1,240	52.8	621	6.8
	Motor vehicle accidents (E810-E825)	9,429	34.7	49.4	904	38.5	45.3	9.1
	All other accidents and adverse effects (E800-E807, E826-E949)	3,218	11.8	16.8	336	14.3	18.8	0.6
2	Homicide and legal intervention (E960-E978)	5,112	18.8	26.8	82	3.5	4.1	552.8
3	Suicide (E950-E959)	4,106	15.1	2-15	528	22.5	26.4	-18.6
4	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	1,074	4.0	5.6	131	5.6	6.6	-142
5	Diseases of heart (390-398, 402, 404-429)	590	2.2	3.1	44	1.9	2.2	40.4
	All other causes	3,636	13.4	19.1	323	13.8	162	17.9

KEY: ICD = International Classification of Diseases-9 code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the Canadian rate, divided by the Canadian rate.

SOURCES: Statistics Canada, *Health Reports* 3(1) (suppl.) (Ottawa, Ontario: Statistics Canada, 1991); U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991*, Pub. No. P25-1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, unpublished tables, Hyattsville, MD, 1993.

Table C-8--Comparison of U.S. and Canadian Death Rates (per 100,000) for the Five Leading U.S. Causes of Death, Females, Age 15 to 24, 1987

U.S. cause of death rank	Cause (ICD-9 Codes)	United States			Canada			
		Number	Percent	Rate (per 100,000)	Number	Percent		
1	A	9,323	100.0%	50.9	791	100.0%	41.2	23.6%
	A							
	(	4,081	43.9	22.3	379	47.9	19.7	13.2
	M	3,512	37.7	19.2	317	40.1	16.5	16.4
	A							
2	e	579	6.2	3.2	62	7.8	3.2	0.0
	t							
3	(	1,073	11.5	5.9	42	5.3	2.2	167.8
	M							
4	r							
	t	777	8.3	4.2	77	9.7	4.0	5.8
5	e	764	8.2	4.2	91	11.5	4.7	-12.0
	[
	^	348	3.7	1.9	20	2.5	1.0	82.4
	/	2270	24.3	12.4	182	23.0	9.5	30.8

KEY: ICD = International Classification of Diseases-9 code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the rate.

SOURCES: Statistics Canada, *Health Reports* 3(1) (suppl.) (Ottawa, Ontario: Statistics Canada, 1991); U.S. Department of Commerce, Bureau of Economic Analysis, *U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991*, Pub. No. P25-1095 (Washington, DC: U.S. Department of Commerce, Bureau of Economic Analysis, 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, *Health Statistics* 1993.

Table C9--Comparison of U.S. and Canadian Death Rates (per 100,000) for 10 Leading U.S. Causes of Death, Males, Age 25 to 44,1989

Us. cause of death rank	Cause (ICD-9 Codes)	United States		Canada		Us. and Canada rate difference ^a (percent)
		Number	Percent Rate (per 100,000)	Number	Percent Rate (per 100,000)	
	All causes	99,482	100.0% ⁰ 251.2	7040	100.0% 161.7	55.4%
1	Accidents and adverse effects (E800-E949)	21,889	22.0 55.3	2024	28.8 46.5	18.9
	Motor vehicle accidents (E810-E825)	12,169	12.2 30.7	1108	15.7 25.4	20.9
	All other accidents and adverse effects (E800-E807,E826-E949)	9,720	9.8 24.5	916	13.0 21.0	16.7
2	Human immunodeficiency virus infection (042444)	14,646	14.7 37.0	584	8.3 13.4	175.7
3	Diseases of heart (390-398, 402, 404-429)	11,204	11.3 28.3	773	11.0 17.8	59.4
4	Malignant neoplasms, Including neoplasm of lymphatic and hematopoietic tissues_ (140-208)	9,522	9.6 24.0	959	13.6 22.0	9.2
5	Suicide (E950-E959)	9,442	9.5 23.8	1181	16.8 27.1	-12.1
6	Homicide and legal intervention (E960-E978)	8,797	8.8 22.2	160	2.3 3.7	504.5
7	Chronic liver disease and cirrhosis (571)	3,388	3.4 8.6	138	2.0 3.2	169.9
8	Cerebrovascular diseases (430-438)	1,730	1.7 4.4	130	1.8 3.0	46.3
9	Pneumonia and influenza (480-487)	1,454	1.5 3.7	54	0.8 1.2	196.0
10	Diabetes mellitus (250)	1,302	1.3 3.3	48	0.7 1.1	198.2
	All other causes	16,108	16.2 40.7	989	14.0 22.7	79.1

KEY: ICD = International Classification of Diseases-9 code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the Canadian rate, divided by the Canadian rate.

SOURCES: Statistics Canada health Reports 3(1) (suppl.) (Ottawa, Ontario: Statistics Canada 1991); U.S. Department of Commerce, Bureau of the Census, Current Population Reports, U.S. Population estimates *by Age, Sex, Race, and Hispanic Origin: 1980 to 1991*, Pub. No. F'XP1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human services, Centers for Disease Control and Prevention, National Center for Health Statistics, unpublished tables, Hyattsville, MD, 1993.

Table C-10--Comparison of U.S. and Canadian Death Rates (per 100,000) for the 10 Leading U.S. Causes of Death, Females, Age 25 to 44, 1989

U.S. Cause of death	Cause (ICD-9 codes)	United States		Canada		us. and Canada rate Canada ^a (percent)		
		Number	Percent Rate (per 100,000)	Number	Percent (per 100,000)			
	All Causes	41,9611	100.0%	104.8	3,411	100.0%	77.7	34.9%
1	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	11,534	27.5	28.8	1,250	36.6	28.5	1.1
2	Accidents and adverse effects (E800-949)	6540	15.6	16.3	603	17.7	13.7	18.9
	Motor vehicle accidents (E 8 1 0 + E 8 2 5)	4,402	10.5	10.9	392	11.5	8.9	22.5
	All other accidents and adverse effects (E800-E807, E826-E949)	2,138	5.1	5.3	211	6.2	4a	10.4
3	Diseases of heart (390-398, 402, 404-429)	4,040	9.6	10.1	214	6.3	4.9	106.9
4	Suicide (E950-E959)	2,454	5.8	6.1	354	10.4	8.1	-24.0
5	Homicide and legal intervention (E960-E978)	2,357	5.6	5.9	80	2.3	1.8	223.0
6	Human immunodeficiency virus infection (042444)	1,676	4.0	4.2	28	0.8	0.6	556.2
7	Cerebrovascular diseases (430-438)	1,537	3.7	3.8	139	4.1	3.2	21.2
8	Chronic liver disease and cirrhosis (571)	1,196	2.9	3.0	48	1.4	1.1	173.1
9	Pneumonia and influenza (480-487)	842	2.0	2.1	44	1.3	1.0	109.8
10	Diabetes mellitus (250)	817	1.9	2.0	43	1.3	1.0	108.3
	All other causes	8,968	21.4	22.4	608	17.8	13.8	61.7

Key: ICD = International Classification of Diseases-9 code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the Canadian rate, divided by the Canadian rate.

SOURCES: Statistics Canada, *Health Reports 3(1) (suppl.)* (Ottawa, Ontario: Statistics Canada, 1991); U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991*, Pub. No. P25-1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, unpublished tables, Hyattsville, MD, 1993.

Table C-11—Comparison of U.S. and Canadian Death Rates (per 100,000) for the 10 Leading U.S. Causes of Death, Males, Age 45 to 64, 1989

U.S. cause of death rank	ICD-9 Codes ^a	United States		Canada		U.S. and Canada rate difference ^a (percent)
		Number	Rate (per 100,000)	Number	Rate (per 100,000)	
1	All causes	234,432	100.0%	22,064	100.0%	21.5%
	Diseases of heart (390-398, 402, 404-429)	79,286	33.8	6,917	31.3	31.1
2	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	73,298	31.3	8,099	36.7	3.5
3	Accidents and adverse effects (E800-E949)	10,806	4.6	1,119	5.1	10.4
	Motor vehicle accidents (E810-E825)	4,938	2.1	443	2.0	17.6
	All other accidents and adverse effects (E800-E807, E826-E949)	5,868	2.5	676	3.1	-2.2
4	Cerebrovascular diseases (430-438)	8,130	3.5	749	3.4	24.1
5	Chronic liver disease and cirrhosis (571)	7,896	3.4	696	3.2	29.7
6	Chronic obstructive pulmonary disease and allied conditions (490-496)	7,138	3.0	478	2.2	70.8
7	Suicide (E950-E959)	5,221	2.2	634	2.9	-5.8
8	Diabetes Mellitus (250)	4,938	2.1	414	1.9	36.4
9	Human immunodeficiency virus infection (042-044)	4,137	1.8	179	0.8	164.3
10	Pneumonia and influenza (480-487)	3,551	1.5	259	1.2	56.8
	All other causes	25,201	10.8	2,520	11.4	36.3

KEY: ICD = International Classification of Diseases-9 code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the Canadian rate, divided by the Canadian rate.

SOURCES: Statistics Canada, *Health Reports* 3(1) (suppl.) (Ottawa, Ontario: Statistics Canada, 1991); U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991*, Pub. No. P25-1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, *National Center for Health Statistics, unpublished tables*, Hyattsville, MD, 1983.

Table C-12-Comparison of U.S. and Canadian Death Rates for the 10 Leading U.S. Causes of Death, Females, Age 45 to 64, 1989

U.S. cause of death rank	Cause (ICD-9 Codes)	United States		Canada		U.S. and Canada rate difference ^a (percent)		
		Number	Percent Rate (per 100,000)	Number	Percent Rate (per 100,000)			
1	All causes	143,892	100.0%	603.3	12,332	100.0%	478.8	26.0%
	Malignant neoplasms, including neoplasms of lymphatic and hematopoietic tissues (140-208)	61,951	43.1	259.8	6,325	51.3	245.6	5.8
2	Diseases of heart (390-398, 402, 404-429)	32,987	22.9	138.3	2,172	17.6	84.3	64.0
3	Cerebrovascular diseases (430-438)	6,994	4.9	29.3	600	4.9	23.3	25.9
4	Chronic obstructive pulmonary disease and allied Conditions (490-496)	5,893	4.1	24.7	341	2.8	13.2	86.6
5	Diabetes mellitus (250)	4,788	3.3	20.1	239	1.9	9.3	116.3
6	Accidents and adverse effects (E800-E949)	4,240	2.9	17.8	429	3.5	16.7	6.7
	Motor vehicle accidents (E810-E825)	2,349	1.6	9.7	231	1.9	9.0	7.8
	All other accidents and adverse effects (E800-E807, E826-E949)	1,891	1.3	7.8	198	1.6	7.7	1.3
7	Chronic liver disease and cirrhosis (571)	3,581	2.5	15.0	264	2.1	10.3	46.5
8	Pneumonia and influenza (480-487)	2,036	1.4	8.5	145	1.2	5.6	51.6
9	Suicide (E950-E959)	1,763	1.2	7.4	237	1.9	9.2	-19.7
10	Nephritis, nephrotic syndrome and nephrosis (580-589)	1,108	0.8	4.6	74	0.6	2.9	61.7
	All other causes	18,551	12.9	77.8	1,506	12.2	58.5	33.0

KEY: ICD. International Classification of Diseases code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the Canadian rate, divided by the Canadian rate.

SOURCES: Statistics Canada, *Health Report 3(1) (suppl.)* (Ottawa, Ontario: Statistics Canada 1991); U.S. Department of Commerce, Bureau of the Census, Current Population Reports, *U.S. Population Estimates age, sex, race, and Hispanic origin: 1980 to b 1991*, Pub. No. P25-1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, unpublished tables, Hyattsville, MD, 1993.

