

Table II-1  
ALL SITES (Invasive)

## TRENDS IN SEER INCIDENCE AND U.S. MORTALITY, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>INCIDENCE TRENDS (expressed in percents)§:</u>									
<u>1973-93</u>									
All Ages									
Percent Change (PC)	27.3	40.5	13.7	26.6	37.9	14.4	32.8	50.0	18.3
Est. Annual PC (EAPC)	1.3★	1.7★	0.9★	1.3★	1.6★	0.9★	1.4★	1.9★	1.0★
Under 65									
Percent Change (PC)	16.4	32.3	4.2	15.8	30.8	4.3	25.0	37.5	14.7
Est. Annual PC (EAPC)	0.8★	1.4★	0.4★	0.9★	1.4★	0.4★	1.0★	1.4★	0.7★
65 and over									
Percent Change (PC)	37.8	45.8	26.8	36.9	42.3	28.2	40.7	60.0	23.0
Est. Annual PC (EAPC)	1.7★	1.8★	1.5★	1.7★	1.8★	1.5★	1.8★	2.2★	1.4★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	1.3	3.8	-1.2	1.2	3.7	-1.1	3.7	6.9	0.8
Est. Annual PC (EAPC)	0.5	1.3★	-0.3	0.5	1.3★	-0.3	1.2★	2.4★	0.2
<u>1989-93 - ALL AGES</u>									
Percent Change (PC)	5.8	10.7	-0.1	4.2	8.3	-1.0	10.3	16.8	1.7
Est. Annual PC (EAPC)	1.7	3.0	-0.1	1.1	2.2	-0.4	3.2★◆	5.1★◆	0.6
<u>MORTALITY TRENDS (expressed in percents)δ:</u>									
<u>1973-93</u>									
All Ages									
Percent Change (PC)	5.8	5.2	7.6	5.3	4.0	7.7	14.6	20.9	12.9
Est. Annual PC (EAPC)	0.3★	0.3★	0.5★	0.3★	0.2★	0.5★	0.8★	1.1★	0.8★
Under 65									
Percent Change (PC)	-8.2	-8.7	-7.8	-8.5	-9.5	-7.7	-3.7	-1.2	-5.2
Est. Annual PC (EAPC)	-0.4★	-0.4★	-0.3★	-0.4★	-0.4★	-0.3★	-0.1	0.0	-0.1
65 and over									
Percent Change (PC)	16.6	13.8	22.0	15.6	11.9	21.6	32.7	39.4	34.0
Est. Annual PC (EAPC)	0.8★	0.7★	1.1★	0.8★	0.6★	1.1★	1.6★	1.9★	1.6★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	1.6	2.4	1.2	1.5	2.1	1.0	3.6	5.0	3.0
Est. Annual PC (EAPC)	0.6★	0.8★	0.4	0.5★	0.7★	0.4	1.2★	1.6★	1.0★
<u>1989-93 - ALL AGES</u>									
Percent Change (PC)	-0.6	-1.4	0.0	-0.5	-1.2	-0.1	-0.9	-2.4	1.3
Est. Annual PC (EAPC)	-0.2◆	-0.4★◆	0.0	-0.2◆	-0.4◆	0.0	-0.2◆	-0.7◆	0.5

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.

§ SEER Program.

δ NCHS public use tape.

★ The EAPC is significantly different from zero ( $p < .05$ ).

◆ The EAPC for 1989-93 is significantly different from the EAPC for 1975-79 ( $p < .05$ ).

◇ The EAPC for 1989-93 is significantly different from the EAPC for 1975-79 ( $p < .10$ ).

- Statistic could not be calculated.

Table II-2  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)  
 TRENDS IN SEER INCIDENCE AND U.S. MORTALITY, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>INCIDENCE TRENDS (expressed in percents)§:</u>									
<u>1973-93</u>									
All Ages									
Percent Change (PC)	26.1	48.7	6.4	25.1	45.9	6.7	32.7	60.2	10.0
Est. Annual PC (EAPC)	1.2★	2.0★	0.5★	1.3★	1.9★	0.6★	1.4★	2.1★	0.6★
Under 65									
Percent Change (PC)	17.6	44.8	0.1	16.8	43.4	-0.1	28.2	52.9	9.8
Est. Annual PC (EAPC)	0.9★	1.9★	0.2	0.9★	1.9★	0.2	1.1★	1.9★	0.5★
65 and over									
Percent Change (PC)	34.4	51.2	15.0	33.1	47.4	15.9	37.1	65.4	10.4
Est. Annual PC (EAPC)	1.6★	2.0★	0.9★	1.5★	2.0★	1.0★	1.6★	2.3★	0.9★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	0.1	3.4	-2.8	0.1	3.4	-2.7	2.6	7.2	-1.1
Est. Annual PC (EAPC)	0.1	1.3★	-0.9★	0.1	1.2★	-0.8★	0.8	2.4★	-0.5
<u>1989-93 - ALL AGES</u>									
Percent Change (PC)	6.8	13.5	-0.6	5.1	11.0	-1.7	12.3	21.3	1.6
Est. Annual PC (EAPC)	2.0	3.8	-0.2	1.4	3.0	-0.6	4.0★◆	6.6★◆	0.7
<u>MORTALITY TRENDS (expressed in percents)δ:</u>									
<u>1973-93</u>									
All Ages									
Percent Change (PC)	-4.1	0.9	-8.0	-4.9	-0.3	-8.6	6.0	15.5	0.3
Est. Annual PC (EAPC)	-0.2★	0.1★	-0.4★	-0.2★	0.0	-0.4★	0.4★	0.8★	0.1★
Under 65									
Percent Change (PC)	-14.7	-9.0	-19.3	-15.4	-10.1	-19.9	-9.0	-1.4	-14.9
Est. Annual PC (EAPC)	-0.7★	-0.4★	-1.0★	-0.8★	-0.5★	-1.1★	-0.4★	-0.1	-0.7★
65 and over									
Percent Change (PC)	3.5	6.3	2.0	2.4	4.8	1.0	19.3	27.3	17.3
Est. Annual PC (EAPC)	0.2★	0.3★	0.1★	0.1★	0.2★	0.1★	1.0★	1.3★	0.9★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	-0.5	0.8	-1.4	-0.7	0.6	-1.6	1.4	2.6	0.9
Est. Annual PC (EAPC)	-0.1	0.3★	-0.5	-0.2	0.2	-0.5	0.5	0.9★	0.3
<u>1989-93 - ALL AGES</u>									
Percent Change (PC)	-1.2	-0.6	-1.8	-1.2	-0.4	-2.1	-0.8	-1.6	0.3
Est. Annual PC (EAPC)	-0.4★	-0.2★◆	-0.6★	-0.4★	-0.1◆	-0.7★	-0.2◇	-0.4◆	0.2

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.

§ SEER Program.

δ NCHS public use tape.

★ The EAPC is significantly different from zero ( $p < .05$ ).

◆ The EAPC for 1989-93 is significantly different from the EAPC for 1975-79 ( $p < .05$ ).

◇ The EAPC for 1989-93 is significantly different from the EAPC for 1975-79 ( $p < .10$ ).

- Statistic could not be calculated.

Table II-3  
ALL SITES (Invasive)

## SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
YEAR OF DIAGNOSIS:									
1973	320.0	365.1	293.5	319.6	364.2	295.0	352.7	441.4	282.9
1974	332.9	372.6	311.8	333.8	373.6	314.2	349.9	427.1	289.4
1975	332.5	378.6	307.4	333.4	379.4	309.9	356.7	438.2	296.5
1976	337.9	389.8	308.3	339.3	389.6	312.7	355.4	456.0	282.3
1977	337.5	393.7	304.4	338.4	393.6	307.5	365.3	470.0	291.3
1978	337.6	395.7	303.2	339.2	395.9	307.7	363.0	471.1	284.9
1979	341.3	401.6	305.3	341.7	401.3	308.0	375.4	484.6	298.7
1980	345.6	409.0	306.9	346.1	407.2	310.9	390.3	510.2	304.6
1981	351.8	414.0	314.2	352.9	412.2	319.4	395.4	528.6	300.6
1982	351.5	413.4	314.5	353.3	412.8	320.0	389.4	516.4	299.8
1983	357.4	421.6	318.2	359.3	420.6	324.2	406.8	534.9	318.1
1984	364.2	425.5	327.7	366.0	424.9	332.9	410.1	538.6	321.7
1985	372.1	431.0	336.9	374.7	430.7	343.2	407.9	531.4	323.6
1986	374.0	436.0	336.4	376.4	437.0	341.3	411.8	532.0	330.3
1987	387.1	455.1	345.3	391.1	456.5	352.8	416.9	547.6	328.5
1988	384.4	451.2	343.3	388.3	453.4	349.9	420.2	542.6	337.9
1989	387.1	458.6	341.6	391.5	460.4	349.4	411.7	542.0	349.4
1990	398.3	477.9	347.4	402.1	478.8	354.7	434.2	573.9	341.4
1991	415.9	514.1	350.6	419.2	513.8	357.4	452.7	618.4	342.3
1992	423.7	533.2	348.4	423.9	527.8	353.4	468.0	651.7	342.6
1993	407.4	503.1	340.1	403.1	489.3	343.4	465.0	651.6	334.5
<u>AGE-ADJUSTED RATES, 1989-93</u>									
AGE AT DIAGNOSIS:									
All ages	406.6	497.7	345.6	407.9	494.1	351.6	446.8	608.4	337.4
Under 65	204.0	206.0	203.2	204.2	203.0	206.3	235.0	275.8	202.6
65 and over	2255.1	3159.7	1645.8	2267.1	3151.1	1678.0	2379.9	3644.4	1568.0
All ages (world std.) <sup>λ</sup>	326.3	386.3	285.3	327.5	383.5	290.3	361.1	478.0	279.6
<u>AGE-SPECIFIC RATES, 1989-93</u>									
AGE AT DIAGNOSIS:									
0-4	20.5	21.4	19.5	21.2	22.1	20.4	16.5	17.4	15.5
5-9	11.2	12.1	10.4	11.3	12.4	10.1	10.5	10.2	10.8
10-14	12.1	13.3	10.9	12.3	13.3	11.3	11.2	12.2	10.3
15-19	21.0	21.2	20.9	22.0	22.8	21.1	14.8	13.6	15.9
20-24	34.4	33.4	35.5	36.9	36.7	37.2	21.5	18.2	24.6
25-29	59.6	59.3	59.9	62.3	62.7	61.9	46.3	45.8	46.8
30-34	91.8	89.2	94.4	94.5	93.2	95.9	78.6	73.3	83.3
35-39	141.8	121.5	161.9	143.2	123.8	162.7	138.3	123.1	151.3
40-44	213.5	164.6	261.2	211.1	161.5	260.5	238.3	204.5	267.6
45-49	343.9	268.9	417.3	341.3	260.6	422.1	405.5	387.1	421.5
50-54	542.1	498.3	584.2	536.2	480.4	590.9	664.1	749.5	591.1
55-59	844.8	894.3	798.7	838.8	869.8	809.1	1051.6	1326.6	828.5
60-64	1274.3	1513.9	1060.7	1281.2	1491.6	1089.0	1508.4	2051.3	1079.3
65-69	1819.9	2378.7	1358.6	1834.4	2365.9	1391.7	2063.1	2987.4	1362.2
70-74	2305.0	3182.9	1634.8	2327.3	3182.5	1674.0	2463.1	3785.8	1550.2
75-79	2607.3	3715.9	1865.1	2619.4	3706.9	1899.3	2587.3	4049.0	1700.5
80-84	2701.1	4027.9	1972.9	2697.0	4004.0	2001.9	2747.8	4494.1	1824.3
85+	2521.4	3965.8	1962.7	2508.5	3971.2	1965.1	2463.4	3863.8	1860.1

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

λ SEER Program. Rates are per 100,000 and are age-adjusted to the world standard population.

Table II-4  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)  
 SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
YEAR OF DIAGNOSIS:									
1973	277.5	291.9	275.3	278.0	291.9	277.2	293.9	336.6	261.9
1974	289.0	298.1	291.9	290.4	299.5	294.4	290.9	325.1	267.6
1975	287.2	302.4	286.0	288.3	303.6	288.1	300.0	336.8	275.9
1976	290.1	310.5	284.5	292.1	311.1	288.8	292.8	345.1	257.1
1977	288.6	312.9	279.7	290.1	313.6	282.9	301.1	361.2	262.4
1978	287.4	313.7	277.1	289.5	314.8	281.3	298.0	357.7	257.8
1979	290.3	320.2	277.5	291.3	320.6	280.1	310.0	373.1	269.3
1980	293.2	324.6	278.8	294.8	324.9	282.7	314.4	379.2	270.8
1981	297.9	329.5	283.3	299.5	328.9	288.1	322.1	402.5	267.5
1982	296.7	328.3	282.2	298.7	329.0	286.7	318.3	392.8	268.4
1983	302.4	337.5	284.9	304.8	338.4	289.8	330.8	404.0	283.4
1984	307.4	339.0	293.1	310.3	340.7	298.1	327.4	398.0	282.1
1985	315.9	347.1	301.6	319.2	348.7	307.3	328.9	400.1	283.4
1986	317.1	352.4	299.4	320.1	355.2	303.7	330.4	397.9	287.2
1987	328.6	369.9	306.7	332.5	372.3	313.1	342.4	423.5	290.1
1988	325.6	367.9	302.9	329.4	371.2	308.3	342.4	416.7	295.1
1989	329.1	376.4	301.7	333.6	379.4	308.3	333.7	418.9	279.3
1990	339.8	396.3	306.0	343.4	398.2	312.2	357.7	455.3	294.6
1991	356.4	432.4	307.5	360.0	433.8	313.4	371.0	492.7	292.7
1992	364.2	451.7	305.4	365.0	448.9	309.4	386.0	523.6	294.0
1993	350.4	425.7	298.4	346.3	413.8	300.5	390.2	536.6	288.7
<u>AGE-ADJUSTED RATES, 1989-93</u>									
AGE AT DIAGNOSIS:									
All ages	348.1	416.8	303.8	349.7	414.9	308.7	368.2	486.3	290.1
Under 65	176.7	172.0	181.9	177.5	171.0	184.6	192.1	213.0	175.9
65 and over	1912.4	2651.2	1416.0	1921.1	2641.6	1442.0	1976.1	2981.3	1333.0
All ages (world std.) <sup>λ</sup>	280.1	323.7	251.8	281.6	322.4	256.0	297.1	380.2	240.6
<u>AGE-SPECIFIC RATES, 1989-93</u>									
AGE AT DIAGNOSIS:									
0-4	20.5	21.4	19.5	21.2	22.0	20.4	16.5	17.4	15.5
5-9	11.2	12.1	10.4	11.3	12.4	10.1	10.5	10.2	10.8
10-14	12.1	13.2	10.9	12.3	13.2	11.3	11.2	12.2	10.3
15-19	20.9	21.0	20.7	21.8	22.7	20.9	14.7	13.6	15.7
20-24	34.2	33.2	35.2	36.7	36.6	36.8	21.2	17.6	24.6
25-29	59.0	58.7	59.2	61.8	62.3	61.3	45.3	44.6	45.9
30-34	90.0	87.2	92.9	93.0	91.3	94.7	74.7	69.1	79.7
35-39	136.7	115.2	157.9	138.8	118.8	159.0	126.7	106.5	144.2
40-44	200.4	149.2	250.4	199.4	148.3	250.3	210.7	165.8	249.6
45-49	308.0	227.0	387.2	307.7	223.5	391.8	337.4	291.9	377.2
50-54	461.4	403.0	517.4	458.7	392.9	523.3	524.5	548.9	503.6
55-59	700.4	718.5	683.5	697.2	704.1	690.6	831.2	1000.6	693.7
60-64	1043.6	1210.9	894.4	1050.0	1196.1	916.5	1186.6	1569.9	883.7
65-69	1501.1	1942.1	1137.1	1513.7	1932.5	1165.0	1644.0	2370.4	1093.3
70-74	1931.6	2655.3	1379.0	1950.5	2658.8	1409.5	2000.3	3023.4	1294.2
75-79	2220.2	3132.5	1609.4	2223.5	3114.0	1633.9	2212.0	3391.6	1496.3
80-84	2357.3	3441.4	1762.3	2350.8	3411.2	1787.0	2365.6	3761.2	1627.6
85+	2292.9	3501.1	1825.6	2283.4	3498.7	1831.9	2238.0	3436.7	1721.7

<sup>§</sup> SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

<sup>λ</sup> SEER Program. Rates are per 100,000 and are age-adjusted to the world standard population.

Table II-5  
ALL SITES (Invasive)U.S. MORTALITY RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES<sup>δ</sup>, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
YEAR OF DEATH:									
1973	162.0	205.3	131.4	159.3	201.5	129.7	197.0	257.2	151.4
1974	163.1	207.8	131.7	160.5	203.9	130.4	196.6	261.1	148.3
1975	162.3	207.7	130.6	159.6	203.4	129.6	196.8	266.0	145.4
1976	164.5	210.5	132.5	161.8	205.9	131.5	201.0	272.2	148.1
1977	165.1	211.8	132.9	162.0	206.8	131.6	204.8	278.6	151.1
1978	166.1	213.6	133.5	163.0	208.5	132.3	205.4	281.3	150.5
1979	166.1	214.6	132.8	163.0	209.6	131.5	206.7	283.6	151.8
1980	168.0	216.4	135.0	164.6	210.8	133.5	212.2	290.7	156.6
1981	167.4	215.1	135.1	164.0	209.1	133.8	212.5	294.4	155.0
1982	169.0	217.2	136.5	165.5	211.2	135.2	215.5	299.0	157.5
1983	169.6	218.0	137.1	166.0	211.7	135.7	218.3	303.0	159.8
1984	170.9	218.8	138.9	167.1	212.0	137.5	221.7	309.4	161.5
1985	171.3	219.2	139.3	167.7	212.5	138.1	221.1	308.5	161.8
1986	171.5	219.1	139.7	168.0	212.8	138.3	221.9	308.5	164.0
1987	171.6	219.4	139.6	168.0	212.9	138.1	223.0	311.3	164.5
1988	171.9	219.2	140.2	168.2	212.7	138.8	223.2	311.7	164.8
1989	173.0	220.2	141.4	169.2	213.0	140.2	226.6	320.0	165.2
1990	173.3	220.8	141.6	169.4	213.7	140.1	229.0	321.8	168.8
1991	173.4	220.0	142.2	169.6	213.3	140.6	227.7	317.3	169.7
1992	172.1	217.7	141.5	168.4	211.2	139.9	225.1	311.8	169.4
1993	172.0	217.1	141.6	168.3	210.3	140.1	226.1	314.6	169.1
<u>AGE-ADJUSTED RATES, 1989-93</u>									
AGE AT DEATH:									
All ages	172.8	219.1	141.7	169.0	212.3	140.2	226.9	317.0	168.5
Under 65	73.3	81.5	66.0	70.6	77.2	64.6	106.6	133.4	85.7
65 and over	1080.3	1475.5	831.9	1067.0	1444.8	830.1	1324.5	1993.4	924.1
All ages (world std.) <sup>φ</sup>	132.9	164.7	110.8	129.7	159.0	109.4	177.7	242.8	134.1
<u>AGE-SPECIFIC RATES, 1989-93</u>									
AGE AT DEATH:									
0-4	3.1	3.4	2.9	3.2	3.4	2.9	3.0	3.1	2.9
5-9	3.2	3.5	2.9	3.3	3.6	3.0	3.0	3.2	2.7
10-14	3.0	3.4	2.5	3.1	3.5	2.6	2.8	3.0	2.5
15-19	4.2	4.9	3.5	4.3	5.0	3.5	4.4	4.9	3.8
20-24	5.6	6.4	4.7	5.5	6.4	4.5	6.6	7.3	5.9
25-29	8.8	9.2	8.3	8.5	9.1	8.0	11.0	10.8	11.1
30-34	15.8	15.0	16.6	15.2	14.5	15.9	21.5	19.8	23.1
35-39	29.8	26.6	32.9	28.1	25.2	31.0	44.5	39.8	48.5
40-44	56.8	51.6	61.9	53.4	47.8	59.1	89.6	89.3	89.9
45-49	111.6	109.3	113.8	105.3	100.6	110.0	180.6	206.8	158.6
50-54	205.7	217.5	194.6	195.2	201.3	189.4	322.5	398.7	260.3
55-59	348.5	397.4	303.7	335.0	374.5	298.0	513.8	674.2	387.0
60-64	540.4	651.8	442.7	527.9	628.2	438.3	733.1	985.9	541.8
65-69	760.8	958.4	600.2	746.5	929.4	596.1	1001.1	1395.1	714.1
70-74	1006.8	1315.1	775.2	992.8	1281.9	773.5	1271.2	1868.4	873.4
75-79	1249.2	1713.1	945.4	1238.7	1682.3	946.6	1472.9	2265.8	1006.2
80-84	1502.2	2203.1	1126.0	1488.2	2168.6	1124.6	1772.8	2860.8	1210.3
85+	1756.5	2744.1	1376.3	1745.3	2719.9	1375.6	1959.4	3209.6	1437.5

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

<sup>φ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the world standard population.

Table II-6  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)  
 U.S. MORTALITY RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES $\delta$ , BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
YEAR OF DEATH:									
1973	127.3	142.9	118.1	124.9	139.9	116.5	156.1	182.0	137.8
1974	127.1	143.7	117.4	125.0	140.7	116.1	154.1	182.6	134.0
1975	125.5	142.6	115.5	123.2	139.3	114.3	153.6	186.3	130.5
1976	126.4	143.8	116.2	124.1	140.2	115.0	156.3	190.2	132.2
1977	125.9	143.6	115.6	123.5	140.0	114.2	157.0	190.8	133.7
1978	125.7	144.1	115.0	123.2	140.3	113.6	156.9	192.4	132.6
1979	125.0	144.5	113.5	122.5	140.8	112.0	157.3	193.9	132.5
1980	125.5	144.9	114.1	122.8	140.8	112.6	160.4	198.0	135.1
1981	124.4	143.4	113.4	121.7	139.1	112.0	159.4	198.9	133.0
1982	124.8	144.3	113.5	122.0	139.9	112.0	160.9	201.1	134.5
1983	124.7	145.0	112.7	121.7	140.4	111.1	162.6	205.0	134.8
1984	125.2	144.8	113.7	122.1	140.0	112.1	164.7	207.3	137.1
1985	124.8	145.0	112.9	121.7	140.2	111.3	163.6	206.9	135.8
1986	124.5	144.9	112.5	121.5	140.4	110.8	163.6	205.9	136.9
1987	123.5	144.3	111.3	120.5	139.7	109.5	163.3	206.7	136.2
1988	123.3	144.4	110.8	120.2	139.7	109.0	163.3	207.6	135.5
1989	123.7	145.5	110.6	120.5	140.4	109.0	165.0	213.4	134.9
1990	123.3	145.6	110.0	120.0	140.5	108.1	166.4	214.7	137.1
1991	123.3	145.5	110.0	120.1	140.7	108.0	166.1	212.5	137.7
1992	122.1	144.8	108.5	119.0	140.1	106.4	163.6	209.2	136.0
1993	121.9	144.5	108.1	118.6	139.6	106.0	165.2	212.1	136.7
<u>AGE-ADJUSTED RATES, 1989-93</u>									
AGE AT DEATH:									
All ages	122.9	145.2	109.4	119.6	140.3	107.5	165.2	212.4	136.5
Under 65	51.0	51.5	50.7	48.9	48.8	49.1	74.8	83.1	68.4
65 and over	778.9	1000.7	646.0	765.7	975.6	640.3	991.0	1392.4	758.2
All ages (world std.) $\phi$	93.9	107.9	85.3	91.2	104.0	83.6	128.2	160.1	108.2
<u>AGE-SPECIFIC RATES, 1989-93</u>									
AGE AT DEATH:									
0-4	3.1	3.3	2.9	3.2	3.4	2.9	3.0	3.1	2.9
5-9	3.2	3.5	2.9	3.3	3.6	2.9	3.0	3.2	2.7
10-14	3.0	3.4	2.5	3.1	3.5	2.6	2.7	3.0	2.5
15-19	4.2	4.9	3.5	4.2	4.9	3.5	4.3	4.8	3.8
20-24	5.5	6.3	4.6	5.4	6.3	4.5	6.4	7.2	5.8
25-29	8.5	8.9	8.1	8.3	8.9	7.7	10.6	10.4	10.8
30-34	14.8	13.8	15.7	14.3	13.5	15.0	19.8	17.3	21.9
35-39	26.3	22.4	30.1	24.9	21.4	28.4	38.1	31.2	44.2
40-44	46.8	39.2	54.1	44.2	36.8	51.6	71.4	62.6	78.9
45-49	83.0	73.4	92.2	78.4	68.0	88.6	131.5	132.2	130.9
50-54	142.1	135.2	148.7	134.3	124.8	143.4	223.4	245.1	205.6
55-59	228.2	235.3	221.6	217.7	220.7	214.9	343.8	401.6	298.0
60-64	347.3	382.7	316.2	336.8	367.1	309.8	486.3	587.9	409.4
65-69	496.7	575.6	432.5	483.9	555.3	425.1	682.2	861.1	551.9
70-74	685.7	835.8	573.0	672.0	810.6	566.9	905.9	1225.1	693.4
75-79	903.7	1161.1	735.2	890.9	1133.5	731.2	1123.4	1610.5	836.6
80-84	1173.5	1612.4	937.9	1158.0	1579.5	932.8	1443.2	2187.4	1058.5
85+	1507.1	2229.6	1229.0	1496.0	2202.1	1228.1	1706.8	2698.2	1292.9

$\delta$  NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

$\phi$  NCHS public use tape. Rates are per 100,000 and are age-adjusted to the world standard population.

Table II-7  
ALL SITES (Invasive)

## SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 <sup>a</sup>	-	-	-	39	-	-	27	-	-
1970-73 <sup>a</sup>	-	-	-	43	-	-	31	-	-
1974-76 <sup>b</sup>	49.3	40.9	56.8	50.3	42.0	57.6	38.9	31.4	46.8
1977-79 <sup>b</sup>	49.9	43.2	56.2	51.0	44.5	57.0	39.1	32.3	46.4
1980-82 <sup>b</sup>	50.8	45.2	56.2	52.0	46.6	57.0	39.6	34.2	45.7
1983-85 <sup>b</sup>	52.8	47.3	57.9	54.2	49.0	59.1	39.7	34.5	45.3
1986-92 <sup>b</sup>	57.2 $\Omega$	53.6 $\Omega$	60.7 $\Omega$	58.8 $\Omega$	55.5 $\Omega$	62.0 $\Omega$	43.6 $\Omega$	39.7 $\Omega$	47.7
<u>5-YR RELATIVE SURVIVAL RATES, 1986-92<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	67.0	54.6	76.9	68.9	56.8	78.9	51.0	36.4	61.4
45-54	59.8	47.4	68.8	62.1	50.3	70.5	42.2	30.6	53.4
55-64	55.5	50.8	60.5	57.3	52.7	62.0	42.0	38.6	46.1
65-74	56.5	56.9	55.8	58.0	58.5	57.1	43.8	45.9	40.8
75+	51.7	53.7	49.5	53.1	55.3	50.8	39.3	40.6	37.6
Under 65	59.8	51.1	67.7	61.7	53.3	69.3	44.6	35.9	53.2
65 and over	54.6	55.7	53.2	56.0	57.3	54.4	42.2	44.1	39.6

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.

<sup>b</sup> Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1993.

$\Omega$  The difference in rates between 1974-76 and 1986-92 is statistically significant ( $p < .05$ ).

$\uparrow$  The standard error of the survival rate is between 5 and 10 percentage points.

