

Table II-1  
ALL SITES (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY USING THE JOINPOINT REGRESSION PROGRAM, 1973-1997  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

	<u>All Races</u>		<u>Whites</u>		<u>Blacks</u>	
	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>
<u>SEER Cancer Incidence</u>						
Sex - Male and Female	1973-83	0.9★	1973-82	0.9★	1973-89	1.3★
	1983-92	1.8★	1982-92	1.8★	1989-93	2.9★
	1992-97	-1.3★	1992-97	-1.6★	1993-97	-2.5★
Sex - Male	1973-89	1.4★	1973-89	1.4★	1973-81	2.6★
	1989-92	5.2★	1989-92	5.2★	1981-89	0.8★
	1992-95	-4.6★	1992-95	-5.1★	1989-93	5.4★
	1995-97	-0.8	1995-97	-0.9	1993-97	-4.6★
Sex - Female	1973-80	0.2	1973-80	0.3	1973-91	1.1★
	1980-87	1.7★	1980-87	1.8★	1991-97	-0.2
	1987-97	0.2	1987-97	0.1		
<u>U.S. Cancer Mortality</u>						
Sex - Male and Female	1973-84	0.5★	1973-89	0.4★	1973-84	1.1★
	1984-91	0.2★	1989-94	-0.2	1984-91	0.5★
	1991-95	-0.6★	1994-97	-1.4★	1991-97	-1.1★
	1995-97	-1.7★				
Sex - Male	1973-80	0.7★	1973-79	0.7★	1973-83	1.7★
	1980-90	0.2★	1979-90	0.2★	1983-91	0.6★
	1990-94	-0.8★	1990-94	-0.7★	1991-97	-1.7★
	1994-97	-1.9★	1994-97	-1.9★		
Sex - Female	1973-90	0.5★	1973-90	0.5★	1973-75	-1.3
	1990-95	-0.2	1990-95	-0.1	1975-91	0.9★
	1995-97	-1.4	1995-97	-1.4	1991-97	-0.5★

The APC is the Annual Percent Change based on rates age-adjusted to the 1970 U.S. standard population using the Joinpoint Regression Program.

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

Table II-2  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY USING THE JOINPOINT REGRESSION PROGRAM, 1973-1997  
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

	<u>All Races</u>		<u>Whites</u>		<u>Blacks</u>	
	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>
<u>SEER Cancer Incidence</u>						
Sex - Male and Female	1973-82	0.5★	1973-82	0.6★	1973-89	1.1★
	1982-92	1.9★	1982-92	1.9★	1989-93	3.9★
	1992-97	-1.2★	1992-97	-1.5★	1993-97	-2.5★
Sex - Male	1973-89	1.5★	1973-88	1.5★	1973-89	1.6★
	1989-92	6.9★	1988-92	5.4★	1989-93	6.6★
	1992-95	-5.0★	1992-95	-5.3★	1993-97	-4.8★
	1995-97	-0.3	1995-97	-0.5		
Sex - Female	1973-82	-0.1	1973-80	-0.3	1973-91	0.7★
	1982-85	2.6	1980-87	1.4★	1991-97	0.0
	1985-97	0.1	1987-97	0.0		
<u>U.S. Cancer Mortality</u>						
Sex - Male and Female	1973-93	-0.2★	1973-94	-0.2★	1973-84	0.6★
	1993-97	-1.4★	1994-97	-1.7★	1984-93	0.1
				1993-97	-1.5★	
Sex - Male	1973-93	0.1★	1973-93	0.0	1973-84	1.2★
	1993-97	-1.7★	1993-97	-1.5★	1984-93	0.3★
				1993-97	-2.1★	
Sex - Female	1973-79	-0.6★	1973-79	-0.6★	1973-75	-2.1
	1979-85	-0.1	1979-85	-0.2	1975-91	0.3★
	1985-95	-0.6★	1985-95	-0.6★	1991-97	-0.8★
	1995-97	-2.0★	1995-97	-2.1★		

The APC is the Annual Percent Change based on rates age-adjusted to the 1970 U.S. standard population using the Joinpoint Regression Program.

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

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>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	320.0	365.0	293.5	319.7	364.3	295.2	353.2	441.4	283.8
1974	332.9	372.6	311.9	334.2	373.7	314.8	349.6	426.6	289.4
1975	332.7	378.8	307.7	333.9	379.7	310.7	356.8	438.4	296.4
1976	338.0	390.0	308.4	339.7	389.8	313.3	356.0	456.7	282.7
1977	337.7	393.9	304.5	338.8	394.1	308.0	365.8	470.3	291.9
1978	337.8	395.9	303.4	339.7	396.3	308.3	363.7	471.9	285.6
1979	341.4	401.7	305.5	342.3	401.7	308.7	375.5	484.8	298.7
1980	345.9	409.3	307.3	346.7	407.8	311.5	390.9	510.9	305.0
1981	352.1	414.3	314.4	353.6	412.9	320.1	395.5	528.6	300.7
1982	351.7	413.8	314.6	353.9	413.5	320.5	390.0	517.0	300.3
1983	357.5	421.9	318.2	359.7	421.3	324.3	407.0	534.5	319.0
1984	364.6	425.9	328.0	366.7	425.9	333.5	410.2	537.4	322.6
1985	372.5	431.5	337.3	375.7	431.7	344.2	408.4	533.1	323.4
1986	374.6	437.0	336.8	377.7	438.9	342.3	413.7	534.4	331.8
1987	387.8	456.0	345.9	392.6	458.5	354.0	417.8	549.0	329.1
1988	385.3	452.5	344.0	390.0	455.9	351.1	422.1	545.2	339.2
1989	388.3	460.2	342.6	393.7	463.6	351.0	414.5	545.8	326.7
1990	399.9	479.8	348.7	405.3	483.4	356.9	435.9	574.4	343.6
1991	417.3	516.0	351.4	423.2	520.2	359.7	456.3	623.5	344.5
1992	425.3	535.5	349.3	429.7	537.0	356.8	474.0	662.5	344.8
1993	411.6	509.2	342.9	413.3	504.4	350.1	475.9	673.2	337.8
1994	403.4	483.0	347.4	404.9	478.2	354.5	469.7	643.4	346.9
1995	397.1	467.0	348.0	399.2	461.8	356.5	451.5	608.6	338.3
1996	396.3	463.9	348.5	396.9	458.2	354.7	446.9	586.4	346.4
1997	395.0	456.2	352.0	395.2	448.9	358.7	434.3	571.7	335.7
<u>AGE-ADJUSTED RATES, 1993-97</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	400.6	475.5	347.8	401.9	469.9	355.0	455.2	615.5	340.9
Under 65	207.4	210.3	205.7	207.1	205.9	209.2	245.8	299.7	203.1
65 and over	2163.9	2895.5	1645.3	2179.4	2879.9	1685.1	2366.2	3497.8	1598.4
All ages (world std.) <sup>§</sup>	323.3	373.8	287.1	324.3	369.2	293.0	369.4	490.2	281.2
<u>AGE-SPECIFIC RATES, 1993-97</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	20.6	22.6	18.5	20.9	23.2	18.6	17.6	18.7	16.5
5-9	10.5	11.5	9.4	10.8	11.6	10.0	8.7	10.4	6.9
10-14	12.3	12.7	11.9	12.4	12.3	12.4	11.2	11.8	10.5
15-19	20.3	20.8	19.8	21.3	21.9	20.6	14.3	13.8	14.7
20-24	34.6	32.8	36.4	35.7	34.2	37.3	28.3	28.2	28.4
25-29	60.4	56.3	64.5	63.6	59.2	68.1	46.7	45.8	47.4
30-34	90.1	82.5	97.7	91.8	84.5	99.2	85.5	81.3	89.0
35-39	131.8	106.0	157.4	132.4	105.9	159.3	127.9	113.6	140.3
40-44	205.2	156.1	253.0	202.0	152.0	252.0	229.1	201.5	252.8
45-49	344.7	268.2	419.5	338.6	257.2	420.3	409.9	391.0	426.2
50-54	568.8	525.8	610.1	561.1	505.1	616.2	724.4	831.3	633.5
55-59	879.9	946.9	817.0	875.3	918.5	833.6	1108.5	1468.5	819.4
60-64	1298.4	1557.7	1064.5	1305.9	1531.2	1096.8	1595.3	2270.1	1067.5
65-69	1790.1	2332.0	1335.7	1813.0	2319.4	1380.9	2025.7	2967.8	1292.0
70-74	2249.2	2997.5	1668.4	2263.0	2969.6	1712.3	2584.6	3910.2	1648.6
75-79	2449.9	3283.3	1868.4	2464.2	3264.9	1908.2	2593.9	3823.1	1797.9
80-84	2519.8	3439.1	1987.6	2524.9	3420.0	2017.3	2560.4	3797.7	1893.0
85+	2323.1	3330.2	1911.6	2328.3	3357.0	1926.7	2283.3	3185.1	1883.1

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<b>AGE-ADJUSTED RATES</b>									
<b>YEAR OF DIAGNOSIS:</b>									
1973	277.5	291.9	275.3	278.1	291.9	277.4	294.4	336.8	262.8
1974	289.0	298.1	292.0	290.8	299.6	295.0	290.8	324.8	267.6
1975	287.4	302.6	286.2	288.8	303.9	288.8	300.2	337.4	275.8
1976	290.2	310.6	284.6	292.5	311.3	289.5	293.5	346.0	257.5
1977	288.7	313.1	279.8	290.5	314.1	283.3	301.5	361.5	263.0
1978	287.6	313.9	277.2	290.0	315.2	281.8	298.7	358.5	258.5
1979	290.5	320.3	277.7	291.9	321.0	280.8	310.2	373.3	269.2
1980	293.6	324.9	279.2	295.4	325.5	283.3	314.9	379.9	271.2
1981	298.2	329.8	283.6	300.2	329.5	288.8	322.3	402.5	267.8
1982	296.9	328.7	282.3	299.3	329.7	287.2	318.8	393.5	268.9
1983	302.5	337.8	284.9	305.2	339.2	289.9	331.2	403.8	284.2
1984	307.8	339.4	293.4	311.0	341.8	298.7	327.4	397.0	282.8
1985	316.4	347.7	302.0	320.2	349.8	308.3	329.4	401.8	283.1
1986	317.7	353.4	299.8	321.4	357.0	304.7	332.3	400.2	288.7
1987	329.3	370.7	307.3	334.0	374.2	314.3	343.4	425.0	290.6
1988	326.6	369.2	303.6	331.1	373.6	309.5	344.3	419.3	296.4
1989	330.3	378.0	302.5	335.7	382.4	309.9	336.2	422.4	281.1
1990	341.2	398.2	307.2	346.5	402.6	314.4	359.7	456.9	296.7
1991	357.7	434.3	308.3	363.9	440.0	315.6	374.9	498.5	294.8
1992	365.7	454.0	306.2	370.5	457.7	312.5	392.2	535.1	296.2
1993	353.8	430.7	300.6	355.4	427.3	306.3	400.8	557.6	292.1
1994	346.4	407.7	304.1	347.8	403.7	310.1	393.7	530.9	297.7
1995	340.6	392.6	305.0	342.6	389.2	311.7	377.6	492.2	295.1
1996	340.8	392.1	305.2	341.2	387.8	309.8	375.1	481.9	298.1
1997	340.6	387.1	308.9	340.5	381.3	313.8	365.8	467.5	293.1
<b>AGE-ADJUSTED RATES, 1993-97</b>									
<b>AGE AT DIAGNOSIS:</b>									
All ages	344.4	401.7	304.9	345.5	397.6	310.4	382.3	505.0	295.1
Under 65	183.1	181.1	185.7	183.2	178.3	188.7	207.9	245.7	178.3
65 and over	1817.1	2415.1	1392.1	1826.7	2399.2	1421.1	1973.4	2871.7	1361.7
All ages (world std.) <sup>§</sup>	279.4	317.1	253.2	280.3	313.9	257.8	310.8	402.8	244.0
<b>AGE-SPECIFIC RATES, 1993-97</b>									
<b>AGE AT DIAGNOSIS:</b>									
0-4	20.6	22.6	18.5	20.9	23.2	18.6	17.6	18.7	16.5
5-9	10.5	11.5	9.4	10.8	11.6	10.0	8.7	10.4	6.9
10-14	12.3	12.7	11.9	12.3	12.3	12.4	11.2	11.8	10.5
15-19	20.2	20.7	19.7	21.2	21.8	20.5	14.3	13.8	14.7
20-24	34.3	32.5	36.1	35.4	34.0	37.0	27.8	27.4	28.1
25-29	59.8	55.6	64.1	63.0	58.6	67.6	45.8	44.6	46.9
30-34	88.4	80.6	96.1	90.1	82.7	97.7	83.0	78.1	87.1
35-39	126.8	100.7	152.6	127.9	101.5	154.8	117.8	100.5	132.7
40-44	193.0	141.8	242.9	191.6	140.4	242.8	203.0	165.7	235.1
45-49	314.5	235.2	392.2	310.1	227.3	393.2	356.9	324.1	385.2
50-54	500.1	446.7	551.5	495.5	432.5	557.6	604.1	667.6	550.2
55-59	751.6	792.7	713.0	748.3	772.7	724.8	911.4	1170.1	703.5
60-64	1086.7	1295.3	898.6	1092.6	1275.0	923.3	1302.3	1846.0	877.1
65-69	1481.0	1931.2	1103.5	1496.9	1919.8	1135.9	1658.6	2434.4	1054.4
70-74	1870.4	2489.6	1389.7	1879.1	2467.5	1420.3	2129.8	3184.2	1385.3
75-79	2050.8	2724.2	1581.0	2056.5	2699.9	1609.8	2176.6	3137.7	1554.1
80-84	2154.2	2889.4	1728.6	2154.1	2864.1	1751.6	2179.9	3092.6	1687.5
85+	2077.9	2884.2	1748.5	2085.5	2905.4	1765.4	2038.3	2759.6	1718.2