Table C13-Comparison of U.S. and Canadian Death Rates (per 100,000) for the 10 Leading U.S. Causes of Death, Males, Age 65 and Over, 1989

U.S. cause of death rank	Cause (ICD-9 Codes)	United States		United States		Canada		Us. and Canada (percent)
		Number	Percent Rate (per 100,000)	Number	Percent Rate (per 100,000)	Number	Percent Rate (per 100,000)	
	All causes	720,811	100.0%	5,844.6	70,261	100.0%	5,671.2	3.1%
1	Diseases of heart (390-398, 402, 404-429)	276,328	38.3	2,240.6	23,609	33.6	1,905.6	17.6
2	Malignant neoplasms, including neoplasm of Lymphatic and hematopoietic tissues (140-208)	178,430	24.8	1,446.8	19,055	27.1	1,538.1	-5.9
3	Cerebrovascular diseases (430-438)	47,202	6.5	382.7	5,224	7.4	421.7	-9.2
4	Chronic obstructive pulmonary disease and allied conditions (490-496)	40,304	5.6	326.8	4,496	6.4	362.9	-9.9
5	Pneumonia and influenza (480-487)	29,972	4.2	243.0	2,836	4.0	228.9	6.2
6	Accidents and adverse effects (E800-E949)	13,525	1.9	109.7	1,479	2.1	119.4	-8.1
	Motor vehicle accidents (E810-E825)	4,051		32.1	391	0.6	31.6	1.6
	All other accidents and adverse effects (E800-E807, E826-E949)	9,474		75.0	1,088	1.5	87.8	-14.6
7	Diabetes mellitus (250)	13,399	1.9	108.6	1,359	1.9	109.7	-1.0
8	Nephritis, nephrotic syndrome and nephrosis (580-589)	8,187	1.1	66.4	896	1.3	72.3	-8.2
9	Arteriosclerosis (440)	6,652	0.9	53.9	831	1.2	67.1	-19.6
10	Septicemia	6,281	0.9	50.9	209	0.3	16.9	201.9
	All other causes	100,531	13.9	815.1	10,267	14.6	828.7	-1.6

KEY: ICD. International Classification of Diseases-9 code.

aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canadas' rates. It is calculated as the U.S. rate minus the Canadian rate.

SOURCES: Statistics Canada Health Reports 3(1) (suppl.) (Ottawa, Ontario: Statistics Canada, 1991); U.S. Department of Commerce, Bureau of the Census, Current Population Reports, U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1980 to 1991, Pub. No. P25-1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, unpublished tables, Hyattsville, MD, 1993.

Table C-14-Comparison of U.S. and Canadian Death Rates (per 100,000) for the 10 Leading U.S. Causes of Death, Females, Age 65 and Over, 1989

U.S. cause of death rank	Cause (ICD-9 Codes)	United States			Canada			U.S. and Canada rate difference ^a (percent)
		Number	Percent	Rate (per 100,000)	Number	Percent	Rate (per 100,000)	
1	All causes	816,977	100.0%	4,452.4	68,545	100.0%	397.4	120%
	Diseases of heart (390-398, 402-404-429)	327,640	40.1	1,785.6	23,215	33.9	1,346.0	327
2	Malignant neoplasms and hematopoietic tissues (140-208)	157,776	19.3	859.9	15,591	22.7	804.0	-4.9
3	Cerebrovascular (430-438)	79,458	9.7	433.0	7,511	11.0	435.5	-0.6
4	Pneumonia and influenza (460-487)	37,423	4.6	204.0	3,211	4.7	186.2	9.5
5	Chronic obstructive pulmonary disease (490-496)	29,661	3.6	161.6	2,293	3.3	133.0	21.6
6	Diabetes mellitus (250)	21,399	2.6	116.6	1,767	2.6	102.5	13.8
7	Accidents and adverse effects (E800-E949)	13,307	1.6	72.5	1,537	2.2	89.1	-18.6
	Motor vehicle (E810-E825)	3,200	0.4	17.4	254	0.4	14.7	18.4
	All other accidents and adverse effects (E800-E807, E826-E949)	10,107	1.2	55.1	1,283	1.9	74.4	-25.9
8	Arteriosclerosis (440)	11,761	1.4	64.1	1,434	2.1	83.1	-22.9
9	Nephritis and nephrotic syndrome and nephrosis (580-589)	821	0.1	5.0	892	1.3	51.7	-1.8
10	Septicemia (038)	9,147	1.1	49.9	216	0.3	12.5	298.0
	All other causes	120,084	14.7	654.4	11,132	16.2	645.4	1.4

KEY: ICD = International Classification of Diseases-9 code.

^aThe rate difference represents how much greater or smaller the U.S. rate is relative to Canada's rates. It is calculated as the U.S. rate minus the Canadian rate, divided by the Canadian rate.

SOURCES: Statistics Canada, *Health Reports* 3(1) (suppl.) (Ottawa, Ontario: Statistics Canada, 1991); U.S. Department of Commerce, Bureau of the Census, *Current Population Reports, U.S. Population Estimates by Age, Sex, Race, and Hispanic Origin: 1990 to 1991*, Pub. No. P25-1095 (Washington, DC: U.S. Government Printing Office, February 1993); U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, unpublished tables, Hyattsville, MD, 1993.

Figure C-1—Age-Specific Death Rates (per 100,000), Males, United States and Selected Countries,^a1987-88^b

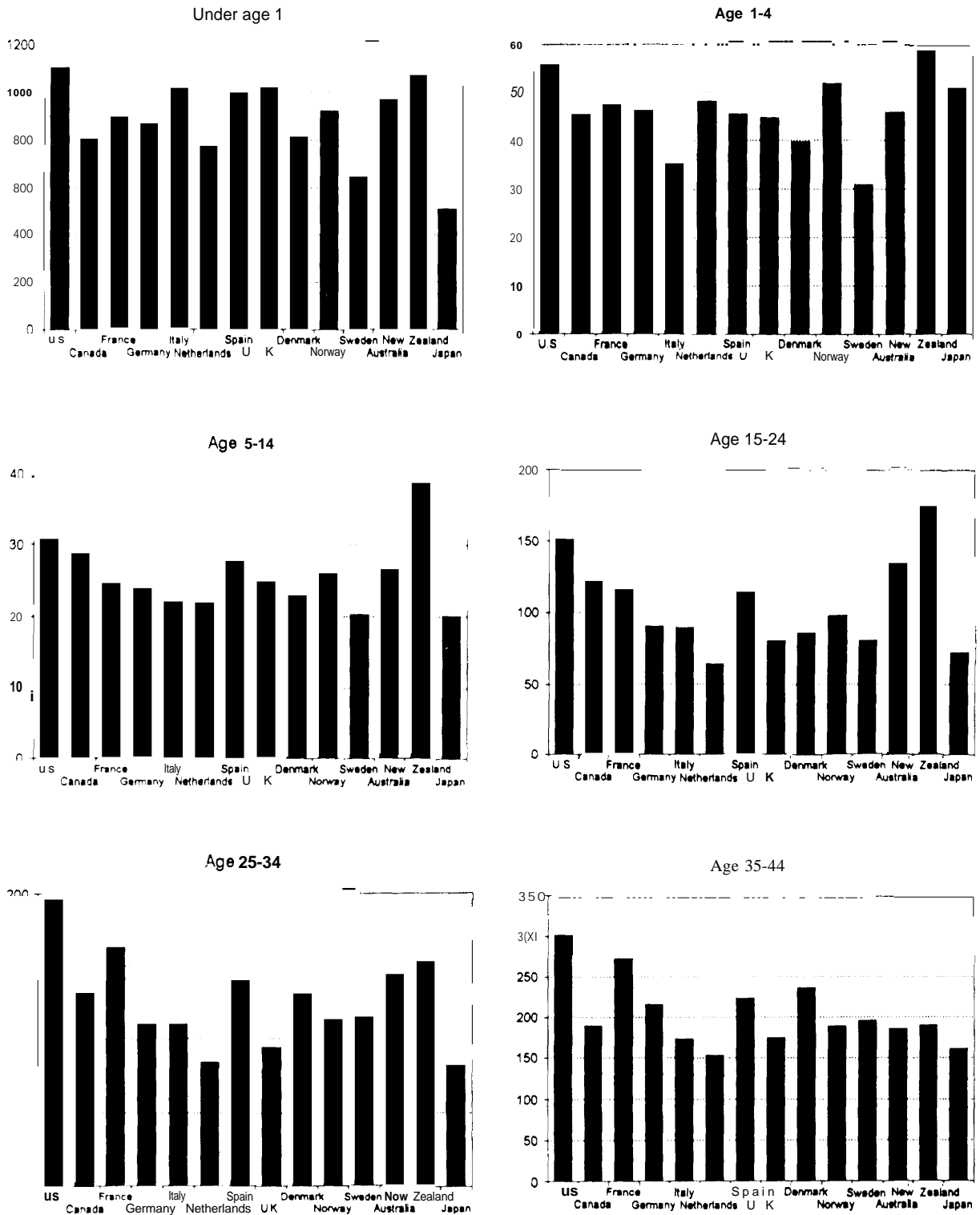
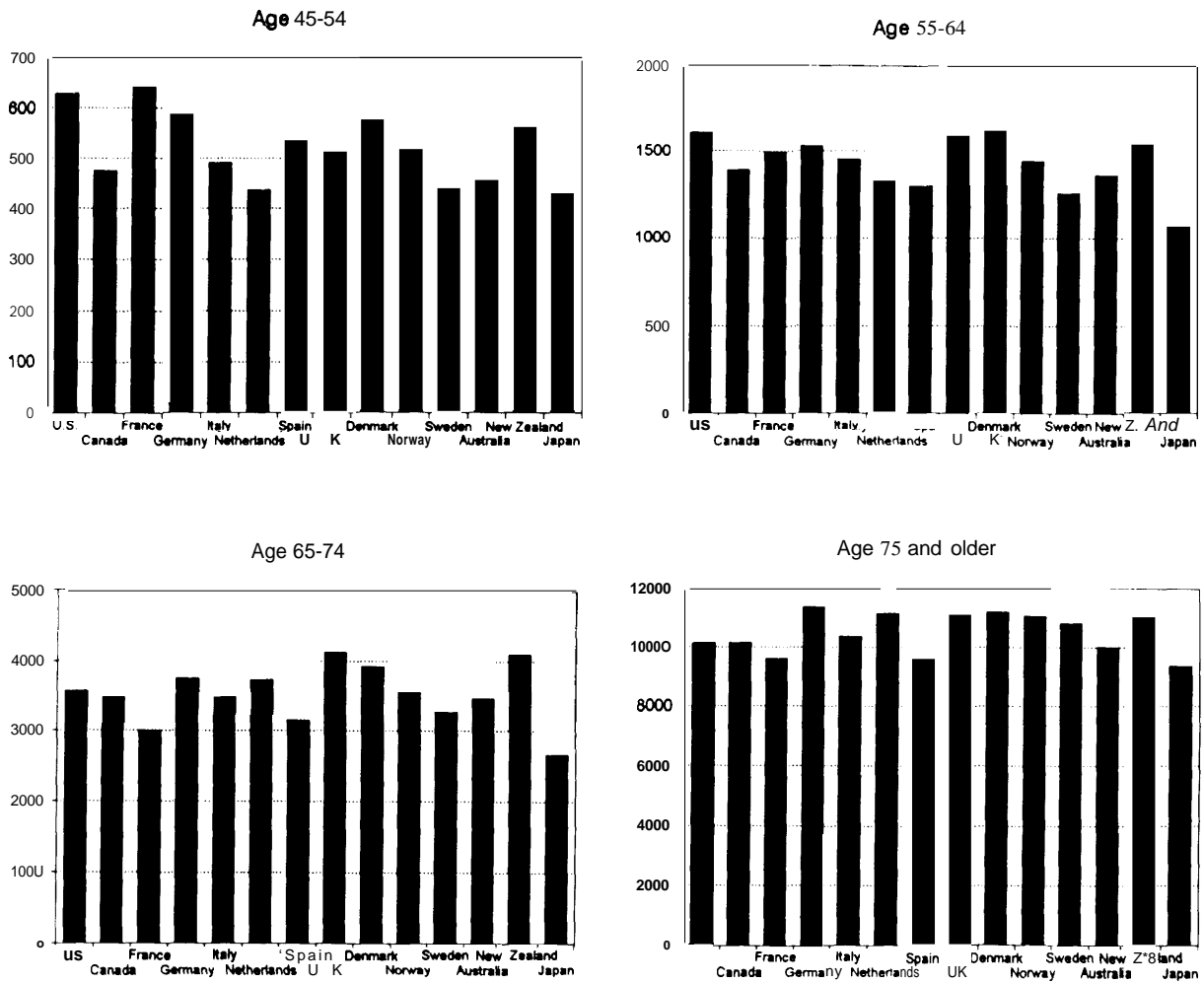


Figure C-1—Age-Specific Death Rates (per 100,000), Males, United States and Selected Countries,^a1987-88^b
(Continued)



^a Data for Germany from former Federal Republic Of Germany.