$\uparrow\uparrow$  The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table II-8  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)  
SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1970-73 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1974-76 <sup>b</sup>	55.2	48.9	59.8	56.2	50.1	60.6	44.5	38.6	49.5
1977-79 <sup>b</sup>	56.2	51.7	59.7	57.3	53.1	60.6	45.2	40.4	49.5
1980-82 <sup>b</sup>	57.5	54.0	60.4	58.7	55.5	61.3	46.0	42.4	49.4
1983-85 <sup>b</sup>	59.7	56.2	62.6	61.2	57.9	63.9	46.3	43.0	49.2
1986-92 <sup>b</sup>	64.5 $\Omega$	62.2 $\Omega$	66.4 $\Omega$	66.1 $\Omega$	64.1 $\Omega$	67.8 $\Omega$	50.6 $\Omega$	48.0 $\Omega$	52.9 $\Omega$
<u>5-YR RELATIVE SURVIVAL RATES, 1986-92<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	68.7	56.4	78.3	70.4	58.3	80.2	53.7	39.4	63.2
45-54	67.0	55.8	74.2	69.1	58.5	75.8	50.6	39.1	59.7
55-64	64.8	61.5	68.0	66.7	63.4	69.8	50.6	48.7	52.4
65-74	65.5	67.3	63.0	67.0	69.0	64.4	52.2	55.8	47.2
75+	57.9	61.7	54.2	59.4	63.7	55.5	44.1	46.9	41.1
Under 65	66.5	58.7	73.0	68.4	60.8	74.7	51.6	43.7	58.3
65 and over	62.4	65.1	59.2	63.9	66.9	60.5	49.2	52.7	44.7

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.

<sup>b</sup> Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1993.

$\Omega$  The difference in rates between 1974-76 and 1986-92 is statistically significant ( $p < .05$ ).

$\uparrow$  The standard error of the survival rate is between 5 and 10 percentage points.

$\uparrow\uparrow$  The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.



Table II-9  
ALL SITES (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	320.0	332.9	332.5	337.9	337.5	337.6	341.3	345.6	351.8	351.5	357.4	364.2	372.1	374.0	387.1	384.4	387.1	398.3	415.9	423.7	407.4
Mortality																					
U.S.	162.0	163.1	162.3	164.5	165.1	166.1	166.1	168.0	167.4	169.0	169.6	170.9	171.3	171.5	171.6	171.9	173.0	173.3	173.4	172.1	172.0
SEER	161.5	164.4	163.4	164.5	164.0	163.3	164.4	164.4	164.2	166.2	166.3	165.3	168.0	164.6	164.3	165.4	166.9	162.3	166.1	163.6	162.1
Relative Survival Rates (SEER)																					
1-year	66.6	68.7	69.0	69.7	69.9	70.2	70.3	70.6	71.1	71.5	72.1	72.2	73.0	73.6	74.3	74.4	74.9	75.7	77.2	77.4	
2-year	56.8	59.2	59.7	60.0	60.3	60.5	60.5	61.0	61.8	61.7	62.5	62.7	63.9	64.4	65.4	65.7	66.4	67.3	69.0		
3-year	51.8	54.3	54.9	55.3	55.2	55.5	55.3	55.9	56.8	56.7	57.6	57.9	59.1	59.8	60.8	61.4	61.9	63.0			
4-year	48.7	50.9	51.7	52.1	52.0	52.3	52.1	52.6	53.3	53.6	54.4	54.8	56.0	56.8	58.0	58.7	59.0				
5-year	46.4	48.7	49.4	49.9	49.9	50.0	49.9	50.2	51.1	51.2	52.1	52.4	53.7	54.7	55.9	56.5					
6-year	44.6	46.9	47.6	48.2	48.3	48.3	48.1	48.4	49.4	49.3	50.2	50.8	52.2	53.1	54.1						
7-year	43.2	45.7	46.4	46.9	47.0	46.8	46.7	47.1	47.8	47.9	48.7	49.6	50.8	51.7							
8-year	42.3	44.7	45.4	45.9	45.8	45.7	45.7	45.9	46.7	46.8	47.4	48.4	49.7								
9-year	41.5	43.9	44.7	45.0	44.9	44.8	44.9	45.0	45.8	46.1	46.6	47.3									
10-year	40.8	43.1	43.8	44.3	44.2	44.0	44.0	44.2	44.9	45.5	45.7										
11-year	40.4	42.5	43.2	43.6	43.5	43.3	43.4	43.5	44.3	44.8											
12-year	39.8	42.1	42.8	43.1	43.0	42.8	42.8	43.0	43.8												
13-year	39.4	41.8	42.5	42.8	42.7	42.6	42.4	42.5													
14-year	39.1	41.4	42.3	42.5	42.4	42.2	41.9														
15-year	38.8	41.0	42.0	42.3	42.0	41.7															
16-year	38.6	40.9	41.7	42.0	41.7																
17-year	38.5	40.8	41.5	41.8																	
18-year	38.4	40.8	41.4																		
19-year	38.2	40.7																			
20-year	38.2																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Survival rates are relative rates expressed as percents.

Table II-10  
ALL SITES (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	365.1	372.6	378.6	389.8	393.7	395.7	401.6	409.0	414.0	413.4	421.6	425.5	431.0	436.0	455.1	451.2	458.6	477.9	514.1	533.2	503.1
Mortality																					
U.S.	205.3	207.8	207.7	210.5	211.8	213.6	214.6	216.4	215.1	217.2	218.0	218.8	219.2	219.1	219.4	219.2	220.2	220.8	220.0	217.7	217.1
SEER	204.5	207.2	207.9	208.4	206.3	208.9	210.4	209.7	206.2	209.4	210.7	208.5	211.2	207.3	204.9	206.4	206.2	203.1	205.1	204.4	200.8
Relative Survival Rates (SEER)																					
1-year	59.8	61.8	62.8	63.8	64.8	64.8	65.7	66.3	67.1	67.5	68.4	68.1	69.1	69.9	71.1	71.3	72.0	73.8	76.3	77.1	
2-year	48.8	51.2	52.4	52.8	54.0	54.1	55.2	55.9	57.0	56.8	57.9	57.4	59.0	59.6	61.4	61.8	63.0	64.7	67.9		
3-year	43.5	45.6	47.0	47.8	48.6	48.7	49.6	50.4	51.7	51.8	52.8	52.3	54.0	54.7	56.4	57.0	58.2	60.3			
4-year	40.1	42.0	43.6	44.5	45.2	45.3	46.1	47.0	48.1	48.2	49.4	49.0	50.5	51.4	53.4	53.9	55.0				
5-year	37.6	39.6	40.9	42.0	42.8	42.9	43.8	44.3	45.7	45.6	47.0	46.5	48.2	49.2	51.2	51.6					
6-year	35.5	37.7	38.8	40.1	41.0	41.2	42.0	42.5	43.9	43.5	45.1	44.7	46.6	47.3	49.5						
7-year	34.0	36.4	37.4	38.7	39.6	39.4	40.3	41.0	42.2	41.9	43.5	43.5	45.0	45.9							
8-year	32.8	35.1	36.1	37.4	38.3	38.3	39.1	39.7	41.0	40.8	42.1	42.2	43.8								
9-year	31.8	34.0	35.0	36.3	37.1	37.2	38.2	38.6	40.0	40.0	41.0	41.0									
10-year	30.8	33.0	33.9	35.3	36.3	36.0	37.3	37.7	39.1	39.3	40.2										
11-year	30.1	32.3	33.2	34.4	35.3	35.1	36.4	37.0	38.2	38.6											
12-year	29.6	31.6	32.5	33.8	34.7	34.6	35.7	36.4	37.5												
13-year	29.1	31.1	32.1	33.2	34.3	34.2	35.0	36.1													
14-year	28.5	30.5	31.8	32.8	33.7	33.8	34.3														
15-year	28.1	30.1	31.3	32.4	33.3	33.1															
16-year	27.7	29.9	30.9	31.9	32.8																
17-year	27.6	29.8	30.6	31.5																	
18-year	27.4	29.8	30.3																		
19-year	27.3	29.8																			
20-year	26.9																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Survival rates are relative rates expressed as percents.

Table II-11  
ALL SITES (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	293.5	311.8	307.4	308.3	304.4	303.2	305.3	306.9	314.2	314.5	318.2	327.7	336.9	336.4	345.3	343.3	341.6	347.4	350.6	348.4	340.1
Mortality																					
U.S.	131.4	131.7	130.6	132.5	132.9	133.5	132.8	135.0	135.1	136.5	137.1	138.9	139.3	139.7	139.6	140.2	141.4	141.6	142.2	141.5	141.6
SEER	131.4	134.8	132.7	134.6	135.2	132.4	133.3	133.9	136.1	137.8	136.8	136.3	139.3	136.0	137.3	138.1	141.0	135.2	140.7	136.3	136.1
Relative Survival Rates (SEER)																					
1-year	73.2	75.2	74.9	75.5	74.9	75.6	74.9	75.0	75.2	75.4	75.8	76.3	76.9	77.4	77.5	77.6	77.8	77.8	78.3	77.9	
2-year	64.4	66.5	66.5	66.8	66.4	66.8	65.8	66.2	66.5	66.5	67.1	67.8	68.6	69.1	69.5	69.7	69.8	70.1	70.3		
3-year	59.6	62.0	62.1	62.3	61.5	62.1	60.9	61.2	61.6	61.5	62.3	63.3	64.1	64.8	65.1	65.8	65.7	65.9			
4-year	56.4	58.6	59.0	59.1	58.4	58.9	57.8	58.1	58.3	58.7	59.2	60.2	61.1	62.1	62.5	63.3	63.0				
5-year	54.2	56.5	56.9	56.9	56.3	56.6	55.5	55.7	56.2	56.5	56.9	57.9	58.9	59.9	60.4	61.3					
6-year	52.5	54.6	55.1	55.3	54.7	54.9	53.8	54.0	54.5	54.6	55.0	56.4	57.3	58.4	58.5						
7-year	51.1	53.3	53.9	53.9	53.4	53.5	52.4	52.7	53.0	53.2	53.4	55.0	56.0	56.9							
8-year	50.2	52.3	53.0	53.0	52.3	52.3	51.5	51.5	51.8	52.1	52.2	53.9	54.9								
9-year	49.3	51.6	52.4	52.1	51.5	51.3	50.6	50.6	50.8	51.4	51.4	52.7									
10-year	48.7	50.8	51.6	51.5	50.8	50.7	49.7	49.8	49.9	50.8	50.5										
11-year	48.3	50.2	50.9	50.9	50.2	50.0	49.2	49.0	49.5	49.9											
12-year	47.5	49.8	50.5	50.3	49.6	49.4	48.7	48.4	48.9												
13-year	47.1	49.3	50.1	50.0	49.2	49.2	48.2	47.7													
14-year	46.8	48.9	49.8	49.7	48.9	48.7	47.8														
15-year	46.3	48.4	49.4	49.3	48.5	48.1															
16-year	46.0	48.1	48.9	49.1	48.1																
17-year	45.8	47.9	48.7	48.9																	
18-year	45.6	47.7	48.6																		
19-year	45.2	47.3																			
20-year	45.2																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Survival rates are relative rates expressed as percents.

Table II-12  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	277.5	289.0	287.2	290.1	288.6	287.4	290.3	293.2	297.9	296.7	302.4	307.4	315.9	317.1	328.6	325.6	329.1	339.8	356.4	364.2	350.4
Mortality																					
U.S.	127.3	127.1	125.5	126.4	125.9	125.7	125.0	125.5	124.4	124.8	124.7	125.2	124.8	124.5	123.5	123.3	123.7	123.3	123.3	122.1	121.9
SEER	127.2	129.7	127.9	127.3	126.6	125.2	125.0	124.4	124.0	124.8	123.8	123.2	124.7	122.2	120.6	120.9	122.1	118.1	120.3	118.8	117.6
Relative Survival Rates (SEER)																					
1-year	72.0	74.0	74.5	75.2	75.4	75.7	76.0	76.3	77.1	77.3	77.9	78.2	78.8	79.3	80.1	80.2	80.6	81.5	82.8	83.1	
2-year	62.7	65.1	65.9	66.3	66.8	67.1	67.1	67.8	68.8	68.7	69.5	69.9	71.0	71.4	72.7	72.9	73.5	74.5	76.1		
3-year	57.7	60.1	61.1	61.5	61.7	62.1	61.9	62.7	63.9	63.7	64.6	65.1	66.3	67.0	68.2	68.8	69.3	70.4			
4-year	54.2	56.6	57.8	58.3	58.4	58.7	58.5	59.3	60.2	60.5	61.3	61.9	63.0	64.0	65.3	66.1	66.3				
5-year	51.7	54.2	55.3	55.9	56.0	56.3	56.1	56.7	57.9	58.0	58.8	59.5	60.7	61.8	63.1	63.9					
6-year	49.8	52.3	53.3	54.0	54.3	54.5	54.3	54.8	56.1	56.0	56.8	57.8	59.0	60.1	61.3						
7-year	48.3	50.9	52.0	52.7	52.9	52.9	52.7	53.4	54.4	54.4	55.2	56.4	57.6	58.6							
8-year	47.3	49.8	50.9	51.5	51.6	51.7	51.7	52.1	53.2	53.3	53.8	55.2	56.4								
9-year	46.4	48.9	50.1	50.6	50.6	50.7	50.8	51.1	52.2	52.5	52.9	54.0									
10-year	45.7	48.1	49.1	49.8	49.9	49.8	49.9	50.3	51.2	51.9	52.0										
11-year	45.2	47.5	48.5	49.1	49.2	49.0	49.2	49.6	50.6	51.0											
12-year	44.5	47.0	48.0	48.6	48.6	48.5	48.6	48.9	49.9												
13-year	44.1	46.6	47.7	48.2	48.3	48.2	48.0	48.4													
14-year	43.8	46.1	47.4	47.9	47.8	47.8	47.8	47.5													
15-year	43.4	45.7	47.1	47.6	47.5	47.2															
16-year	43.1	45.4	46.7	47.3	47.0																
17-year	43.0	45.4	46.5	47.0																	
18-year	42.8	45.3	46.4																		
19-year	42.6	45.1																			
20-year	42.6																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Survival rates are relative rates expressed as percents.

Table II-13  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	291.9	298.1	302.4	310.5	312.9	313.7	320.2	324.6	329.5	328.3	337.5	339.0	347.1	352.4	369.9	367.9	376.4	396.3	432.4	451.7	425.7
Mortality																					
U.S.	142.9	143.7	142.6	143.8	143.6	144.1	144.5	144.9	143.4	144.3	145.0	144.8	145.0	144.9	144.3	144.4	145.5	145.6	145.5	144.8	144.5
SEER	143.1	146.9	146.1	144.7	143.2	144.7	145.0	143.8	140.9	143.8	143.8	143.2	144.6	142.5	139.4	140.7	140.9	139.2	140.6	141.1	138.6
Relative Survival Rates (SEER)																					
1-year	67.7	69.4	70.6	71.5	72.7	72.4	73.6	74.1	75.3	75.4	76.1	75.9	76.9	77.2	78.4	78.5	79.2	80.8	83.0	83.7	
2-year	57.3	59.6	61.1	61.5	63.1	63.1	64.3	65.1	66.7	66.2	67.2	66.8	68.3	68.6	70.4	70.5	71.6	73.2	76.2		
3-year	51.7	53.9	55.7	56.4	57.5	57.7	58.6	59.6	61.4	61.1	62.0	61.6	63.4	63.7	65.5	65.8	67.1	69.0			
4-year	47.9	50.0	52.1	52.9	54.0	54.1	54.8	55.9	57.4	57.3	58.4	58.2	59.8	60.3	62.3	62.7	63.7				
5-year	45.0	47.3	49.0	50.2	51.2	51.5	52.3	52.9	54.7	54.4	55.8	55.5	57.2	58.0	60.0	60.3					
6-year	42.6	45.2	46.6	48.0	49.2	49.6	50.3	50.9	52.8	52.1	53.7	53.6	55.4	55.9	58.1						
7-year	40.9	43.7	45.0	46.5	47.6	47.6	48.4	49.2	50.8	50.3	51.9	52.3	53.7	54.3							
8-year	39.5	42.2	43.5	45.0	46.0	46.3	47.1	47.9	49.7	49.1	50.3	50.8	52.3								
9-year	38.5	41.0	42.2	43.7	44.7	45.1	46.1	46.7	48.5	48.1	49.2	49.4									
10-year	37.3	39.9	40.9	42.5	43.9	43.7	45.1	45.7	47.5	47.4	48.2										
11-year	36.6	39.0	40.2	41.5	42.7	42.7	44.1	45.0	46.4	46.7											
12-year	36.0	38.2	39.3	40.9	42.1	42.1	43.2	44.3	45.5												
13-year	35.5	37.6	38.9	40.2	41.7	41.6	42.4	43.9													
14-year	34.8	36.9	38.5	39.8	41.0	41.2	41.5														
15-year	34.4	36.4	38.1	39.4	40.5	40.5															
16-year	33.9	36.2	37.6	38.8	39.9																
17-year	33.7	36.2	37.2	38.2																	
18-year	33.4	36.1	36.9																		
19-year	33.4	36.0																			
20-year	32.9																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Survival rates are relative rates expressed as percents.

Table II-14  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	275.3	291.9	286.0	284.5	279.7	277.1	277.5	278.8	283.3	282.2	284.9	293.1	301.6	299.4	306.7	302.9	301.7	306.0	307.5	305.4	298.4
Mortality																					
U.S.	118.1	117.4	115.5	116.2	115.6	115.0	113.5	114.1	113.4	113.5	112.7	113.7	112.9	112.5	111.3	110.8	110.6	110.0	110.0	108.5	108.1
SEER	118.3	119.9	117.5	117.4	117.1	114.0	113.4	113.3	114.5	114.2	112.2	111.3	113.0	110.1	109.7	109.2	111.2	105.3	108.4	104.9	104.7
Relative Survival Rates (SEER)																					
1-year	75.4	77.6	77.6	78.2	77.8	78.4	78.0	78.2	78.6	79.0	79.4	80.2	80.5	81.3	81.7	81.8	82.0	82.2	82.7	82.4	
2-year	67.1	69.4	69.6	70.2	69.8	70.4	69.5	70.2	70.7	70.9	71.5	72.6	73.3	74.0	74.8	75.2	75.4	75.7	76.0		
3-year	62.3	64.8	65.2	65.6	65.1	65.7	64.7	65.3	65.9	66.0	66.8	68.2	68.8	70.0	70.6	71.6	71.5	71.7			
4-year	59.1	61.4	62.1	62.5	61.9	62.5	61.6	62.2	62.5	63.2	63.8	65.1	65.8	67.3	68.0	69.2	68.8				
5-year	56.8	59.2	60.0	60.3	59.8	60.2	59.3	59.8	60.5	60.9	61.4	62.7	63.6	65.1	65.9	67.1					
6-year	55.1	57.3	58.2	58.6	58.2	58.4	57.5	58.0	58.8	59.1	59.4	61.2	62.0	63.6	64.0						
7-year	53.7	55.9	57.0	57.2	56.9	57.0	56.1	56.7	57.2	57.6	57.9	59.8	60.7	62.1							
8-year	52.7	54.9	56.1	56.3	55.8	55.8	55.2	55.5	56.0	56.5	56.6	58.6	59.5								
9-year	51.8	54.2	55.4	55.4	54.9	54.8	54.3	54.5	54.9	55.8	55.8	57.5									
10-year	51.2	53.4	54.6	54.8	54.2	54.1	53.5	53.7	54.0	55.2	54.9										
11-year	50.8	52.8	53.9	54.2	53.6	53.5	52.9	52.9	53.6	54.2											
12-year	50.0	52.4	53.5	53.6	53.0	53.0	52.4	52.3	53.1												
13-year	49.5	51.9	53.1	53.4	52.6	52.7	51.9	51.6													
14-year	49.2	51.4	52.8	53.0	52.2	52.2	51.5														
15-year	48.7	51.0	52.3	52.6	51.9	51.6															
16-year	48.4	50.6	51.9	52.4	51.5																
17-year	48.2	50.4	51.8	52.2																	
18-year	48.0	50.2	51.6																		
19-year	47.6	49.8																			
20-year	47.6																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Survival rates are relative rates expressed as percents.

Table II-15

## ALL SITES (Invasive)

## AGE-SPECIFIC CANCER SEER INCIDENCE RATES§ AND 21-YEAR TRENDS, 1973-93

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average	Rate <sup>⊕</sup>	% Change	EAPC	Average	Rate <sup>⊕</sup>	% Change	EAPC	Average	Rate <sup>⊕</sup>	% Change	EAPC
	1973-74	92-93	73-93	73-93	1973-74	92-93	73-93	73-93	1973-74	92-93	73-93	73-93
Males & Females	326.5	415.5	27.3	1.3★	326.7	413.5	26.6	1.3★	351.3	466.5	32.8	1.4★
0-54:	99.7	109.4	9.7	0.6★	98.6	108.3	9.8	0.7★	111.3	121.9	9.5	0.4★
0-14	12.9	13.9	8.3	0.8★	13.3	14.0	5.3	0.7★	10.3	12.6	21.7	1.3★
15-34	37.0	47.0	27.3	1.4★	36.9	48.2	30.5	1.6★	35.9	37.7	5.1	0.3
35-44	160.6	175.8	9.4	0.9★	157.6	174.1	10.5	1.0★	179.7	186.4	3.7	0.3
45-54	418.9	443.2	5.8	0.3★	413.2	434.1	5.0	0.3★	490.8	549.0	11.9	0.5★
55-64	872.5	1075.5	23.3	1.1★	877.2	1068.7	21.8	1.0★	945.6	1334.4	41.1	1.6★
65+:	1679.9	2315.1	37.8	1.7★	1686.8	2309.3	36.9	1.7★	1768.9	2488.4	40.7	1.8★
65-74	1469.9	2119.0	44.2	1.9★	1474.3	2124.9	44.1	1.9★	1611.0	2367.3	46.9	2.1★
75+	2022.2	2634.8	30.3	1.4★	2033.0	2609.9	28.4	1.4★	2026.3	2685.7	32.5	1.4★
Males	368.9	518.2	40.5	1.7★	368.9	508.6	37.9	1.6★	434.3	651.6	50.0	1.9★
0-54:	78.6	96.9	23.3	1.2★	76.9	95.1	23.7	1.3★	103.3	122.0	18.1	0.9★
0-14	14.2	14.8	3.7	0.8★	14.7	14.8	1.0	0.7★	10.3	13.6	31.6	1.6★
15-34	31.1	45.7	46.8	2.4★	31.9	47.5	48.9	2.6★	24.5	36.4	48.4	2.5★
35-44	103.5	141.5	36.8	2.1★	100.8	140.1	38.9	2.3★	134.6	161.9	20.3	1.2★
45-54	337.7	390.4	15.6	0.6★	324.9	374.0	15.1	0.6★	508.8	575.3	13.1	0.5★
55-64	898.0	1250.7	39.3	1.5★	892.7	1216.9	36.3	1.5★	1194.8	1821.0	52.4	1.8★
65+:	2259.1	3294.3	45.8	1.8★	2278.6	3243.6	42.3	1.8★	2444.0	3911.5	60.0	2.2★
65-74	1868.2	2926.9	56.7	2.1★	1879.4	2887.5	53.6	2.1★	2172.2	3707.7	70.7	2.5★
75+	2896.3	3893.0	34.4	1.5★	2929.3	3823.9	30.5	1.4★	2887.1	4243.7	47.0	1.9★
Females	302.7	344.2	13.7	0.9★	304.6	348.4	14.4	0.9★	286.1	338.6	18.3	1.0★
0-54:	120.0	121.5	1.3	0.2★	119.7	121.4	1.4	0.3★	118.1	121.8	3.2	0.1
0-14	11.4	13.0	14.3	0.9★	11.8	13.1	10.9	0.8★	10.4	11.6	11.7	1.1★
15-34	42.7	48.4	13.4	0.5★	42.0	48.9	16.5	0.7★	45.9	39.0	-15.2	-1.0★
35-44	216.0	209.4	-3.1	0.2	213.5	208.1	-2.5	0.3★	218.8	207.6	-5.1	-0.1
45-54	496.0	494.6	-0.3	0.1	497.6	493.9	-0.8	0.2	474.1	526.9	11.1	0.4★
55-64	849.6	916.6	7.9	0.6★	863.9	931.1	7.8	0.6★	720.4	946.9	31.4	1.5★
65+:	1294.2	1640.6	26.8	1.5★	1302.8	1670.3	28.2	1.5★	1261.8	1552.4	23.0	1.4★
65-74	1161.3	1475.7	27.1	1.5★	1169.3	1514.1	29.5	1.6★	1134.1	1389.8	22.6	1.7★
75+	1510.8	1909.4	26.4	1.4★	1520.3	1924.8	26.6	1.4★	1469.9	1817.3	23.6	1.1★

The EAPC is the Estimated Annual Percent Change over the time interval.

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

⊕ The Average Rate is the Average Annual Rate over the specified two-year period.

★ The EAPC is significantly different from zero ( $p < .05$ ).

- Statistic could not be calculated.

Table II-16

## ALL SITES (Invasive)

AGE-SPECIFIC CANCER U.S. MORTALITY RATES<sup>δ</sup> AND 21-YEAR TRENDS, 1973-93

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average 1973-74	Rate <sup>⊕</sup> 92-93	% Change 73-93	EAPC 73-93	Average 1973-74	Rate <sup>⊕</sup> 92-93	% Change 73-93	EAPC 73-93	Average 1973-74	Rate <sup>⊕</sup> 92-93	% Change 73-93	EAPC 73-93
Males & Females	162.6	172.1	5.8	0.3★	159.9	168.4	5.3	0.3★	196.8	225.6	14.6	0.8★
0-54:	39.0	31.4	-19.4	-1.1★	37.3	29.9	-20.0	-1.1★	56.9	48.2	-15.2	-0.8★
0-14	5.4	3.0	-44.4	-3.0★	5.5	3.1	-44.3	-3.0★	4.8	2.7	-43.7	-2.8★
15-34	10.4	7.7	-25.7	-1.5★	10.3	7.5	-27.2	-1.6★	11.5	9.7	-15.9	-0.8★
35-44	56.0	43.0	-23.2	-1.3★	53.2	40.4	-24.0	-1.3★	83.0	66.7	-19.7	-1.0★
45-54	180.3	152.5	-15.4	-0.9★	171.1	144.3	-15.7	-0.9★	278.7	243.6	-12.6	-0.7★
55-64	425.7	429.6	0.9	0.2★	414.3	416.9	0.6	0.2★	564.8	601.9	6.6	0.5★
65+:	932.3	1086.7	16.6	0.8★	928.9	1074.0	15.6	0.8★	1003.3	1331.8	32.7	1.6★
65-74	764.9	869.4	13.7	0.7★	754.5	856.0	13.5	0.7★	911.3	1119.2	22.8	1.3★
75+	1205.1	1440.9	19.6	0.9★	1213.3	1429.3	17.8	0.8★	1153.3	1678.4	45.5	2.0★
Males	206.6	217.4	5.2	0.3★	202.7	210.7	4.0	0.2★	259.2	313.2	20.9	1.1★
0-54:	39.3	31.7	-19.4	-1.1★	37.3	29.7	-20.3	-1.2★	62.4	53.9	-13.7	-0.8★
0-14	6.0	3.3	-45.1	-3.1★	6.2	3.4	-44.9	-3.1★	5.2	2.8	-46.9	-2.9★
15-34	11.2	8.1	-27.6	-1.7★	11.3	8.0	-29.4	-1.8★	10.9	9.6	-12.5	-0.7★
35-44	50.1	39.3	-21.5	-1.2★	47.5	36.8	-22.6	-1.3★	76.9	63.6	-17.3	-1.1★
45-54	185.0	156.3	-15.5	-0.9★	172.3	144.8	-16.0	-0.9★	324.6	286.8	-11.6	-0.7★
55-64	510.9	503.9	-1.4	0.1	492.5	481.3	-2.3	0.0	738.6	798.3	8.1	0.5★
65+:	1296.1	1474.7	13.8	0.7★	1290.6	1444.6	11.9	0.6★	1428.3	1990.5	39.4	1.9★
65-74	1033.7	1107.6	7.1	0.4★	1018.6	1078.2	5.9	0.3★	1251.9	1584.2	26.6	1.4★
75+	1723.7	2073.1	20.3	1.0★	1733.9	2041.8	17.8	0.8★	1715.8	2652.7	54.6	2.4★
Females	131.5	141.6	7.6	0.5★	130.1	140.0	7.7	0.5★	149.8	169.2	12.9	0.8★
0-54:	38.7	31.2	-19.4	-1.0★	37.4	30.0	-19.7	-1.1★	52.1	43.6	-16.4	-0.8★
0-14	4.7	2.7	-43.7	-2.8★	4.8	2.7	-43.6	-2.8★	4.4	2.6	-39.8	-2.5★
15-34	9.6	7.4	-23.6	-1.4★	9.4	7.1	-24.6	-1.5★	11.9	9.7	-18.5	-0.8★
35-44	61.7	46.6	-24.5	-1.3★	58.7	44.0	-25.0	-1.3★	88.1	69.3	-21.3	-0.9★
45-54	175.9	148.8	-15.4	-0.8★	170.1	143.8	-15.5	-0.8★	240.0	208.1	-13.3	-0.7★
55-64	350.7	363.1	3.5	0.3★	345.2	358.1	3.7	0.3★	420.6	450.9	7.2	0.6★
65+:	690.3	841.9	22.0	1.1★	691.1	840.2	21.6	1.1★	700.3	938.7	34.0	1.6★
65-74	559.7	682.3	21.9	1.2★	554.0	679.5	22.6	1.2★	647.3	793.7	22.6	1.4★
75+	903.3	1102.2	22.0	1.0★	914.5	1102.3	20.5	1.0★	786.7	1175.0	49.4	2.0★

The EAPC is the Estimated Annual Percent Change over the time interval.