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DEATH:</u>									
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	228.9	321.5	168.8
1991	173.3	219.8	142.2	169.6	213.2	140.6	227.5	316.8	169.6
1992	172.0	217.4	141.5	168.4	211.0	140.0	224.8	311.1	169.2
1993	171.9	216.6	141.6	168.3	210.0	140.1	225.7	313.7	168.9
1994	170.6	213.6	141.3	167.3	207.5	140.1	221.8	305.8	167.4
1995	168.8	210.2	140.6	165.6	204.4	139.2	219.7	299.7	168.0
1996	166.6	206.6	138.9	163.5	200.9	137.7	216.0	294.8	164.8
1997	163.7	201.9	137.0	160.6	196.5	135.6	213.0	285.5	165.8
<u>AGE-ADJUSTED RATES, 1993-97</u>									
<u>AGE AT DEATH:</u>									
All ages	168.3	209.7	139.8	165.0	203.8	138.5	219.1	299.6	166.9
Under 65	68.8	75.7	62.5	66.4	72.0	61.2	98.8	122.0	80.9
65 and over	1076.2	1432.1	845.6	1065.4	1406.4	844.3	1316.9	1920.6	952.3
All ages (world std.)N	128.7	157.1	108.5	125.9	152.2	107.3	170.2	227.8	131.5
<u>AGE-SPECIFIC RATES, 1993-97</u>									
<u>AGE AT DEATH:</u>									
0-4	2.9	3.2	2.6	2.9	3.2	2.5	2.8	3.0	2.7
5-9	2.8	3.1	2.6	2.9	3.2	2.6	2.9	2.9	2.8
10-14	2.7	3.0	2.3	2.7	3.0	2.3	2.6	2.8	2.5
15-19	3.9	4.4	3.2	3.8	4.5	3.1	4.2	4.6	3.8
20-24	5.4	6.4	4.4	5.3	6.3	4.3	6.3	7.3	5.3
25-29	8.6	9.0	8.2	8.4	8.8	7.9	10.7	10.7	10.7
30-34	15.0	14.3	15.7	14.4	13.9	15.0	20.5	18.8	21.9
35-39	27.8	24.6	31.0	26.3	23.5	29.2	40.9	35.7	45.4
40-44	53.2	49.1	57.3	50.0	45.7	54.3	82.3	80.8	83.6
45-49	102.5	99.9	105.1	96.5	92.2	100.8	163.5	179.3	150.1
50-54	190.9	200.8	181.6	182.3	187.8	177.1	294.5	357.7	243.0
55-59	323.0	362.9	286.3	312.2	344.0	282.2	465.6	600.5	360.2
60-64	517.1	614.8	430.5	505.4	591.5	427.2	701.1	941.1	520.4
65-69	741.7	921.2	592.6	733.0	900.5	591.9	925.7	1253.2	682.4
70-74	1006.0	1286.0	790.8	991.8	1254.7	787.6	1301.2	1840.1	934.2
75-79	1240.7	1637.2	968.0	1231.7	1610.5	969.3	1477.2	2174.2	1049.2
80-84	1523.2	2144.6	1171.5	1509.8	2113.4	1168.0	1820.5	2843.2	1295.2
85+	1783.6	2724.7	1410.2	1775.4	2707.3	1410.5	2015.7	3260.0	1503.1

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

N 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\*, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DEATH:</u>									
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	123.2	145.5	110.0	120.0	140.4	108.1	166.3	214.5	137.0
1991	123.3	145.4	110.0	120.1	140.7	108.0	165.9	212.1	137.6
1992	122.1	144.5	108.5	119.0	140.0	106.4	163.3	208.7	135.8
1993	121.8	144.1	108.1	118.6	139.4	106.0	164.9	211.3	136.6
1994	121.1	142.8	107.6	118.1	138.4	105.7	161.8	206.7	134.2
1995	119.6	140.8	106.4	116.7	136.5	104.4	160.4	202.7	134.6
1996	117.8	138.5	104.6	115.0	134.3	102.8	157.7	200.5	131.4
1997	115.4	135.3	102.5	112.5	131.2	100.5	155.4	194.3	131.3
<u>AGE-ADJUSTED RATES, 1993-97</u>									
<u>AGE AT DEATH:</u>									
All ages	119.1	140.2	105.8	116.1	135.9	103.8	159.9	202.9	133.5
Under 65	48.5	49.4	47.8	46.5	46.9	46.2	70.6	78.4	64.8
65 and over	763.5	969.6	635.5	751.5	948.2	629.6	974.8	1339.8	761.0
All ages (world std.)N	90.7	104.2	82.1	88.2	100.7	80.3	123.4	152.5	105.0
<u>AGE-SPECIFIC RATES, 1993-97</u>									
<u>AGE AT DEATH:</u>									
0-4	2.9	3.2	2.5	2.9	3.2	2.5	2.8	3.0	2.7
5-9	2.8	3.1	2.5	2.9	3.1	2.5	2.9	2.9	2.8
10-14	2.7	3.0	2.3	2.7	3.0	2.3	2.6	2.8	2.5
15-19	3.8	4.4	3.2	3.8	4.5	3.1	4.1	4.5	3.7
20-24	5.3	6.3	4.3	5.2	6.2	4.2	6.2	7.3	5.2
25-29	8.4	8.7	8.0	8.1	8.6	7.7	10.5	10.4	10.5
30-34	14.0	13.2	14.9	13.5	12.8	14.1	19.1	17.1	20.9
35-39	24.5	20.8	28.0	23.2	20.0	26.4	35.5	28.6	41.6
40-44	44.0	37.9	50.0	41.6	35.8	47.3	65.7	57.4	73.0
45-49	79.0	71.1	86.6	74.5	66.3	82.7	123.3	120.7	125.5
50-54	135.1	130.4	139.6	128.4	122.0	134.6	209.0	226.4	194.9
55-59	215.5	223.4	208.1	206.6	210.9	202.6	317.8	370.0	277.0
60-64	334.4	369.3	303.3	323.6	353.1	296.8	472.4	577.1	393.5
65-69	477.6	555.8	412.8	467.8	539.5	407.4	627.4	783.3	511.4
70-74	673.6	814.4	565.4	659.5	790.4	557.9	914.2	1204.7	716.4
75-79	881.2	1106.5	726.3	869.6	1083.3	721.6	1105.6	1526.2	847.3
80-84	1163.3	1561.4	938.0	1147.6	1532.0	929.8	1459.3	2150.2	1104.5
85+	1506.6	2201.5	1230.8	1497.6	2182.0	1229.6	1737.1	2704.0	1338.8

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

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

Table II-7  
ALL SITES (Invasive)

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<b>5-YR RELATIVE SURVIVAL RATES</b>									
YEAR OF DIAGNOSIS:									
1960-63 <sup>a</sup>	-	-	-	39	-	-	27	-	-
1970-73 <sup>a</sup>	-	-	-	43	-	-	31	-	-
1974-76 <sup>b</sup>	49.6	41.1	57.1	50.6	42.2	57.9	39.1	31.7	47.0
1977-79 <sup>b</sup>	50.0	43.3	56.3	51.2	44.6	57.1	39.2	32.4	46.6
1980-82 <sup>b</sup>	51.0	45.3	56.3	52.1	46.7	57.1	39.7	34.4	46.0
1983-85 <sup>b</sup>	52.5	46.8	57.8	53.9	48.5	58.8	39.8	34.6	45.4
1986-88 <sup>b</sup>	55.3	50.1	60.3	56.7	51.8	61.5	42.6	37.7	47.8
1989-96 <sup>b</sup>	60.0 <b>S</b>	58.4 <b>S</b>	61.7 <b>S</b>	61.5 <b>S</b>	60.1 <b>S</b>	63.0 <b>S</b>	48.9 <b>S</b>	48.5 <b>S</b>	49.3 <b>S</b>
<b>5-YR RELATIVE SURVIVAL RATES, 1989-96<sup>b</sup></b>									
AGE AT DIAGNOSIS:									
<45	68.8	56.7	78.3	71.1	59.3	80.7	52.3	37.9	63.2
45-54	63.3	52.4	71.3	65.6	55.0	73.3	47.8	39.3	55.9
55-64	59.9	57.9	62.4	61.6	59.7	63.9	49.0	49.8	47.9
65-74	60.3	62.9	56.7	61.5	64.1	58.0	51.1	56.7	42.5
75+	52.6	57.0	48.6	53.7	58.0	49.9	43.0	49.7	36.1
Under 65	63.3	56.2	69.9	65.3	58.5	71.7	49.6	44.0	55.5
65 and over	57.2	60.7	53.1	58.4	61.8	54.4	48.3	54.4	40.0

<sup>a</sup>  
<sup>b</sup>

Rates are based on End Results data from a series of hospital registries and one population-based registry. 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 1997.

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The difference in rates between 1974-76 and 1989-96 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-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>									
<u>YEAR OF DIAGNOSIS:</u>									
1960-63 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1970-73 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1974-76 <sup>b</sup>	55.5	49.1	60.2	56.5	50.4	61.0	44.8	39.0	49.8
1977-79 <sup>b</sup>	56.3	51.8	59.9	57.4	53.2	60.7	45.4	40.5	49.6
1980-82 <sup>b</sup>	57.6	54.1	60.5	58.8	55.7	61.4	46.2	42.6	49.6
1983-85 <sup>b</sup>	59.3	55.6	62.4	60.8	57.4	63.6	46.4	43.2	49.4
1986-88 <sup>b</sup>	62.4	58.7	65.7	64.0	60.5	67.0	49.3	45.7	52.6
1989-96 <sup>b</sup>	67.2 <b>S</b>	66.7 <b>S</b>	67.7 <b>S</b>	68.7 <b>S</b>	68.4 <b>S</b>	69.2 <b>S</b>	55.9 <b>S</b>	57.3 <b>S</b>	54.5 <b>S</b>
<u>5-YR RELATIVE SURVIVAL RATES, 1989-96<sup>b</sup></u>									
<u>AGE AT DIAGNOSIS:</u>									
<45	70.4	58.5	79.6	72.6	60.9	81.9	55.0	41.0	65.0
45-54	69.6	59.8	76.2	71.8	62.2	78.2	55.2	47.5	61.5
55-64	68.8	67.9	69.8	70.6	69.6	71.6	58.1	61.1	54.1
65-74	69.4	73.1	64.5	70.8	74.4	66.0	60.2	67.4	49.3
75+	59.4	65.5	53.8	60.6	66.7	55.3	48.6	57.8	39.6
Under 65	69.5	63.3	74.9	71.5	65.3	76.9	56.3	52.0	60.3
65 and over	65.3	70.2	59.7	66.6	71.5	61.1	56.0	64.2	45.3

<sup>a</sup>  
<sup>b</sup>

Rates are based on End Results data from a series of hospital registries and one population-based registry. 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 1997.