^b Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-2—Age-Specific Death Rates (per 100,000), Females, United States and Selected Countries,^a 1987-88^b

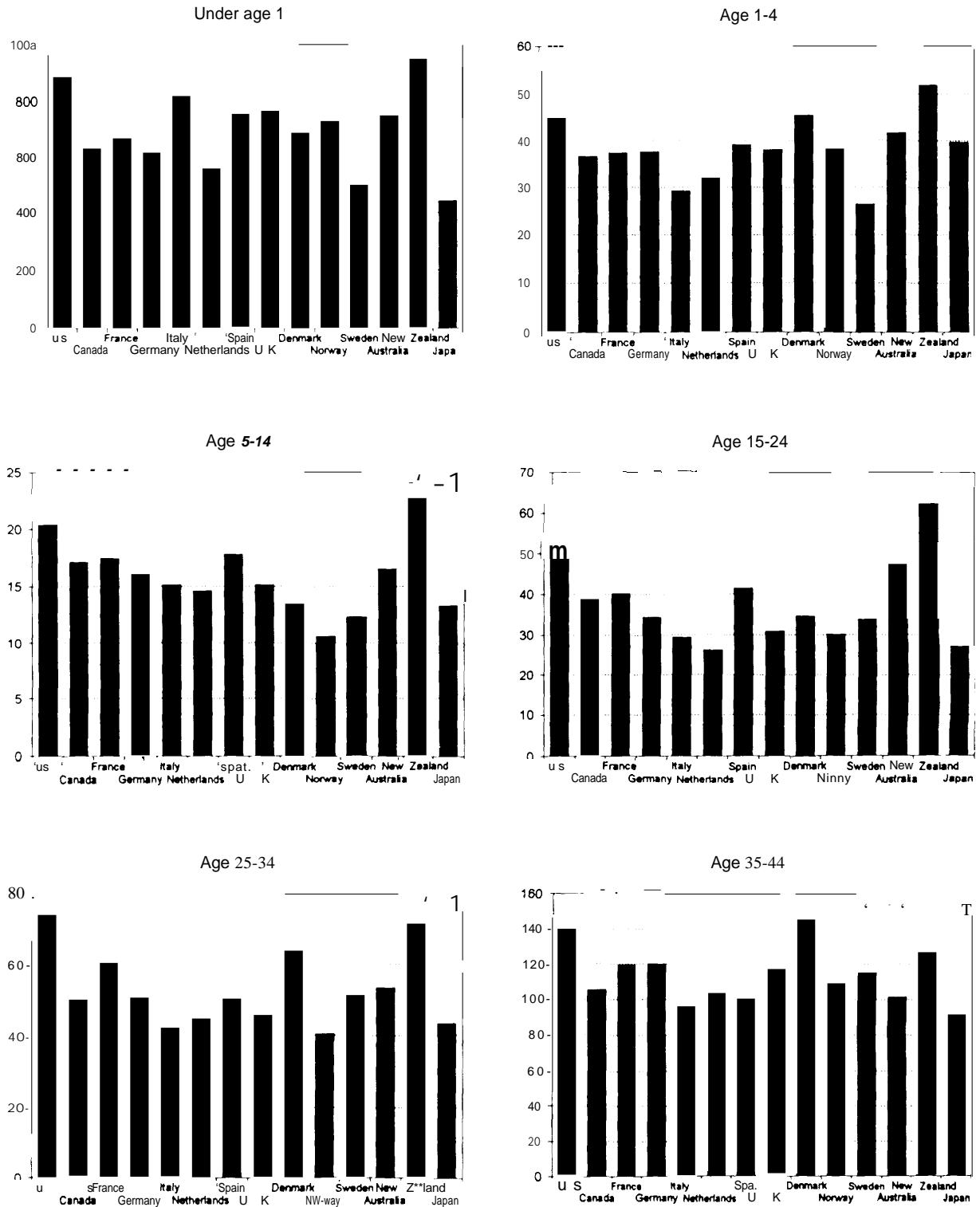
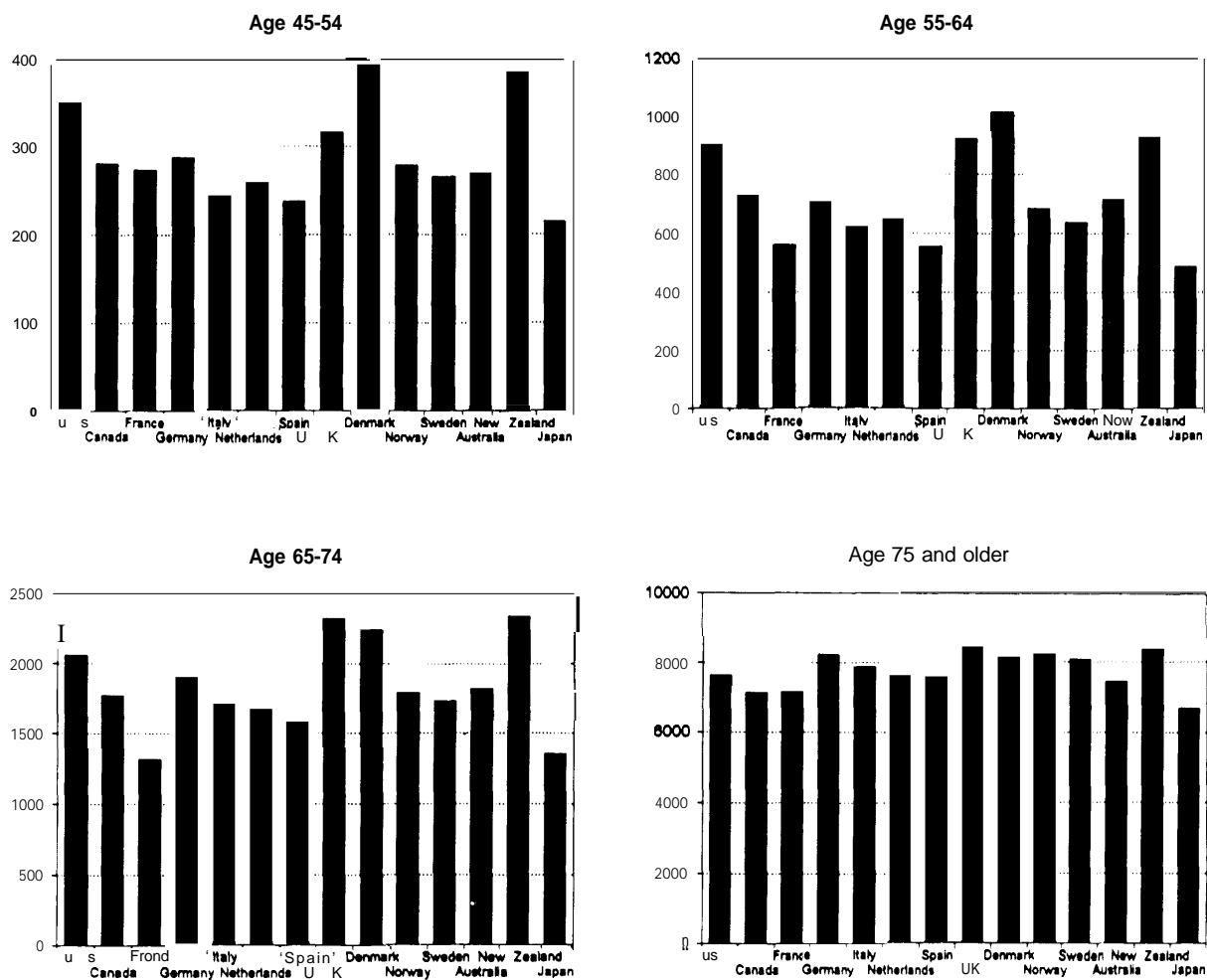


Figure C-2—Age-Specific Death Rates (per 100,000), Females, United States and Selected Countries,^a1987-88^b (Continued)



^a Data for Germany from former Federal Republic of Germany.

^b Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-3—Age-Specific Death Rates (per 100,000) for Accidents,^aMales, United States and selected Countries,^b1987-88^c

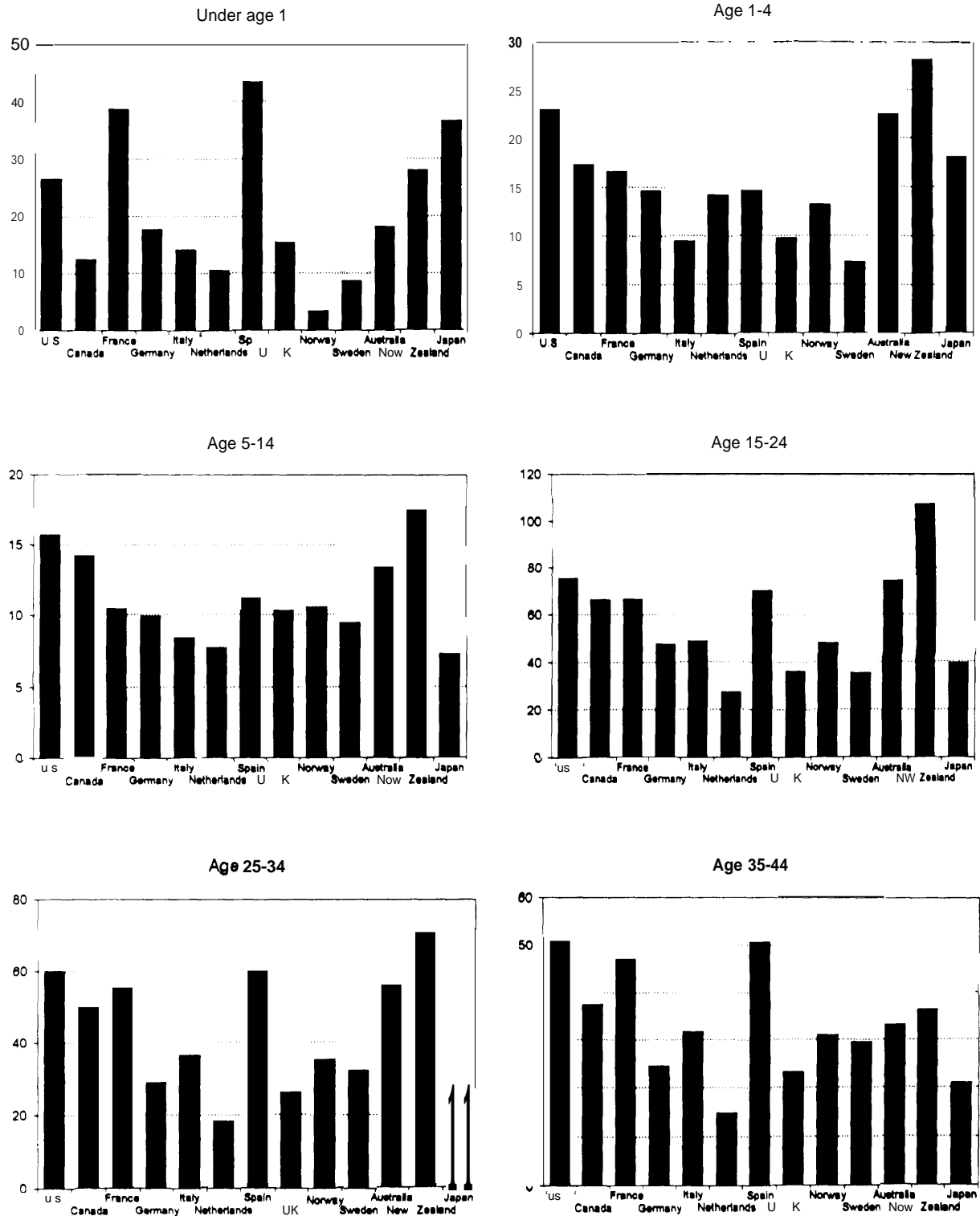
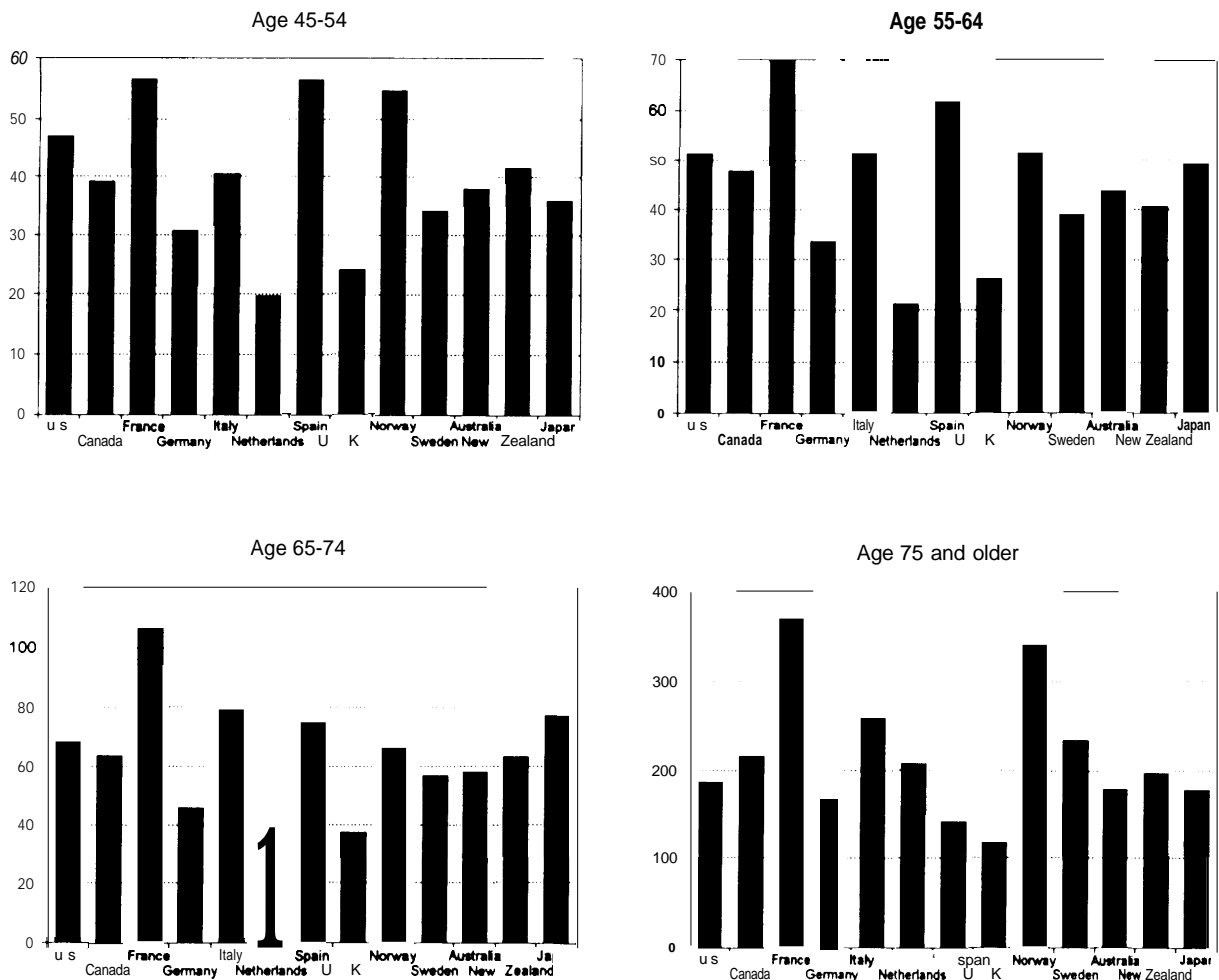