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

<sup>⊕</sup> The Average Rate is the Average Annual Rate over the specified two-year period.

★ The EAPC is significantly different from zero ( $p < .05$ ).

- Statistic could not be calculated.



Table II-17

## ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

## AGE-SPECIFIC CANCER SEER INCIDENCE RATES§ AND 21-YEAR TRENDS, 1973-93

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average 1973-74	Rate⊕ 92-93	% Change 73-93	EAPC 73-93	Average 1973-74	Rate⊕ 92-93	% Change 73-93	EAPC 73-93	Average 1973-74	Rate⊕ 92-93	% Change 73-93	EAPC 73-93
Males & Females	283.3	357.3	26.1	1.2★	284.2	355.7	25.1	1.3★	292.4	388.1	32.7	1.4★
0-54:	89.2	100.2	12.3	0.8★	88.7	99.8	12.5	0.9★	93.1	104.5	12.3	0.6★
0-14	12.8	13.9	8.5	0.8★	13.3	14.0	5.3	0.7★	10.2	12.6	23.0	1.4★
15-34	36.3	46.4	27.8	1.4★	36.3	47.6	31.1	1.6★	35.1	36.4	3.8	0.2
35-44	146.8	166.7	13.5	1.1★	144.6	165.9	14.8	1.2★	158.4	168.4	6.4	0.6★
45-54	360.2	389.4	8.1	0.5★	357.6	384.0	7.4	0.5★	385.7	447.4	16.0	0.7★
55-64	727.4	897.0	23.3	1.0★	734.1	891.5	21.5	1.0★	740.6	1080.2	45.8	1.6★
65+:	1462.9	1965.4	34.4	1.6★	1470.7	1957.3	33.1	1.5★	1511.6	2072.5	37.1	1.6★
65-74	1242.7	1769.3	42.4	1.8★	1247.5	1773.3	42.1	1.9★	1327.7	1913.7	44.1	1.9★
75+	1821.7	2285.0	25.4	1.2★	1834.4	2257.1	23.0	1.2★	1811.3	2331.4	28.7	1.2★
Males	295.0	438.7	48.7	2.0★	295.7	431.3	45.9	1.9★	330.9	530.1	60.2	2.1★
0-54:	64.0	86.3	34.8	1.7★	63.2	85.8	35.8	1.8★	75.4	97.4	29.3	1.5★
0-14	14.2	14.7	3.5	0.8★	14.7	14.8	0.7	0.7★	10.3	13.6	31.6	1.7★
15-34	30.4	45.0	48.2	2.5★	31.2	46.9	50.2	2.6★	23.0	35.0	52.1	2.7★
35-44	86.1	130.6	51.7	2.7★	84.7	130.7	54.2	2.9★	104.6	136.7	30.7	2.0★
45-54	253.6	328.0	29.3	1.2★	245.8	319.4	30.0	1.3★	344.6	429.6	24.7	1.1★
55-64	670.1	1026.5	53.2	2.0★	668.7	1001.5	49.8	1.9★	841.7	1445.4	71.7	2.2★
65+:	1842.0	2784.2	51.2	2.0★	1856.7	2736.7	47.4	2.0★	1952.9	3230.9	65.4	2.3★
65-74	1453.0	2444.7	68.3	2.5★	1458.8	2412.8	65.4	2.5★	1642.3	2995.1	82.4	2.7★
75+	2476.0	3337.7	34.8	1.5★	2505.3	3264.6	30.3	1.4★	2459.0	3615.2	47.0	1.8★
Females	283.6	301.9	6.4	0.5★	285.8	304.9	6.7	0.6★	264.8	291.4	10.0	0.6★
0-54:	113.4	113.8	0.4	0.2	113.4	113.8	0.4	0.3★	108.7	110.7	1.8	0.1
0-14	11.3	13.0	15.0	0.9★	11.8	13.1	11.4	0.8★	10.1	11.6	14.1	1.1★
15-34	42.1	47.8	13.4	0.5★	41.3	48.3	16.7	0.7★	45.7	37.8	-17.4	-1.1★
35-44	205.7	202.0	-1.8	0.3★	203.5	201.2	-1.1	0.4★	205.1	195.9	-4.5	-0.1
45-54	461.5	449.1	-2.7	0.0	464.3	448.4	-3.4	0.0	422.6	463.1	9.6	0.3
55-64	781.1	779.7	-0.2	0.1	794.9	789.4	-0.7	0.1	649.7	789.5	21.5	1.0★
65+:	1218.6	1401.4	15.0	0.9★	1228.5	1423.6	15.9	1.0★	1187.7	1311.2	10.4	0.9★
65-74	1081.5	1231.7	13.9	1.0★	1090.1	1261.4	15.7	1.0★	1061.4	1123.9	5.9	1.0★
75+	1441.9	1677.9	16.4	0.9★	1454.0	1688.0	16.1	0.9★	1393.5	1616.5	16.0	0.7★

The EAPC is the Estimated Annual Percent Change over the time interval.

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

⊕ The Average Rate is the Average Annual Rate over the specified two-year period.

★ The EAPC is significantly different from zero ( $p < .05$ ).

- Statistic could not be calculated.

Table II-18

## ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AGE-SPECIFIC CANCER U.S. MORTALITY RATES $\delta$  AND 21-YEAR TRENDS, 1973-93

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average 1973-74	Rate $\oplus$ 92-93	% Change 73-93	EAPC 73-93	Average 1973-74	Rate $\oplus$ 92-93	% Change 73-93	EAPC 73-93	Average 1973-74	Rate $\oplus$ 92-93	% Change 73-93	EAPC 73-93
Males & Females	127.2	122.0	-4.1	-0.2★	125.0	118.8	-4.9	-0.2★	155.1	164.4	6.0	0.4★
0-54:	30.7	24.3	-20.8	-1.2★	29.5	23.1	-21.7	-1.2★	43.2	36.5	-15.5	-0.8★
0-14	5.4	3.0	-44.5	-3.0★	5.5	3.1	-44.3	-3.0★	4.8	2.7	-43.8	-2.8★
15-34	10.0	7.5	-25.6	-1.5★	10.0	7.3	-27.0	-1.6★	11.0	9.2	-16.5	-0.8★
35-44	45.3	36.3	-20.0	-1.0★	43.2	34.3	-20.6	-1.0★	65.8	54.6	-17.0	-0.8★
45-54	133.0	109.4	-17.8	-1.0★	126.7	103.2	-18.5	-1.0★	200.3	173.8	-13.2	-0.7★
55-64	306.7	278.4	-9.2	-0.4★	297.4	267.9	-9.9	-0.4★	415.6	403.1	-3.0	-0.1
65+:	752.4	778.6	3.5	0.2★	747.7	765.6	2.4	0.1★	831.8	991.9	19.3	1.0★
65-74	580.4	576.1	-0.7	0.0	569.0	563.2	-1.0	0.0	726.8	776.1	6.8	0.5★
75+	1032.7	1108.7	7.4	0.3★	1038.9	1095.4	5.4	0.2★	1002.9	1343.6	34.0	1.5★
Males	143.3	144.7	0.9	0.1★	140.3	139.9	-0.3	0.0	182.3	210.6	15.5	0.8★
0-54:	26.9	22.7	-15.6	-0.9★	25.8	21.5	-16.8	-0.9★	39.4	36.2	-8.1	-0.4★
0-14	6.0	3.3	-45.0	-3.1★	6.2	3.4	-44.9	-3.1★	5.2	2.8	-46.7	-2.9★
15-34	10.7	7.8	-27.3	-1.6★	10.9	7.7	-29.0	-1.8★	10.1	8.9	-12.0	-0.6★
35-44	35.1	31.1	-11.3	-0.5★	33.7	29.6	-12.3	-0.6★	49.7	46.5	-6.5	-0.4★
45-54	113.0	101.6	-10.1	-0.6★	105.8	94.3	-10.9	-0.6★	190.8	180.5	-5.4	-0.3★
55-64	312.2	299.5	-4.1	-0.1★	299.1	284.4	-4.9	-0.1★	465.6	482.2	3.6	0.2★
65+:	941.7	1001.2	6.3	0.3★	932.4	976.8	4.8	0.2★	1091.8	1389.4	27.3	1.3★
65-74	683.2	685.5	0.3	0.0★	665.9	663.8	-0.3	0.0	896.1	1009.0	12.6	0.8★
75+	1362.9	1515.8	11.2	0.5★	1366.6	1486.9	8.8	0.4★	1410.8	2009.4	42.4	1.9★
Females	117.8	108.3	-8.0	-0.4★	116.3	106.2	-8.6	-0.4★	135.9	136.3	0.3	0.1★
0-54:	34.2	25.8	-24.5	-1.4★	33.0	24.7	-25.1	-1.4★	46.3	36.7	-20.6	-1.1★
0-14	4.7	2.6	-43.8	-2.8★	4.8	2.7	-43.6	-2.8★	4.4	2.6	-40.4	-2.6★
15-34	9.3	7.1	-23.8	-1.4★	9.1	6.8	-24.7	-1.5★	11.6	9.3	-19.8	-0.9★
35-44	55.2	41.3	-25.1	-1.3★	52.4	39.0	-25.6	-1.3★	79.2	61.6	-22.2	-0.9★
45-54	151.6	116.8	-22.9	-1.3★	146.4	111.9	-23.5	-1.3★	208.3	168.4	-19.2	-1.1★
55-64	302.1	259.6	-14.1	-0.7★	296.2	252.8	-14.6	-0.7★	374.3	342.3	-8.5	-0.3★
65+:	632.2	644.7	2.0	0.1★	632.2	638.8	1.0	0.1★	650.1	762.2	17.3	0.9★
65-74	502.5	490.4	-2.4	0.0	496.1	483.6	-2.5	-0.1	595.7	613.7	3.0	0.4★
75+	843.5	896.1	6.2	0.3★	854.0	891.8	4.4	0.2★	738.7	1004.3	36.0	1.5★

The EAPC is the Estimated Annual Percent Change over the time interval.

$\delta$  NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Each rate has been age-adjusted by 5-year age groups.

$\oplus$  The Average Rate is the Average Annual Rate over the specified two-year period.

★ The EAPC is significantly different from zero ( $p < .05$ ).

- Statistic could not be calculated.

Table II-19

TOTAL DEATHS FROM ALL CAUSES AND TOTAL DEATHS ATTRIBUTED TO  
ACQUIRED IMMUNE DEFICIENCY SYNDROME<sup>⊕</sup> BY SITE AND SEX

All Cancers Diagnosed Between 1973-93, All Deaths Occurred Between 1983-93

Surveillance, Epidemiology and End Results Programs

All Races and All Ages

Diagnosed Cancer Site	Males			Females		
	Total Deaths	Total AIDS Deaths	Percent AIDS Deaths	Total Deaths	Total AIDS Deaths	Percent AIDS Deaths
Oral cavity & Pharynx	13,532	366	2.70	5,466	1	0.02
Digestive system	79,892	143	0.18	69,374	6	0.01
Respiratory system	89,243	121	0.14	45,592	7	0.02
Bone & Joint	627	1	0.16	404	0	0.00
Soft tissue (incl heart)	1,697	52	3.06	1,244	2	0.16
Skin (ex basal & squamous)	11,707	4,308	36.80	3,644	16	0.44
Breast	556	1	0.18	65,256	11	0.02
Female genital system	-	-	-	35,481	14	0.04
Cervix uteri	-	-	-	6,168	8	0.13
Corpus & Uterus, NOS	-	-	-	14,068	3	0.02
Ovary	-	-	-	12,822	1	0.01
Vagina	-	-	-	530	0	0.00
Vulva	-	-	-	1,380	2	0.14
Male genital system	67,695	81	0.12	-	-	-
Prostate	66,135	16	0.02	-	-	-
Testis	851	25	2.94	-	-	-
Penis	567	31	5.47	-	-	-
Urinary system	27,136	13	0.05	11,344	0	0.00
Eye & Orbit	529	2	0.38	404	0	0.00
Brain & Other nervous	6,732	6	0.09	5,169	0	0.00
Endocrine system	1,327	5	0.38	1,748	1	0.06
Lymphomas	14,931	1,420	9.51	11,359	58	0.51
Non-Hodgkin's lymphomas	13,119	1,369	10.44	10,291	53	0.52
Multiple myeloma	5,122	8	0.16	4,814	0	0.00
Leukemias	12,062	12	0.10	9,030	2	0.02
Miscellaneous	12,223	43	0.35	12,919	6	0.05
All Sites	345,011	6,582	1.91	283,248	124	0.04

⊕ All deaths were coded using the International Classification of Diseases, 9th Revision. Deaths attributed to Acquired Immune Deficiency Syndrome (AIDS) were those coded 042.0 - 044.9 (the code for Human Immunodeficiency Virus (HIV) Infection beginning in 1986), 279.1 (the temporary HIV code from 1983-86) and 795.8 (the code for serologic or viral culture findings for HIV, although not a code generally associated with cause of death it is, on rare occasions, used).

§ SEER Program. Diagnosed cancer cases and deaths are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland.

Table II-20

TOTAL DEATHS FROM ALL CAUSES AND TOTAL DEATHS ATTRIBUTED TO  
ACQUIRED IMMUNE DEFICIENCY SYNDROME<sup>⊕</sup> BY SITE AND AGE

All Cancers Diagnosed Between 1973-93, All Deaths Occurred Between 1983-93

Surveillance, Epidemiology and End Results Programs<sup>§</sup>

All Races, Males

Diagnosed Cancer Site	Under 35 Years			Under 45 Years			Under 55 Years		
	Total Deaths	Total AIDS Deaths	Percent AIDS Deaths	Total Deaths	Total AIDS Deaths	Percent AIDS Deaths	Total Deaths	Total AIDS Deaths	Percent AIDS Deaths
Oral cavity & Pharynx	359	155	43.18	1,101	307	27.88	3,212	356	11.08
Digestive system	749	51	6.81	2,970	98	3.30	9,479	122	1.29
Respiratory system	346	45	13.01	2,429	92	3.79	11,509	117	1.02
Bone & Joint	276	0	0.00	324	0	0.00	376	1	0.27
Soft tissue (incl heart)	317	20	6.31	489	38	7.77	666	49	7.36
Skin (ex basal & squamous)	2,632	1,570	59.65	5,838	3,569	61.13	7,399	4,162	56.25
Breast	2	1	50.00	26	1	3.85	71	1	1.41
Male genital system	427	27	6.32	702	56	7.98	1,903	65	3.42
Prostate	11	0	0.00	79	0	0.00	1,115	0	0.00
Testis	395	17	4.30	557	24	4.31	665	25	3.76
Penis	14	7	50.00	50	24	48.00	101	31	30.69
Urinary system	162	0	0.00	611	5	0.82	2,500	10	0.40
Eye & Orbit	33	0	0.00	62	1	1.61	129	2	1.55
Brain & Other nervous	1,096	3	0.27	1,776	6	0.34	2,763	6	0.22
Endocrine system	180	3	1.67	292	5	1.71	476	5	1.05
Lymphomas	1,801	458	25.43	3,488	1,027	29.44	5,342	1,324	24.78
Non-Hodgkin's lymphomas	1,193	434	36.38	2,663	986	37.03	4,276	1,275	29.82
Multiple myeloma	23	0	0.00	184	3	1.63	625	4	0.64
Leukemias	1,337	5	0.37	1,957	10	0.51	2,995	11	0.37
Miscellaneous	202	20	9.90	641	31	4.84	1,655	35	2.11
All Sites	9,942	2,358	23.72	22,890	5,249	22.93	51,100	6,270	12.27

<sup>⊕</sup> All deaths were coded using the International Classification of Diseases, 9th Revision. Deaths attributed to Acquired Immune Deficiency Syndrome (AIDS) were those coded 042.0 - 044.9 (the code for Human Immunodeficiency Virus (HIV) Infection beginning in 1986), 279.1 (the temporary HIV code from 1983-86) and 795.8 (the code for serologic or viral culture findings for HIV, although not a code generally associated with cause of death it is, on rare occasions, used).

<sup>§</sup> SEER Program. Diagnosed cancer cases and deaths are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland.

Table II-21  
5-YEAR RELATIVE SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

ALL SITES (Invasive)

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>AGES &lt;35</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	67.9	60.7	73.5	68.7	61.7	74.4	61.2	52.2	66.6
1977-79 <sup>b</sup>	71.3	65.1	76.1	72.1	66.6	76.7	64.0	49.7	71.3
1980-82 <sup>b</sup>	73.1	69.3	76.3	74.4	70.9	77.3	63.3	55.8	68.1
1983-85 <sup>b</sup>	71.9	65.7	77.4	73.3	67.3	79.0	58.9	50.2	65.0
1986-92 <sup>b</sup>	70.4Ω	61.6	79.4Ω	72.2Ω	63.6Ω	81.3Ω	54.0Ω	42.8Ω	63.0
<u>AGES &lt;45</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	65.8	57.1	71.2	67.0	59.0	72.1	55.2	41.0	62.9
1977-79 <sup>b</sup>	67.9	60.2	73.0	69.6	62.8	74.1	55.4	38.9	64.3
1980-82 <sup>b</sup>	69.5	63.1	73.8	71.1	65.6	74.8	56.7	43.2	64.9
1983-85 <sup>b</sup>	68.5	59.9	74.7	70.4	62.0	76.5	53.6	41.8	60.5
1986-92 <sup>b</sup>	67.0Ω	54.6Ω	76.9Ω	68.9Ω	56.8Ω	78.9Ω	51.0Ω	36.4	61.4
<u>AGES &lt;55</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	59.5	47.3	67.2	61.0	49.2	68.4	45.4	31.9	55.0
1977-79 <sup>b</sup>	60.1	49.1	67.7	62.0	51.7	69.0	44.7	30.5	55.4
1980-82 <sup>b</sup>	61.8	52.7	68.4	63.6	55.3	69.4	46.9	33.8	57.2
1983-85 <sup>b</sup>	63.1	53.1	70.3	65.1	55.6	72.0	46.7	34.9	55.8
1986-92 <sup>b</sup>	63.7Ω	51.3Ω	73.1Ω	65.8Ω	53.9Ω	74.9Ω	46.8Ω	33.4	57.8Ω

ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>AGES &lt;35</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	68.2	61.1	73.8	69.0	62.0	74.7	61.2	52.2	66.6
1977-79 <sup>b</sup>	71.7	65.6	76.4	72.5	66.9	77.0	64.9	51.3	71.6
1980-82 <sup>b</sup>	73.4	69.6	76.6	74.7	71.2	77.6	63.6	55.8	68.5
1983-85 <sup>b</sup>	72.2	66.1	77.8	73.6	67.5	79.3	59.6	51.2	65.4
1986-92 <sup>b</sup>	70.8Ω	62.0	79.7Ω	72.5Ω	63.9Ω	81.6Ω	54.9Ω	43.9Ω	63.7
<u>AGES &lt;45</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	68.1	60.2	72.8	69.2	61.8	73.7	58.6	45.0	65.1
1977-79 <sup>b</sup>	70.4	63.6	74.6	71.8	65.7	75.7	58.8	44.2	65.7
1980-82 <sup>b</sup>	71.9	66.3	75.5	73.4	68.5	76.6	60.1	47.8	66.8
1983-85 <sup>b</sup>	70.7	62.7	76.3	72.3	64.5	78.0	56.8	46.1	62.7
1986-92 <sup>b</sup>	68.7	56.4Ω	78.3Ω	70.4Ω	58.3Ω	80.2Ω	53.7Ω	39.4Ω	63.2
<u>AGES &lt;55</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	64.7	54.8	70.2	66.1	56.6	71.4	51.4	38.9	58.5
1977-79 <sup>b</sup>	65.6	56.7	71.0	67.3	59.1	72.2	51.0	38.1	59.0
1980-82 <sup>b</sup>	67.3	60.0	71.9	69.0	62.6	73.1	52.7	40.6	60.6
1983-85 <sup>b</sup>	68.0	59.5	73.6	69.8	61.6	75.3	53.0	42.4	59.7
1986-92 <sup>b</sup>	68.0Ω	56.2Ω	76.4Ω	69.8Ω	58.4Ω	78.2Ω	52.3	39.3	61.7Ω

<sup>b</sup> Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1993.

Ω The difference in rates between 1974-76 and 1986-92 is statistically significant (p<.05).

† The standard error of the survival rate is between 5 and 10 percentage points.

↑ The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated.

Table II-22  
ALL SITES (Invasive)

Percent Diagnosed With Cancer In 10, 20 and 30 Years and In Remaining Lifetime,  
 Given Cancer Free At Current Age By Race and Sex

Lifetime Risk (Percent) of Being Diagnosed With Cancer and  
 Lifetime Risk (Percent) of Dying From Cancer

SEER Areas, 1991-93

All Races

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.16	0.33	0.77	48.17	0.15	0.30	0.77	38.33
10	0.17	0.61	1.57	48.65	0.16	0.63	1.84	38.60
20	0.45	1.41	3.37	48.91	0.47	1.68	4.73	38.60
30	0.98	2.99	8.98	49.46	1.22	4.30	10.16	38.49
40	2.07	8.27	22.67	50.17	3.13	9.12	18.26	38.00
50	6.56	21.79	39.80	50.87	6.25	15.80	26.75	36.43
60	17.31	37.79	48.41	50.38	10.48	22.48	30.71	33.09

Lifetime Risk of Being Diagnosed = 48.17%      Lifetime Risk of Being Diagnosed = 38.33%  
 Lifetime Risk of Dying = 23.77%              Lifetime Risk of Dying = 20.66%

Whites

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.17	0.34	0.81	48.35	0.15	0.31	0.79	39.08
10	0.18	0.65	1.62	48.72	0.17	0.65	1.86	39.27
20	0.47	1.46	3.38	48.91	0.48	1.70	4.75	39.27
30	1.00	2.96	8.80	49.31	1.23	4.31	10.23	39.13
40	2.02	8.04	22.43	49.84	3.13	9.16	18.56	38.59
50	6.34	21.49	39.48	50.33	6.28	16.08	27.28	36.95
60	17.09	37.38	47.81	49.62	10.71	22.95	31.22	33.52

Lifetime Risk of Being Diagnosed = 48.35%      Lifetime Risk of Being Diagnosed = 39.08%  
 Lifetime Risk of Dying = 24.01%              Lifetime Risk of Dying = 21.04%

Blacks

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.13	0.25	0.56	42.37	0.12	0.25	0.61	32.28
10	0.12	0.44	1.32	43.41	0.13	0.50	1.56	32.87
20	0.32	1.22	3.61	44.02	0.37	1.44	4.57	32.90
30	0.94	3.43	11.31	45.57	1.08	4.26	9.99	32.96
40	2.67	11.08	26.05	47.66	3.27	9.17	17.30	32.84
50	9.42	26.19	42.06	50.41	6.32	15.00	23.77	31.64
60	21.21	41.28	49.64	51.84	9.90	19.90	26.24	28.87

Lifetime Risk of Being Diagnosed = 42.37%      Lifetime Risk of Being Diagnosed = 32.28%  
 Lifetime Risk of Dying = 23.42%              Lifetime Risk of Dying = 19.79%

Table II-23  
ALL SITES (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	172.8	0.11							
High Five States									
District of Columbia	220.6 <sup>⊕*</sup>	2.56	(01)	27.7					
Delaware	195.3 <sup>⊕*</sup>	2.27	(02)	13.0					
Louisiana	194.4 <sup>⊕*</sup>	0.94	(03)	12.5					
Kentucky	192.5 <sup>⊕*</sup>	0.95	(04)	11.4					
Maryland	190.3 <sup>⊕*</sup>	0.87	(05)	10.1					
Low Five States									
Idaho	149.2 <sup>⊕*</sup>	1.62	(47)	-13.7					
Colorado	147.4 <sup>⊕*</sup>	0.94	(48)	-14.7					
New Mexico	146.3 <sup>⊕*</sup>	1.35	(49)	-15.3					
Hawaii	136.9 <sup>⊕*</sup>	1.51	(50)	-20.8					
Utah	125.9 <sup>⊕*</sup>	1.30	(51)	-27.1					
Alabama	179.2 <sup>⊕</sup>	0.87	(19)	3.7	Montana	162.2 <sup>⊕*</sup>	1.83	(38)	-6.1
Alaska	171.1	3.66	(29)	-1.0	Nebraska	157.1 <sup>⊕*</sup>	1.29	(43)	-9.1
Arizona	158.9 <sup>⊕*</sup>	0.86	(40)	-8.0	Nevada	183.6 <sup>⊕*</sup>	1.68	(09)	6.3
Arkansas	180.2 <sup>⊕</sup>	1.10	(15)	4.3	New Hampshire	182.1 <sup>⊕*</sup>	1.76	(10)	5.4
California	162.4 <sup>⊕*</sup>	0.33	(37)	-6.0	New Jersey	184.3 <sup>⊕*</sup>	0.62	(07)	6.7
Colorado	147.4 <sup>⊕*</sup>	0.94	(48)	-14.7	New Mexico	146.3 <sup>⊕*</sup>	1.35	(49)	-15.3
Connecticut	166.4 <sup>⊕</sup>	0.91	(34)	-3.7	New York	172.5	0.40	(28)	-0.2
Delaware	195.3 <sup>⊕*</sup>	2.27	(02)	13.0	North Carolina	174.7	0.68	(27)	1.1
District of Columbia	220.6 <sup>⊕*</sup>	2.56	(01)	27.7	North Dakota	157.2 <sup>⊕*</sup>	2.02	(42)	-9.0
Florida	167.5 <sup>⊕</sup>	0.43	(33)	-3.1	Ohio	180.6 <sup>⊕</sup>	0.53	(13)	4.5
Georgia	176.6 <sup>⊕</sup>	0.74	(25)	2.2	Oklahoma	170.3	0.95	(30)	-1.4
Hawaii	136.9 <sup>⊕*</sup>	1.51	(50)	-20.8	Oregon	167.6 <sup>⊕</sup>	0.98	(32)	-3.0
Idaho	149.2 <sup>⊕*</sup>	1.62	(47)	-13.7	Pennsylvania	179.2 <sup>⊕</sup>	0.48	(17)	3.7
Illinois	180.5 <sup>⊕</sup>	0.53	(14)	4.5	Rhode Island	178.8	1.70	(20)	3.5
Indiana	178.0 <sup>⊕</sup>	0.74	(22)	3.0	South Carolina	178.2 <sup>⊕</sup>	0.97	(21)	3.1
Iowa	159.3 <sup>⊕*</sup>	0.94	(39)	-7.8	South Dakota	155.4 <sup>⊕*</sup>	1.91	(45)	-10.1
Kansas	158.8 <sup>⊕*</sup>	1.04	(41)	-8.1	Tennessee	179.2 <sup>⊕</sup>	0.79	(18)	3.7
Kentucky	192.5 <sup>⊕*</sup>	0.95	(04)	11.4	Texas	170.1 <sup>⊕</sup>	0.45	(31)	-1.6
Louisiana	194.4 <sup>⊕*</sup>	0.94	(03)	12.5	Utah	125.9 <sup>⊕*</sup>	1.30	(51)	-27.1
Maine	185.9 <sup>⊕*</sup>	1.59	(06)	7.6	Vermont	175.1	2.39	(26)	1.3
Maryland	190.3 <sup>⊕*</sup>	0.87	(05)	10.1	Virginia	179.4 <sup>⊕</sup>	0.74	(16)	3.8
Massachusetts	180.6 <sup>⊕</sup>	0.71	(12)	4.5	Washington	165.4 <sup>⊕</sup>	0.78	(36)	-4.3
Michigan	177.3 <sup>⊕</sup>	0.59	(24)	2.6	West Virginia	183.7 <sup>⊕*</sup>	1.25	(08)	6.3
Minnesota	156.4 <sup>⊕*</sup>	0.80	(44)	-9.5	Wisconsin	165.6 <sup>⊕</sup>	0.76	(35)	-4.2
Mississippi	180.9 <sup>⊕</sup>	1.12	(11)	4.7	Wyoming	153.9 <sup>⊕*</sup>	2.56	(46)	-10.9
Missouri	177.4 <sup>⊕</sup>	0.76	(23)	2.7					

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

\* Absolute difference between state rate and total U.S. rate is 5% or more.