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The difference in rates between 1974-76 and 1989-96 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-9  
ALL SITES (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	338.0	337.7	337.8	341.4	345.9	352.1	351.7	357.5	364.6	372.5	374.6	387.8	385.3	388.3	399.9	417.3	425.3	411.6	403.4	397.1	396.3	395.0
Mortality																						
U.S.	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	173.3	172.0	171.9	170.6	168.8	166.6	163.7
SEER	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	162.1	165.7	162.9	161.0	160.5	156.8	154.9	151.5
Relative Survival Rates (SEER)																						
1-year	69.8	69.9	70.3	70.4	70.7	71.2	71.5	72.1	72.3	73.1	73.5	74.1	74.3	74.8	75.7	77.3	77.8	77.1	76.9	76.8	76.9	
2-year	60.1	60.4	60.6	60.6	61.2	61.9	61.8	62.6	62.8	63.8	64.1	65.2	65.5	66.2	67.3	69.2	70.3	69.8	69.3	69.2		
3-year	55.4	55.3	55.6	55.4	56.0	56.8	56.8	57.6	57.8	58.9	59.4	60.4	61.1	61.7	63.0	65.1	66.5	65.9	65.6			
4-year	52.2	52.1	52.4	52.2	52.8	53.5	53.7	54.3	54.6	55.6	56.4	57.6	58.3	58.8	60.3	62.5	64.0	63.5				
5-year	50.0	50.0	50.2	50.0	50.4	51.3	51.2	51.9	52.1	53.3	54.2	55.4	56.2	56.7	58.5	60.6	62.1					
6-year	48.3	48.4	48.5	48.3	48.6	49.5	49.2	49.9	50.4	51.7	52.5	53.7	54.5	55.1	56.8	58.9						
7-year	47.1	47.1	47.0	46.9	47.2	47.8	47.6	48.3	49.1	50.3	51.1	52.1	53.0	53.8	55.3							
8-year	46.1	46.0	46.0	45.8	45.9	46.5	46.5	46.9	47.9	49.2	50.1	51.0	51.9	52.5								
9-year	45.2	45.1	44.9	44.8	44.8	45.5	45.7	46.0	46.8	48.1	49.1	49.9	50.8									
10-year	44.5	44.3	43.9	43.9	43.9	44.5	45.1	45.2	45.8	47.2	48.2	49.1										
11-year	43.7	43.5	43.2	43.1	43.2	43.9	44.3	44.3	45.0	46.5	47.4											
12-year	43.1	42.8	42.6	42.5	42.6	43.3	43.6	43.8	44.4	45.7												
13-year	42.7	42.4	42.3	42.0	42.1	42.8	43.1	43.1	43.9													
14-year	42.3	42.0	41.8	41.5	41.8	42.4	42.6	42.4														
15-year	42.0	41.6	41.4	41.4	41.1	41.4	41.9	42.2														
16-year	41.7	41.3	41.1	40.8	41.0	41.2																
17-year	41.5	41.1	40.7	40.4	40.6																	
18-year	41.3	40.8	40.5	40.0																		
19-year	41.3	40.6	40.2																			
20-year	41.1	40.4																				
21-year	40.9																					

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-10  
ALL SITES (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	390.0	393.9	395.9	401.7	409.3	414.3	413.8	421.9	425.9	431.5	437.0	456.0	452.5	460.2	479.8	516.0	535.5	509.2	483.0	467.0	463.9	456.2
Mortality																						
U.S.	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	219.8	217.4	216.6	213.6	210.2	206.6	201.9
SEER	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	202.7	204.2	203.1	199.0	199.0	191.2	187.3	181.8
Relative Survival Rates (SEER)																						
1-year	63.9	64.8	64.9	65.8	66.4	67.2	67.5	68.5	68.2	69.1	69.7	70.9	71.1	71.9	73.7	76.3	77.4	76.4	75.9	75.5	76.0	
2-year	52.9	54.1	54.2	55.2	56.0	57.1	56.9	58.0	57.6	58.8	59.2	61.1	61.4	62.8	64.5	68.0	69.8	68.9	68.0	67.8		
3-year	47.9	48.7	48.8	49.7	50.5	51.8	51.9	52.9	52.2	53.6	54.2	55.9	56.5	57.9	60.1	64.0	66.3	65.3	64.4			
4-year	44.6	45.3	45.4	46.2	47.1	48.3	48.4	49.3	48.7	50.1	50.8	52.8	53.3	54.7	57.2	61.3	64.0	63.1				
5-year	42.2	42.9	43.1	43.9	44.5	45.9	45.6	46.8	46.1	47.6	48.5	50.5	51.0	52.3	55.2	59.3	62.2					
6-year	40.2	41.2	41.3	42.1	42.6	43.9	43.4	44.7	44.2	45.9	46.6	48.7	49.1	50.5	53.5	57.6						
7-year	38.9	39.8	39.6	40.5	41.0	42.0	41.6	42.9	42.9	44.3	45.1	46.9	47.3	48.9	51.8							
8-year	37.6	38.4	38.5	39.1	39.5	40.8	40.4	41.4	41.5	43.0	43.9	45.5	46.0	47.5								
9-year	36.5	37.3	37.2	38.0	38.3	39.6	39.4	40.3	40.3	41.9	42.6	44.3	44.8									
10-year	35.4	36.3	35.9	37.0	37.3	38.6	38.7	39.4	39.4	40.9	41.6	43.3										
11-year	34.4	35.2	34.9	35.9	36.5	37.6	38.0	38.6	38.5	40.0	40.8											
12-year	33.7	34.4	34.3	35.1	35.8	36.8	37.2	38.0	37.7	39.0												
13-year	33.0	34.0	33.7	34.3	35.4	36.4	36.7	37.2	37.1													
14-year	32.5	33.3	33.2	33.7	35.0	35.7	36.1	36.4														
15-year	32.0	32.8	32.6	33.2	34.6	35.2	35.7															
16-year	31.4	32.3	32.1	32.7	34.1	34.6																
17-year	31.0	32.0	31.7	32.3	33.7																	
18-year	30.7	31.7	31.4	31.8																		
19-year	30.7	31.5	30.9																			
20-year	30.5	31.2																				
21-year	30.5																					

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

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	308.4	304.5	303.4	305.5	307.3	314.4	314.6	318.2	328.0	337.3	336.8	345.9	344.0	342.6	348.7	351.4	349.3	342.9	347.4	348.0	348.5	352.0
Mortality																						
U.S.	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	141.3	140.6	138.9	137.0
SEER	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	135.1	140.4	135.7	135.4	134.2	133.7	132.9	130.7
Relative Survival Rates (SEER)																						
1-year	75.6	75.0	75.7	75.0	75.2	75.3	75.5	75.8	76.4	77.0	77.3	77.5	77.5	77.8	77.9	78.5	78.3	78.0	78.0	78.2	77.8	
2-year	66.9	66.5	66.9	65.9	66.4	66.6	66.6	67.2	67.9	68.6	69.0	69.4	69.6	69.8	70.2	70.6	70.9	70.7	70.8	70.8		
3-year	62.4	61.6	62.2	61.0	61.4	61.7	61.6	62.3	63.3	64.0	64.6	64.9	65.7	65.6	66.1	66.3	66.8	66.7	66.9			
4-year	59.3	58.5	59.1	57.9	58.3	58.4	58.9	59.2	60.1	60.9	61.8	62.3	63.2	63.0	63.5	63.9	64.1	64.0				
5-year	57.1	56.4	56.8	55.7	56.0	56.4	56.5	56.8	57.7	58.7	59.6	60.1	61.2	61.1	61.8	61.9	62.1					
6-year	55.5	54.9	55.0	54.0	54.2	54.6	54.6	54.8	56.2	57.0	58.0	58.4	59.6	59.6	60.2	60.4						
7-year	54.2	53.6	53.7	52.7	52.9	53.0	53.1	53.2	54.7	55.7	56.7	57.0	58.3	58.4	58.8							
8-year	53.2	52.5	52.5	51.6	51.6	51.7	52.0	51.9	53.6	54.6	55.7	56.1	57.4	57.2								
9-year	52.3	51.6	51.5	50.6	50.5	50.6	51.2	51.1	52.5	53.5	54.8	55.1	56.3									
10-year	51.8	50.8	50.7	49.7	49.7	49.7	50.5	50.2	51.3	52.7	54.0	54.4										
11-year	51.0	50.1	50.0	49.1	48.9	49.2	49.6	49.3	50.5	51.9	53.2											
12-year	50.4	49.4	49.4	48.6	48.2	48.7	48.9	48.6	49.9	51.3												
13-year	50.0	49.0	49.1	48.1	47.6	48.1	48.4	47.9	49.4													
14-year	49.6	48.6	48.5	47.6	47.2	47.7	47.8	47.2														
15-year	49.2	48.2	48.1	47.1	46.9	47.1	47.3															
16-year	48.9	47.8	47.8	46.9	46.2	46.3																
17-year	48.8	47.5	47.3	46.5	45.8																	
18-year	48.5	47.2	47.0	46.0																		
19-year	48.3	46.8	46.6																			
20-year	47.8	46.6																				
21-year	47.4																					

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

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	290.2	288.7	287.6	290.5	293.6	298.2	296.9	302.5	307.8	316.4	317.7	329.3	326.6	330.3	341.2	357.7	365.7	353.8	346.4	340.6	340.8	340.6
Mortality																						
U.S.	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	123.2	123.3	122.1	121.8	121.1	119.6	117.8	115.4
SEER	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	118.0	120.0	118.2	116.8	116.5	113.6	112.6	109.8
Relative Survival Rates (SEER)																						
1-year	75.3	75.5	75.7	76.0	76.4	77.1	77.3	77.9	78.2	78.8	79.2	80.0	80.0	80.5	81.4	82.9	83.4	82.7	82.5	82.3	82.5	
2-year	66.4	66.8	67.1	67.2	68.0	68.9	68.8	69.5	70.0	70.8	71.1	72.4	72.7	73.3	74.3	76.2	77.2	76.6	76.3	76.1		
3-year	61.6	61.8	62.2	62.0	62.8	63.9	63.8	64.7	65.1	66.0	66.6	67.8	68.5	69.1	70.3	72.3	73.7	73.1	72.8			
4-year	58.4	58.5	58.9	58.6	59.5	60.4	60.6	61.2	61.7	62.6	63.5	64.8	65.6	66.1	67.6	69.8	71.3	70.7				
5-year	56.0	56.2	56.5	56.3	56.9	58.1	57.9	58.6	59.1	60.2	61.2	62.6	63.4	63.8	65.7	67.8	69.4					
6-year	54.2	54.4	54.7	54.5	55.0	56.1	55.8	56.5	57.3	58.4	59.4	60.7	61.7	62.1	64.0	66.0						
7-year	52.9	53.0	53.1	52.9	53.5	54.3	54.1	54.7	55.9	56.9	58.0	59.0	60.1	60.6	62.4							
8-year	51.7	51.8	51.9	51.7	52.1	53.0	52.9	53.3	54.6	55.7	56.8	57.8	58.9	59.3								
9-year	50.8	50.8	50.8	50.7	50.9	51.8	52.0	52.3	53.4	54.6	55.7	56.7	57.7									
10-year	50.1	49.9	49.8	49.7	50.0	50.8	51.3	51.4	52.3	53.6	54.8	55.8										
11-year	49.2	49.0	48.9	48.9	49.2	50.1	50.5	50.4	51.3	52.8	54.0											
12-year	48.6	48.3	48.3	48.2	48.5	49.4	49.7	49.8	50.7	52.0												
13-year	48.1	47.9	47.9	47.6	48.0	48.9	49.2	49.1	50.1													
14-year	47.7	47.4	47.5	47.1	47.6	48.4	48.6	48.2														
15-year	47.3	47.0	46.9	46.6	46.6	47.3	47.8	48.1														
16-year	46.9	46.6	46.5	46.3	46.6	47.1																
17-year	46.7	46.3	46.1	45.9	46.2																	
18-year	46.5	46.0	45.8	45.4																		
19-year	46.5	45.7	45.4																			
20-year	46.1	45.5																				
21-year	45.9																					

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-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

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	310.6	313.1	313.9	320.3	324.9	329.8	328.7	337.8	339.4	347.7	353.4	370.7	369.2	378.0	398.2	434.3	454.0	430.7	407.7	392.6	392.1	387.1
Mortality																						
U.S.	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	145.5	145.4	144.5	144.1	142.8	140.8	138.5	135.3
SEER	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	138.9	140.0	140.2	137.3	138.1	133.0	130.9	127.0
Relative Survival Rates (SEER)																						
1-year	71.6	72.7	72.5	73.7	74.2	75.4	75.4	76.2	76.0	76.9	76.9	78.2	78.3	79.0	80.7	82.9	83.8	82.9	82.4	82.0	82.6	
2-year	61.6	63.1	63.2	64.3	65.2	66.8	66.2	67.2	66.9	68.0	68.1	69.9	70.1	71.3	73.0	76.2	77.6	76.9	75.9	75.7		
3-year	56.5	57.6	57.8	58.7	59.8	61.5	61.2	62.2	61.5	62.9	63.1	64.9	65.2	66.6	68.7	72.4	74.5	73.6	72.6			
4-year	53.0	54.1	54.2	54.9	56.1	57.6	57.4	58.3	57.9	59.1	59.6	61.6	62.0	63.2	65.8	69.8	72.3	71.4				
5-year	50.3	51.4	51.7	52.4	53.1	54.9	54.3	55.5	55.0	56.4	57.2	59.1	59.6	60.6	63.7	67.7	70.5					
6-year	48.1	49.3	49.7	50.4	51.1	52.8	51.9	53.2	52.9	54.5	55.0	57.2	57.5	58.6	61.9	65.8						
7-year	46.6	47.8	47.7	48.5	49.2	50.6	49.9	51.2	51.4	52.7	53.4	55.1	55.6	56.8	60.0							
8-year	45.1	46.2	46.5	47.0	47.7	49.3	48.6	49.5	49.9	51.4	52.0	53.5	54.1	55.2								
9-year	43.9	44.9	45.1	45.9	46.3	48.0	47.5	48.3	48.5	50.1	50.6	52.1	52.7									
10-year	42.7	43.9	43.6	44.7	45.2	46.9	46.7	47.3	47.5	48.9	49.5	51.0										
11-year	41.6	42.6	42.4	43.5	44.4	45.7	45.9	46.4	46.4	47.9	48.5											
12-year	40.8	41.8	41.7	42.5	43.6	44.7	45.0	45.8	45.5	46.7												
13-year	39.9	41.3	41.1	41.7	43.2	44.3	44.3	44.9	44.8													
14-year	39.4	40.5	40.6	40.8	42.6	43.5	43.6	43.8														
15-year	38.9	39.9	39.9	40.3	42.2	43.0	43.2															
16-year	38.2	39.3	39.2	39.8	41.6	42.2																
17-year	37.7	38.9	38.6	39.3	41.2																	
18-year	37.3	38.4	38.3	38.7																		
19-year	37.3	38.2	37.7																			
20-year	37.1	37.9																				
21-year	37.1																					