Figure C-3-Age-Specific Death Rates (per 100,000) for Accidents,^a Males, United States and Selected Countries,^b 1987-88^c (Continued)



a "Accidents" includes International Classification of Diseases-9 basic tabulation list codes E47-E53, accidents and adverse effects.

b Data for Germany from former Federal Republic of Germany.

c Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-4—Age-Specific Death Rates (per 100,000) for Accidents, Females, United States and Selected Countries,^b 1987-88^c

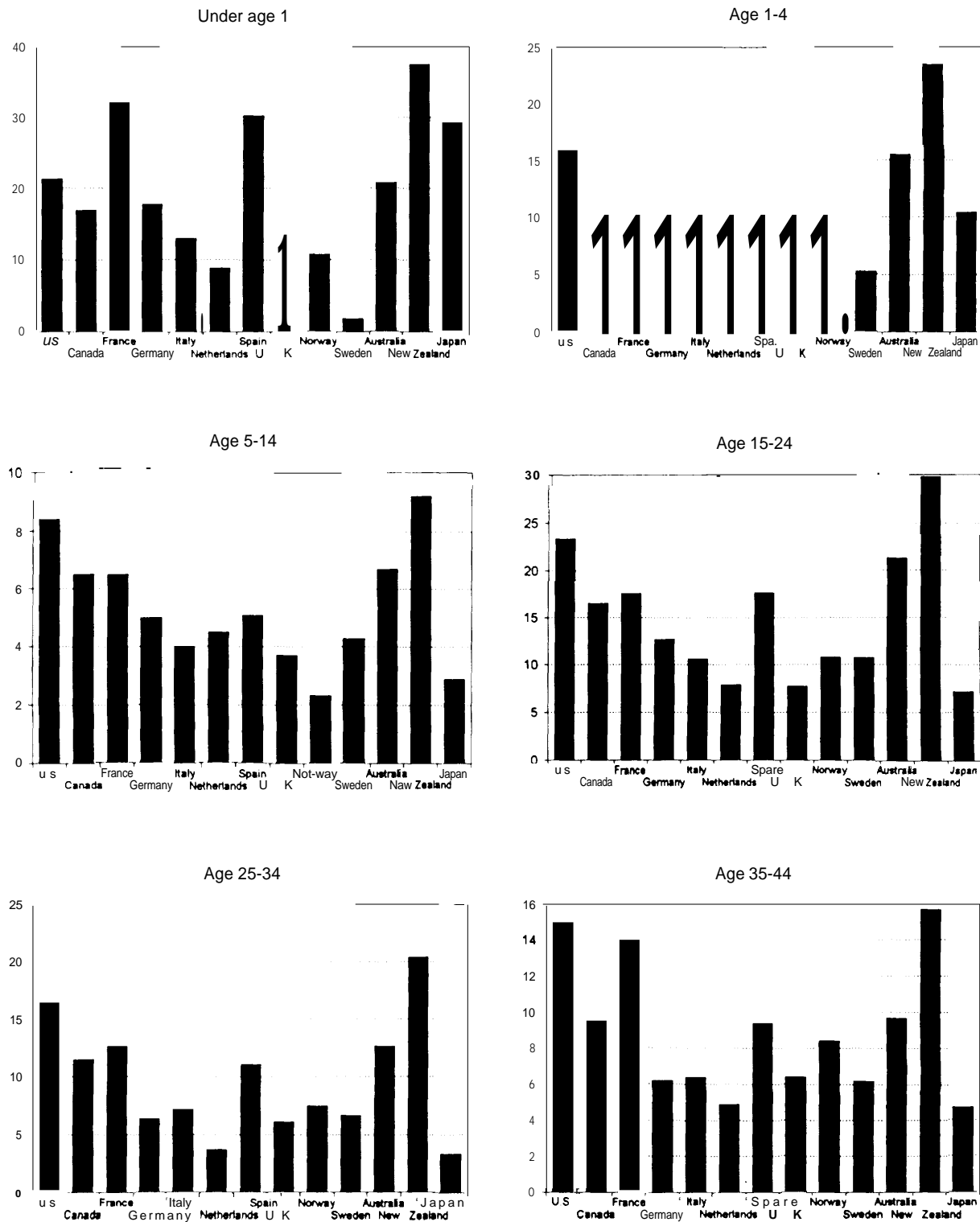
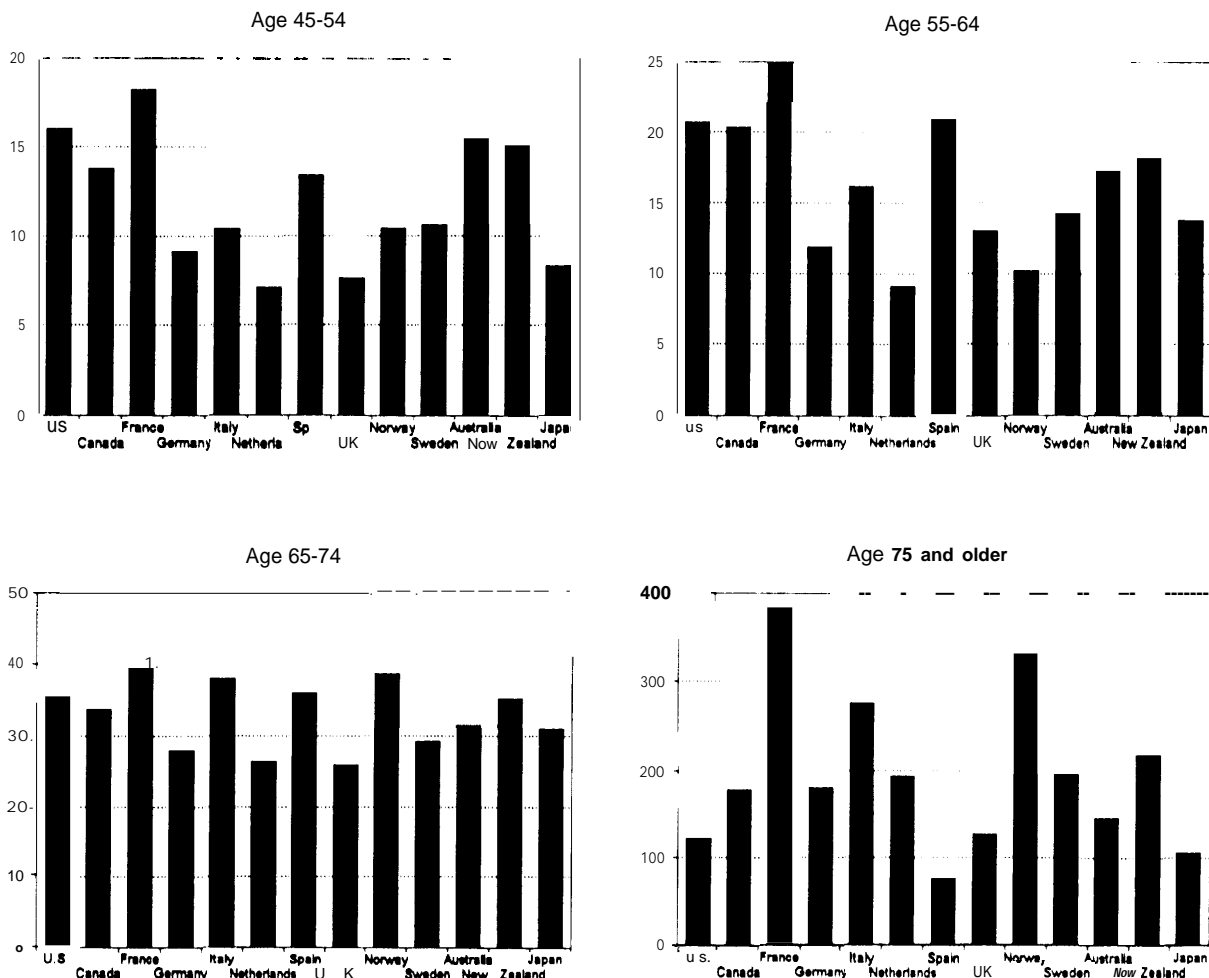


Figure C-4--Age-Specific Death Rates (per 100,000) for Accidents,^aFemales, United States and Selected Countries,^b1987-88^c (Continued)



a "Accidents" Includes International Classification of Diseases-9 basic tabulation list codes E47-E53, accidents and adverse effects.

b Data for Germany from former Federal Republic of Germany.