⊕ Difference between state rate and total U.S. rate is statistically significant (p&lt;=.0002).

Table II-24  
ALL SITES (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	219.1	0.19							
High Five States									
District of Columbia	299.3 <sup>⊕*</sup>	4.69	(01)	36.6					
Louisiana	261.8 <sup>⊕*</sup>	1.68	(02)	19.5					
Kentucky	252.2 <sup>⊕*</sup>	1.66	(03)	15.1					
Mississippi	250.2 <sup>⊕*</sup>	2.02	(04)	14.2					
Delaware	249.9 <sup>⊕*</sup>	3.96	(05)	14.1					
Low Five States									
Colorado	182.2 <sup>⊕*</sup>	1.61	(47)	-16.8					
Idaho	181.5 <sup>⊕*</sup>	2.65	(48)	-17.2					
New Mexico	178.8 <sup>⊕*</sup>	2.25	(49)	-18.4					
Hawaii	166.2 <sup>⊕*</sup>	2.42	(50)	-24.1					
Utah	152.8 <sup>⊕*</sup>	2.15	(51)	-30.3					
Alabama	242.8 <sup>⊕*</sup>	1.56	(08)	10.8	Montana	198.7 <sup>⊕*</sup>	2.99	(40)	-9.3
Alaska	199.7 <sup>*</sup>	5.96	(38)	-8.9	Nebraska	199.6 <sup>⊕*</sup>	2.17	(39)	-8.9
Arizona	195.8 <sup>⊕*</sup>	1.43	(42)	-10.6	Nevada	222.9	2.79	(26)	1.7
Arkansas	239.6 <sup>⊕*</sup>	1.91	(11)	9.4	New Hampshire	225.4	2.99	(24)	2.9
California	196.0 <sup>⊕*</sup>	0.55	(41)	-10.5	New Jersey	229.7 <sup>⊕</sup>	1.08	(19)	4.8
Colorado	182.2 <sup>⊕*</sup>	1.61	(47)	-16.8	New Mexico	178.8 <sup>⊕*</sup>	2.25	(49)	-18.4
Connecticut	207.1 <sup>⊕*</sup>	1.56	(33)	-5.5	New York	213.2 <sup>⊕</sup>	0.69	(30)	-2.7
Delaware	249.9 <sup>⊕*</sup>	3.96	(05)	14.1	North Carolina	236.1 <sup>⊕*</sup>	1.23	(13)	7.8
District of Columbia	299.3 <sup>⊕*</sup>	4.69	(01)	36.6	North Dakota	195.2 <sup>⊕*</sup>	3.28	(43)	-10.9
Florida	209.8 <sup>⊕</sup>	0.71	(31)	-4.2	Ohio	230.7 <sup>⊕*</sup>	0.92	(17)	5.3
Georgia	241.9 <sup>⊕*</sup>	1.37	(09)	10.4	Oklahoma	221.0	1.64	(28)	0.9
Hawaii	166.2 <sup>⊕*</sup>	2.42	(50)	-24.1	Oregon	204.1 <sup>⊕*</sup>	1.61	(34)	-6.8
Idaho	181.5 <sup>⊕*</sup>	2.65	(48)	-17.2	Pennsylvania	226.8 <sup>⊕</sup>	0.82	(23)	3.5
Illinois	229.2 <sup>⊕</sup>	0.91	(21)	4.6	Rhode Island	229.9	2.95	(18)	4.9
Indiana	230.8 <sup>⊕*</sup>	1.30	(16)	5.3	South Carolina	243.3 <sup>⊕*</sup>	1.79	(07)	11.0
Iowa	202.0 <sup>⊕*</sup>	1.59	(35)	-7.8	South Dakota	194.7 <sup>⊕*</sup>	3.14	(44)	-11.1
Kansas	201.0 <sup>⊕*</sup>	1.76	(37)	-8.3	Tennessee	241.2 <sup>⊕*</sup>	1.41	(10)	10.1
Kentucky	252.2 <sup>⊕*</sup>	1.66	(03)	15.1	Texas	221.0	0.79	(29)	0.9
Louisiana	261.8 <sup>⊕*</sup>	1.68	(02)	19.5	Utah	152.8 <sup>⊕*</sup>	2.15	(51)	-30.3
Maine	236.7 <sup>⊕*</sup>	2.73	(12)	8.0	Vermont	221.7	4.07	(27)	1.2
Maryland	243.5 <sup>⊕*</sup>	1.53	(06)	11.1	Virginia	235.2 <sup>⊕*</sup>	1.33	(15)	7.3
Massachusetts	227.1 <sup>⊕</sup>	1.23	(22)	3.7	Washington	201.4 <sup>⊕*</sup>	1.30	(36)	-8.1
Michigan	223.6	1.00	(25)	2.1	West Virginia	235.6 <sup>⊕*</sup>	2.15	(14)	7.5
Minnesota	194.1 <sup>⊕*</sup>	1.33	(45)	-11.4	Wisconsin	208.5 <sup>⊕</sup>	1.27	(32)	-4.8
Mississippi	250.2 <sup>⊕*</sup>	2.02	(04)	14.2	Wyoming	190.7 <sup>⊕*</sup>	4.29	(46)	-13.0
Missouri	229.5 <sup>⊕</sup>	1.30	(20)	4.7					

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

\* Absolute difference between state rate and total U.S. rate is 5% or more.

⊕ Difference between state rate and total U.S. rate is statistically significant (p&lt;=.0002).



Table II-25  
ALL SITES (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	141.7	0.13							
High Five States									
District of Columbia	171.4 <sup>⊕*</sup>	2.99	(01)	21.0					
Delaware	159.1 <sup>⊕*</sup>	2.75	(02)	12.3					
Maryland	155.8 <sup>⊕*</sup>	1.05	(03)	10.0					
New Jersey	155.1 <sup>⊕*</sup>	0.77	(04)	9.5					
New Hampshire	155.0 <sup>⊕*</sup>	2.21	(05)	9.4					
Low Five States									
Idaho	126.0 <sup>⊕*</sup>	2.06	(47)	-11.1					
Colorado	124.6 <sup>⊕*</sup>	1.17	(48)	-12.1					
New Mexico	122.6 <sup>⊕*</sup>	1.69	(49)	-13.5					
Hawaii	111.1 <sup>⊕*</sup>	1.89	(50)	-21.6					
Utah	107.5 <sup>⊕*</sup>	1.65	(51)	-24.1					
Alabama	136.7	1.01	(29)	-3.5	Montana	135.6	2.31	(34)	-4.3
Alaska	147.0	4.60	(17)	3.7	Nebraska	128.0 <sup>⊕*</sup>	1.59	(45)	-9.7
Arizona	131.6 <sup>⊕*</sup>	1.07	(39)	-7.1	Nevada	153.5 <sup>⊕*</sup>	2.11	(06)	8.3
Arkansas	138.0	1.31	(27)	-2.6	New Hampshire	155.0 <sup>⊕*</sup>	2.21	(05)	9.4
California	140.0	0.42	(26)	-1.2	New Jersey	155.1 <sup>⊕*</sup>	0.77	(04)	9.5
Colorado	124.6 <sup>⊕*</sup>	1.17	(48)	-12.1	New Mexico	122.6 <sup>⊕*</sup>	1.69	(49)	-13.5
Connecticut	140.4	1.13	(25)	-0.9	New York	147.1 <sup>⊕</sup>	0.50	(16)	3.8
Delaware	159.1 <sup>⊕*</sup>	2.75	(02)	12.3	North Carolina	134.7 <sup>⊕</sup>	0.79	(37)	-4.9
District of Columbia	171.4 <sup>⊕*</sup>	2.99	(01)	21.0	North Dakota	130.4 <sup>*</sup>	2.57	(43)	-8.0
Florida	136.1 <sup>⊕</sup>	0.53	(31)	-4.0	Ohio	147.9 <sup>⊕</sup>	0.64	(14)	4.4
Georgia	134.9 <sup>⊕</sup>	0.86	(36)	-4.8	Oklahoma	135.6 <sup>⊕</sup>	1.15	(33)	-4.3
Hawaii	111.1 <sup>⊕*</sup>	1.89	(50)	-21.6	Oregon	142.3	1.24	(22)	0.4
Idaho	126.0 <sup>⊕*</sup>	2.06	(47)	-11.1	Pennsylvania	148.8 <sup>⊕*</sup>	0.59	(13)	5.0
Illinois	149.0 <sup>⊕*</sup>	0.64	(12)	5.2	Rhode Island	147.4	2.08	(15)	4.0
Indiana	143.5	0.90	(20)	1.3	South Carolina	135.8 <sup>⊕</sup>	1.13	(32)	-4.2
Iowa	131.1 <sup>⊕*</sup>	1.17	(41)	-7.5	South Dakota	127.2 <sup>⊕*</sup>	2.40	(46)	-10.2
Kansas	130.5 <sup>⊕*</sup>	1.29	(42)	-7.9	Tennessee	137.6	0.93	(28)	-2.9
Kentucky	152.1 <sup>⊕*</sup>	1.14	(09)	7.3	Texas	135.3 <sup>⊕</sup>	0.54	(35)	-4.5
Louisiana	149.3 <sup>⊕*</sup>	1.10	(10)	5.4	Utah	107.5 <sup>⊕*</sup>	1.65	(51)	-24.1
Maine	152.3 <sup>⊕*</sup>	1.94	(07)	7.5	Vermont	143.6	2.94	(19)	1.3
Maryland	155.8 <sup>⊕*</sup>	1.05	(03)	10.0	Virginia	143.1	0.89	(21)	1.0
Massachusetts	152.3 <sup>⊕*</sup>	0.88	(08)	7.5	Washington	140.4	0.99	(24)	-0.9
Michigan	146.6 <sup>⊕</sup>	0.72	(18)	3.5	West Virginia	149.1 <sup>*</sup>	1.52	(11)	5.2
Minnesota	131.4 <sup>⊕*</sup>	1.00	(40)	-7.3	Wisconsin	136.6 <sup>⊕</sup>	0.94	(30)	-3.6
Mississippi	134.0 <sup>⊕*</sup>	1.29	(38)	-5.4	Wyoming	129.1 <sup>*</sup>	3.21	(44)	-8.9
Missouri	142.3	0.92	(23)	0.4					

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

\* Absolute difference between state rate and total U.S. rate is 5% or more.

⊕ Difference between state rate and total U.S. rate is statistically significant (p&lt;=.0002).

Table II-26  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	122.9	0.09		
High Five States				
District of Columbia	167.5 <sup>⊕*</sup>	2.22	(01)	36.3
Delaware	136.7 <sup>⊕*</sup>	1.89	(02)	11.2
Maryland	135.5 <sup>⊕*</sup>	0.73	(03)	10.3
New Jersey	135.3 <sup>⊕*</sup>	0.53	(04)	10.1
Louisiana	132.8 <sup>⊕*</sup>	0.77	(05)	8.1
Low Five States				
New Mexico	111.3 <sup>⊕*</sup>	1.18	(47)	-9.4
Idaho	111.2 <sup>⊕*</sup>	1.39	(48)	-9.5
Colorado	110.4 <sup>⊕*</sup>	0.81	(49)	-10.2
Utah	103.1 <sup>⊕*</sup>	1.17	(50)	-16.1
Hawaii	103.0 <sup>⊕*</sup>	1.31	(51)	-16.2

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	124.6	0.72	(21)	1.4	Montana	119.0	1.56	(32)	-3.2
Alaska	117.9	3.05	(34)	-4.1	Nebraska	114.3 <sup>⊕*</sup>	1.09	(43)	-7.0
Arizona	113.6 <sup>⊕*</sup>	0.73	(44)	-7.6	Nevada	124.9	1.39	(20)	1.6
Arkansas	119.2	0.89	(31)	-3.0	New Hampshire	130.2 <sup>*</sup>	1.48	(08)	5.9
California	117.2 <sup>⊕</sup>	0.28	(35)	-4.6	New Jersey	135.3 <sup>⊕*</sup>	0.53	(04)	10.1
Colorado	110.4 <sup>⊕*</sup>	0.81	(49)	-10.2	New Mexico	111.3 <sup>⊕*</sup>	1.18	(47)	-9.4
Connecticut	122.1	0.78	(25)	-0.7	New York	126.8 <sup>⊕</sup>	0.34	(13)	3.2
Delaware	136.7 <sup>⊕*</sup>	1.89	(02)	11.2	North Carolina	121.8	0.56	(28)	-0.9
District of Columbia	167.5 <sup>⊕*</sup>	2.22	(01)	36.3	North Dakota	119.8	1.75	(30)	-2.5
Florida	115.7 <sup>⊕*</sup>	0.35	(39)	-5.9	Ohio	126.7 <sup>⊕</sup>	0.44	(14)	3.1
Georgia	122.0	0.61	(27)	-0.7	Oklahoma	114.6 <sup>⊕*</sup>	0.77	(42)	-6.8
Hawaii	103.0 <sup>⊕*</sup>	1.31	(51)	-16.2	Oregon	115.8 <sup>⊕*</sup>	0.81	(37)	-5.8
Idaho	111.2 <sup>⊕*</sup>	1.39	(48)	-9.5	Pennsylvania	130.8 <sup>⊕*</sup>	0.41	(07)	6.4
Illinois	130.2 <sup>⊕*</sup>	0.44	(09)	5.9	Rhode Island	128.7	1.43	(11)	4.7
Indiana	123.0	0.62	(24)	0.1	South Carolina	125.1	0.81	(18)	1.8
Iowa	114.9 <sup>⊕*</sup>	0.79	(41)	-6.5	South Dakota	115.5 <sup>*</sup>	1.63	(40)	-6.0
Kansas	113.2 <sup>⊕*</sup>	0.87	(45)	-7.9	Tennessee	120.5	0.64	(29)	-2.0
Kentucky	125.4	0.76	(17)	2.0	Texas	118.6 <sup>⊕</sup>	0.37	(33)	-3.5
Louisiana	132.8 <sup>⊕*</sup>	0.77	(05)	8.1	Utah	103.1 <sup>⊕*</sup>	1.17	(50)	-16.1
Maine	130.0 <sup>⊕*</sup>	1.32	(10)	5.8	Vermont	126.9	2.02	(12)	3.3
Maryland	135.5 <sup>⊕*</sup>	0.73	(03)	10.3	Virginia	126.1 <sup>⊕</sup>	0.62	(16)	2.6
Massachusetts	132.5 <sup>⊕*</sup>	0.61	(06)	7.8	Washington	115.8 <sup>⊕*</sup>	0.65	(38)	-5.8
Michigan	126.4 <sup>⊕</sup>	0.49	(15)	2.8	West Virginia	123.1	1.02	(23)	0.2
Minnesota	117.2 <sup>⊕</sup>	0.68	(36)	-4.6	Wisconsin	123.9	0.65	(22)	0.8
Mississippi	124.9	0.93	(19)	1.6	Wyoming	113.0 <sup>*</sup>	2.18	(46)	-8.1
Missouri	122.1	0.62	(26)	-0.7					

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

\* Absolute difference between state rate and total U.S. rate is 5% or more.

⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table II-27  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	145.2	0.15							
High Five States									
District of Columbia	216.4 <sup>⊕*</sup>	3.98	(01)	49.0					
Delaware	165.0 <sup>⊕*</sup>	3.23	(02)	13.6					
Maryland	163.9 <sup>⊕*</sup>	1.26	(03)	12.9					
Louisiana	163.3 <sup>⊕*</sup>	1.33	(04)	12.5					
Massachusetts	158.8 <sup>⊕*</sup>	1.03	(05)	9.4					
Low Five States									
New Mexico	130.0 <sup>⊕*</sup>	1.92	(47)	-10.5					
Idaho	130.0 <sup>⊕*</sup>	2.23	(48)	-10.5					
Colorado	128.9 <sup>⊕*</sup>	1.35	(49)	-11.2					
Hawaii	119.6 <sup>⊕*</sup>	2.04	(50)	-17.6					
Utah	118.7 <sup>⊕*</sup>	1.89	(51)	-18.3					
Alabama	151.4	1.23	(16)	4.3	Montana	138.3	2.49	(33)	-4.8
Alaska	130.6 <sup>*</sup>	4.86	(46)	-10.1	Nebraska	134.3 <sup>⊕*</sup>	1.77	(40)	-7.5
Arizona	133.2 <sup>⊕*</sup>	1.18	(44)	-8.3	Nevada	147.5	2.30	(22)	1.6
Arkansas	142.7	1.46	(31)	-1.7	New Hampshire	151.4	2.45	(15)	4.3
California	135.4 <sup>⊕*</sup>	0.46	(37)	-6.7	New Jersey	158.7 <sup>⊕*</sup>	0.89	(06)	9.3
Colorado	128.9 <sup>⊕*</sup>	1.35	(49)	-11.2	New Mexico	130.0 <sup>⊕*</sup>	1.92	(47)	-10.5
Connecticut	144.6	1.30	(29)	-0.4	New York	147.2	0.57	(23)	1.4
Delaware	165.0 <sup>⊕*</sup>	3.23	(02)	13.6	North Carolina	149.0	0.98	(19)	2.6
District of Columbia	216.4 <sup>⊕*</sup>	3.98	(01)	49.0	North Dakota	140.0	2.76	(32)	-3.6
Florida	136.1 <sup>⊕*</sup>	0.57	(35)	-6.3	Ohio	149.3 <sup>⊕</sup>	0.74	(18)	2.8
Georgia	151.4 <sup>⊕</sup>	1.09	(14)	4.3	Oklahoma	135.3 <sup>⊕*</sup>	1.28	(38)	-6.8
Hawaii	119.6 <sup>⊕*</sup>	2.04	(50)	-17.6	Oregon	135.2 <sup>⊕*</sup>	1.31	(39)	-6.9
Idaho	130.0 <sup>⊕*</sup>	2.23	(48)	-10.5	Pennsylvania	153.5 <sup>⊕*</sup>	0.68	(12)	5.7
Illinois	153.7 <sup>⊕*</sup>	0.74	(11)	5.9	Rhode Island	154.0 <sup>*</sup>	2.41	(10)	6.1
Indiana	146.6	1.04	(25)	1.0	South Carolina	155.3 <sup>⊕*</sup>	1.44	(08)	7.0
Iowa	133.9 <sup>⊕*</sup>	1.29	(41)	-7.8	South Dakota	135.6 <sup>*</sup>	2.61	(36)	-6.6
Kansas	131.9 <sup>⊕*</sup>	1.42	(45)	-9.2	Tennessee	145.3	1.10	(26)	0.1
Kentucky	148.4	1.27	(21)	2.2	Texas	143.1	0.63	(30)	-1.4
Louisiana	163.3 <sup>⊕*</sup>	1.33	(04)	12.5	Utah	118.7 <sup>⊕*</sup>	1.89	(51)	-18.3
Maine	155.2 <sup>*</sup>	2.20	(09)	6.9	Vermont	151.2	3.36	(17)	4.1
Maryland	163.9 <sup>⊕*</sup>	1.26	(03)	12.9	Virginia	153.1 <sup>⊕*</sup>	1.07	(13)	5.4
Massachusetts	158.8 <sup>⊕*</sup>	1.03	(05)	9.4	Washington	133.8 <sup>⊕*</sup>	1.06	(42)	-7.9
Michigan	148.7	0.82	(20)	2.4	West Virginia	144.6	1.69	(28)	-0.4
Minnesota	137.7 <sup>⊕*</sup>	1.12	(34)	-5.2	Wisconsin	147.1	1.06	(24)	1.3
Mississippi	156.6 <sup>⊕*</sup>	1.60	(07)	7.9	Wyoming	133.7 <sup>*</sup>	3.60	(43)	-7.9
Missouri	144.7	1.03	(27)	-0.3					

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

\* Absolute difference between state rate and total U.S. rate is 5% or more.

⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table II-28  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	109.4	0.12							
High Five States									
District of Columbia	138.4 <sup>⊕*</sup>	2.67	(01)	26.5					
New Jersey	121.7 <sup>⊕*</sup>	0.68	(02)	11.2					
Delaware	119.7 <sup>*</sup>	2.38	(03)	9.4					
New Hampshire	119.0 <sup>*</sup>	1.92	(04)	8.8					
Maryland	118.7 <sup>⊕*</sup>	0.91	(05)	8.5					
Low Five States									
Colorado	99.6 <sup>⊕*</sup>	1.04	(47)	-9.0					
Idaho	98.9 <sup>⊕*</sup>	1.82	(48)	-9.6					
New Mexico	98.5 <sup>⊕*</sup>	1.51	(49)	-10.0					
Utah	93.6 <sup>⊕*</sup>	1.53	(50)	-14.4					
Hawaii	88.5 <sup>⊕*</sup>	1.69	(51)	-19.1					
Alabama	108.8	0.90	(23)	-0.5	Montana	105.9	2.03	(31)	-3.2
Alaska	108.0	3.94	(25)	-1.3	Nebraska	102.1 <sup>⊕*</sup>	1.41	(43)	-6.7
Arizona	99.9 <sup>⊕*</sup>	0.93	(46)	-8.7	Nevada	108.9	1.77	(21)	-0.5
Arkansas	104.5	1.13	(36)	-4.5	New Hampshire	119.0 <sup>*</sup>	1.92	(04)	8.8
California	106.3 <sup>⊕</sup>	0.36	(28)	-2.8	New Jersey	121.7 <sup>⊕*</sup>	0.68	(02)	11.2
Colorado	99.6 <sup>⊕*</sup>	1.04	(47)	-9.0	New Mexico	98.5 <sup>⊕*</sup>	1.51	(49)	-10.0
Connecticut	108.8	0.99	(22)	-0.5	New York	115.5 <sup>⊕*</sup>	0.44	(09)	5.6
Delaware	119.7 <sup>*</sup>	2.38	(03)	9.4	North Carolina	106.2	0.70	(29)	-2.9
District of Columbia	138.4 <sup>⊕*</sup>	2.67	(01)	26.5	North Dakota	107.4	2.31	(27)	-1.8
Florida	101.5 <sup>⊕*</sup>	0.46	(44)	-7.2	Ohio	113.7 <sup>⊕</sup>	0.56	(13)	3.9
Georgia	105.5 <sup>⊕</sup>	0.76	(32)	-3.6	Oklahoma	102.2 <sup>⊕*</sup>	0.99	(42)	-6.6
Hawaii	88.5 <sup>⊕*</sup>	1.69	(51)	-19.1	Oregon	103.4 <sup>⊕*</sup>	1.05	(38)	-5.5
Idaho	98.9 <sup>⊕*</sup>	1.82	(48)	-9.6	Pennsylvania	118.0 <sup>⊕*</sup>	0.52	(07)	7.9
Illinois	116.7 <sup>⊕*</sup>	0.57	(08)	6.7	Rhode Island	115.0 <sup>*</sup>	1.82	(10)	5.1
Indiana	109.3	0.78	(20)	-0.1	South Carolina	107.7	1.00	(26)	-1.6
Iowa	104.0 <sup>⊕</sup>	1.04	(37)	-4.9	South Dakota	102.3 <sup>*</sup>	2.14	(40)	-6.5
Kansas	102.2 <sup>⊕*</sup>	1.13	(41)	-6.6	Tennessee	106.0	0.81	(30)	-3.1
Kentucky	111.9	0.97	(15)	2.3	Texas	103.4 <sup>⊕*</sup>	0.47	(39)	-5.5
Louisiana	114.2	0.95	(12)	4.4	Utah	93.6 <sup>⊕*</sup>	1.53	(50)	-14.4
Maine	115.0 <sup>*</sup>	1.67	(11)	5.1	Vermont	111.7	2.57	(16)	2.1
Maryland	118.7 <sup>⊕*</sup>	0.91	(05)	8.5	Virginia	110.4	0.78	(18)	0.9
Massachusetts	118.1 <sup>⊕*</sup>	0.77	(06)	8.0	Washington	104.5 <sup>⊕</sup>	0.85	(35)	-4.5
Michigan	113.2 <sup>⊕</sup>	0.63	(14)	3.5	West Virginia	110.6	1.30	(17)	1.1
Minnesota	105.0	0.89	(34)	-4.0	Wisconsin	109.5	0.83	(19)	0.1
Mississippi	105.2	1.14	(33)	-3.8	Wyoming	100.6 <sup>*</sup>	2.82	(45)	-8.0
Missouri	108.5	0.79	(24)	-0.8					

<sup>δ</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

SE Standard error of the rate.

PD Percent difference between state rate and total U.S. rate.

\* Absolute difference between state rate and total U.S. rate is 5% or more.

⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table II-29  
ALL SITES (Invasive)  
 AGE-ADJUSTED SEER INCIDENCE RATES<sup>§</sup>, SEER MORTALITY RATES<sup>δ</sup>, AND 5-YEAR RELATIVE SURVIVAL RATES<sup>⊙</sup>  
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES<sup>§</sup>, 1989-93</u>									
REGISTRY									
Standard 9 registries	406.6	497.7	345.6	407.9	494.1	351.6	446.8	608.4	337.4
San Francisco-Oakland	413.2	501.6	351.9	432.2	516.9	373.6	450.3	599.7	345.6
Connecticut	409.7	487.2	362.2	408.3	480.9	365.0	429.9	584.2	329.4
Metropolitan Detroit	448.1	572.0	368.6	438.1	548.7	370.2	460.4	623.1	347.9
Hawaii	360.9	420.9	309.5	470.4	559.1	391.8	-	-	-
Iowa	390.5	472.1	339.0	388.1	468.2	337.8	-	-	-
New Mexico	343.0	419.9	286.6	353.4	432.8	295.3	-	-	-
Seattle-Puget Sound	422.4	509.6	362.3	420.6	502.5	364.7	451.2	633.9	298.5
Utah	339.1	416.8	282.9	339.0	415.8	283.6	-	-	-
Metropolitan Atlanta	420.2	551.8	340.6	408.4	520.0	342.2	435.1	619.2	326.5
San Jose-Monterey	378.5	446.2	337.2	386.8	454.5	346.7	433.8	561.4	329.8
Los Angeles	384.0	467.1	330.6	390.5	465.8	343.3	417.9	561.8	323.1
<u>SEER MORTALITY RATES<sup>δ</sup>, 1989-93</u>									
REGISTRY									
Standard 9 registries	164.2	203.9	137.8	162.7	200.3	138.4	220.4	300.0	167.1
San Francisco-Oakland	167.0	202.0	144.2	169.3	199.9	150.6	228.7	303.3	177.4
Connecticut	166.4	207.1	140.4	164.4	202.9	140.3	206.6	295.3	148.9
Metropolitan Detroit	184.0	233.8	152.6	175.2	220.4	148.0	221.0	293.3	171.5
Hawaii	136.9	166.2	111.1	180.1	215.0	149.2	-	-	-
Iowa	159.3	202.0	131.1	158.6	200.8	130.8	-	-	-
New Mexico	146.3	178.8	122.6	148.3	181.6	124.1	-	-	-
Seattle-Puget Sound	166.5	202.3	142.3	167.1	201.8	144.1	208.7	283.0	146.5
Utah	125.9	152.8	107.5	126.3	153.3	107.9	-	-	-
Metropolitan Atlanta	174.5	233.6	138.9	161.6	210.4	132.4	225.5	333.4	164.2
San Jose-Monterey	152.1	184.8	130.9	157.6	190.9	136.9	200.1	266.8	152.0
Los Angeles	160.9	194.3	139.6	160.9	190.2	143.0	214.4	284.4	169.1
<u>SURVIVAL RATES<sup>⊙</sup>, 1986-92</u>									
REGISTRY									
Standard 9 registries	57.2	53.6	60.7	58.8	55.5	62.0	43.6	39.7	47.7
San Francisco-Oakland	54.1	47.6	60.7	56.0	49.6	62.3	43.9	39.4	49.1
Connecticut	55.8	51.7	59.5	56.5	52.6	60.0	44.0	36.6	51.4
Metropolitan Detroit	54.2	51.5	56.7	57.1	54.5	59.5	42.8	40.8	44.9
Hawaii	58.2	53.0	63.7	62.2	58.5	66.1	-	-	-
Iowa	58.4	54.3	62.1	58.6	54.5	62.3	-	-	-
New Mexico	58.6	57.1	60.0	59.5	58.0	61.0	-	-	-
Seattle-Puget Sound	62.2	61.1	63.3	62.8	61.9	63.7	49.5	47.2	52.8
Utah	65.1	64.9	65.1	65.3	65.1	65.2	-	-	-
Metropolitan Atlanta	56.1	50.0	61.7	60.0	54.1	65.5	42.9	36.4	49.0

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in this table and not other tables in this section.

§ SEER Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

δ NCHS public use tape. Mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

⊙ Survival rates are relative rates expressed as percents and are based on follow-up of patients through 1993.

↑ The standard error of the survival rate is between 5 and 10 percentage points.

↑ The standard error of the survival rate is greater than 10 percentage points.

- Statistic could not be calculated or populations are inadequate.

Table II-30  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)AGE-ADJUSTED SEER INCIDENCE RATES<sup>§</sup>, SEER MORTALITY RATES<sup>δ</sup>, AND 5-YEAR RELATIVE SURVIVAL RATES<sup>⊙</sup>  
By Registry, Race and Sex

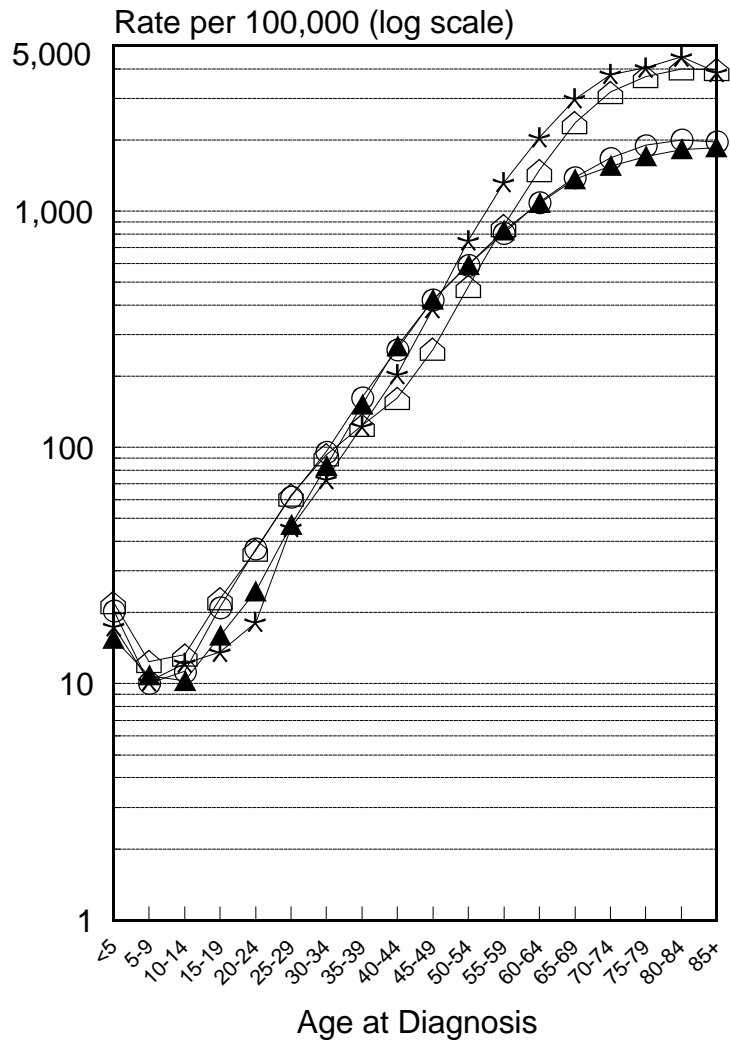
	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES<sup>§</sup>, 1989-93</u>									
REGISTRY									
Standard 9 registries	348.1	416.8	303.8	349.7	414.9	308.7	368.2	486.3	290.1
San Francisco-Oakland	354.8	425.8	306.4	372.9	443.5	324.7	366.7	477.2	291.0
Connecticut	349.7	405.7	317.4	348.8	400.9	319.7	359.7	472.6	288.4
Metropolitan Detroit	375.5	469.3	317.2	367.9	451.4	318.8	377.8	496.8	296.7
Hawaii	314.5	356.6	279.2	404.8	476.5	342.6	-	-	-
Iowa	333.5	387.1	302.7	331.5	383.8	301.7	-	-	-
New Mexico	302.5	364.4	258.0	311.0	375.1	265.1	-	-	-
Seattle-Puget Sound	360.3	428.6	314.8	358.0	421.7	316.1	372.9	514.3	258.7
Utah	312.4	377.7	266.1	312.4	377.1	266.8	-	-	-
Metropolitan Atlanta	353.8	451.5	297.4	343.5	426.1	297.3	364.6	497.6	288.5
San Jose-Monterey	327.0	378.6	297.5	332.9	384.7	304.1	372.0	471.1	291.3
Los Angeles	331.1	396.1	290.8	337.8	397.7	301.6	346.2	451.9	278.7
<u>SEER MORTALITY RATES<sup>δ</sup>, 1989-93</u>									
REGISTRY									
Standard 9 registries	119.4	140.1	106.9	118.0	137.5	106.7	159.0	202.4	131.6
San Francisco-Oakland	121.9	142.8	109.3	123.2	142.0	113.0	163.2	204.3	136.4
Connecticut	122.1	144.6	108.8	120.5	141.6	108.3	154.7	207.2	122.0
Metropolitan Detroit	130.9	155.9	116.8	124.6	147.0	112.8	157.6	195.7	132.9
Hawaii	103.0	119.6	88.5	131.2	154.0	111.4	-	-	-
Iowa	114.9	133.9	104.0	114.5	133.2	103.8	-	-	-
New Mexico	111.3	130.0	98.5	111.9	131.0	99.0	-	-	-
Seattle-Puget Sound	117.6	136.0	106.4	117.6	135.3	107.1	151.6	192.4	119.4
Utah	103.1	118.7	93.6	103.6	119.4	94.0	-	-	-
Metropolitan Atlanta	122.5	151.9	107.1	111.2	134.1	99.5	166.5	226.8	135.3
San Jose-Monterey	112.9	131.4	102.0	116.3	135.3	105.6	150.0	192.0	121.0
Los Angeles	119.2	136.9	109.2	119.3	134.7	111.1	155.8	192.6	134.0
<u>SURVIVAL RATES<sup>⊙</sup>, 1986-92</u>									
REGISTRY									
Standard 9 registries	64.5	62.2	66.4	66.1	64.1	67.8	50.6	48.0	52.9
San Francisco-Oakland	60.6	54.0	67.0	62.4	55.6	68.8	50.9	46.9	55.0
Connecticut	63.2	60.4	65.4	63.9	61.3	65.9	50.6	44.3	56.0
Metropolitan Detroit	62.1	61.3	62.7	65.1	64.4	65.5	50.1	49.7	50.4
Hawaii	64.6	60.3	68.7	69.3	66.2	72.5	-	-	-
Iowa	66.2	64.7	67.3	66.3	64.9	67.4	-	-	-
New Mexico	65.1	65.0	65.0	66.3	66.2	66.2	-	-	-
Seattle-Puget Sound	70.1	70.2	69.9	70.7	71.0	70.4	56.5	55.5	57.7
Utah	69.4	70.6	68.0	69.5	70.8	68.0	-	-	-
Metropolitan Atlanta	63.7	59.4	67.2	68.1	63.8	71.6	49.0	44.1	52.8

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in this table and not other tables in this section.

- § SEER Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 δ NCHS public use tape. Mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 ⊙ Survival rates are relative rates expressed as percents and are based on follow-up of patients through 1993.  
 † The standard error of the survival rate is between 5 and 10 percentage points.  
 ‡ The standard error of the survival rate is greater than 10 percentage points.  
 - Statistic could not be calculated or populations are inadequate.

# Age-Specific Incidence Rates, 1989-93 By Race and Sex

## All Sites



## All Sites Except Lung & Bronchus

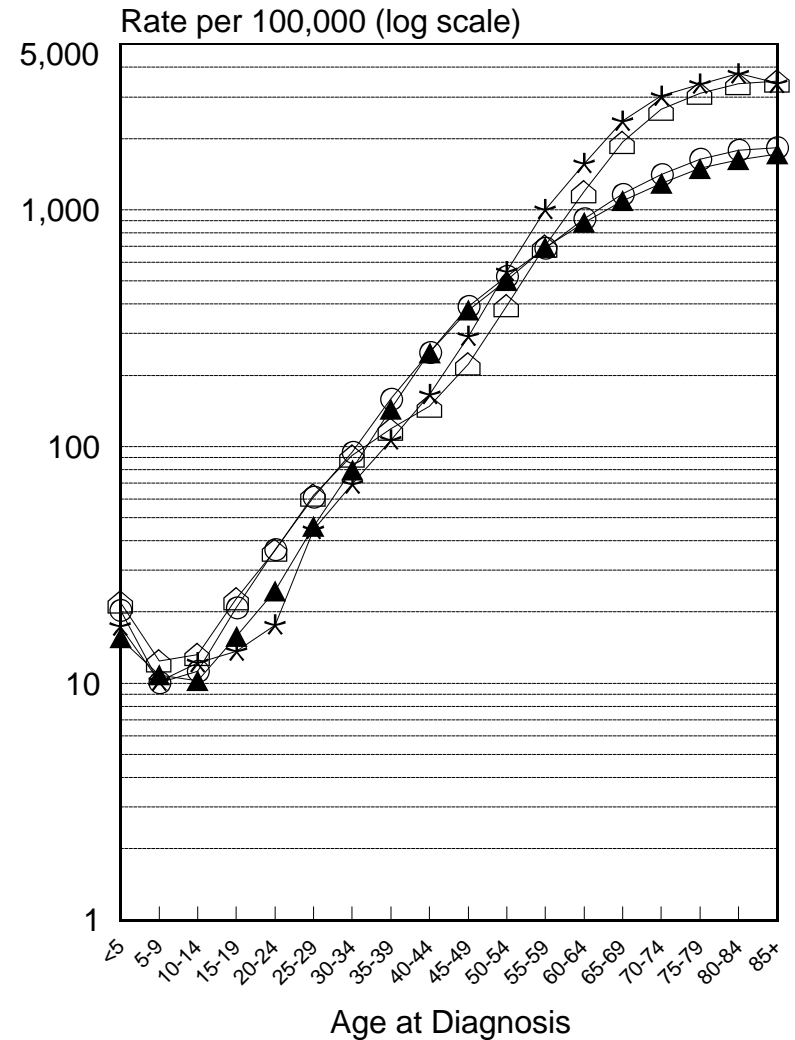


Figure II-1

# SEER Incidence and U.S. Mortality All Cancers, Male By Race

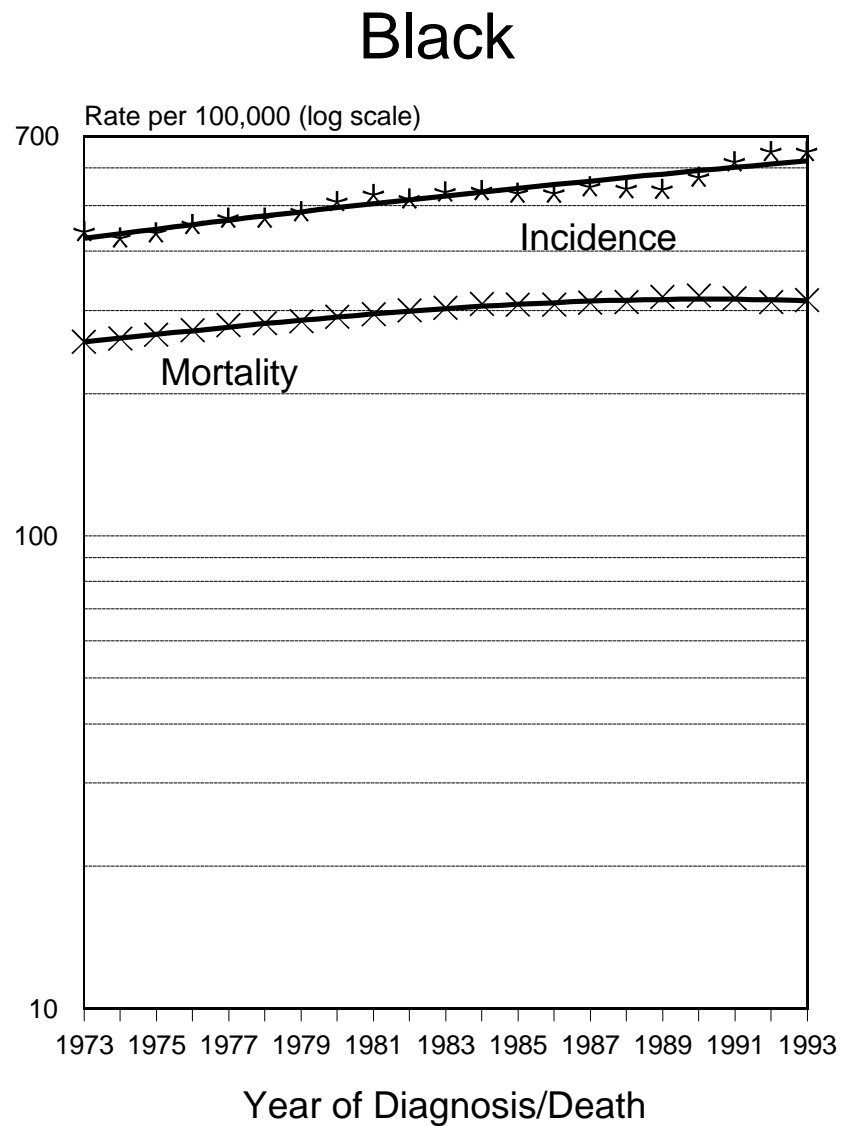


Figure II-2



# SEER Incidence and U.S. Mortality All Cancers, Female By Race

## White

## Black

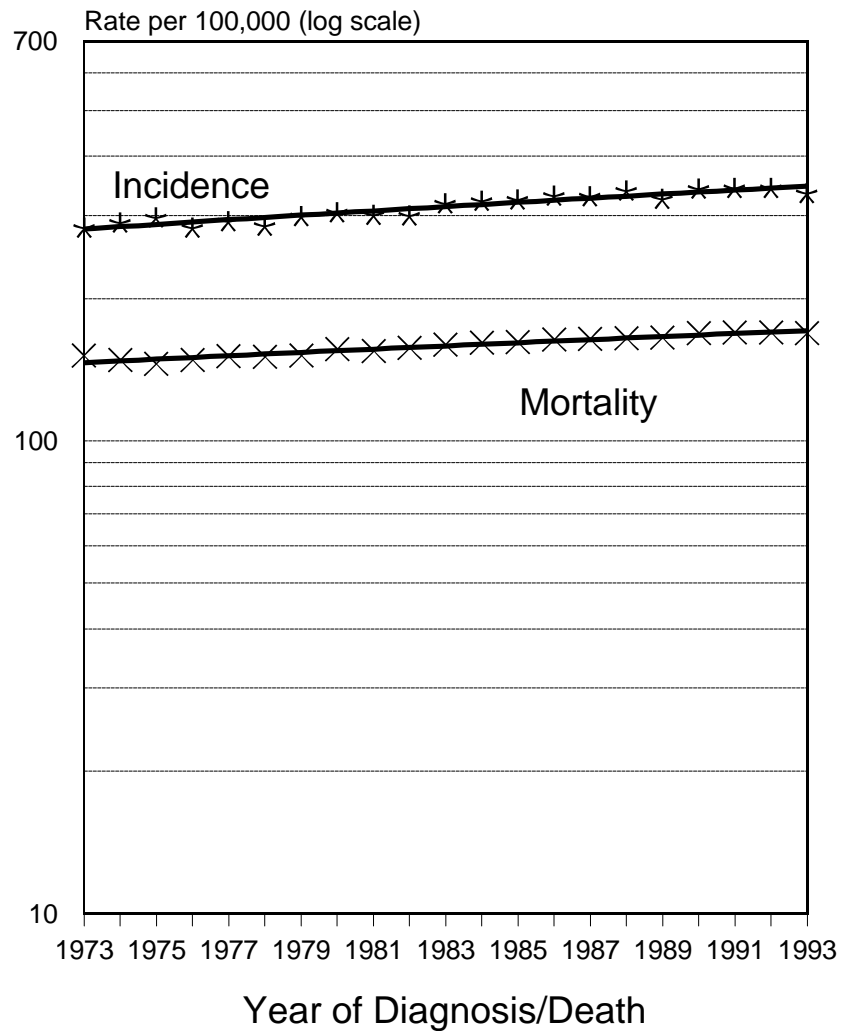
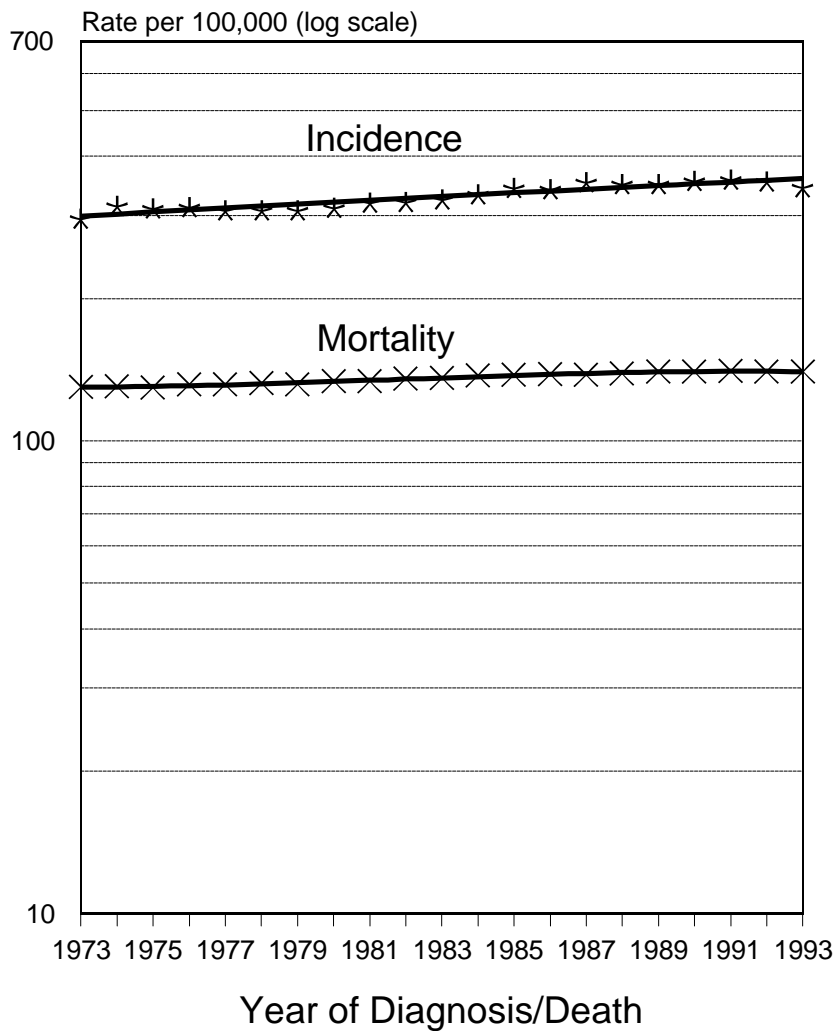


Figure II-3

# SEER Incidence and U.S. Mortality All Cancers, Male, Under 65 Years of Age By Race

## White

## Black

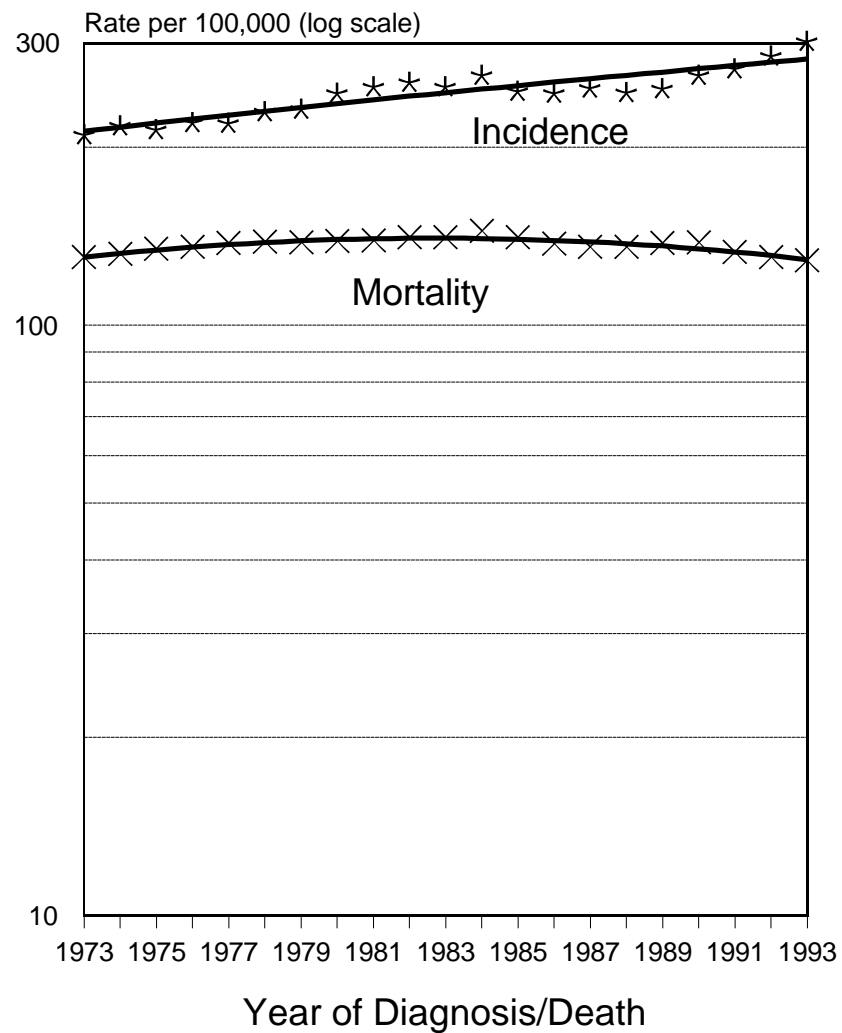
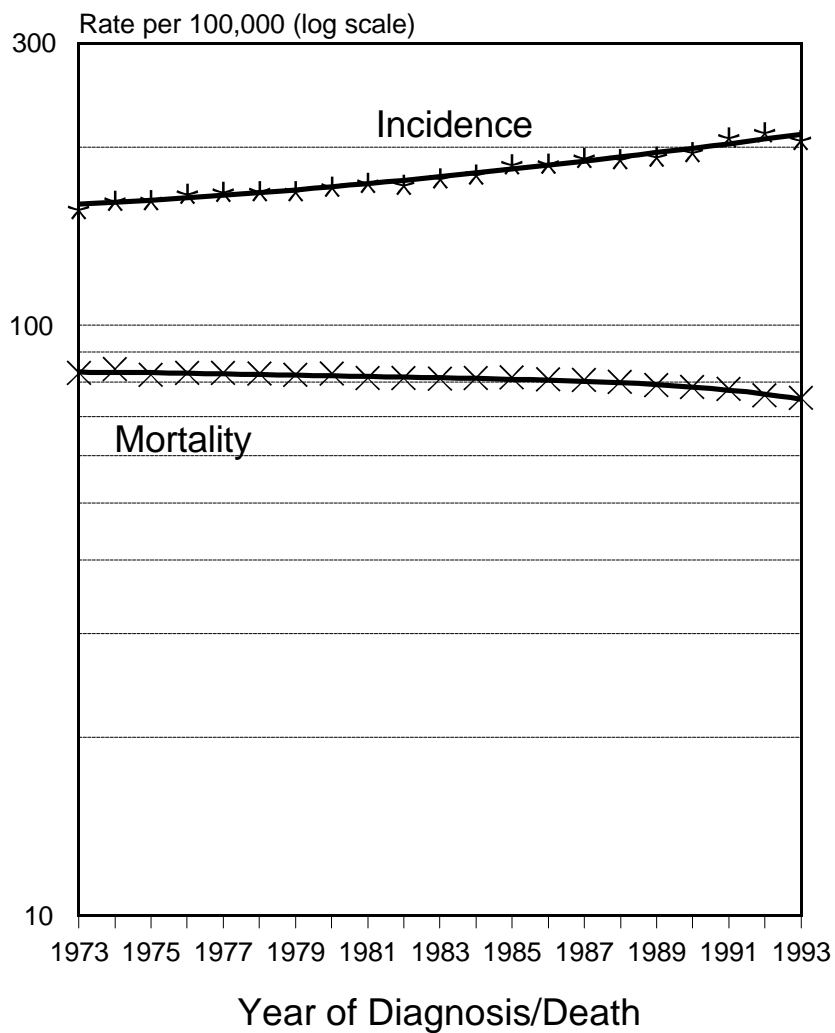