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

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	284.6	279.8	277.2	277.7	279.2	283.6	282.3	284.9	293.4	302.0	299.8	307.3	303.6	302.5	307.2	308.3	306.2	300.6	304.1	305.0	305.2	308.9
Mortality																						
U.S.	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	107.6	106.4	104.6	102.5
SEER	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	108.2	104.5	104.1	102.7	101.6	101.2	98.8
Relative Survival Rates (SEER)																						
1-year	78.3	77.8	78.5	78.1	78.3	78.7	79.0	79.4	80.2	80.6	81.2	81.7	81.7	82.0	82.2	82.8	82.8	82.4	82.6	82.7	82.5	
2-year	70.3	69.9	70.5	69.7	70.3	70.8	71.0	71.6	72.7	73.2	73.9	74.7	75.1	75.3	75.7	76.3	76.7	76.4	76.6	76.5		
3-year	65.8	65.2	65.9	64.9	65.4	66.0	66.1	66.9	68.1	68.7	69.7	70.4	71.4	71.4	71.8	72.2	72.8	72.6	72.9			
4-year	62.6	62.0	62.7	61.8	62.3	62.6	63.3	63.7	64.9	65.6	67.0	67.8	69.0	68.8	69.3	69.7	70.2	69.9				
5-year	60.5	59.9	60.3	59.4	60.0	60.6	60.9	61.3	62.5	63.3	64.7	65.6	66.9	66.8	67.6	67.9	68.1					
6-year	58.8	58.3	58.5	57.8	58.2	58.8	59.0	59.2	60.9	61.6	63.2	63.8	65.3	65.3	66.0	66.3						
7-year	57.4	57.0	57.2	56.3	56.8	57.1	57.4	57.6	59.4	60.3	61.8	62.4	63.9	64.1	64.6							
8-year	56.5	55.9	56.0	55.3	55.5	55.8	56.3	56.3	58.3	59.2	60.8	61.5	63.0	62.8								
9-year	55.6	55.1	55.0	54.3	54.4	54.7	55.5	55.4	57.1	58.1	59.9	60.4	61.8									
10-year	55.1	54.2	54.2	53.5	53.6	53.8	54.8	54.6	55.9	57.2	59.0	59.7										
11-year	54.4	53.5	53.5	52.8	52.7	53.3	53.9	53.6	55.1	56.5	58.2											
12-year	53.7	52.8	52.9	52.3	52.1	52.8	53.2	52.9	54.5	55.9												
13-year	53.4	52.4	52.6	51.8	51.5	52.2	52.7	52.2	54.0													
14-year	53.0	51.9	52.1	51.4	51.1	51.7	52.0	51.4														
15-year	52.6	51.5	51.6	50.9	50.9	50.8	51.2	51.6														
16-year	52.2	51.2	51.3	50.6	50.0	50.3																
17-year	52.1	50.9	50.8	50.2	49.5																	
18-year	51.8	50.5	50.4	49.7																		
19-year	51.6	50.1	50.1																			
20-year	51.1	50.0																				
21-year	50.7																					

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 25-YEAR TRENDS, 1973-97

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average	Rate⊕	% Change	EAPC	Average	Rate⊕	% Change	EAPC	Average	Rate⊕	% Change	EAPC
	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97
Males & Females	326.5	395.7	21.2	1.1★	326.9	396.1	21.1	1.1★	351.4	440.6	25.4	1.3★
0-54:	99.7	109.1	9.4	0.6★	98.8	108.6	9.9	0.6★	111.6	118.3	6.0	0.5★
0-14	12.8	14.1	10.0	0.7★	13.3	14.3	7.5	0.6★	10.3	11.8	14.1	1.1★
15-34	36.9	44.9	21.6	1.2★	37.0	46.6	26.0	1.3★	35.9	36.8	2.6	0.7★
35-44	160.8	166.2	3.3	0.6★	157.9	164.3	4.1	0.6★	181.7	174.7	-3.9	0.1
45-54	419.0	456.2	8.9	0.4★	414.0	449.3	8.5	0.4★	491.4	539.4	9.8	0.5★
55-64	872.6	1077.3	23.5	1.0★	878.1	1074.4	22.4	1.0★	944.7	1315.3	39.2	1.5★
65+:	1679.7	2113.9	25.8	1.3★	1687.4	2125.5	26.0	1.3★	1767.8	2273.4	28.6	1.5★
65-74	1469.5	1943.2	32.2	1.6★	1474.9	1957.8	32.7	1.6★	1612.3	2172.1	34.7	1.8★
75+	2022.3	2392.1	18.3	1.0★	2033.8	2398.9	18.0	1.0★	2021.2	2438.6	20.6	1.0★
Males	368.8	460.1	24.7	1.3★	369.0	453.5	22.9	1.2★	434.0	579.0	33.4	1.6★
0-54:	78.6	93.0	18.3	1.0★	77.0	90.9	18.1	1.0★	103.3	120.3	16.4	0.9★
0-14	14.2	15.2	7.3	0.7★	14.7	15.3	4.4	0.6★	10.3	13.4	29.8	1.7★
15-34	31.1	41.1	32.1	1.9★	32.0	42.5	33.1	1.9★	24.5	35.1	42.9	2.7★
35-44	103.5	123.8	19.6	1.4★	101.1	121.3	20.0	1.6★	135.3	150.8	11.5	1.0★
45-54	337.9	391.2	15.8	0.6★	325.4	375.2	15.3	0.6★	508.1	577.8	13.7	0.6★
55-64	897.6	1227.2	36.7	1.5★	892.7	1195.6	33.9	1.4★	1192.9	1786.4	49.7	1.8★
65+:	2258.8	2759.8	22.2	1.3★	2279.0	2739.7	20.2	1.2★	2442.9	3222.9	31.9	1.7★
65-74	1867.5	2505.1	34.1	1.7★	1879.5	2481.0	32.0	1.7★	2170.4	3106.8	43.1	2.1★
75+	2896.6	3175.0	9.6	0.8★	2930.1	3161.4	7.9	0.7★	2887.1	3412.1	18.2	1.2★
Females	302.7	350.2	15.7	0.8★	305.0	356.7	16.9	0.8★	286.6	341.0	19.0	0.9★
0-54:	120.0	124.8	4.0	0.3★	119.9	126.2	5.2	0.3★	118.8	116.6	-1.9	0.2
0-14	11.4	13.0	13.4	0.6★	11.8	13.2	11.6	0.6★	10.4	10.2	-2.0	0.6
15-34	42.7	48.7	14.0	0.6★	42.0	50.6	20.7	0.8★	45.9	38.3	-16.6	-0.4
35-44	216.3	207.7	-3.9	0.1	213.9	207.6	-2.9	0.1	221.9	195.3	-12.0	-0.4
45-54	496.0	519.3	4.7	0.3★	498.6	523.1	4.9	0.3★	475.8	507.0	6.5	0.5★
55-64	850.0	940.8	10.7	0.5★	865.6	960.9	11.0	0.6★	720.4	947.0	31.5	1.2★
65+:	1294.1	1651.7	27.6	1.2★	1303.7	1687.5	29.4	1.3★	1260.9	1620.5	28.5	1.3★
65-74	1161.2	1487.7	28.1	1.3★	1170.3	1527.9	30.6	1.4★	1137.9	1475.1	29.6	1.5★
75+	1510.8	1919.0	27.0	1.1★	1521.0	1947.7	28.0	1.2★	1461.2	1857.4	27.1	1.0★

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\* AND 25-YEAR TRENDS, 1973-97

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	96-97	73-97	73-97	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97
Males & Females	162.6	165.1	1.6	0.2★	159.9	162.1	1.4	0.2★	196.8	214.5	9.0	0.5★
0-54:	39.0	29.0	-25.7	-1.2★	37.3	27.6	-26.1	-1.2★	56.9	43.2	-24.0	-1.0★
0-14	5.4	2.7	-50.4	-2.9★	5.5	2.7	-50.9	-3.0★	4.8	2.6	-45.4	-2.5★
15-34	10.4	7.3	-29.4	-1.4★	10.3	7.1	-31.0	-1.5★	11.5	9.2	-19.8	-0.8★
35-44	56.0	40.0	-28.6	-1.3★	53.2	37.5	-29.4	-1.4★	83.0	60.9	-26.7	-1.2★
45-54	180.3	139.8	-22.5	-1.1★	171.1	133.0	-22.3	-1.1★	278.7	215.4	-22.7	-1.0★
55-64	425.7	400.9	-5.8	-0.1	414.3	389.9	-5.9	-0.1	564.8	559.3	-1.0	0.1
65+:	932.3	1063.3	14.1	0.7★	928.9	1053.5	13.4	0.6★	1003.3	1299.4	29.5	1.3★
65-74	764.9	844.1	10.4	0.5★	754.5	834.3	10.6	0.5★	911.3	1063.6	16.7	1.0★
75+	1205.1	1420.7	17.9	0.8★	1213.3	1410.8	16.3	0.7★	1153.3	1683.8	46.0	1.7★
Males	206.6	204.3	-1.1	0.1	202.7	198.7	-2.0	0.0	259.2	290.1	11.9	0.6★
0-54:	39.3	29.1	-26.0	-1.3★	37.3	27.5	-26.4	-1.3★	62.4	47.6	-23.7	-1.1★
0-14	6.0	2.9	-52.1	-3.0★	6.2	3.0	-52.6	-3.1★	5.2	2.8	-47.4	-2.7★
15-34	11.2	7.7	-31.3	-1.5★	11.3	7.5	-33.3	-1.7★	10.9	9.2	-15.5	-0.6★
35-44	50.1	36.1	-28.0	-1.3★	47.5	33.8	-29.0	-1.3★	76.9	56.8	-26.2	-1.4★
45-54	185.0	143.4	-22.4	-1.1★	172.3	134.1	-22.2	-1.1★	324.6	250.2	-22.9	-1.1★
55-64	510.9	462.4	-9.5	-0.3★	492.5	441.5	-10.3	-0.3★	738.6	736.6	-0.3	0.0
65+:	1296.1	1401.5	8.1	0.4★	1290.6	1378.3	6.8	0.4★	1428.3	1865.3	30.6	1.4★
65-74	1033.7	1059.7	2.5	0.2★	1018.6	1037.5	1.9	0.1★	1251.9	1449.5	15.8	0.9★
75+	1723.7	1958.7	13.6	0.7★	1733.9	1933.7	11.5	0.6★	1715.8	2543.0	48.2	1.9★
Females	131.5	138.0	4.9	0.3★	130.1	136.7	5.1	0.3★	149.8	165.3	10.3	0.6★
0-54:	38.7	28.8	-25.5	-1.2★	37.4	27.8	-25.7	-1.2★	52.1	39.7	-23.9	-1.0★
0-14	4.7	2.4	-48.1	-2.7★	4.8	2.5	-48.7	-2.8★	4.4	2.5	-43.0	-2.3★
15-34	9.6	7.0	-27.4	-1.3★	9.4	6.7	-28.3	-1.4★	11.9	9.2	-23.1	-0.9★
35-44	61.7	43.9	-28.9	-1.3★	58.7	41.3	-29.6	-1.4★	88.1	64.5	-26.8	-1.1★
45-54	175.9	136.3	-22.5	-1.0★	170.1	132.0	-22.4	-1.0★	240.0	186.9	-22.1	-0.9★
55-64	350.7	345.5	-1.5	0.1	345.2	342.4	-0.8	0.1	420.6	424.3	0.9	0.3★
65+:	690.3	840.9	21.8	1.0★	691.1	839.3	21.4	1.0★	700.3	955.8	36.5	1.5★
65-74	559.7	671.3	19.9	1.0★	554.0	669.1	20.8	1.0★	647.3	788.6	21.8	1.2★
75+	903.3	1117.4	23.7	1.0★	914.5	1116.8	22.1	1.0★	786.7	1228.4	56.1	1.8★

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

\* 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.