c Rates are for 1988, ● except for Italy, New Zealand, ● and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-5—Age-Specific Death Rates (per 100,000) for Homicide and Other Violence,^a Males, United States and Selected Countries,^b 1987-88^c

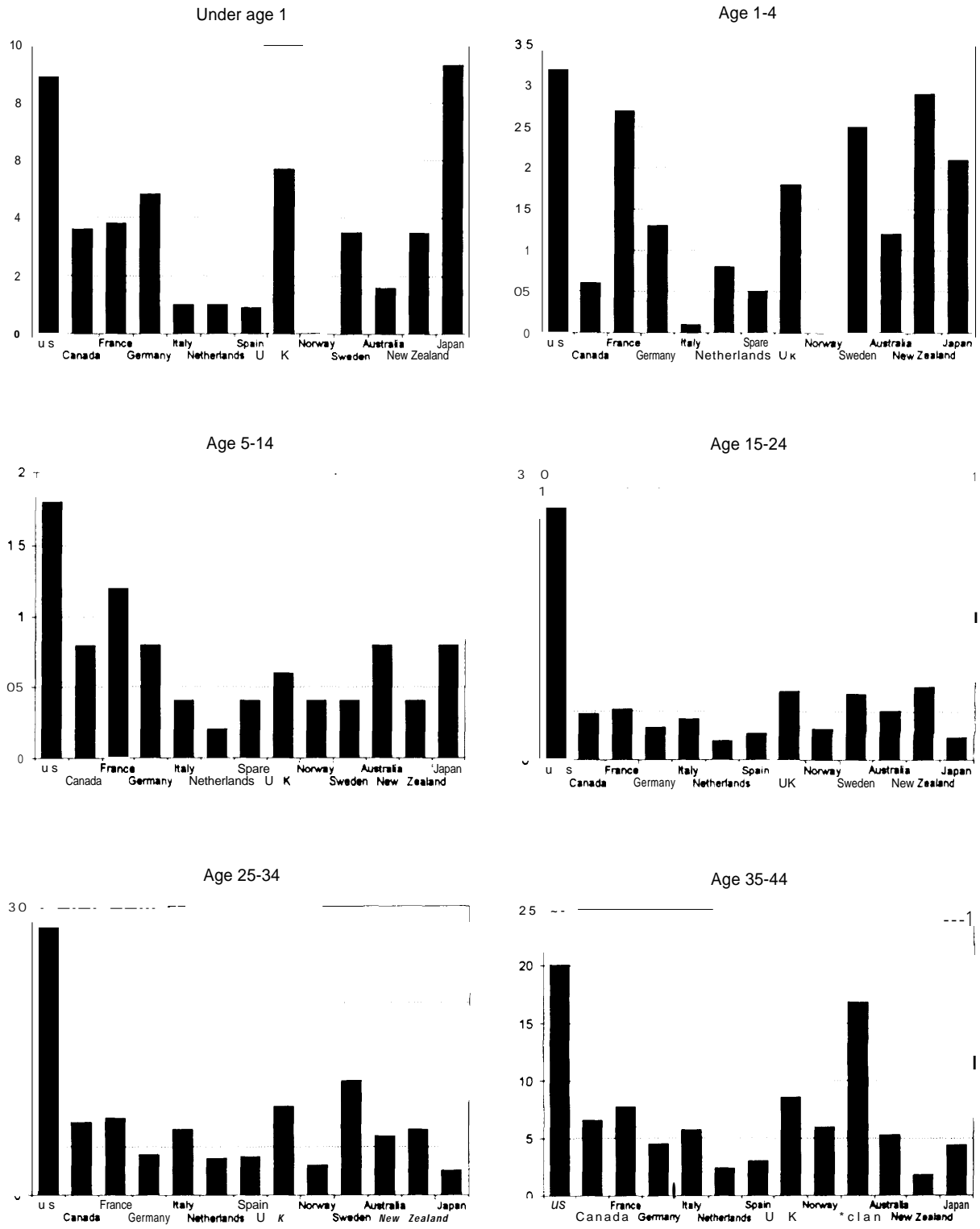
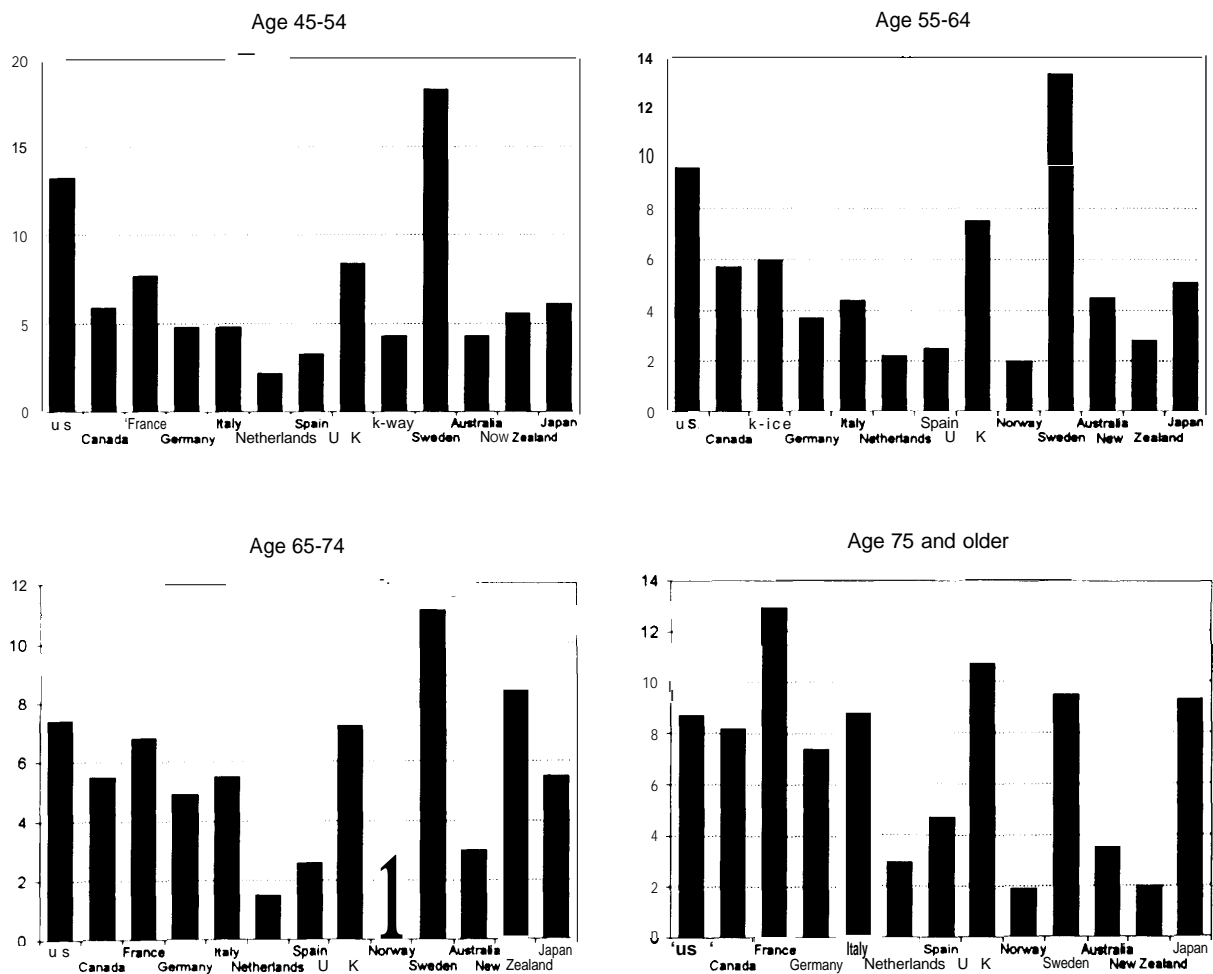


Figure C-5--Age-Specific Death Rates (per 100,000) for Homicide and Other Violence,^a Males, United States and Selected Countries,^b 1987-88^c (Continued)



a "Homicide and Other Violence" includes International Classification of Diseases-9 basic tabulation list codes E55-E56.

b Data for Germany from former Federal Republic of Germany.

c Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Appendix C-International Mortality Comparisons by Age: Tables and Figures | 137

Figure C-6-Age-Specific Death Rates (per 100,000) for Homicide and Other Violence,^a Females, United States and Selected Countries,^b 1987-88^c

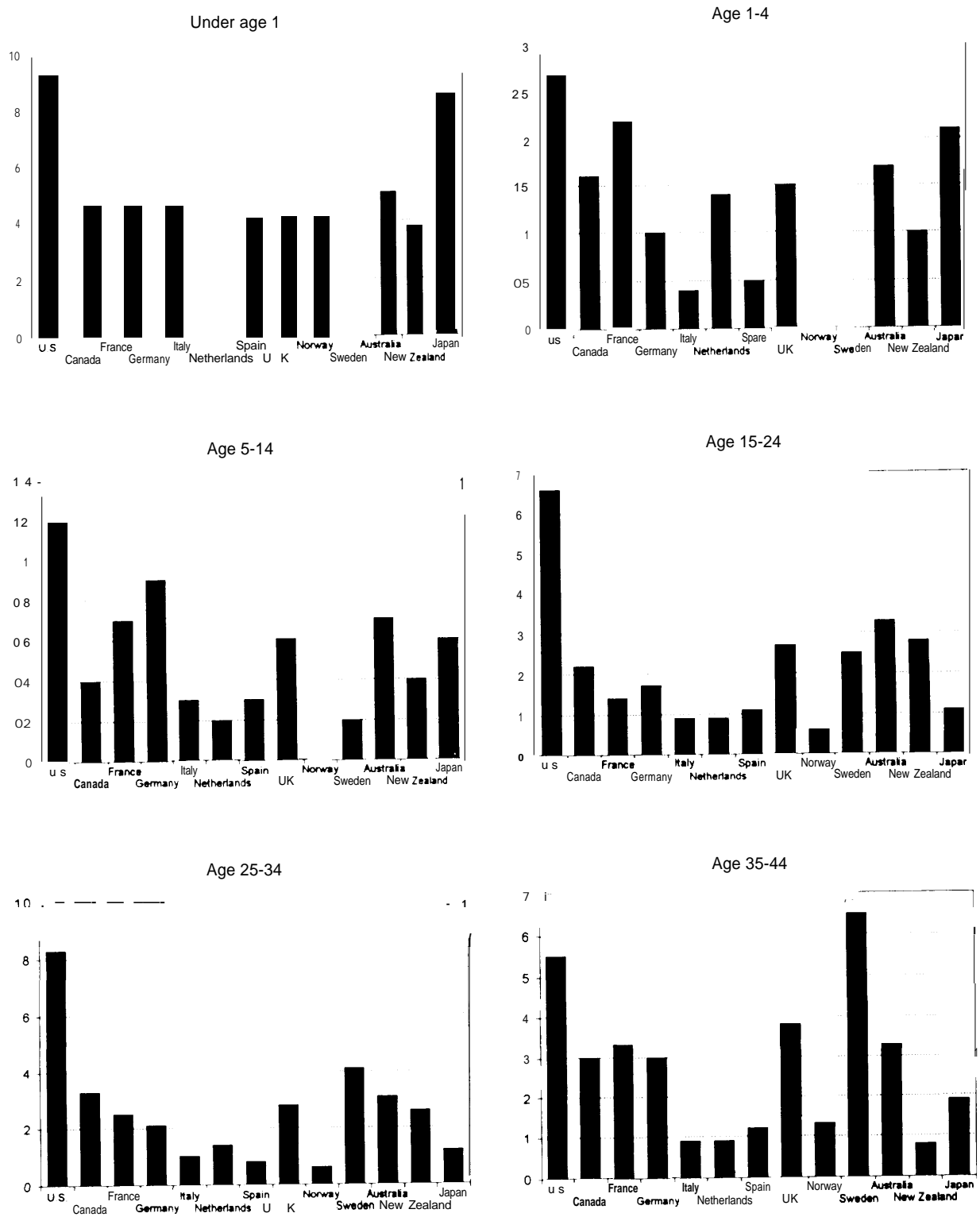
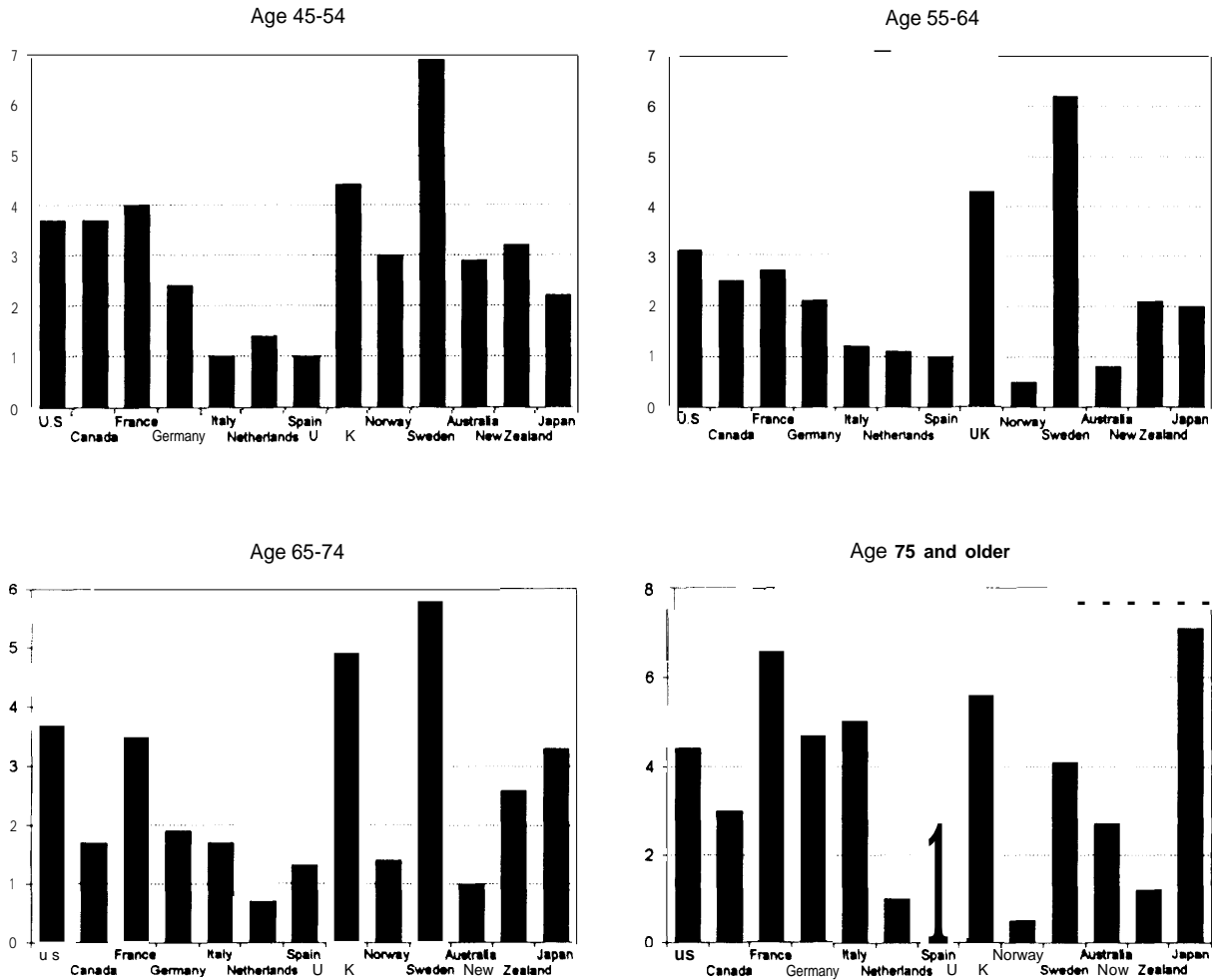