Figure II-4

# SEER Incidence and U.S. Mortality All Cancers, Female, Under 65 Years of Age By Race

## White

## Black

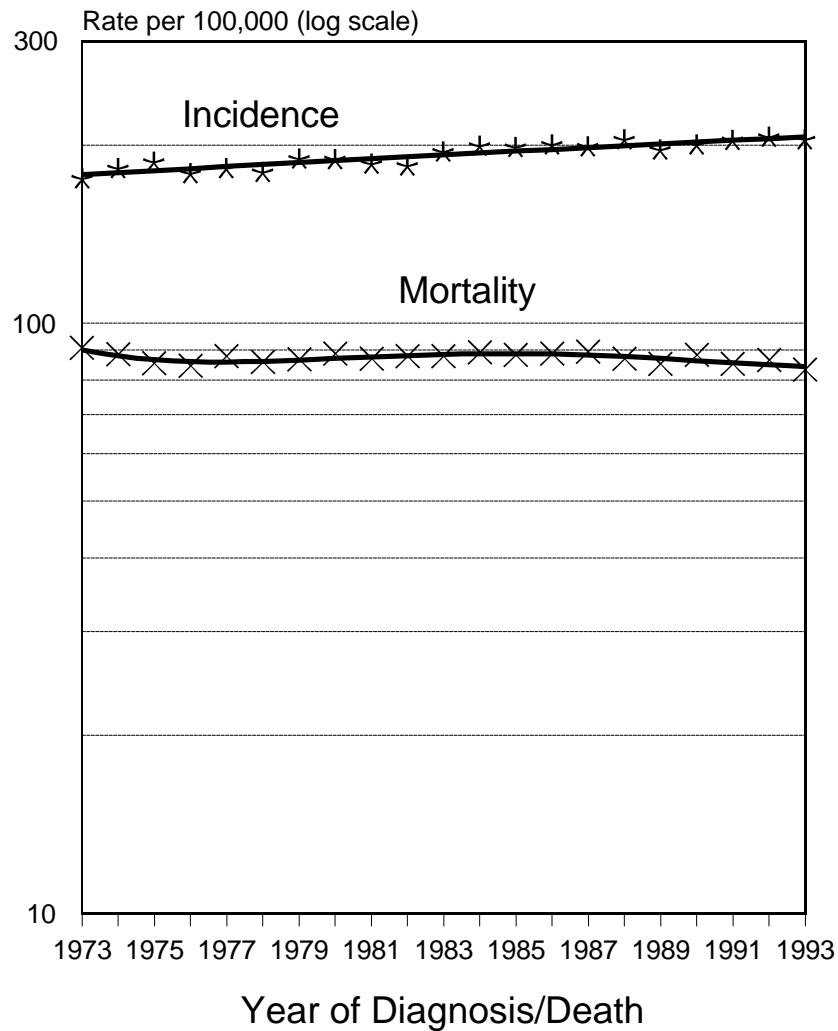
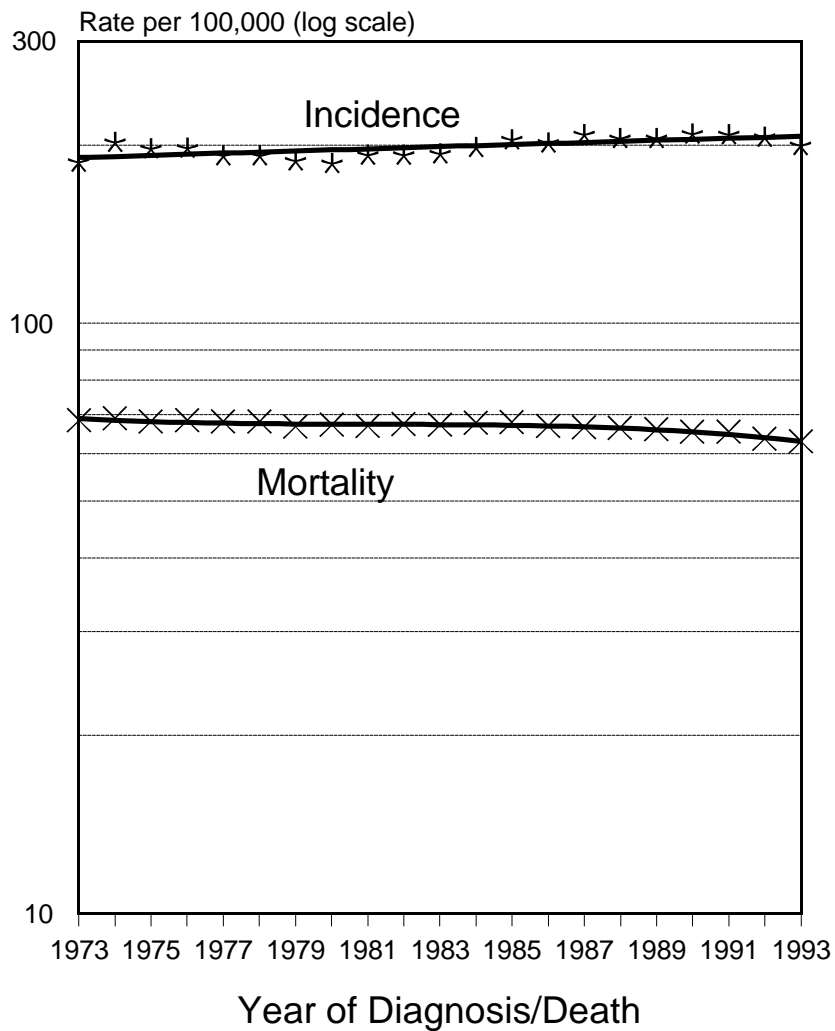
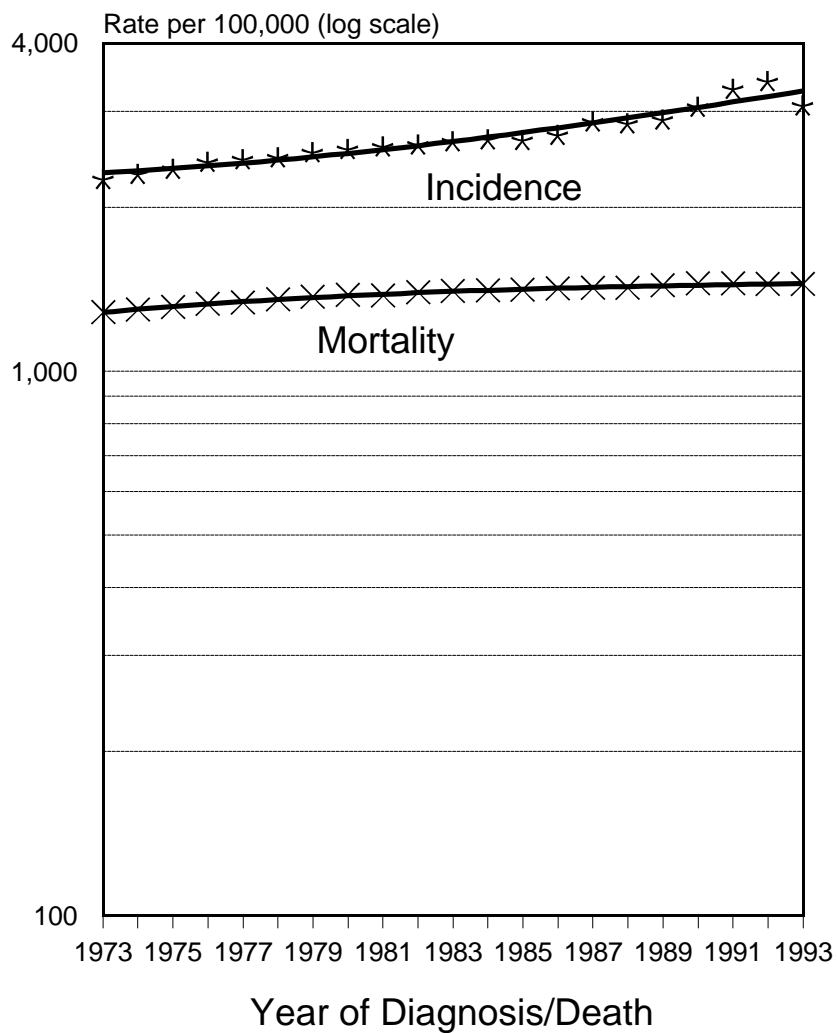


Figure II-5

# SEER Incidence and U.S. Mortality All Cancers, Male, 65 Years of Age and Over By Race

## White



## Black

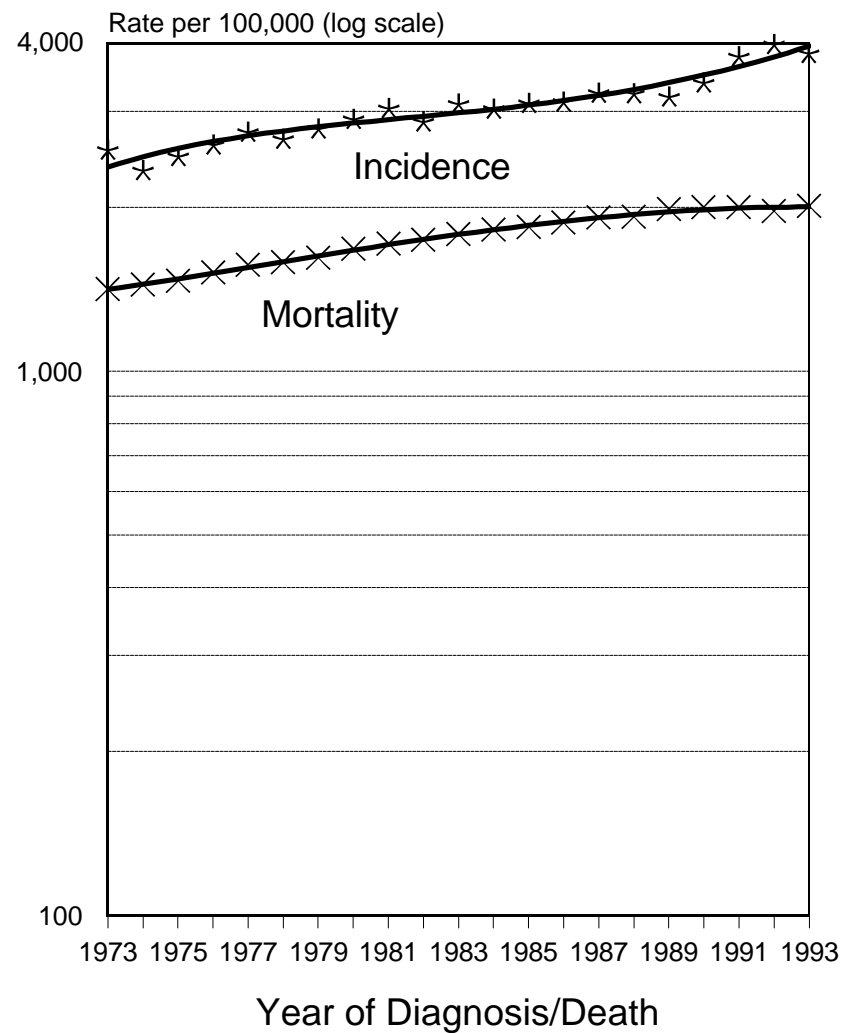


Figure II-6

# SEER Incidence and U.S. Mortality All Cancers, Female, 65 Years of Age and Over By Race

## White

## Black

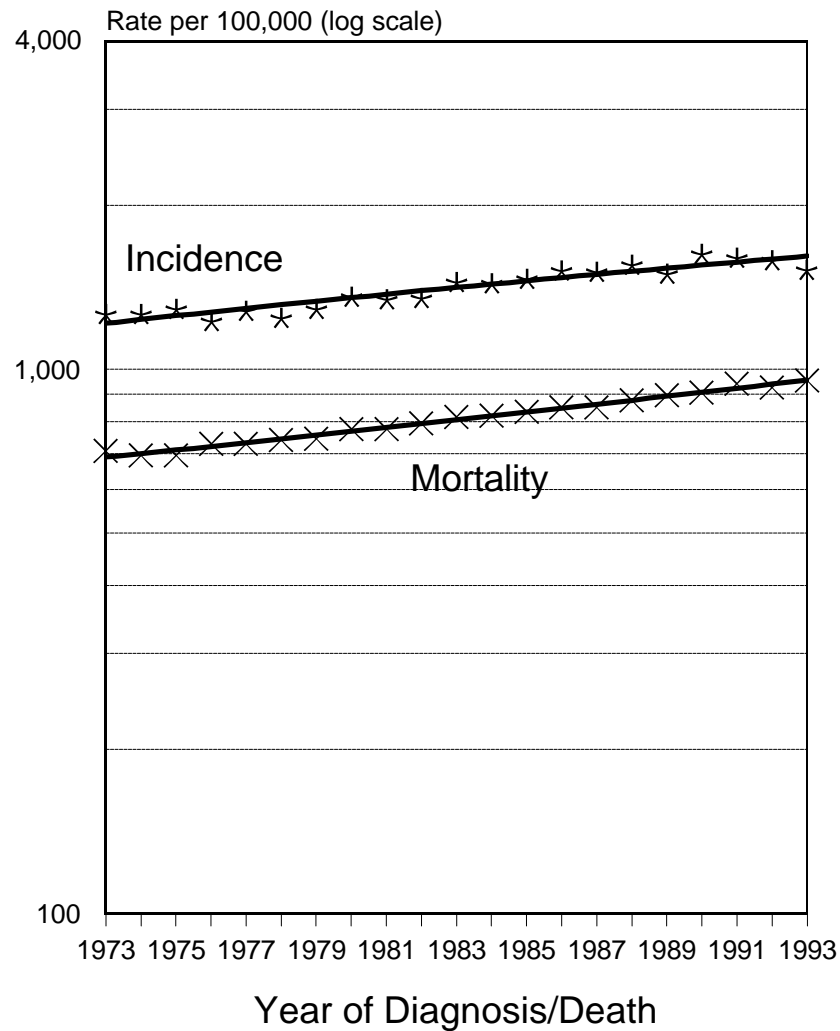
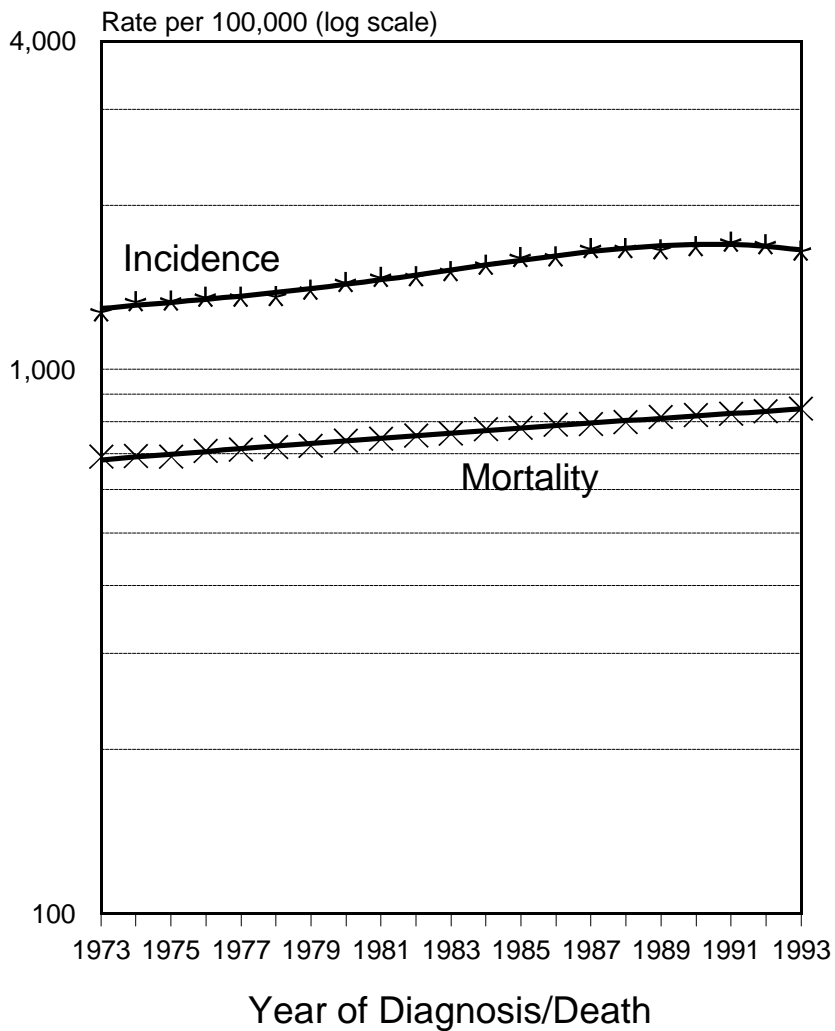


Figure II-7

# SEER Incidence and U.S. Mortality All Cancers Except Lung & Bronchus, Male By Race

## White

## Black

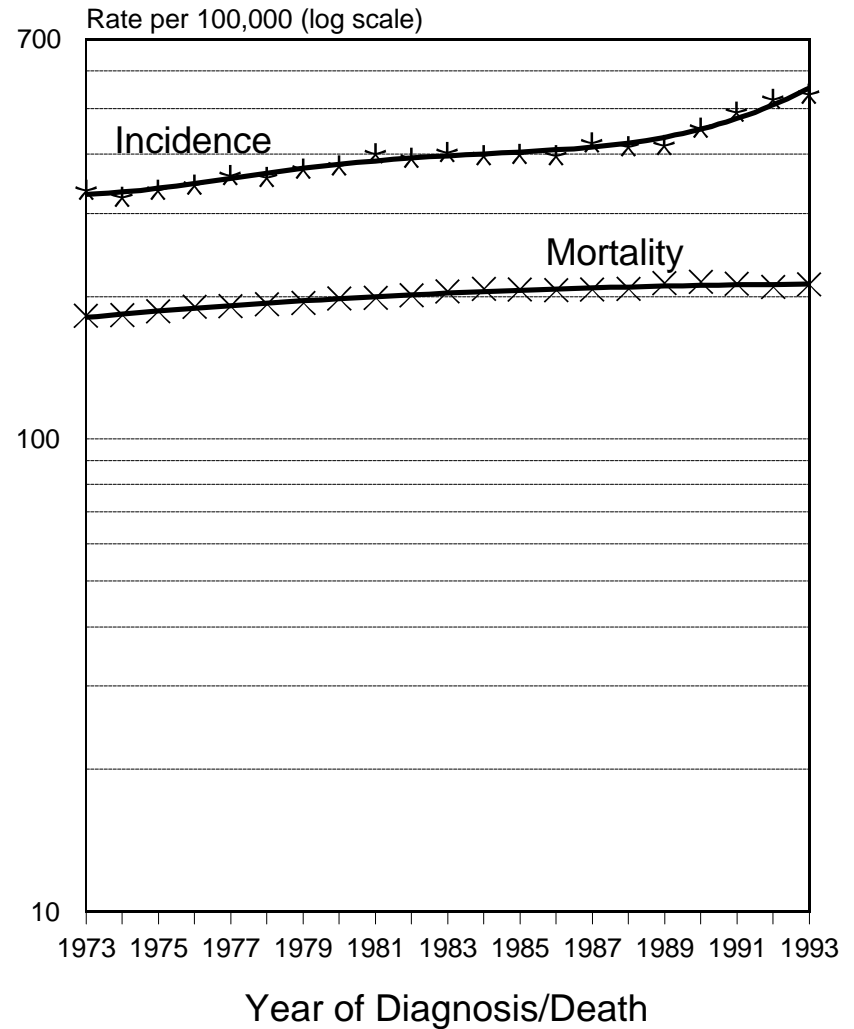
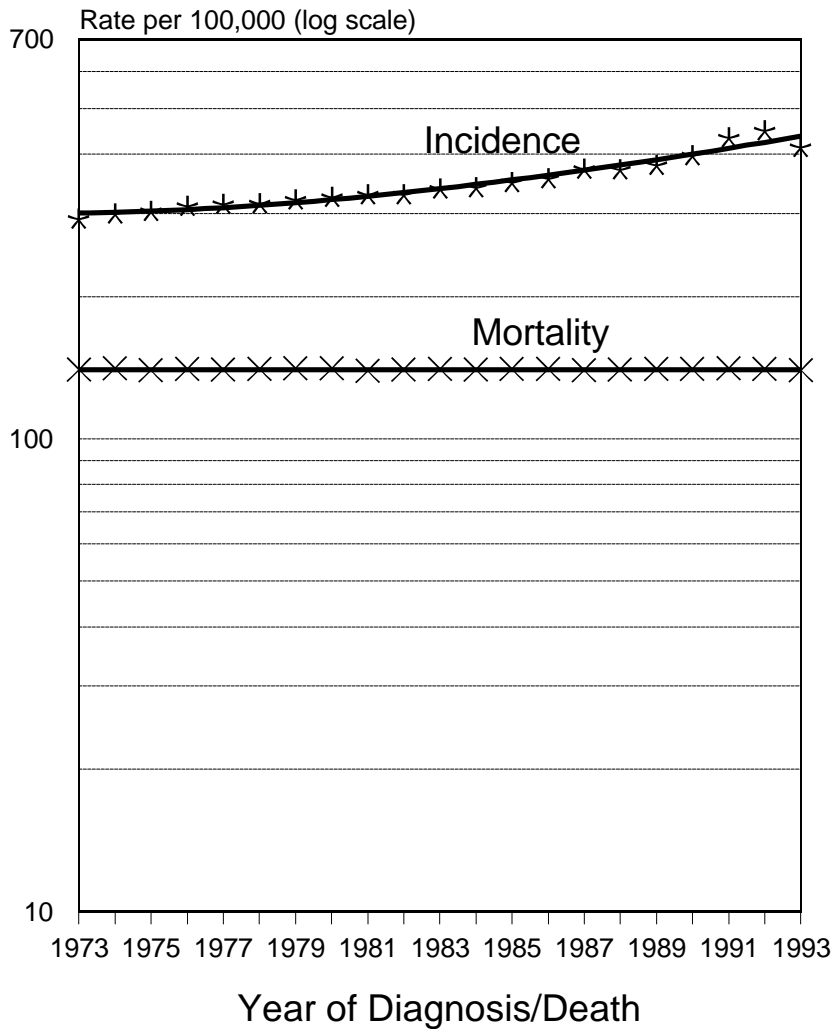


Figure II-8

# SEER Incidence and U.S. Mortality All Cancers Except Lung & Bronchus, Female By Race

## White

## Black

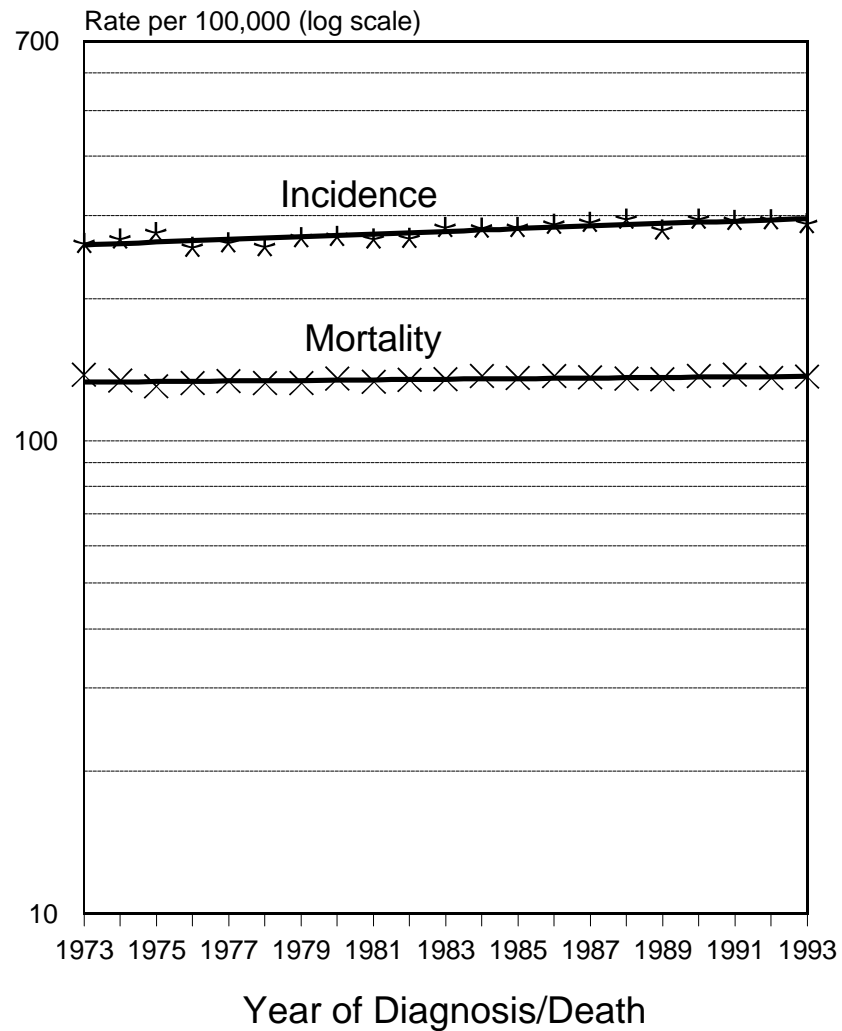
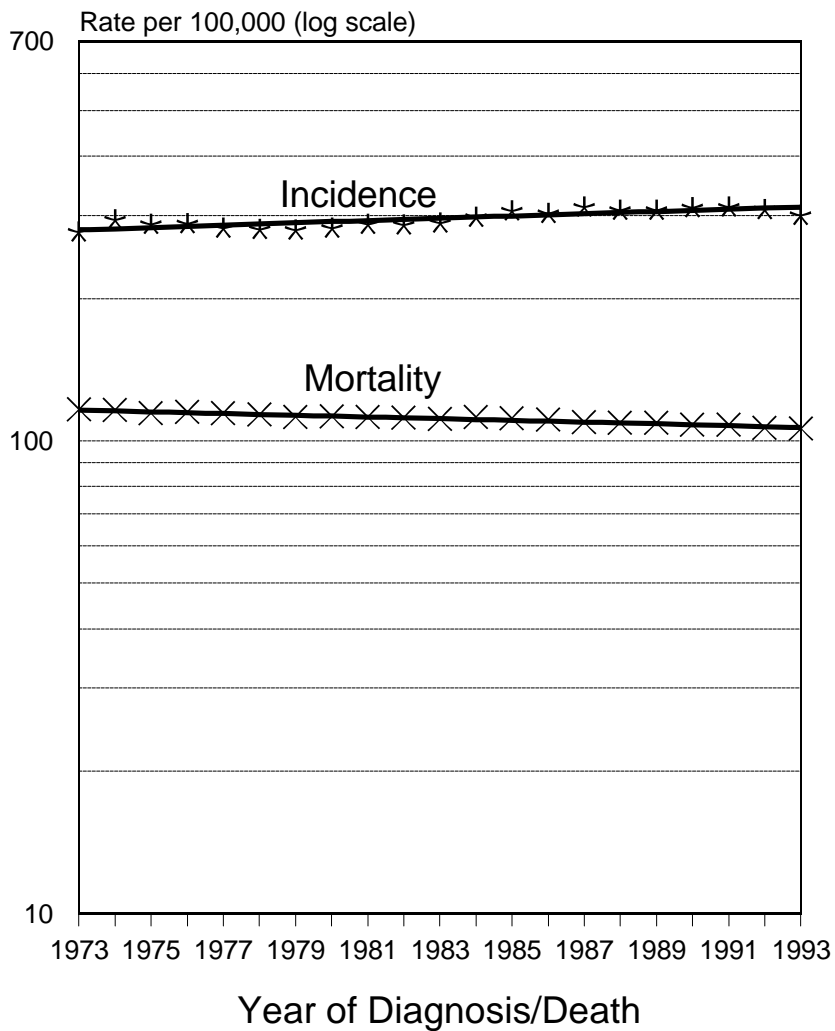