⊕ 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 25-YEAR TRENDS, 1973-97

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average	Rate⊕	% Change	EAPC	Average	Rate⊕	% Change	EAPC	Average	Rate⊕	% Change	EAPC
	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97
Males & Females	283.3	340.7	20.3	1.1★	284.5	340.8	19.8	1.1★	292.6	370.5	26.6	1.3★
0-54:	89.3	101.4	13.6	0.8★	88.9	101.2	13.9	0.8★	93.5	104.7	12.0	0.8★
0-14	12.8	14.1	10.0	0.7★	13.2	14.2	7.5	0.6★	10.2	11.8	15.3	1.1★
15-34	36.3	44.4	22.5	1.2★	36.3	46.1	26.9	1.4★	35.1	36.1	3.0	0.7★
35-44	147.0	157.7	7.2	0.8★	144.8	157.1	8.5	0.9★	160.7	157.4	-2.1	0.4★
45-54	360.3	411.1	14.1	0.7★	358.3	405.9	13.3	0.7★	386.3	462.5	19.7	0.9★
55-64	727.4	915.6	25.9	1.1★	734.8	912.5	24.2	1.1★	740.2	1084.2	46.5	1.7★
65+:	1462.8	1770.5	21.0	1.2★	1471.3	1776.2	20.7	1.2★	1510.5	1888.4	25.0	1.4★
65-74	1242.5	1608.1	29.4	1.5★	1248.1	1616.0	29.5	1.5★	1329.0	1781.0	34.0	1.8★
75+	1821.7	2035.3	11.7	0.7★	1835.0	2037.3	11.0	0.7★	1806.2	2063.3	14.2	0.8★
Males	295.0	389.6	32.1	1.6★	295.8	384.5	30.0	1.6★	330.8	474.7	43.5	2.0★
0-54:	64.0	84.4	31.9	1.6★	63.3	83.2	31.4	1.6★	75.5	102.8	36.1	1.7★
0-14	14.2	15.2	7.3	0.7★	14.6	15.3	4.4	0.6★	10.3	13.4	29.8	1.7★
15-34	30.3	40.5	33.6	1.9★	31.3	42.0	34.3	2.0★	23.0	34.0	47.7	2.8★
35-44	86.3	114.2	32.4	2.0★	84.9	113.5	33.7	2.1★	106.0	127.8	20.5	1.7★
45-54	253.8	341.5	34.6	1.4★	246.2	329.3	33.7	1.4★	344.0	479.4	39.4	1.5★
55-64	669.7	1030.0	53.8	2.0★	668.7	1006.3	50.5	2.0★	840.9	1440.9	71.4	2.4★
65+:	1841.7	2299.0	24.8	1.4★	1856.9	2280.0	22.8	1.4★	1951.8	2629.4	34.7	1.8★
65-74	1452.6	2076.5	42.9	2.1★	1458.9	2056.1	40.9	2.1★	1640.6	2541.7	54.9	2.5★
75+	2476.0	2661.6	7.5	0.7★	2505.5	2644.9	5.6	0.7★	2459.0	2772.3	12.7	1.0★
Females	283.7	307.0	8.2	0.5★	286.2	311.8	8.9	0.5★	265.2	295.6	11.5	0.6★
0-54:	113.4	117.9	3.9	0.3★	113.6	119.3	5.0	0.4★	109.4	106.4	-2.8	0.2
0-14	11.4	12.9	13.5	0.6★	11.8	13.2	11.6	0.6★	10.1	10.2	0.1	0.6
15-34	42.1	48.2	14.6	0.7★	41.4	50.2	21.4	0.8★	45.7	37.9	-17.1	-0.5
35-44	205.9	200.3	-2.7	0.2	203.9	200.9	-1.5	0.3★	208.2	182.9	-12.1	-0.3
45-54	461.5	478.6	3.7	0.3★	465.3	482.3	3.7	0.3★	424.3	448.4	5.7	0.5★
55-64	781.4	811.5	3.8	0.2★	796.4	824.8	3.6	0.3★	649.7	805.8	24.0	0.8★
65+:	1218.5	1391.1	14.2	0.7★	1229.4	1415.3	15.1	0.8★	1186.8	1374.7	15.8	0.8★
65-74	1081.4	1228.2	13.6	0.8★	1091.1	1254.3	15.0	0.8★	1065.3	1212.7	13.8	0.9★
75+	1441.9	1656.6	14.9	0.7★	1454.8	1677.6	15.3	0.7★	1384.8	1638.6	18.3	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\* AND 25-YEAR TRENDS, 1973-97

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average	Rate $\oplus$	% Change	EAPC	Average	Rate $\oplus$	% Change	EAPC	Average	Rate $\oplus$	% Change	EAPC
	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97	1973-74	96-97	73-97	73-97
Males & Females	127.2	116.6	-8.3	-0.3*	125.0	113.7	-9.0	-0.3*	155.1	156.5	0.9	0.2*
0-54:	30.7	22.8	-25.8	-1.2*	29.5	21.7	-26.5	-1.2*	43.2	33.3	-22.8	-0.9*
0-14	5.4	2.7	-50.3	-2.9*	5.5	2.7	-50.9	-3.0*	4.8	2.6	-45.2	-2.5*
15-34	10.0	7.1	-29.4	-1.4*	10.0	6.9	-31.1	-1.5*	11.0	8.9	-18.9	-0.7*
35-44	45.3	33.6	-26.0	-1.1*	43.2	31.6	-26.7	-1.1*	65.8	49.7	-24.5	-1.0*
45-54	133.0	102.9	-22.6	-1.0*	126.7	97.6	-22.9	-1.1*	200.3	157.3	-21.5	-0.9*
55-64	306.7	264.5	-13.7	-0.5*	297.4	255.0	-14.2	-0.6*	415.6	381.2	-8.3	-0.3*
65+:	752.4	749.1	-0.4	0.1*	747.7	737.5	-1.4	0.0	831.8	958.5	15.2	0.8*
65-74	580.4	551.3	-5.0	-0.1*	569.0	540.0	-5.1	-0.1*	726.8	733.3	0.9	0.3*
75+	1032.7	1071.5	3.8	0.2*	1038.9	1059.3	2.0	0.2*	1002.9	1325.5	32.2	1.2*
Males	143.3	136.9	-4.5	-0.1	140.3	132.8	-5.4	-0.1*	182.3	197.4	8.2	0.5*
0-54:	26.9	21.5	-20.1	-0.9*	25.8	20.4	-20.9	-0.9*	39.4	33.2	-15.9	-0.7*
0-14	6.0	2.9	-52.1	-3.0*	6.2	2.9	-52.6	-3.1*	5.2	2.7	-47.2	-2.7*
15-34	10.7	7.4	-31.0	-1.5*	10.9	7.3	-33.2	-1.6*	10.1	8.9	-12.5	-0.5*
35-44	35.1	28.6	-18.4	-0.7*	33.7	27.1	-19.4	-0.7*	49.7	41.8	-15.8	-0.8*
45-54	113.0	97.6	-13.7	-0.6*	105.8	91.5	-13.5	-0.6*	190.8	163.5	-14.3	-0.6*
55-64	312.2	284.5	-8.9	-0.3*	299.1	270.4	-9.6	-0.3*	465.6	456.8	-1.9	-0.1
65+:	941.7	946.7	0.5	0.1*	932.4	926.6	-0.6	0.1	1091.8	1303.6	19.4	1.0*
65-74	683.2	656.5	-3.9	-0.1*	665.9	638.4	-4.1	-0.1*	896.1	933.9	4.2	0.4*
75+	1362.9	1419.7	4.2	0.3*	1366.6	1396.1	2.2	0.2*	1410.8	1906.3	35.1	1.5*
Females	117.8	103.6	-12.0	-0.5*	116.3	101.6	-12.6	-0.5*	135.9	131.3	-3.4	0.0
0-54:	34.2	24.0	-29.9	-1.4*	33.0	22.9	-30.5	-1.4*	46.3	33.5	-27.6	-1.1*
0-14	4.7	2.4	-47.9	-2.8*	4.8	2.4	-48.6	-2.8*	4.4	2.5	-42.9	-2.3*
15-34	9.3	6.8	-27.7	-1.3*	9.1	6.5	-28.6	-1.4*	11.6	8.9	-23.7	-0.9*
35-44	55.2	38.4	-30.3	-1.3*	52.4	36.2	-31.0	-1.4*	79.2	56.5	-28.6	-1.0*
45-54	151.6	108.0	-28.8	-1.3*	146.4	103.7	-29.2	-1.4*	208.3	152.2	-26.9	-1.1*
55-64	302.1	246.6	-18.4	-0.8*	296.2	241.0	-18.6	-0.9*	374.3	323.8	-13.5	-0.5*
65+:	632.2	624.1	-1.3	0.0	632.2	617.7	-2.3	0.0	650.1	755.1	16.2	0.8*
65-74	502.5	467.3	-7.0	-0.2*	496.1	460.2	-7.2	-0.2*	595.7	590.8	-0.8	0.3*
75+	843.5	879.8	4.3	0.2*	854.0	874.4	2.4	0.1*	738.7	1022.8	38.5	1.3*

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

\* 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  
5-YEAR RELATIVE SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

	<u>ALL SITES (Invasive)</u>								
	<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>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 <sup>b</sup>	67.9	60.7	73.6	68.8	61.9	74.5	61.3	52.4	66.7
1977-79 <sup>b</sup>	71.4	65.2	76.2	72.3	66.8	76.8	64.3	49.9	71.6
1980-82 <sup>b</sup>	73.3	69.4	76.5	74.6	71.1	77.6	63.2	55.9	68.0
1983-85 <sup>b</sup>	71.7	65.5	77.3	73.3	67.2	78.9	59.4	50.8	65.3
1986-88 <sup>b</sup>	71.5	62.8	80.0	73.0	64.6	81.6	58.7	48.1	66.7
1989-96 <sup>b</sup>	<b>71.8S</b>	<b>63.4S</b>	<b>80.3S</b>	<b>74.0S</b>	<b>65.7S</b>	<b>82.6S</b>	<b>55.6S</b>	<b>43.2S</b>	<b>66.3</b>
<u>AGES &lt;45</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 <sup>b</sup>	66.0	57.2	71.4	67.2	59.2	72.3	55.3	41.4	62.9
1977-79 <sup>b</sup>	68.1	60.4	73.1	69.7	63.0	74.2	55.6	39.1	64.5
1980-82 <sup>b</sup>	69.7	63.3	74.0	71.3	65.8	75.0	56.8	43.4	65.0
1983-85 <sup>b</sup>	68.5	59.9	74.6	70.4	62.1	76.6	53.7	42.1	60.7
1986-88 <sup>b</sup>	67.9	56.1	77.1	69.5	58.0	78.7	54.2	39.8	64.1
1989-96 <sup>b</sup>	<b>68.8S</b>	<b>56.7</b>	<b>78.3S</b>	<b>71.1S</b>	<b>59.3</b>	<b>80.7S</b>	<b>52.3S</b>	<b>37.9</b>	<b>63.2</b>
<u>AGES &lt;55</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 <sup>b</sup>	59.7	47.5	67.5	61.2	49.5	68.6	45.6	32.2	55.1
1977-79 <sup>b</sup>	60.3	49.3	67.9	62.2	51.9	69.2	45.0	30.8	55.7
1980-82 <sup>b</sup>	62.0	52.9	68.5	63.8	55.6	69.6	46.9	33.8	57.3
1983-85 <sup>b</sup>	63.1	53.0	70.3	65.1	55.6	72.0	46.7	34.8	55.9
1986-88 <sup>b</sup>	63.9	51.9	73.0	65.9	54.5	74.7	47.8	34.6	58.5
1989-96 <sup>b</sup>	<b>66.1S</b>	<b>54.7S</b>	<b>74.8S</b>	<b>68.4S</b>	<b>57.3S</b>	<b>77.0S</b>	<b>50.1S</b>	<b>38.6S</b>	<b>59.8S</b>

<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 1997.

**S** The difference in rates between 1974-76 and 1989-96 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-20  
5-YEAR RELATIVE SURVIVAL RATES, BY RACE, SEX, DIAGNOSIS YEAR AND AGE

ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGES &lt;35</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	68.2	61.1	73.9	69.2	62.2	74.8	61.4	52.4	66.7
1977-79 <sup>b</sup>	71.8	65.7	76.5	72.6	67.1	77.2	65.2	51.5	71.9
1980-82 <sup>b</sup>	73.6	69.8	76.8	74.9	71.4	77.8	63.6	56.0	68.3
1983-85 <sup>b</sup>	72.1	65.9	77.7	73.6	67.6	79.3	60.1	51.9	65.6
1986-88 <sup>b</sup>	71.8	63.2	80.3	73.3	64.8	81.8	59.5	48.8	67.5
1989-96 <sup>b</sup>	<b>72.3S</b>	<b>63.9S</b>	<b>80.6S</b>	<b>74.4S</b>	<b>66.2S</b>	<b>82.9S</b>	<b>56.3S</b>	<b>44.1S</b>	66.7
<u>AGES &lt;45</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	68.2	60.3	73.0	69.3	62.0	73.9	58.7	45.4	65.1
1977-79 <sup>b</sup>	70.5	63.8	74.7	71.9	65.9	75.8	59.1	44.5	65.9
1980-82 <sup>b</sup>	72.0	66.5	75.6	73.6	68.8	76.7	60.2	48.0	66.8
1983-85 <sup>b</sup>	70.6	62.6	76.2	72.4	64.6	78.1	57.0	46.5	62.8
1986-88 <sup>b</sup>	69.7	58.0	78.6	71.2	59.8	80.2	57.0	42.8	65.9
1989-96 <sup>b</sup>	<b>70.4S</b>	<b>58.5S</b>	<b>79.6S</b>	<b>72.6S</b>	60.9	<b>81.9S</b>	<b>55.0S</b>	41.0	65.0
<u>AGES &lt;55</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	64.9	55.0	70.4	66.3	56.8	71.6	51.6	39.3	58.6
1977-79 <sup>b</sup>	65.7	56.8	71.1	67.4	59.3	72.4	51.3	38.3	59.2
1980-82 <sup>b</sup>	67.5	60.2	72.1	69.2	62.9	73.2	52.8	40.6	60.7
1983-85 <sup>b</sup>	67.9	59.4	73.6	69.8	61.7	75.3	53.1	42.4	59.8
1986-88 <sup>b</sup>	68.4	57.1	76.3	70.2	59.4	78.0	53.8	41.1	62.5
1989-96 <sup>b</sup>	<b>70.1S</b>	<b>59.1S</b>	<b>78.0S</b>	<b>72.2S</b>	<b>61.5S</b>	<b>80.1S</b>	<b>55.1S</b>	<b>44.1S</b>	<b>63.5S</b>

<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 1997.