Figure C-6-Age-Specific Death Rates (per 100,000) for Homicide and Other Violence,^aFemales, United States and Selected Countries,^b1987-88^c (Continued)



a "Homicide and Other Violence" includes International Classification of Diseases-9 basic tabulation list codes E55-E56.

b Data for Germany from former Federal Republic of Germany.

c Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health organization, 1989, 1991, 1992).

Figure C-7—Trends In Age-Standardized^a Death Rates (per 100,000) for Injury and Violence,^b Males, United States and Selected Countries,^c 1955-84

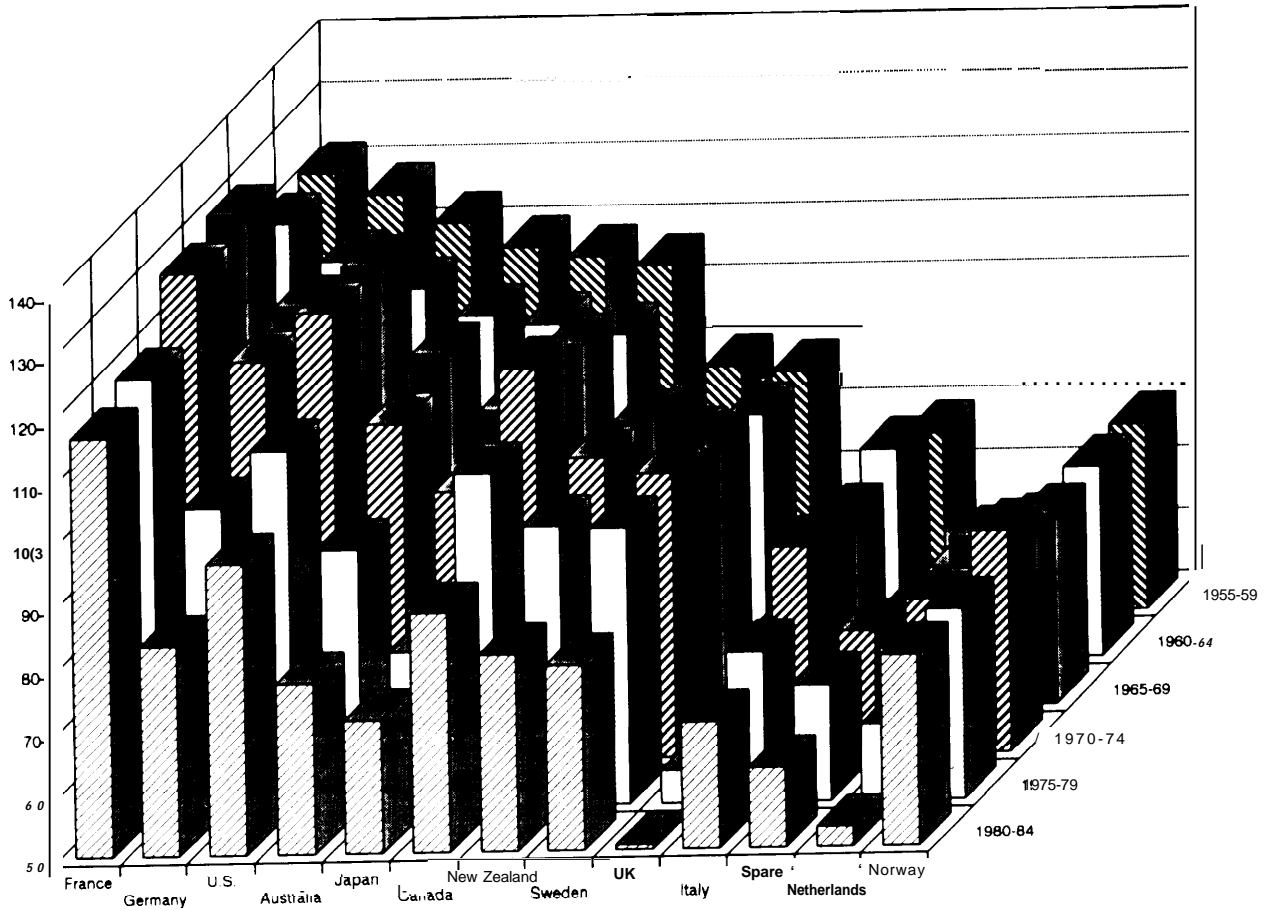
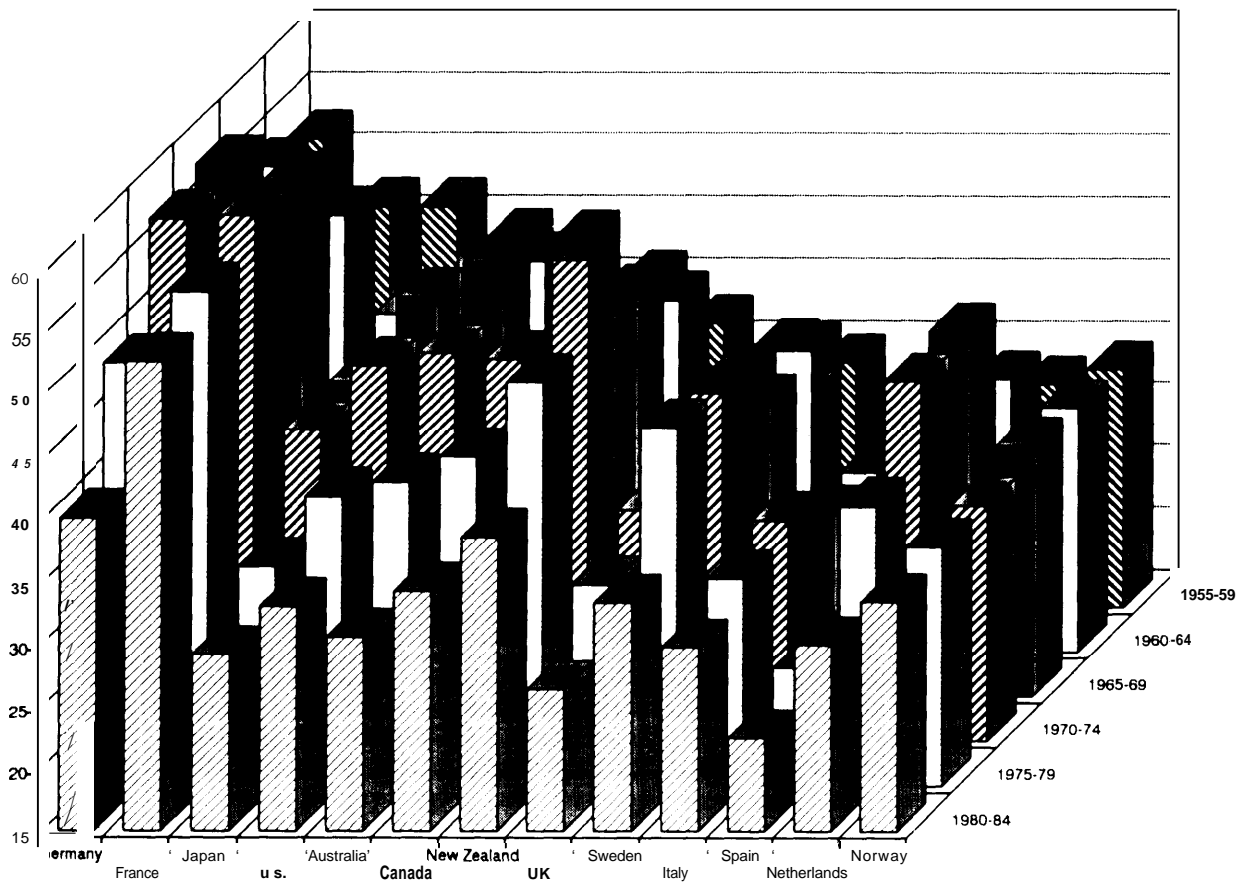


Figure C-7—Trends In Age-standardized^a Death Rates (per 100,000) for Injury and Violence,^b Females, United States and Selected Countries,^c 1955-84 (Continued)