Figure II-9

# SEER Incidence and U.S. Mortality All Cancers Except Lung & Bronchus, Male Under 65 Years of Age, By Race

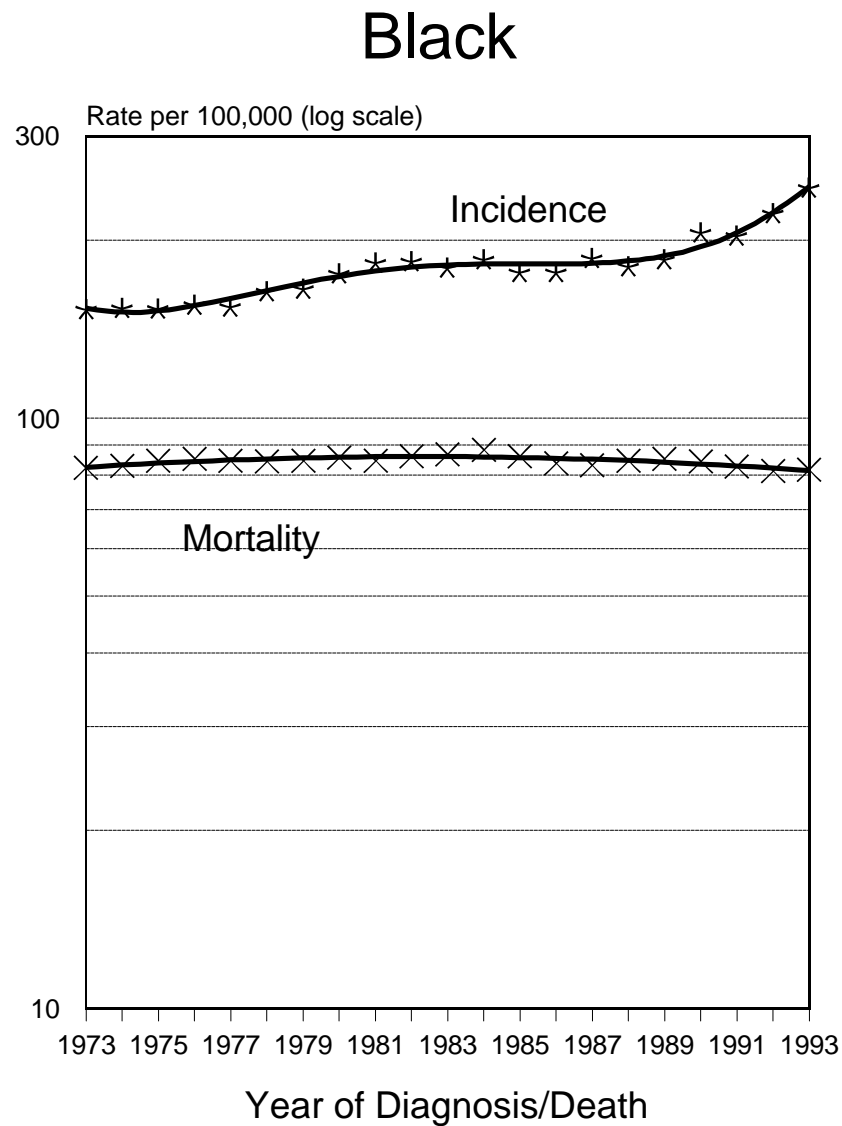
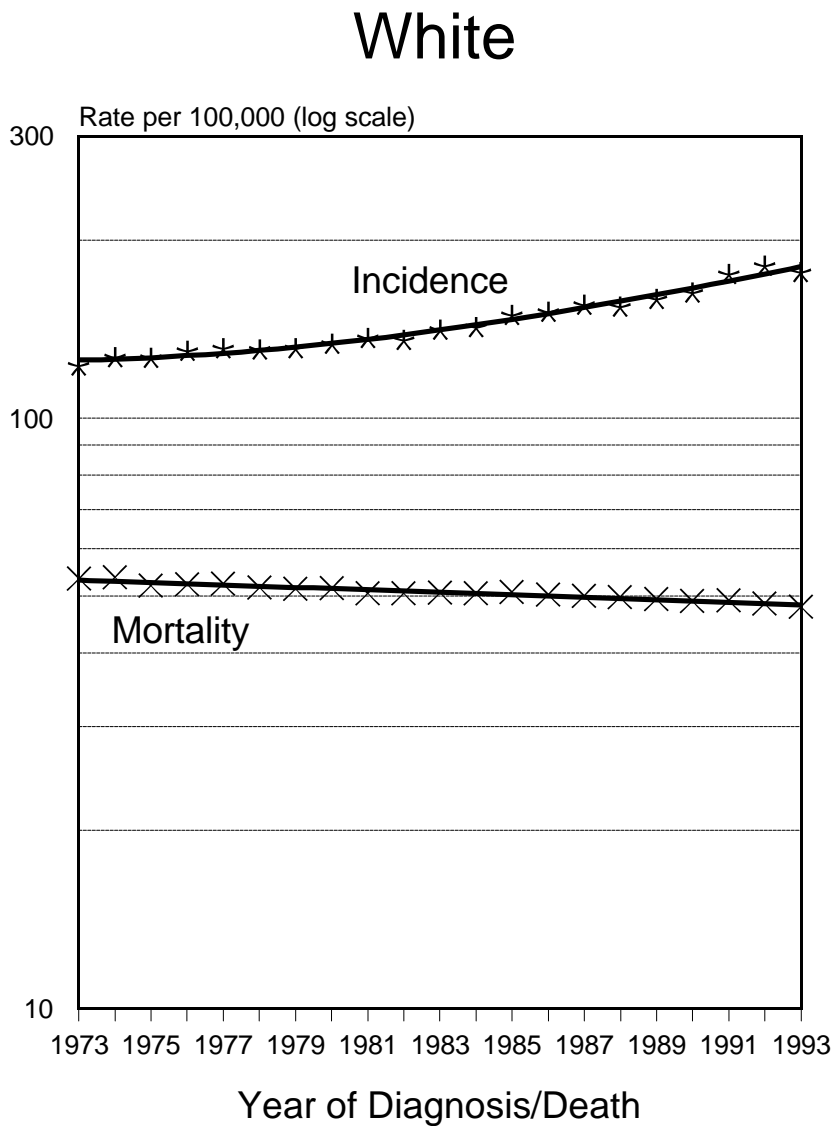


Figure II-10



# SEER Incidence and U.S. Mortality All Cancers Except Lung & Bronchus, Female Under 65 Years of Age, By Race

White

Black

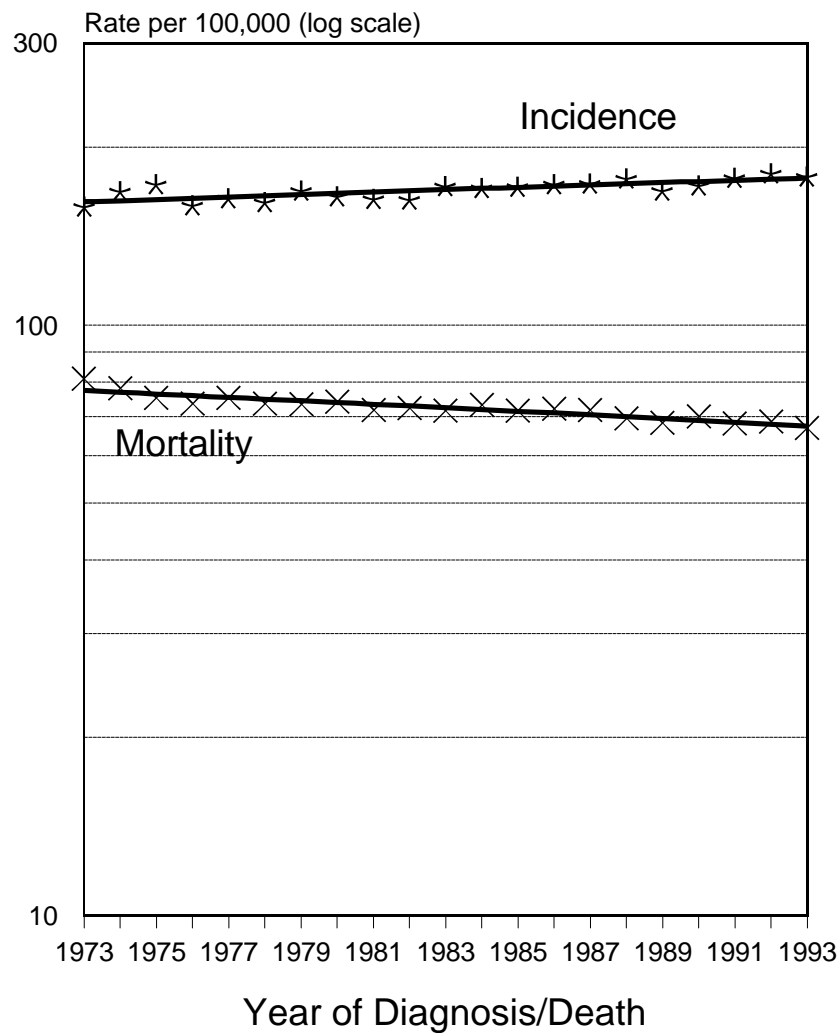
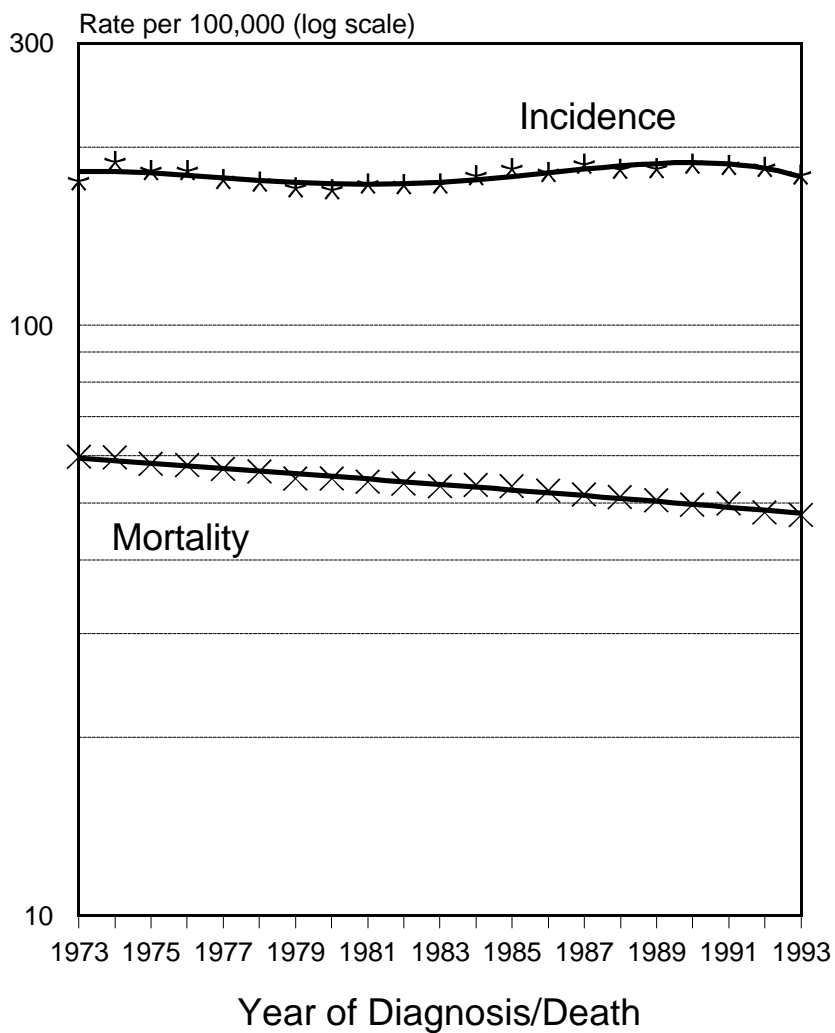


Figure II-11

# SEER Incidence and U.S. Mortality All Cancers Except Lung & Bronchus, Male 65 Years of Age and Over, By Race

White

Black

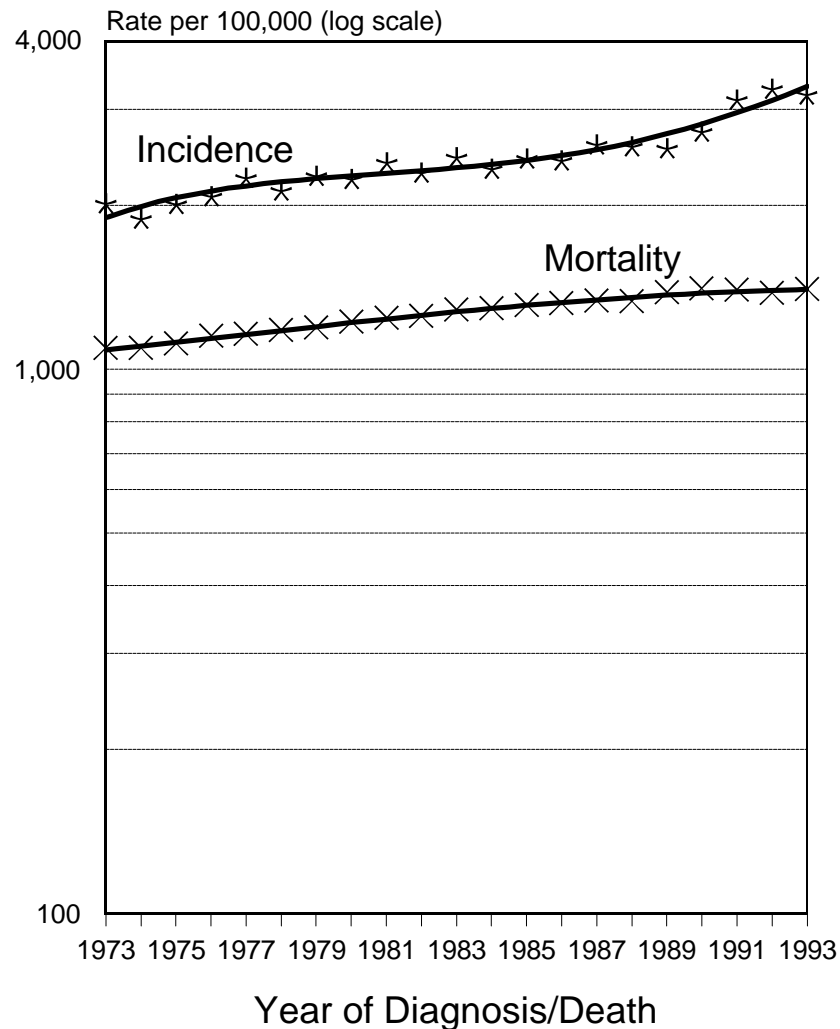
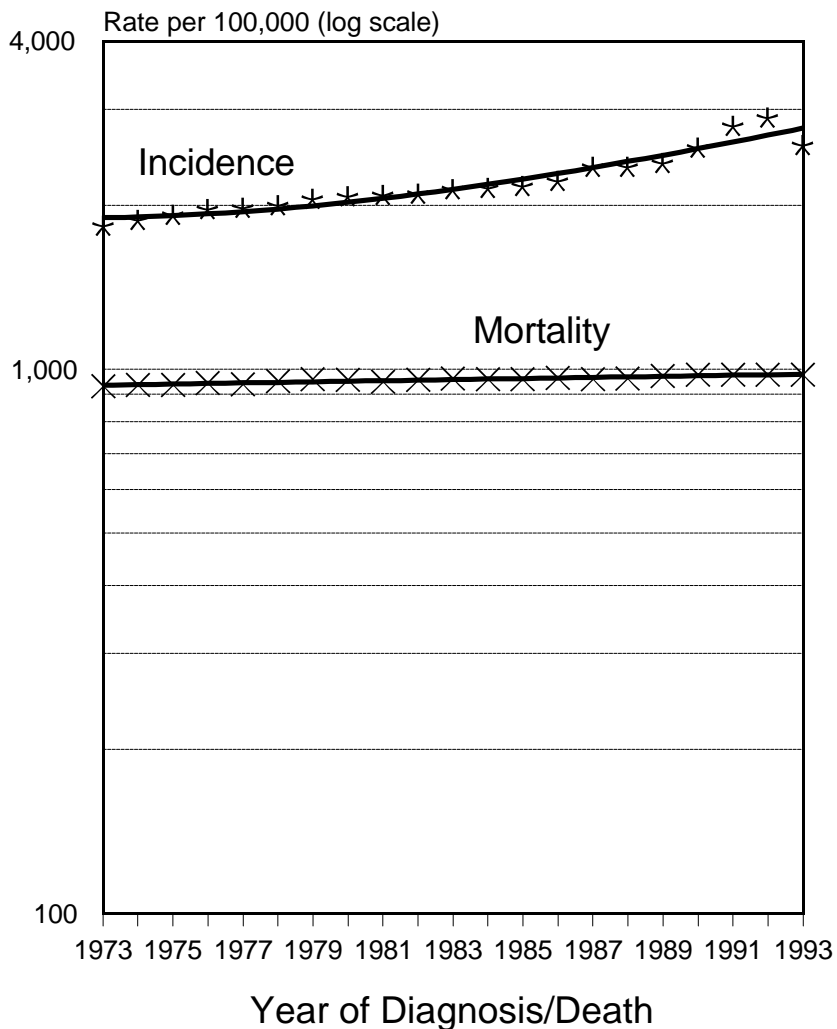


Figure II-12

# SEER Incidence and U.S. Mortality All Cancers Except Lung & Bronchus, Female 65 Years of Age and Over, By Race

White

Black

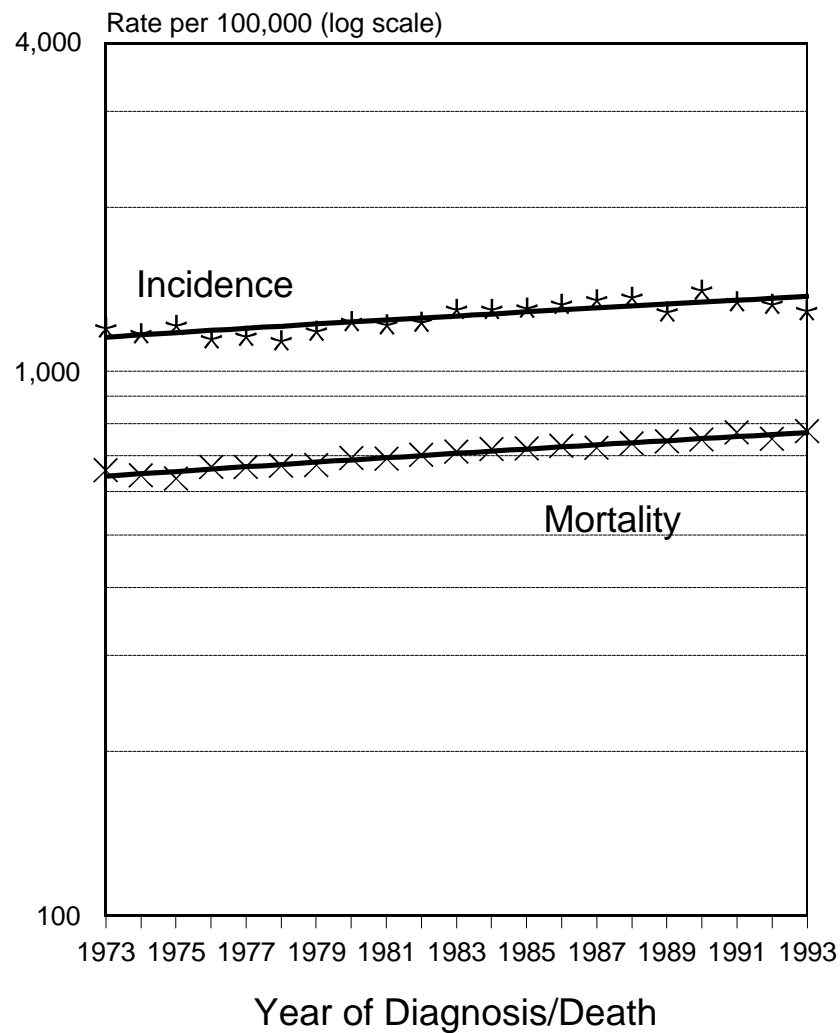
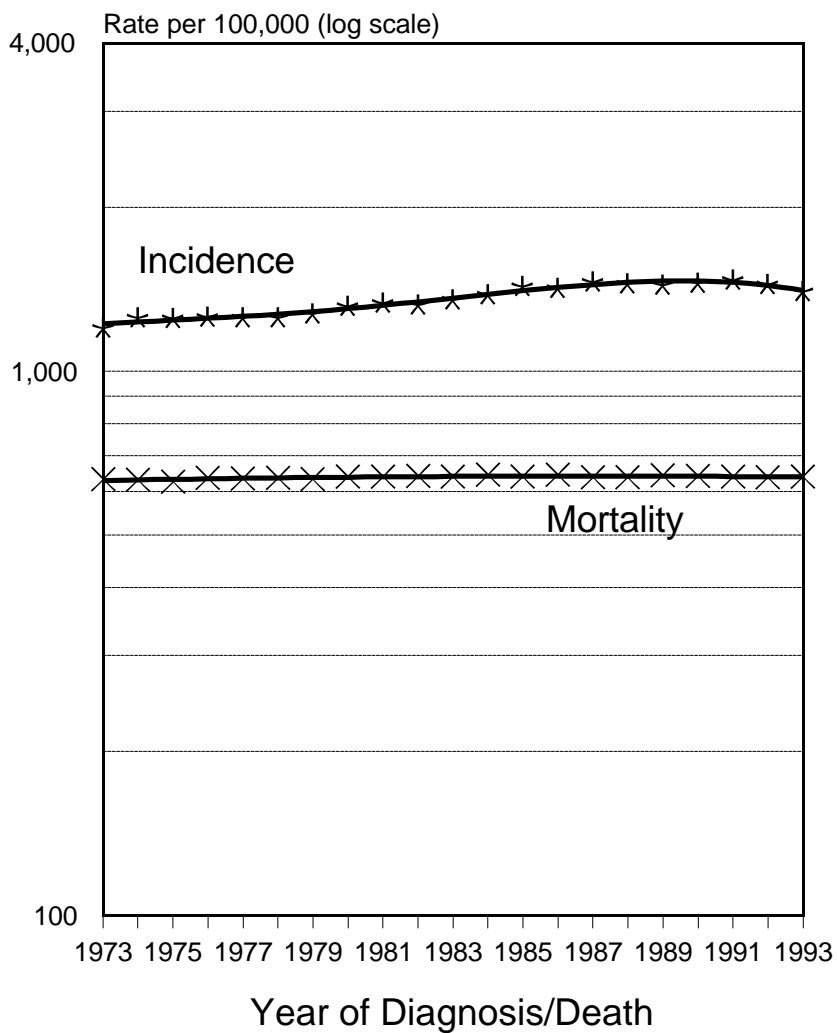
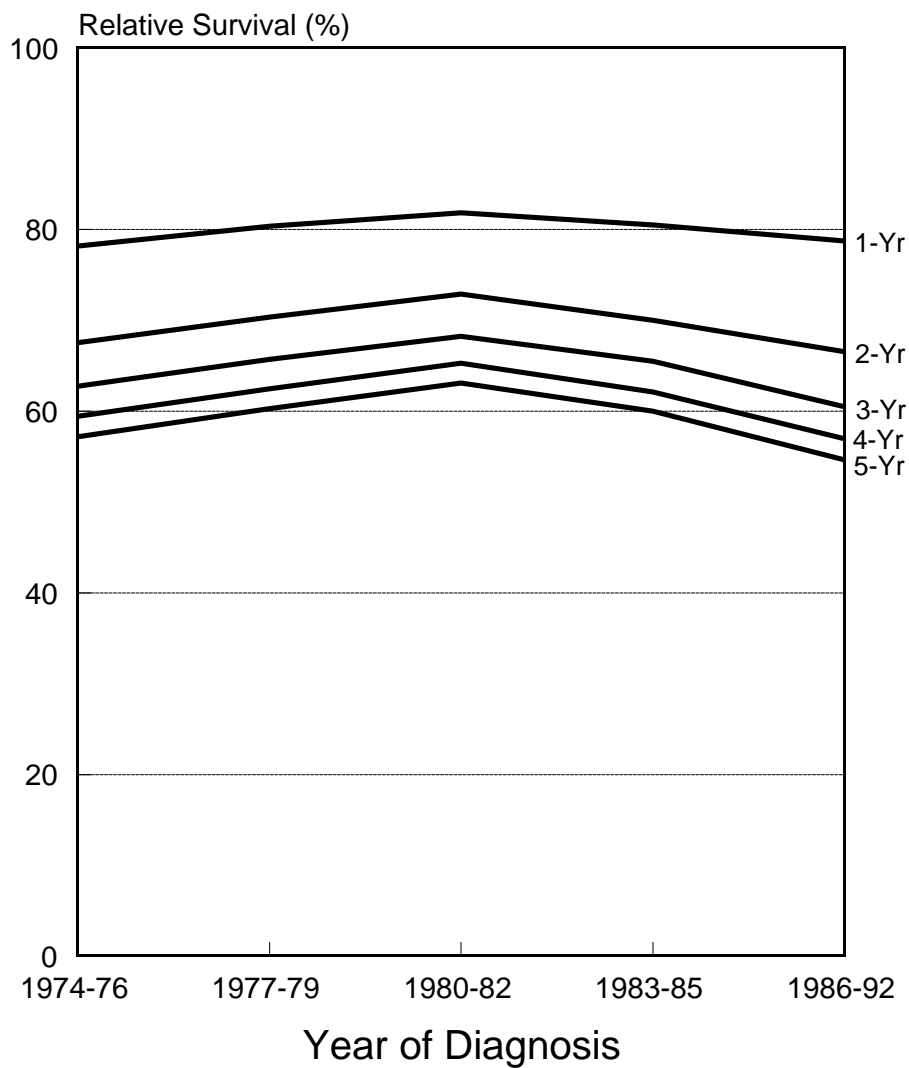