**S** The difference in rates between 1974-76 and 1989-96 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-21  
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

9 SEER Areas, 1995-97

All Races									
Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.17	0.33	0.74	43.48	0.13	0.28	0.78	38.34	
10	0.17	0.58	1.40	43.82	0.15	0.66	1.85	38.56	
20	0.42	1.24	3.09	43.99	0.50	1.71	4.73	38.57	
30	0.84	2.73	8.86	44.39	1.21	4.27	10.40	38.44	
40	1.94	8.25	21.51	44.86	3.11	9.37	18.39	37.96	
50	6.66	20.63	35.84	45.24	6.54	15.97	26.89	36.43	
60	15.87	33.13	42.10	43.81	10.37	22.39	30.66	32.88	
Lifetime Risk of Being Diagnosed =				43.48%	Lifetime Risk of Being Diagnosed =				38.34%
Lifetime Risk of Dying =				23.24%	Lifetime Risk of Dying =				20.39%

Whites									
Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.17	0.34	0.77	43.53	0.13	0.30	0.82	39.22	
10	0.17	0.60	1.43	43.80	0.17	0.69	1.91	39.39	
20	0.43	1.27	3.05	43.94	0.53	1.75	4.77	39.39	
30	0.85	2.66	8.63	44.20	1.23	4.28	10.54	39.22	
40	1.86	8.00	21.25	44.54	3.10	9.48	18.81	38.69	
50	6.43	20.33	35.48	44.75	6.65	16.37	27.53	37.11	
60	15.65	32.70	41.49	43.14	10.67	22.91	31.25	33.42	
Lifetime Risk of Being Diagnosed =				43.53%	Lifetime Risk of Being Diagnosed =				39.22%
Lifetime Risk of Dying =				23.51%	Lifetime Risk of Dying =				20.78%

Blacks									
Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.14	0.27	0.60	40.38	0.11	0.21	0.56	32.43	
10	0.13	0.47	1.30	41.16	0.10	0.46	1.51	32.95	
20	0.35	1.19	3.62	41.55	0.36	1.41	4.28	33.00	
30	0.87	3.40	11.62	42.74	1.07	3.98	9.78	33.04	
40	2.67	11.35	25.50	44.24	2.99	8.96	17.00	32.87	
50	9.69	25.49	39.55	46.40	6.37	14.96	24.36	31.90	
60	19.99	37.80	45.03	46.47	9.80	20.52	27.13	29.12	
Lifetime Risk of Being Diagnosed =				40.38%	Lifetime Risk of Being Diagnosed =				32.43%
Lifetime Risk of Dying =				22.62%	Lifetime Risk of Dying =				19.94%

Table II-22  
ALL SITES (Invasive)

AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES

By Race/Ethnicity and Sex

Incidence<sup>i</sup>

	Rate 1990-1997 Rate per 100,000 persons			Trend 1990-1997 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	398.1	478.0	343.5	-0.8	-1.7★	-0.1
White	402.1	476.3	352.4	-1.0★	-2.1★	-0.2
White Hispanic	288.0	340.7	254.7	-1.5★	-1.7	-1.6★
White Non-Hispanic	414.1	489.8	363.1	-0.9	-2.0★	0.1
Black	444.6	597.9	337.4	-0.5	-1.0	-0.2
Asian/Pacific Islander	279.3	323.5	246.9	0.2	0.0	0.7★
American Indian	152.8	175.9	137.3	-0.6	-1.4	0.3
Hispanic <sup>⊙</sup>	272.9	323.2	240.9	-1.6★	-1.8	-1.7★

Mortality<sup>❖</sup>

	Rate 1990-1997 Rate per 100,000 persons			Trend 1990-1997 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	169.9	213.1	140.5	-0.8★	-1.2★	-0.4★
White	166.5	207.0	139.1	-0.7★	-1.2★	-0.4★
White Hispanic	109.7	137.4	90.4	-0.6★	-0.7★	-0.6★
White Non-Hispanic	168.4	209.0	140.9	-0.5★	-1.0★	-0.2
Black	221.9	305.5	167.7	-1.0★	-1.6★	-0.4★
Asian/Pacific Islander	102.3	127.2	83.0	-0.8★	-1.1★	-0.1
American Indian	104.5	124.6	90.0	1.0	1.0	0.7
Hispanic <sup>⊙</sup>	104.0	130.6	85.6	-0.9★	-0.9★	-0.9★

- The EAPC is the Estimated Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 25 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- <sup>i</sup> Incidence data are from the 11 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles). Unless specified, other tables use data from 9 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
- <sup>⊙</sup> Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. For incidence, all 11 SEER areas are included. For mortality, information is included for all states except Connecticut, Oklahoma, Louisiana, and New Hampshire.
- <sup>❖</sup> Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).
- <sup>★</sup> The EAPC is significantly different from zero (p<.05).

Table II-23  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)  
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES  
 By Race/Ethnicity and Sex

Incidence<sup>i</sup>

RACE/ETHNICITY	Rate 1990-1997 Rate per 100,000 persons			Trend 1990-1997 EAPC (%)		
	Total	Males	Females	Total	Males	Females
All Races	343.0	404.7	301.9	-0.7	-1.5	-0.1
White	346.7	404.4	309.2	-0.9	-1.9	-0.2
White Hispanic	259.5	300.8	234.4	-1.3*	-1.3	-1.5*
White Non-Hispanic	355.7	414.6	317.2	-0.8	-1.9	0.0
Black	371.3	486.9	291.6	-0.1	-0.7	0.0
Asian/Pacific Islander	243.7	271.7	224.4	0.4	0.3	0.8*
American Indian	134.4	150.8	124.0	-0.3	-1.8	1.0
Hispanic <sup>⊙</sup>	245.8	285.2	221.6	-1.4*	-1.4	-1.6*

Mortality<sup>❖</sup>

RACE/ETHNICITY	Rate 1990-1997 Rate per 100,000 persons			Trend 1990-1997 EAPC (%)		
	Total	Males	Females	Total	Males	Females
All Races	120.5	142.0	107.1	-0.9*	-1.0*	-1.0*
White	117.4	137.5	105.2	-0.9*	-0.9*	-1.0*
White Hispanic	88.9	104.2	78.8	-0.5*	-0.4	-0.8*
White Non-Hispanic	118.1	138.1	105.8	-0.7*	-0.8*	-0.8*
Black	161.8	206.0	134.7	-1.0*	-1.3*	-0.7*
Asian/Pacific Islander	78.9	92.9	68.0	-0.7*	-0.9	-0.3
American Indian	75.5	83.8	70.2	0.5	0.9	0.1
Hispanic <sup>⊙</sup>	84.2	99.0	74.5	-0.8*	-0.6	-1.0*

- The EAPC is the Estimated Annual Percent Change over the time interval.  
 - Statistic not shown. Rate based on less than 25 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.  
 i Incidence data are from the 11 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles). Unless specified, other tables use data from 9 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
 ⊙ Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. For incidence, all 11 SEER areas are included. For mortality, information is included for all states except Connecticut, Oklahoma, Louisiana, and New Hampshire.  
 ❖ Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).  
 \* The EAPC is significantly different from zero (p<.05).

Table II-24  
ALL SITES (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES<sup>§</sup> AND SEER MORTALITY RATES\*  
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES<sup>§</sup>, 1993-97</u>									
REGISTRY									
11 registries	392.6	464.9	342.2	395.2	460.1	350.9	443.8	592.9	337.3
9 registries	400.6	475.5	347.8	401.9	469.9	355.0	455.2	615.5	340.9
San Francisco-Oakland	399.9	470.6	349.8	420.5	480.8	378.4	411.8	537.3	317.5
Connecticut	423.6	496.6	374.5	421.1	487.3	377.7	451.2	627.1	331.2
Metropolitan Detroit	435.2	543.3	360.3	420.7	512.5	360.1	477.9	655.6	350.6
Hawaii	347.6	396.0	308.6	441.9	516.3	378.4	-	-	-
Iowa	392.5	465.5	342.3	390.5	461.4	342.0	-	-	-
New Mexico	335.6	392.3	293.1	345.0	401.9	302.1	-	-	-
Seattle-Puget Sound	408.6	463.7	370.8	411.1	462.7	376.3	435.1	564.4	320.6
Utah	327.1	390.3	278.0	325.8	385.5	279.7	-	-	-
Metropolitan Atlanta	425.9	533.7	355.1	408.3	497.6	350.1	481.1	669.8	364.9
San Jose-Monterey	376.9	427.8	344.5	382.0	426.9	354.8	403.3	529.6	295.4
Los Angeles	371.3	440.5	324.3	375.9	434.9	336.5	419.0	543.4	330.8
<u>SEER MORTALITY RATES*, 1993-97</u>									
REGISTRY									
11 registries	154.8	187.7	132.5	154.4	185.3	134.0	207.1	270.0	164.5
9 registries	156.9	191.5	133.3	155.8	188.8	133.9	210.1	275.8	165.4
San Francisco-Oakland	154.2	186.0	132.9	158.8	187.9	140.0	202.9	256.7	165.6
Connecticut	161.3	195.7	138.9	159.6	192.2	138.9	199.1	273.2	149.8
Metropolitan Detroit	172.6	214.5	145.2	163.6	201.6	139.7	210.8	274.3	166.6
Hawaii	129.5	158.7	104.4	162.9	197.1	132.2	-	-	-
Iowa	157.3	196.2	131.2	156.9	195.5	131.0	-	-	-
New Mexico	145.1	176.6	122.1	147.1	178.9	123.7	-	-	-
Seattle-Puget Sound	160.1	190.1	139.3	161.1	190.3	141.2	197.0	257.1	146.7
Utah	119.4	143.6	102.2	119.2	143.1	102.1	-	-	-
Metropolitan Atlanta	170.7	218.7	141.4	154.8	194.3	130.8	236.0	330.1	182.1
San Jose-Monterey	142.1	166.2	125.8	148.0	171.2	133.2	193.4	259.9	149.5
Los Angeles	150.9	180.3	131.4	151.1	176.9	134.4	201.3	258.0	163.6

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in tables where indicated.  
<sup>§</sup> SEER Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
<sup>\*</sup> NCHS public use tape. Mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 - Statistic could not be calculated or populations are inadequate.



Table II-25  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)  
AGE-ADJUSTED SEER INCIDENCE RATES§ AND SEER MORTALITY RATES\*  
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES§, 1993-97</u>									
REGISTRY									
11 registries	338.7	394.7	300.6	340.9	391.3	307.5	372.7	486.4	292.1
9 registries	344.4	401.7	304.9	345.5	397.6	310.4	382.3	505.0	295.1
San Francisco-Oakland	346.4	404.0	306.2	364.8	415.1	330.2	344.3	440.9	271.6
Connecticut	364.3	421.2	326.7	361.9	413.1	329.2	387.0	528.4	291.0
Metropolitan Detroit	366.3	450.0	309.2	354.5	425.2	308.8	397.6	534.5	299.7
Hawaii	303.9	336.4	278.7	384.6	446.2	332.9	-	-	-
Iowa	334.7	383.3	302.9	332.9	379.6	302.6	-	-	-
New Mexico	295.7	340.6	262.3	303.7	348.6	270.0	-	-	-
Seattle-Puget Sound	348.2	390.2	320.6	349.9	389.1	324.6	361.5	464.1	272.3
Utah	300.9	354.4	259.8	299.7	349.9	261.4	-	-	-
Metropolitan Atlanta	362.4	443.9	309.8	346.2	414.4	302.8	410.9	550.4	325.9
San Jose-Monterey	329.4	368.8	305.6	332.2	367.1	312.3	337.7	432.1	257.1
Los Angeles	323.3	378.9	286.5	327.9	376.1	296.6	352.1	445.7	286.6
<u>SEER MORTALITY RATES*, 1993-97</u>									
REGISTRY									
11 registries	113.1	131.6	101.5	112.3	130.1	101.6	150.9	182.9	130.5
9 registries	113.8	133.2	101.6	112.5	131.3	101.0	153.4	187.5	131.3
San Francisco-Oakland	112.5	132.9	99.7	115.1	134.9	103.1	146.9	176.3	127.5
Connecticut	117.6	137.8	105.3	116.0	134.9	104.7	151.6	199.0	120.7
Metropolitan Detroit	122.2	144.1	109.3	115.3	135.7	103.8	151.1	182.5	130.1
Hawaii	96.5	113.5	82.1	118.0	140.5	98.1	-	-	-
Iowa	111.7	130.0	100.8	111.4	129.6	100.6	-	-	-
New Mexico	110.1	130.2	96.1	110.8	131.0	96.6	-	-	-
Seattle-Puget Sound	113.3	130.7	102.2	113.6	130.6	102.9	145.3	180.8	118.2
Utah	98.5	113.8	88.4	98.4	113.7	88.3	-	-	-
Metropolitan Atlanta	121.9	147.0	108.4	108.2	129.5	96.7	176.9	224.8	151.5
San Jose-Monterey	105.6	120.1	96.5	109.6	124.0	101.2	145.8	183.8	123.8
Los Angeles	112.3	129.1	102.1	112.5	127.8	103.5	145.8	172.6	129.4

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in tables where indicated.  
 § SEER Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 \* NCHS public use tape. Mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 - Statistic could not be calculated or populations are inadequate.