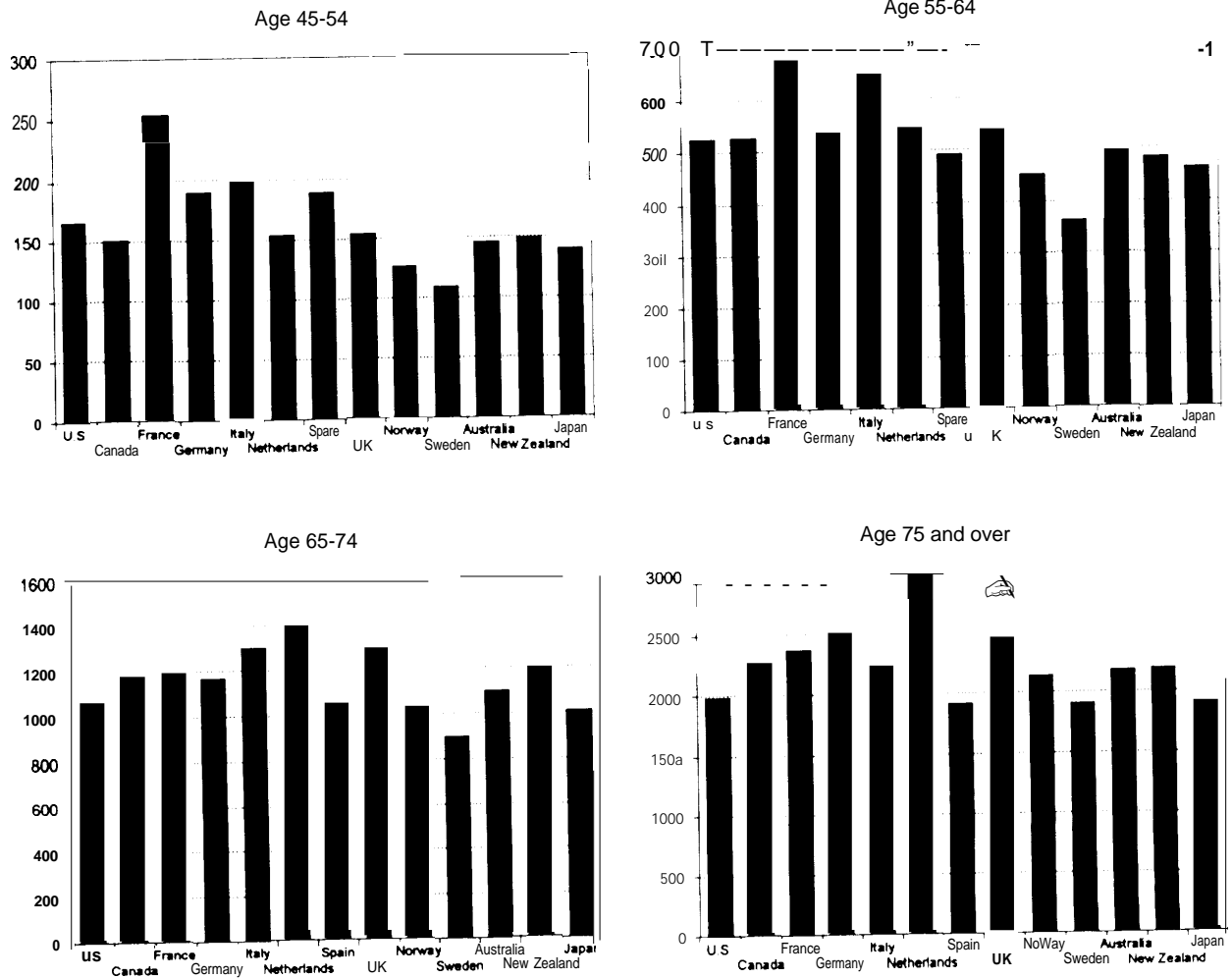
^a The European standard population is used to age adjust rates.

^b "Injury and violence" includes [international Classification of Diseases-9 basic tabulation] (x) & s E47-E56, which include accidents (E47-53), suicide and self-inflicted injuries (E54) and homicide and other violence (E55 and E56).

^c Data for Germany from former Federal Republic of Germany.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-8-Age-Specific Death Rates (per 100,000) for Cancer,^a Males Age 45 and Older, United States and Selected Countries, 1987-88^c



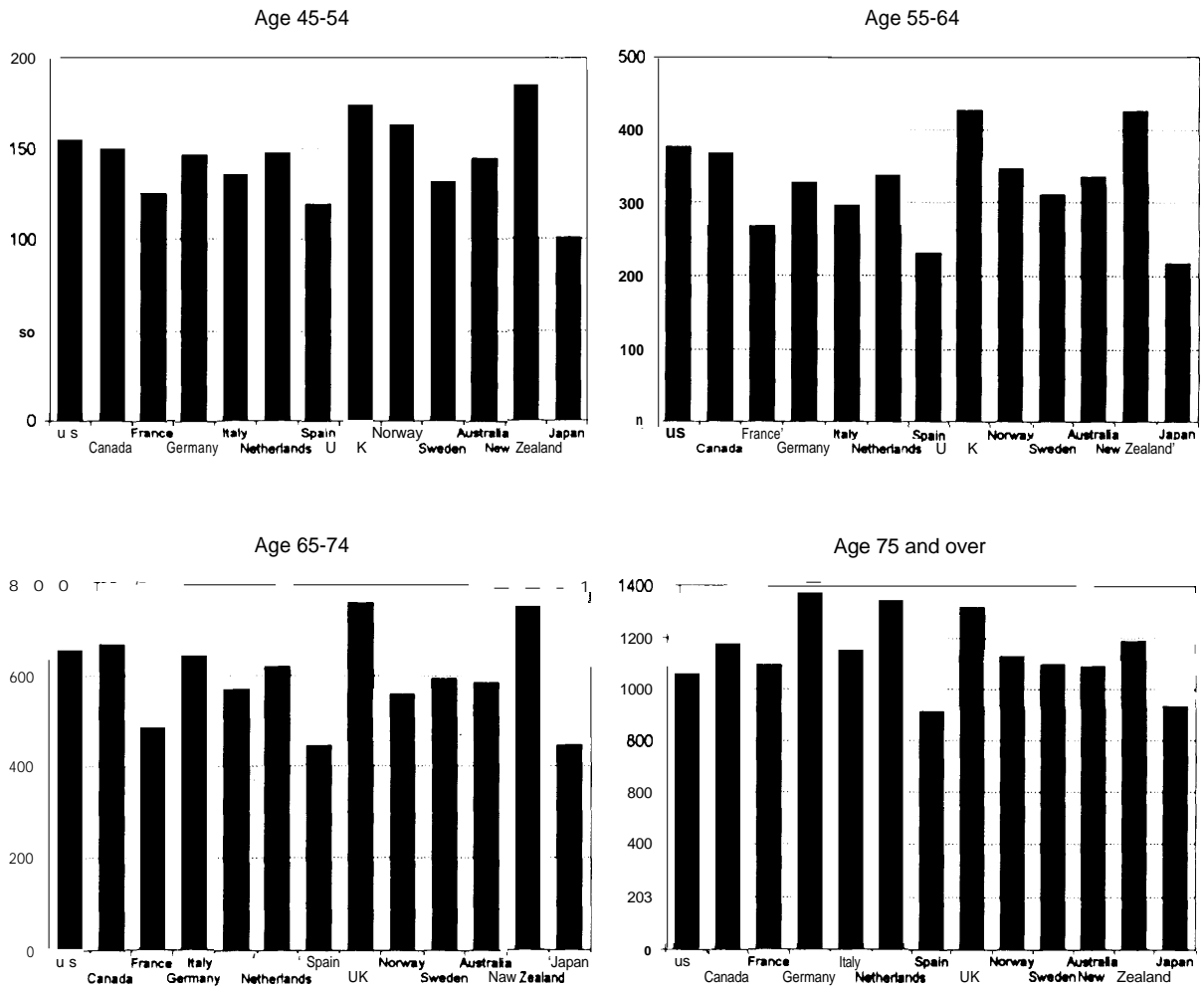
^a Cancer includes International Classification of Diseases-9 basic tabulation list codes 08-14.

^b Data for Germany from former Federal Republic of Germany.

^c Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-9—Age-Specific Death Rates (per 100,000) for Cancer, Females Age 45 and Older, United States and Selected Countries,^a 1987-88^b



^a Data for Germany from former Federal Republic of Germany.

^b Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-10--Trends in Age-standardized^a Death Rates (per 100,000) for Circulatory System Disease,^b United States and Selected Countries,^c 1955-84

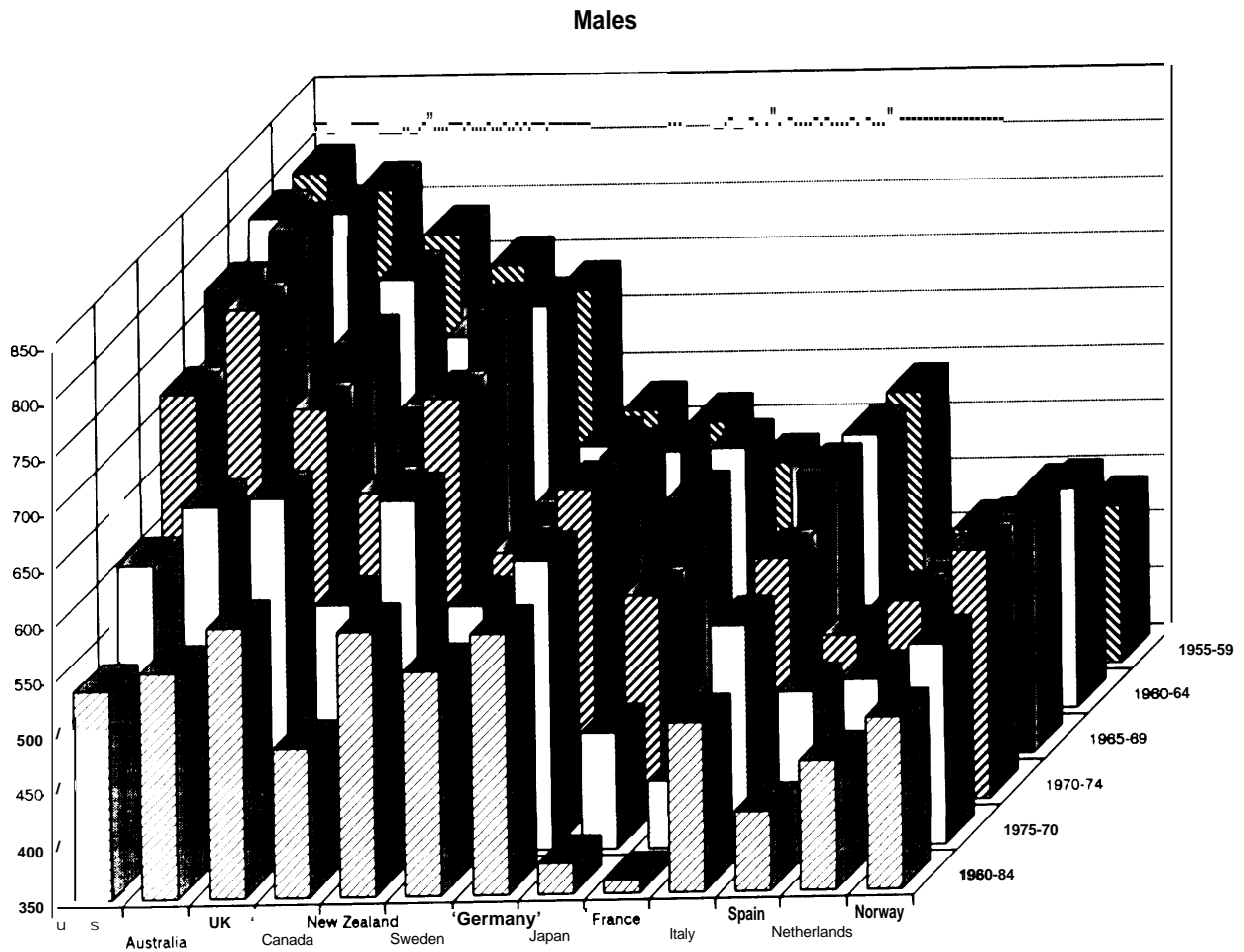
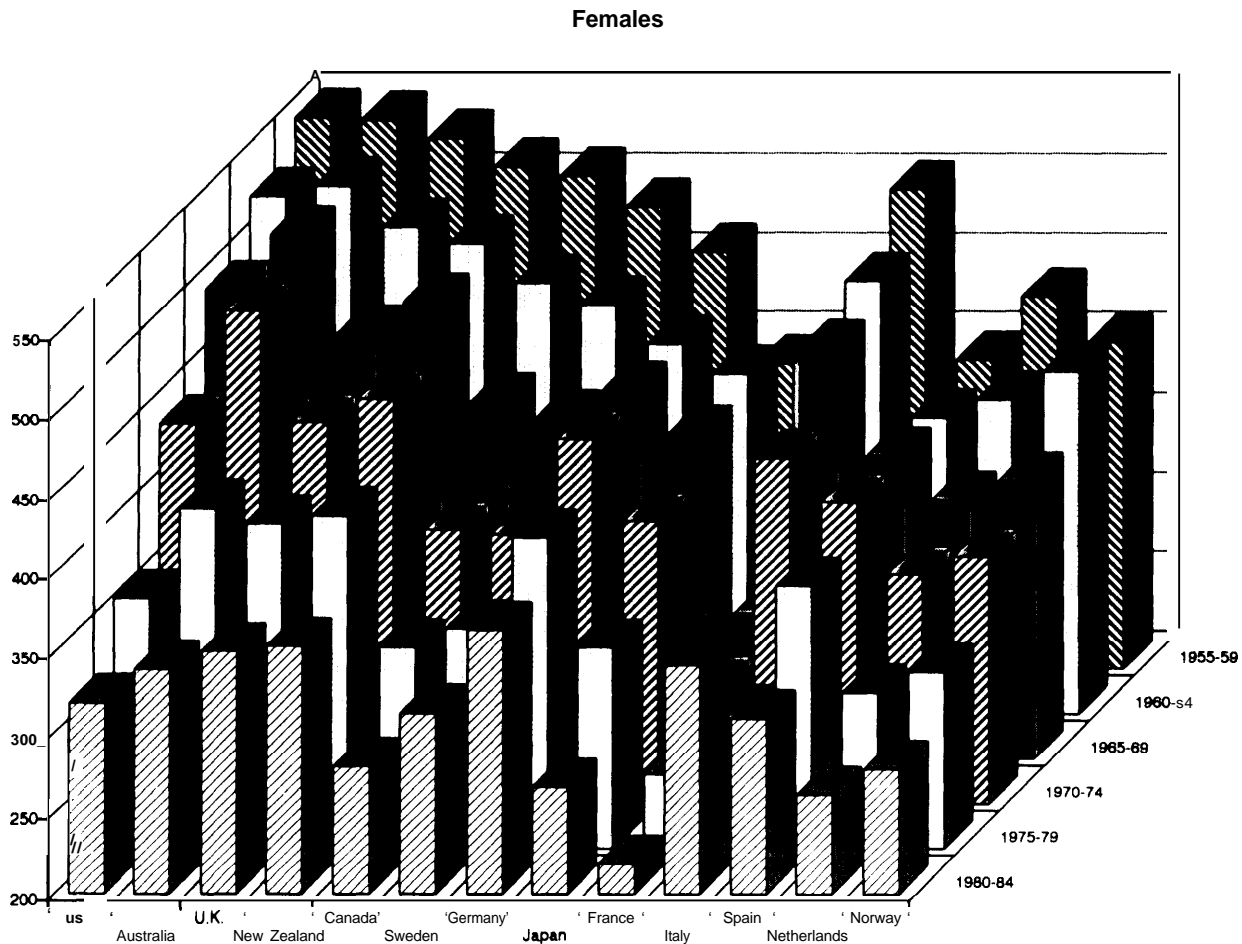