Figure II-13

# 1 to 5-Year Relative Survival Rates All Cancers, Under 45 Years of Age 1974-76 to 1986-92

## Male



## Female

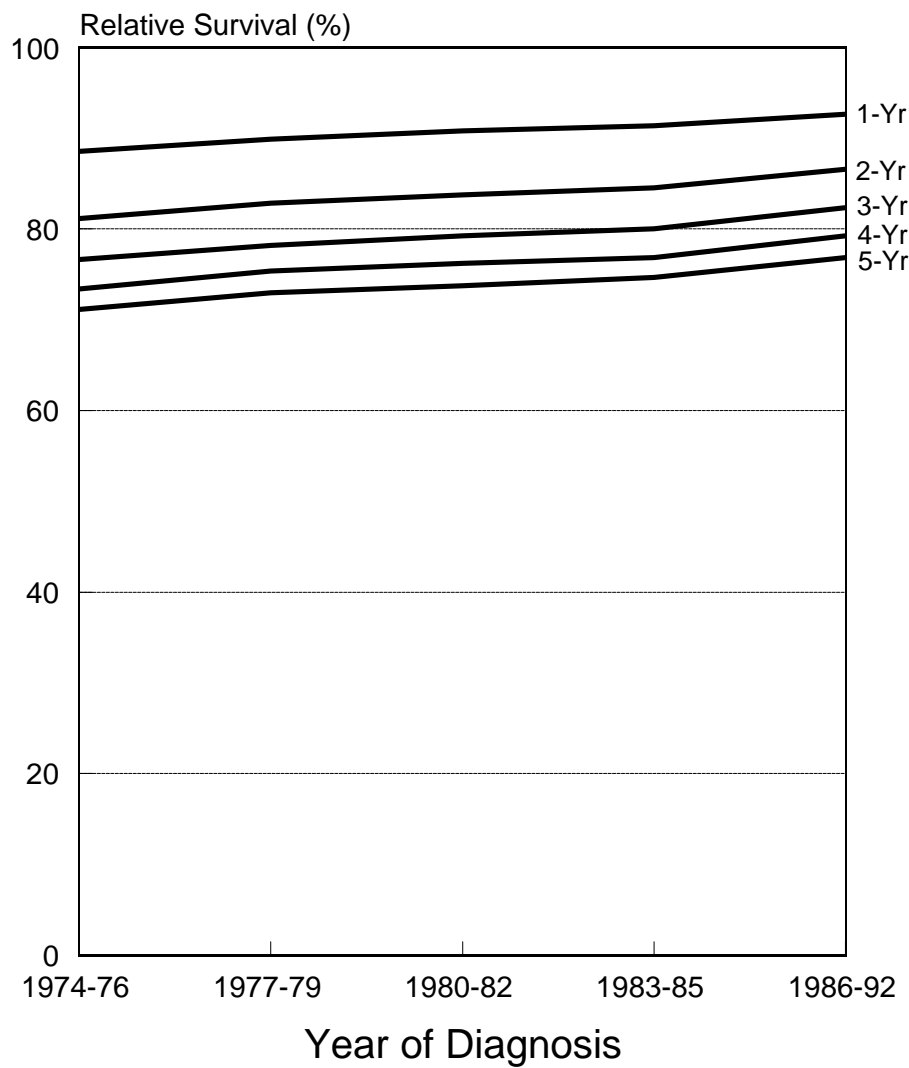
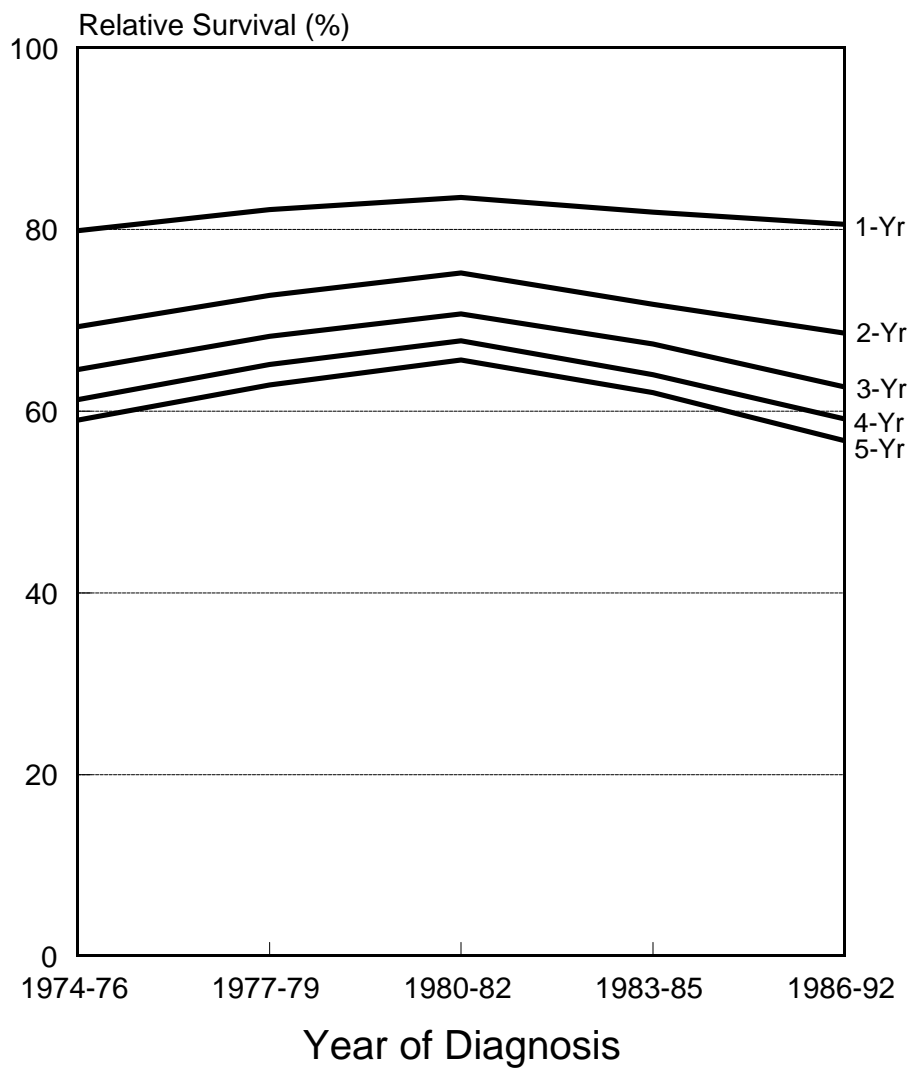


Figure II-14

# 1 to 5-Year Relative Survival Rates All Cancers, White, Under 45 Years of Age 1974-76 to 1986-92

Male



Female

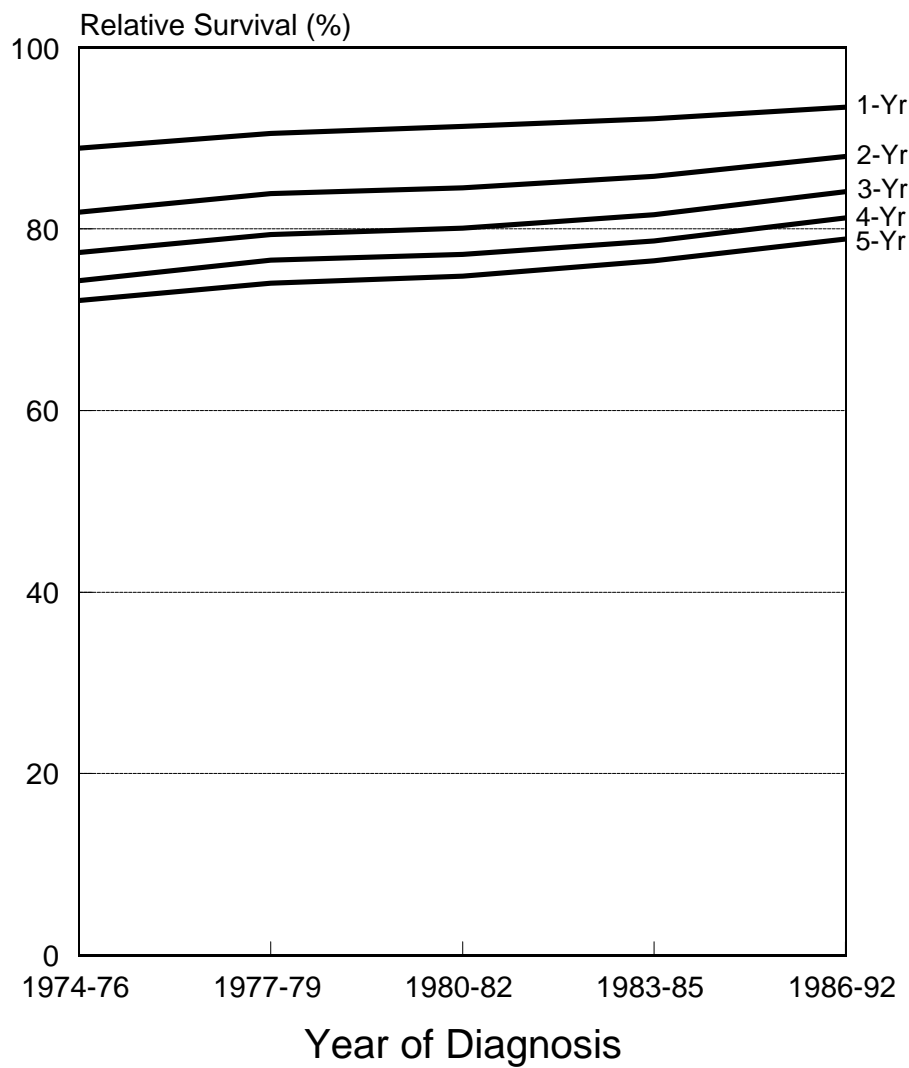
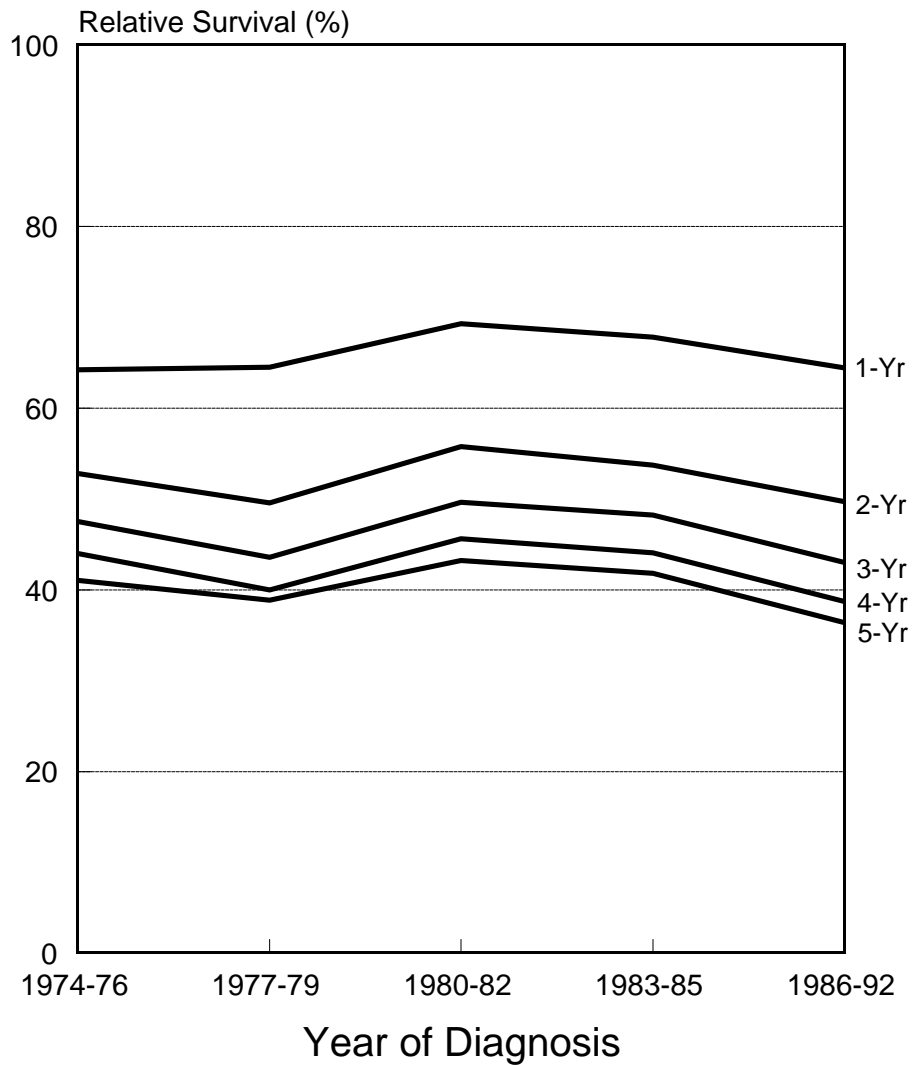


Figure II-15

# 1 to 5-Year Relative Survival Rates All Cancers, Black, Under 45 Years of Age 1974-76 to 1986-92

Male



Female

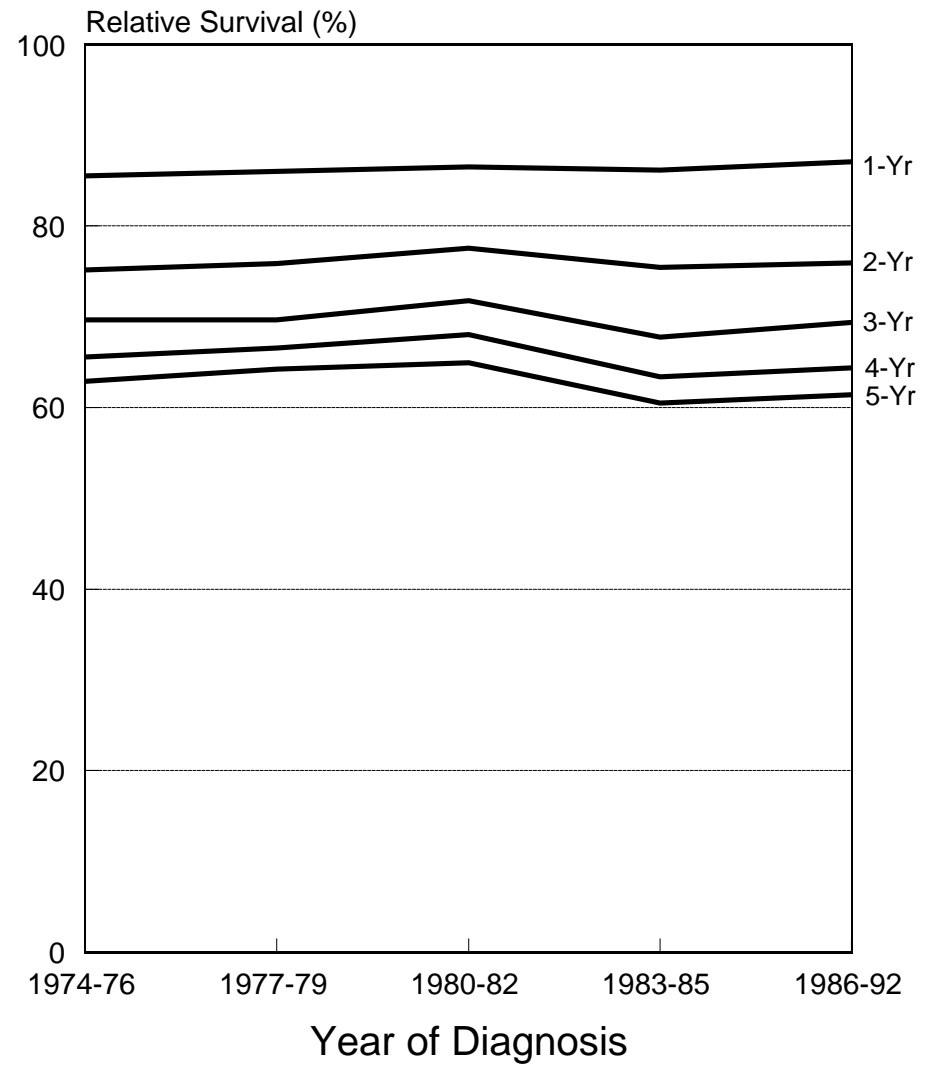


Figure II-16

# 1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, Under 45 Years of Age 1974-76 to 1986-92

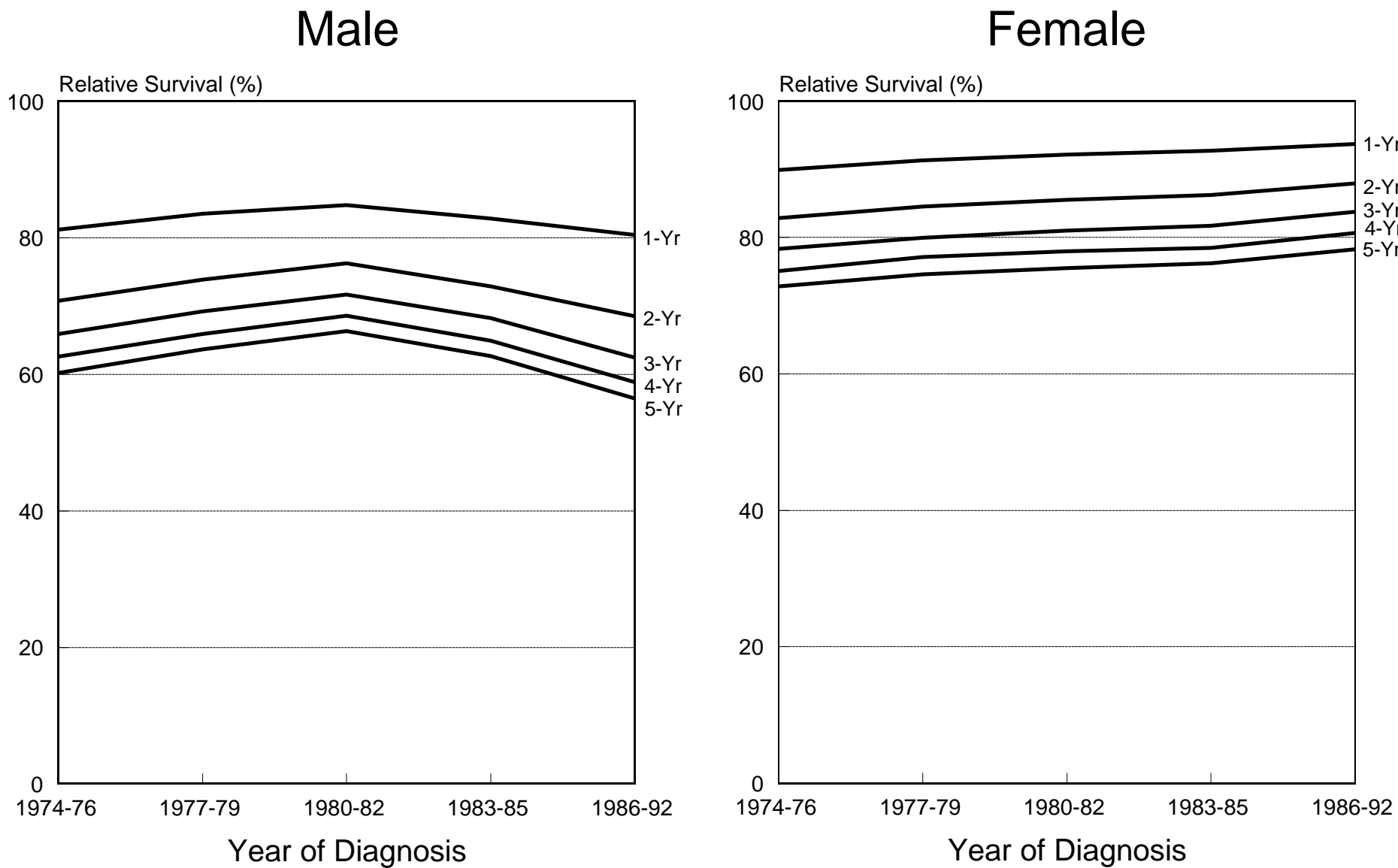


Figure II-17

# 1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, White, Under 45 Years of Age 1974-76 to 1986-92

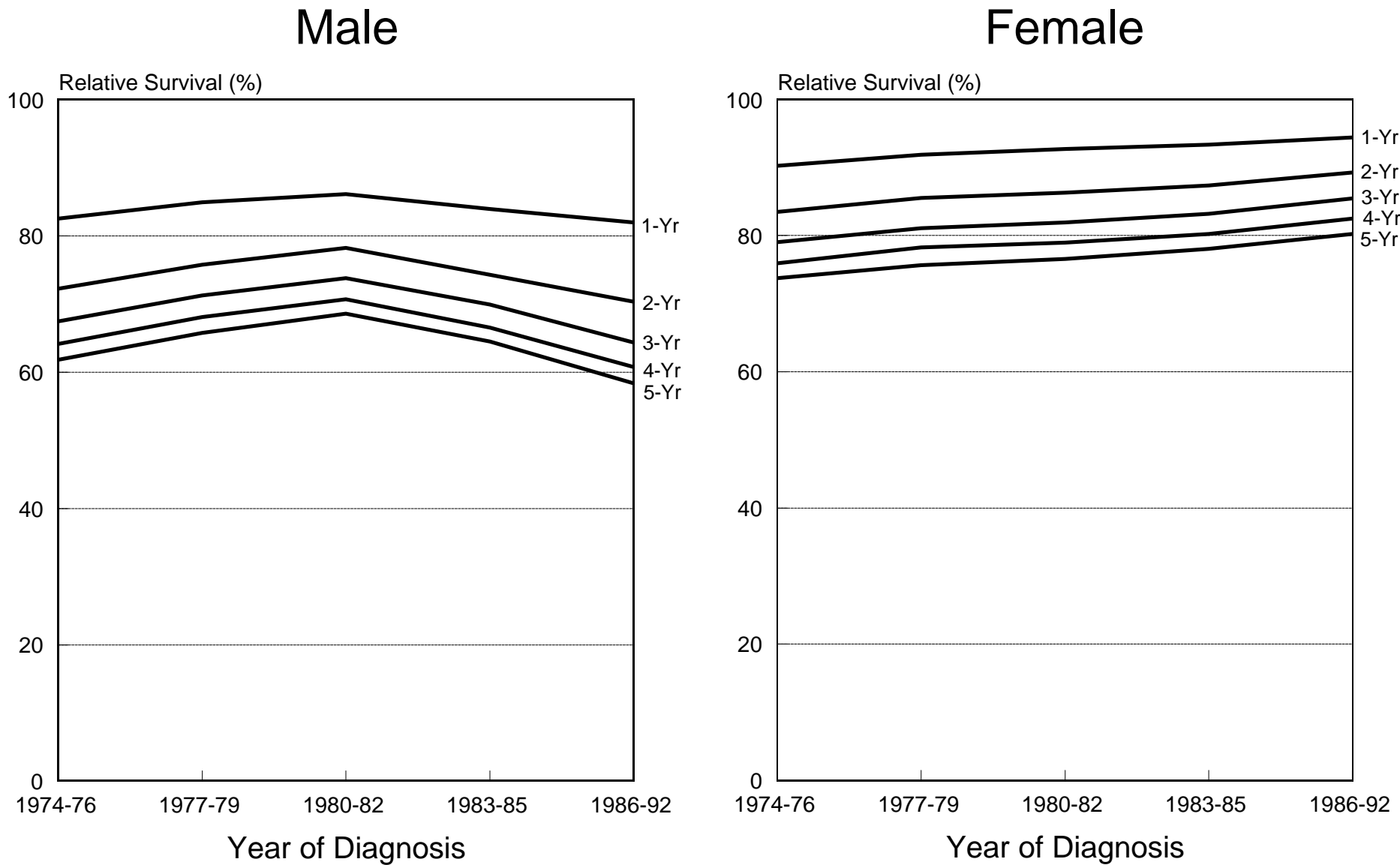


Figure II-18



# 1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, Black, Under 45 Years of Age 1974-76 to 1986-92

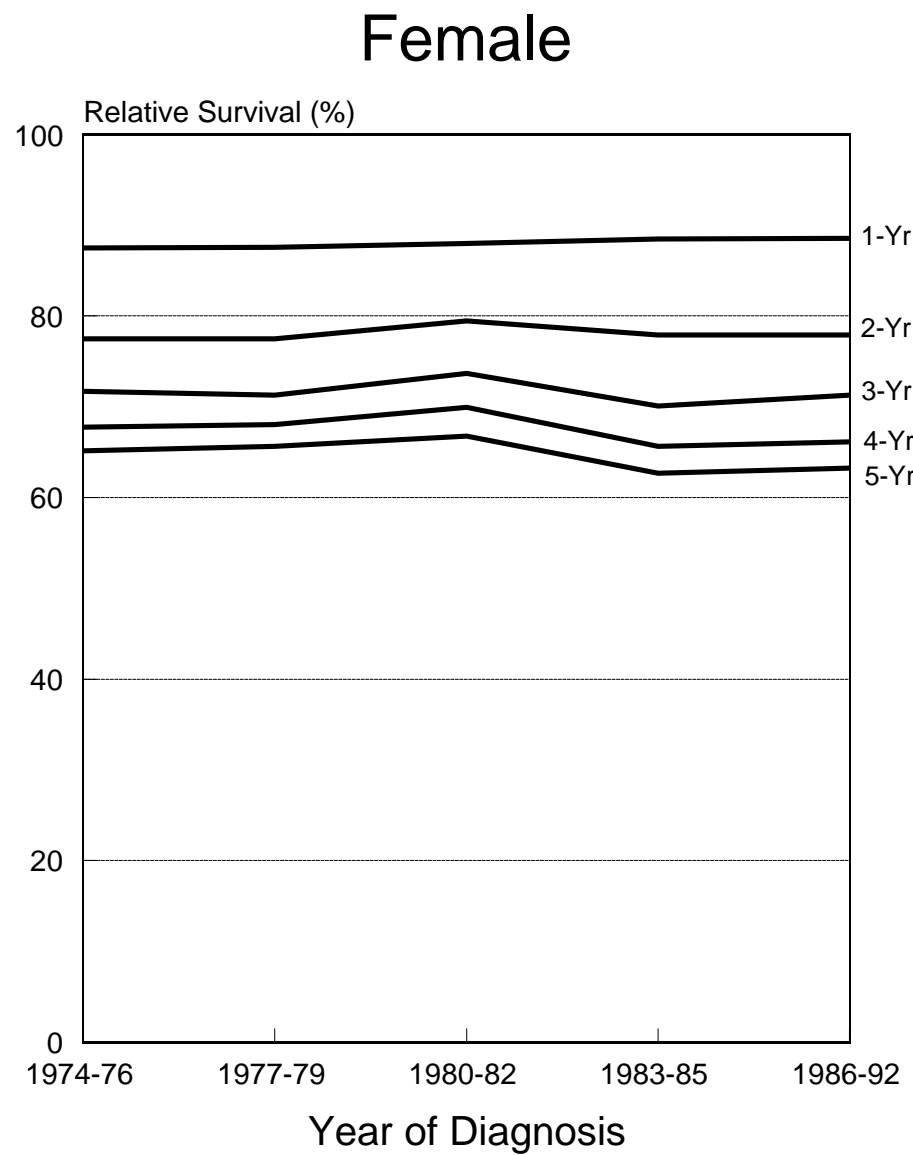
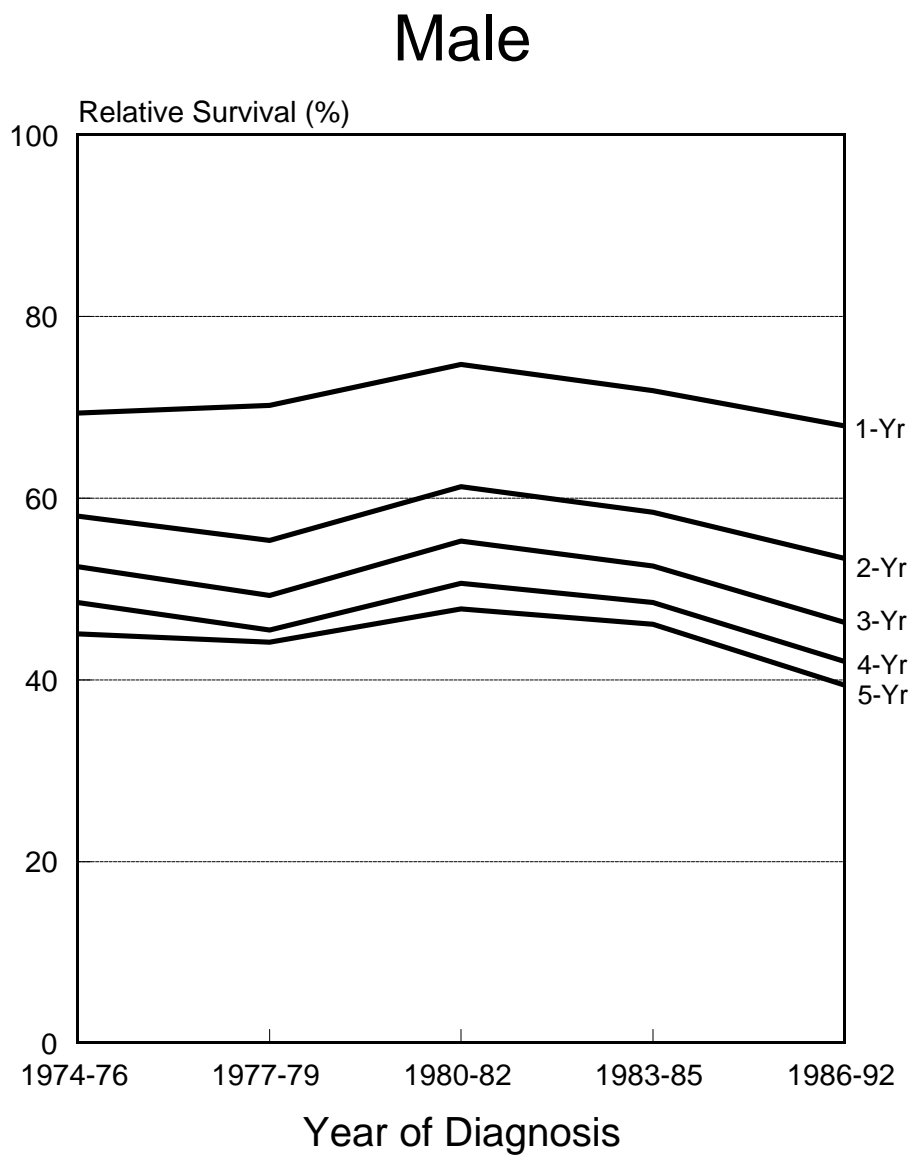


Figure II-19