Table II-26  
ALL SITES (Invasive)

## AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	168.3	0.11							
High Five States									
District of Columbia	207.9 $\oplus$ *	2.52	(01)	23.5					
Louisiana	191.9 $\oplus$ *	0.91	(02)	14.0					
Delaware	191.9 $\oplus$ *	2.15	(03)	14.0					
Kentucky	191.1 $\oplus$ *	0.92	(04)	13.5					
Maine	183.9 $\oplus$ *	1.56	(05)	9.3					
Low Five States									
Idaho	146.3 $\oplus$ *	1.52	(47)	-13.1					
New Mexico	145.1 $\oplus$ *	1.27	(48)	-13.8					
Colorado	141.2 $\oplus$ *	0.86	(49)	-16.1					
Hawaii	129.5 $\oplus$ *	1.39	(50)	-23.1					
Utah	119.4 $\oplus$ *	1.19	(51)	-29.1					
Alabama	178.1 $\oplus$ *	0.84	(13)	5.8	Montana	157.0 $\oplus$ *	1.72	(39)	-6.7
Alaska	163.5	3.16	(33)	-2.9	Nebraska	153.2 $\oplus$ *	1.25	(43)	-9.0
Arizona	152.7 $\oplus$ *	0.78	(44)	-9.3	Nevada	179.2 $\oplus$ *	1.47	(12)	6.5
Arkansas	179.9 $\oplus$ *	1.07	(11)	6.9	New Hampshire	179.9 $\oplus$ *	1.71	(10)	6.9
California	154.7 $\oplus$ *	0.31	(41)	-8.1	New Jersey	177.2 $\oplus$ *	0.60	(15)	5.3
Colorado	141.2 $\oplus$ *	0.86	(49)	-16.1	New Mexico	145.1 $\oplus$ *	1.27	(48)	-13.8
Connecticut	161.3 $\oplus$	0.89	(34)	-4.2	New York	167.0	0.39	(29)	-0.8
Delaware	191.9 $\oplus$ *	2.15	(03)	14.0	North Carolina	173.3 $\oplus$	0.65	(25)	3.0
District of Columbia	207.9 $\oplus$ *	2.52	(01)	23.5	North Dakota	151.6 $\oplus$ *	1.95	(46)	-9.9
Florida	164.7 $\oplus$	0.41	(31)	-2.1	Ohio	178.0 $\oplus$ *	0.52	(14)	5.8
Georgia	174.1 $\oplus$	0.70	(23)	3.4	Oklahoma	169.3	0.92	(28)	0.6
Hawaii	129.5 $\oplus$ *	1.39	(50)	-23.1	Oregon	164.0	0.93	(32)	-2.6
Idaho	146.3 $\oplus$ *	1.52	(47)	-13.1	Pennsylvania	174.7 $\oplus$	0.47	(21)	3.8
Illinois	174.8 $\oplus$	0.51	(20)	3.9	Rhode Island	176.6	1.70	(16)	4.9
Indiana	175.9 $\oplus$	0.72	(17)	4.5	South Carolina	175.8 $\oplus$	0.92	(18)	4.5
Iowa	157.3 $\oplus$ *	0.93	(38)	-6.5	South Dakota	152.3 $\oplus$ *	1.84	(45)	-9.5
Kansas	158.0 $\oplus$ *	1.02	(37)	-6.1	Tennessee	181.3 $\oplus$ *	0.77	(09)	7.7
Kentucky	191.1 $\oplus$ *	0.92	(04)	13.5	Texas	166.3	0.42	(30)	-1.2
Louisiana	191.9 $\oplus$ *	0.91	(02)	14.0	Utah	119.4 $\oplus$ *	1.19	(51)	-29.1
Maine	183.9 $\oplus$ *	1.56	(05)	9.3	Vermont	170.6	2.29	(26)	1.4
Maryland	181.4 $\oplus$ *	0.82	(08)	7.8	Virginia	175.0 $\oplus$	0.71	(19)	4.0
Massachusetts	174.1 $\oplus$	0.69	(22)	3.4	Washington	160.4 $\oplus$	0.74	(35)	-4.7
Michigan	170.2	0.56	(27)	1.1	West Virginia	183.4 $\oplus$ *	1.22	(06)	9.0
Minnesota	154.1 $\oplus$ *	0.77	(42)	-8.4	Wisconsin	160.2 $\oplus$	0.73	(36)	-4.8
Mississippi	181.5 $\oplus$ *	1.10	(07)	7.8	Wyoming	156.1 $\oplus$ *	2.46	(40)	-7.2
Missouri	173.8 $\oplus$	0.73	(24)	3.3					

\* 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.  
 $\oplus$  Absolute difference between state rate and total U.S. rate is 5% or more.  
 $\oplus$  Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

Table II-27  
ALL SITES (Invasive)

## AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	209.7	0.18							
High Five States									
District of Columbia	278.5⊕*	4.55	(01)	32.8					
Louisiana	252.2⊕*	1.60	(02)	20.3					
Kentucky	247.8⊕*	1.60	(03)	18.2					
Mississippi	245.8⊕*	1.96	(04)	17.2					
Delaware	239.5⊕*	3.66	(05)	14.2					
Low Five States									
Idaho	178.8⊕*	2.47	(47)	-14.7					
New Mexico	176.6⊕*	2.10	(48)	-15.8					
Colorado	172.0⊕*	1.45	(49)	-18.0					
Hawaii	158.7⊕*	2.24	(50)	-24.3					
Utah	143.6⊕*	1.94	(51)	-31.5					
Alabama	238.2⊕*	1.49	(07)	13.6	Montana	190.5⊕*	2.78	(41)	-9.2
Alaska	192.0*	5.12	(39)	-8.4	Nebraska	192.6⊕*	2.09	(38)	-8.2
Arizona	186.0⊕*	1.28	(44)	-11.3	Nevada	212.1	2.37	(27)	1.1
Arkansas	236.1⊕*	1.85	(08)	12.6	New Hampshire	216.2	2.82	(22)	3.1
California	183.4⊕*	0.51	(46)	-12.5	New Jersey	215.5⊕	1.01	(23)	2.8
Colorado	172.0⊕*	1.45	(49)	-18.0	New Mexico	176.6⊕*	2.10	(48)	-15.8
Connecticut	195.7⊕*	1.48	(35)	-6.7	New York	203.6⊕	0.66	(30)	-2.9
Delaware	239.5⊕*	3.66	(05)	14.2	North Carolina	229.5⊕*	1.15	(13)	9.4
District of Columbia	278.5⊕*	4.55	(01)	32.8	North Dakota	189.0⊕*	3.19	(42)	-9.9
Florida	203.1⊕	0.67	(31)	-3.1	Ohio	222.8⊕*	0.88	(16)	6.2
Georgia	232.0⊕*	1.27	(10)	10.6	Oklahoma	214.6	1.56	(25)	2.3
Hawaii	158.7⊕*	2.24	(50)	-24.3	Oregon	195.5⊕*	1.50	(36)	-6.8
Idaho	178.8⊕*	2.47	(47)	-14.7	Pennsylvania	218.4⊕	0.79	(21)	4.1
Illinois	218.5⊕	0.87	(20)	4.2	Rhode Island	221.0*	2.87	(18)	5.4
Indiana	221.9⊕*	1.24	(17)	5.8	South Carolina	233.8⊕*	1.65	(09)	11.5
Iowa	196.2⊕*	1.54	(34)	-6.4	South Dakota	194.1⊕*	3.05	(37)	-7.4
Kansas	196.6⊕*	1.70	(33)	-6.2	Tennessee	238.6⊕*	1.36	(06)	13.8
Kentucky	247.8⊕*	1.60	(03)	18.2	Texas	212.8	0.73	(26)	1.5
Louisiana	252.2⊕*	1.60	(02)	20.3	Utah	143.6⊕*	1.94	(51)	-31.5
Maine	229.6⊕*	2.62	(12)	9.5	Vermont	208.4	3.81	(29)	-0.6
Maryland	226.4⊕*	1.41	(14)	8.0	Virginia	225.1⊕*	1.24	(15)	7.3
Massachusetts	215.1	1.17	(24)	2.6	Washington	190.9⊕*	1.20	(40)	-9.0
Michigan	210.8	0.94	(28)	0.5	West Virginia	231.2⊕*	2.09	(11)	10.3
Minnesota	188.7⊕*	1.27	(43)	-10.0	Wisconsin	197.9⊕*	1.21	(32)	-5.6
Mississippi	245.8⊕*	1.96	(04)	17.2	Wyoming	185.1⊕*	3.98	(45)	-11.7
Missouri	218.7⊕	1.24	(19)	4.3					

\* 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 (Invasive)

## AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

## All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	139.8	0.13							
High Five States									
District of Columbia	162.9 $\oplus$ *	2.95	(01)	16.5					
Delaware	158.7 $\oplus$ *	2.64	(02)	13.5					
New Hampshire	155.4 $\oplus$ *	2.17	(03)	11.2					
Nevada	153.7 $\oplus$ *	1.88	(04)	9.9					
Maine	152.9 $\oplus$ *	1.92	(05)	9.4					
Low Five States									
Idaho	122.0 $\oplus$ *	1.92	(47)	-12.7					
South Dakota	121.4 $\oplus$ *	2.27	(48)	-13.2					
Colorado	120.2 $\oplus$ *	1.07	(49)	-14.0					
Hawaii	104.4 $\oplus$ *	1.71	(50)	-25.3					
Utah	102.2 $\oplus$ *	1.50	(51)	-26.9					
Alabama	138.3	0.99	(29)	-1.1	Montana	132.4*	2.18	(39)	-5.3
Alaska	139.0	3.99	(25)	-0.6	Nebraska	125.3 $\oplus$ *	1.55	(44)	-10.4
Arizona	127.3 $\oplus$ *	0.97	(43)	-8.9	Nevada	153.7 $\oplus$ *	1.88	(04)	9.9
Arkansas	139.6	1.28	(24)	-0.1	New Hampshire	155.4 $\oplus$ *	2.17	(03)	11.2
California	134.8 $\oplus$	0.40	(36)	-3.6	New Jersey	152.3 $\oplus$ *	0.75	(06)	8.9
Colorado	120.2 $\oplus$ *	1.07	(49)	-14.0	New Mexico	122.1 $\oplus$ *	1.59	(46)	-12.7
Connecticut	138.9	1.12	(26)	-0.6	New York	143.4 $\oplus$	0.49	(18)	2.6
Delaware	158.7 $\oplus$ *	2.64	(02)	13.5	North Carolina	136.0	0.77	(34)	-2.7
District of Columbia	162.9 $\oplus$ *	2.95	(01)	16.5	North Dakota	124.6 $\oplus$ *	2.46	(45)	-10.9
Florida	135.6 $\oplus$	0.51	(35)	-3.0	Ohio	148.1 $\oplus$ *	0.63	(12)	5.9
Georgia	136.6	0.83	(32)	-2.3	Oklahoma	138.0	1.13	(30)	-1.3
Hawaii	104.4 $\oplus$ *	1.71	(50)	-25.3	Oregon	141.7	1.19	(23)	1.4
Idaho	122.0 $\oplus$ *	1.92	(47)	-12.7	Pennsylvania	145.8 $\oplus$	0.58	(15)	4.3
Illinois	145.9 $\oplus$	0.63	(14)	4.4	Rhode Island	148.8*	2.12	(11)	6.4
Indiana	145.4 $\oplus$	0.89	(16)	4.0	South Carolina	137.1	1.08	(31)	-1.9
Iowa	131.2 $\oplus$ *	1.16	(41)	-6.2	South Dakota	121.4 $\oplus$ *	2.27	(48)	-13.2
Kansas	131.4 $\oplus$ *	1.27	(40)	-6.0	Tennessee	142.6	0.91	(21)	2.0
Kentucky	152.0 $\oplus$ *	1.11	(07)	8.7	Texas	133.9 $\oplus$	0.51	(38)	-4.2
Louisiana	151.2 $\oplus$ *	1.07	(09)	8.2	Utah	102.2 $\oplus$ *	1.50	(51)	-26.9
Maine	152.9 $\oplus$ *	1.92	(05)	9.4	Vermont	144.8	2.86	(17)	3.6
Maryland	151.7 $\oplus$ *	1.01	(08)	8.5	Virginia	141.9	0.85	(22)	1.5
Massachusetts	148.1 $\oplus$ *	0.86	(13)	5.9	Washington	138.8	0.94	(27)	-0.7
Michigan	142.7	0.69	(20)	2.1	West Virginia	151.1 $\oplus$ *	1.50	(10)	8.1
Minnesota	130.9 $\oplus$ *	0.98	(42)	-6.4	Wisconsin	134.2 $\oplus$	0.91	(37)	-4.0
Mississippi	138.6	1.29	(28)	-0.9	Wyoming	136.1	3.16	(33)	-2.6
Missouri	142.8	0.90	(19)	2.1					

\* 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.  
 $\oplus$  Difference between state rate and total U.S. rate is statistically significant ( $p \leq .0002$ ).