Figure C-1 O-Trends in Age-Standardized^a Death Rates (per 100,000) for Circulatory System Disease,^b United States and Selected Countries,^c 1955-84 (Continued)



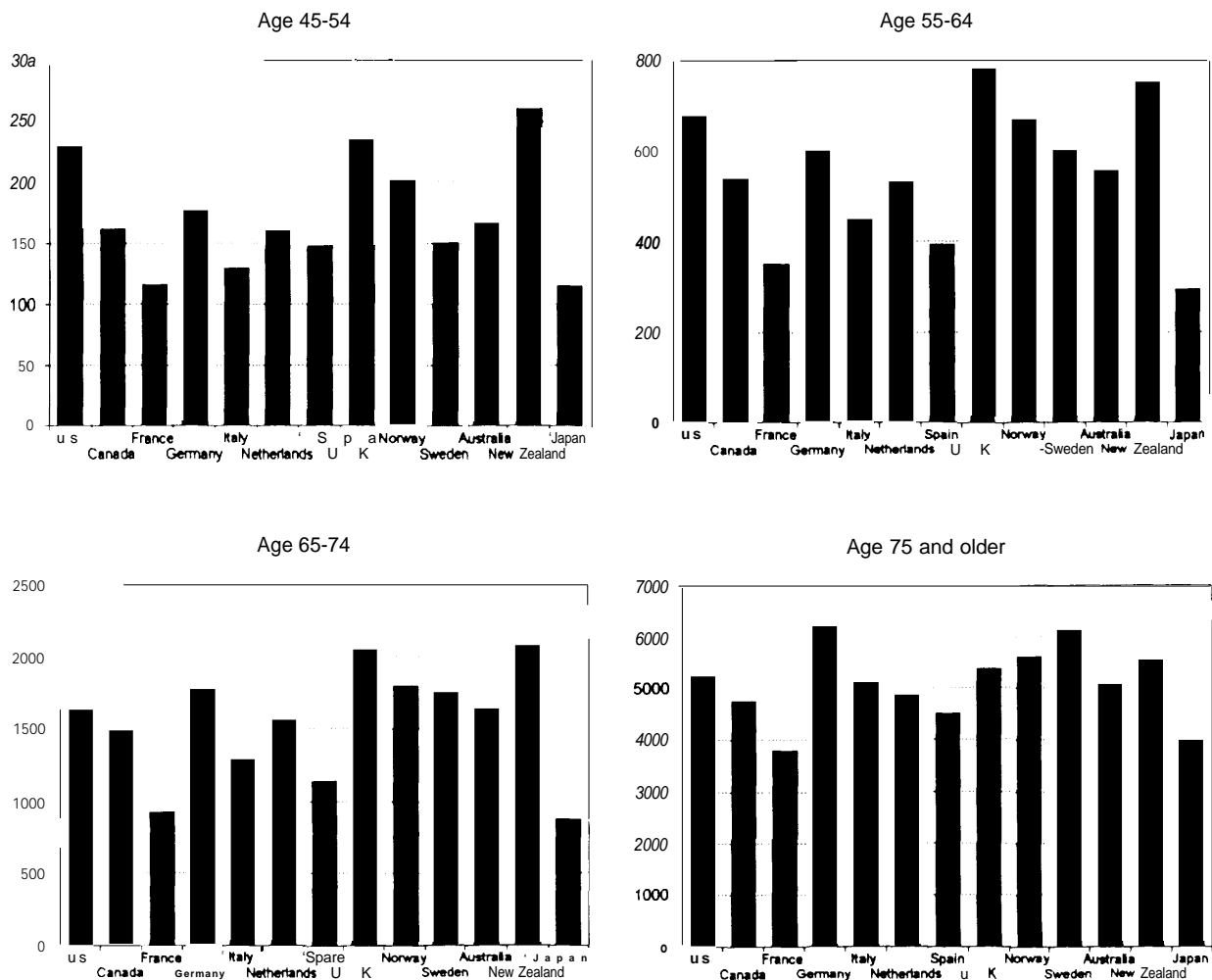
^a The European standard population is used to age adjust rates.

^b "Circulatory system disease" includes International Classification of Diseases-9 basic tabulation list codes 25-30.

^c Data for Germany from former Federal Republic of Germany.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-11—Age-Specific Death Rates (per 100,000) for Circulatory System Disease,^a Males Age 45 and Older, United States and Selected Countries,^b 1987-88^c



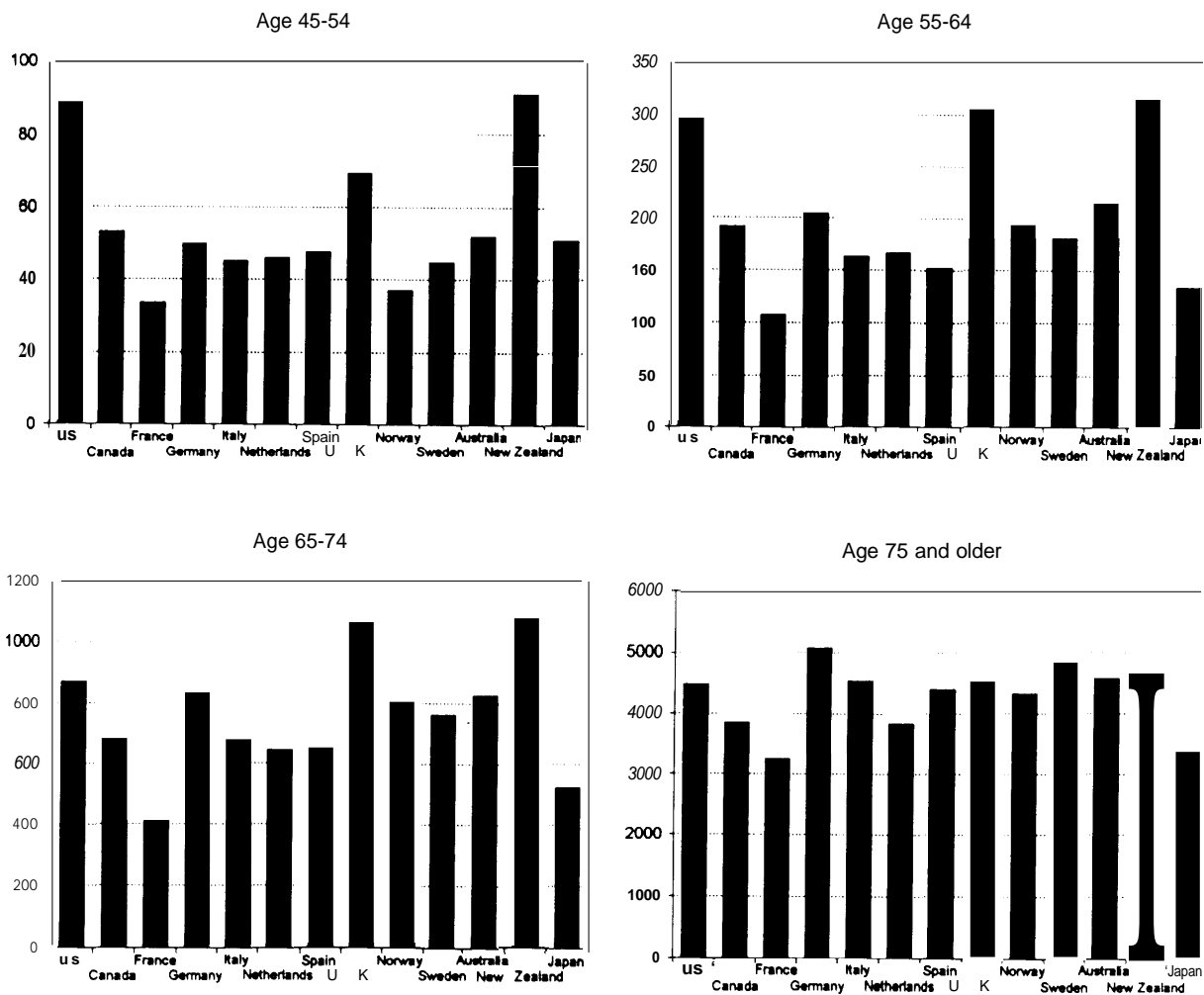
a "Circulatory system disease" includes International Classification of Diseases-9 basic tabulation list codes 25-30.

b Data for Germany from former Federal Republic of Germany.

c Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).

Figure C-1 2—Age-Specific Death Rates (per 100,000) for Circulatory System Disease,^a Females Age 45 and Older, United States and Selected Countries,^b 1987-88^c



a "Circulatory system disease" includes international Classification of Diseases-9 basic tabulation list codes 25-30.

b Data for Germany from former Federal Republic of Germany.

c Rates are for 1988, except for Italy, New Zealand, and Spain where 1987 rates are shown.

SOURCE: World Health Organization, *World Health Statistics Annual* (Geneva, Switzerland: World Health Organization, 1989, 1991, 1992).