Table II-29  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

All Races, Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	119.1	0.09		
High Five States				
District of Columbia	155.3⊕*	2.17	(01)	30.4
Delaware	132.6⊕*	1.78	(02)	11.3
Louisiana	132.5⊕*	0.75	(03)	11.3
New Jersey	130.0⊕*	0.51	(04)	9.2
Maryland	128.3⊕*	0.69	(05)	7.7
Low Five States				
Arizona	108.7⊕*	0.66	(47)	-8.7
Idaho	108.0⊕*	1.30	(48)	-9.3
Colorado	106.0⊕*	0.74	(49)	-11.0
Utah	98.5⊕*	1.07	(50)	-17.3
Hawaii	96.5⊕*	1.19	(51)	-19.0

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	124.4⊕	0.70	(12)	4.5	Montana	113.8	1.45	(36)	-4.5
Alaska	111.6*	2.61	(43)	-6.3	Nebraska	110.3⊕*	1.05	(45)	-7.4
Arizona	108.7⊕*	0.66	(47)	-8.7	Nevada	122.6	1.21	(18)	2.9
Arkansas	118.6	0.86	(28)	-0.4	New Hampshire	128.2⊕*	1.43	(06)	7.6
California	112.1⊕*	0.26	(40)	-5.9	New Jersey	130.0⊕*	0.51	(04)	9.2
Colorado	106.0⊕*	0.74	(49)	-11.0	New Mexico	110.1⊕*	1.11	(46)	-7.6
Connecticut	117.6	0.76	(30)	-1.3	New York	122.9⊕	0.33	(17)	3.2
Delaware	132.6⊕*	1.78	(02)	11.3	North Carolina	119.2	0.53	(26)	0.1
District of Columbia	155.3⊕*	2.17	(01)	30.4	North Dakota	113.0*	1.67	(38)	-5.1
Florida	113.9⊕	0.34	(35)	-4.4	Ohio	124.2⊕	0.43	(13)	4.3
Georgia	119.9	0.58	(24)	0.7	Oklahoma	113.3⊕	0.75	(37)	-4.9
Hawaii	96.5⊕*	1.19	(51)	-19.0	Oregon	114.0⊕	0.77	(33)	-4.3
Idaho	108.0⊕*	1.30	(48)	-9.3	Pennsylvania	126.2⊕*	0.40	(08)	6.0
Illinois	124.6⊕	0.43	(11)	4.6	Rhode Island	123.6	1.41	(14)	3.8
Indiana	120.8	0.60	(23)	1.4	South Carolina	123.4⊕	0.77	(15)	3.6
Iowa	111.7⊕*	0.77	(42)	-6.2	South Dakota	111.2⊕*	1.56	(44)	-6.6
Kansas	111.7⊕*	0.85	(41)	-6.2	Tennessee	121.3	0.62	(22)	1.8
Kentucky	123.1⊕	0.73	(16)	3.4	Texas	116.0⊕	0.35	(31)	-2.6
Louisiana	132.5⊕*	0.75	(03)	11.3	Utah	98.5⊕*	1.07	(50)	-17.3
Maine	127.6⊕*	1.29	(07)	7.1	Vermont	122.3	1.92	(21)	2.7
Maryland	128.3⊕*	0.69	(05)	7.7	Virginia	122.4⊕	0.59	(20)	2.8
Massachusetts	126.0⊕*	0.58	(09)	5.8	Washington	112.7⊕*	0.61	(39)	-5.4
Michigan	119.7	0.46	(25)	0.5	West Virginia	122.4	0.99	(19)	2.8
Minnesota	114.2⊕	0.66	(32)	-4.1	Wisconsin	118.9	0.62	(27)	-0.2
Mississippi	124.7⊕	0.91	(10)	4.7	Wyoming	114.0	2.09	(34)	-4.3
Missouri	118.3	0.60	(29)	-0.7					

\* 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-30  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	140.2	0.15		
High Five States				
District of Columbia	199.4⊕*	3.84	(01)	42.2
Louisiana	161.6⊕*	1.28	(02)	15.3
Delaware	158.5⊕*	2.98	(03)	13.1
Mississippi	155.3⊕*	1.55	(04)	10.8
Alabama	153.5⊕*	1.19	(05)	9.5
Low Five States				
Arizona	126.8⊕*	1.05	(47)	-9.6
Alaska	126.0*	4.19	(48)	-10.1
Colorado	123.8⊕*	1.23	(49)	-11.7
Utah	113.8⊕*	1.72	(50)	-18.8
Hawaii	113.5⊕*	1.89	(51)	-19.0

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	153.5⊕*	1.19	(05)	9.5	Montana	134.3	2.33	(33)	-4.2
Alaska	126.0*	4.19	(48)	-10.1	Nebraska	130.0⊕*	1.70	(42)	-7.3
Arizona	126.8⊕*	1.05	(47)	-9.6	Nevada	143.1	1.96	(23)	2.1
Arkansas	141.5	1.42	(26)	0.9	New Hampshire	147.6*	2.32	(13)	5.3
California	128.7⊕*	0.43	(45)	-8.2	New Jersey	151.0⊕*	0.84	(09)	7.7
Colorado	123.8⊕*	1.23	(49)	-11.7	New Mexico	130.2⊕*	1.80	(40)	-7.1
Connecticut	137.8	1.24	(31)	-1.7	New York	142.5	0.55	(24)	1.6
Delaware	158.5⊕*	2.98	(03)	13.1	North Carolina	144.6	0.91	(20)	3.1
District of Columbia	199.4⊕*	3.84	(01)	42.2	North Dakota	134.1	2.67	(34)	-4.4
Florida	133.8⊕	0.54	(35)	-4.6	Ohio	146.0⊕	0.71	(18)	4.1
Georgia	146.8⊕	1.01	(15)	4.7	Oklahoma	131.9⊕*	1.22	(37)	-5.9
Hawaii	113.5⊕*	1.89	(51)	-19.0	Oregon	131.8⊕*	1.23	(38)	-6.0
Idaho	127.6⊕*	2.08	(46)	-9.0	Pennsylvania	148.2⊕*	0.65	(11)	5.7
Illinois	146.8⊕	0.71	(16)	4.7	Rhode Island	146.3	2.32	(17)	4.4
Indiana	141.8	0.99	(25)	1.1	South Carolina	152.2⊕*	1.34	(08)	8.6
Iowa	130.0⊕*	1.25	(43)	-7.3	South Dakota	132.8*	2.51	(36)	-5.3
Kansas	130.4⊕*	1.38	(39)	-7.0	Tennessee	145.2	1.06	(19)	3.6
Kentucky	147.0⊕	1.23	(14)	4.9	Texas	139.8	0.59	(29)	-0.3
Louisiana	161.6⊕*	1.28	(02)	15.3	Utah	113.8⊕*	1.72	(50)	-18.8
Maine	152.5⊕*	2.13	(07)	8.8	Vermont	143.7	3.16	(22)	2.5
Maryland	152.7⊕*	1.16	(06)	8.9	Virginia	147.7⊕*	1.00	(12)	5.3
Massachusetts	150.5⊕*	0.98	(10)	7.3	Washington	129.8⊕*	0.99	(44)	-7.4
Michigan	140.1	0.76	(28)	-0.1	West Virginia	144.2	1.65	(21)	2.9
Minnesota	134.7⊕	1.07	(32)	-3.9	Wisconsin	140.7	1.01	(27)	0.4
Mississippi	155.3⊕*	1.55	(04)	10.8	Wyoming	130.0*	3.33	(41)	-7.3
Missouri	139.0	0.98	(30)	-0.9					

\* 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-31  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

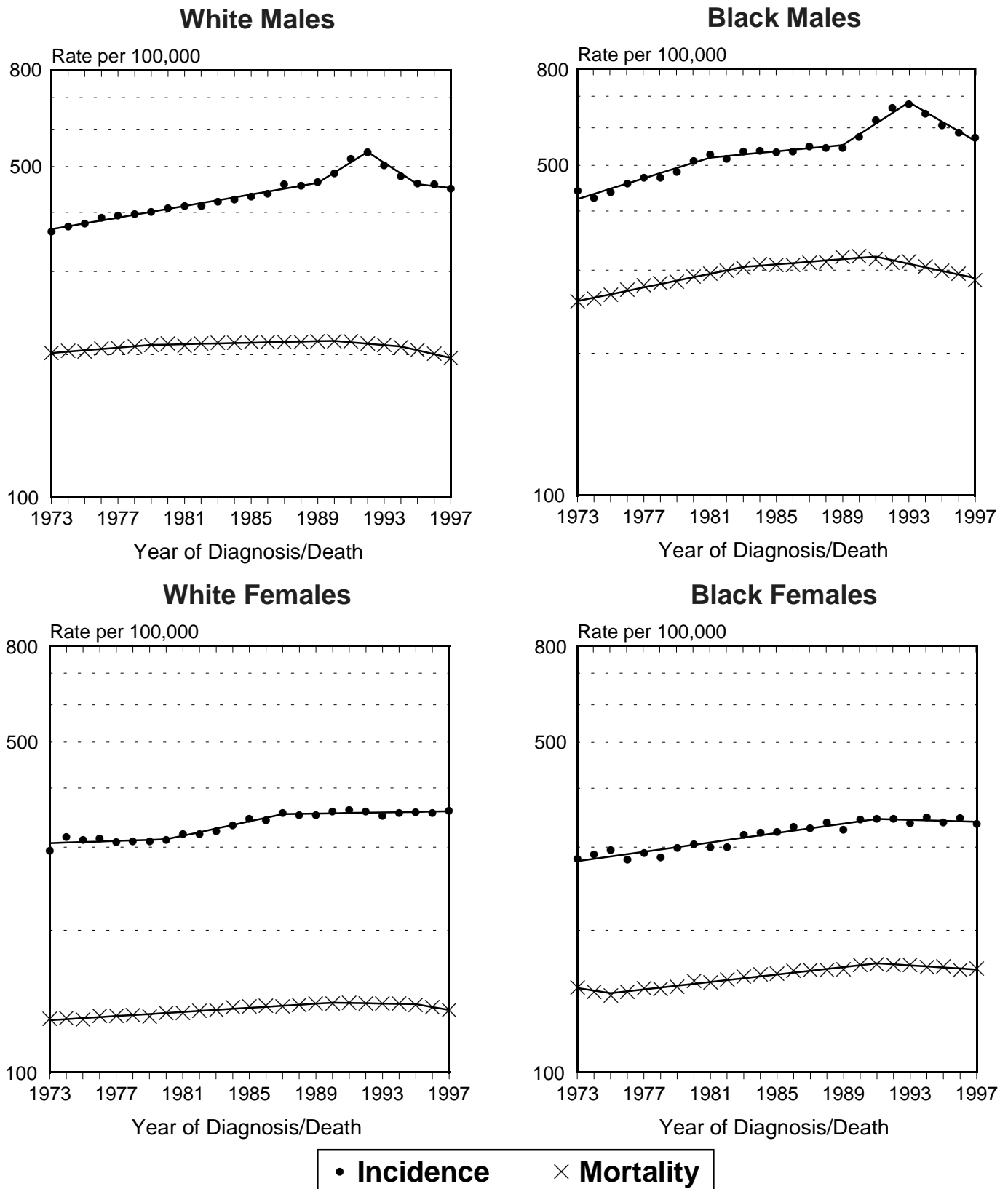
AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	105.8	0.11							
High Five States									
District of Columbia	128.2⊕*	2.61	(01)	21.2					
New Jersey	117.5⊕*	0.66	(02)	11.1					
New Hampshire	116.1⊕*	1.86	(03)	9.7					
Delaware	115.9*	2.25	(04)	9.5					
Louisiana	114.4⊕*	0.93	(05)	8.1					
Low Five States									
Arizona	95.7⊕*	0.84	(47)	-9.5					
Colorado	94.7⊕*	0.95	(48)	-10.5					
Idaho	94.2⊕*	1.68	(49)	-11.0					
Utah	88.4⊕*	1.39	(50)	-16.4					
Hawaii	82.1⊕*	1.52	(51)	-22.4					
Alabama	106.8	0.86	(22)	0.9	Montana	99.5*	1.88	(41)	-6.0
Alaska	100.3*	3.37	(39)	-5.2	Nebraska	97.5⊕*	1.35	(44)	-7.8
Arizona	95.7⊕*	0.84	(47)	-9.5	Nevada	107.7	1.57	(18)	1.8
Arkansas	103.9	1.10	(31)	-1.8	New Hampshire	116.1⊕*	1.86	(03)	9.7
California	101.4⊕	0.34	(36)	-4.2	New Jersey	117.5⊕*	0.66	(02)	11.1
Colorado	94.7⊕*	0.95	(48)	-10.5	New Mexico	96.1⊕*	1.41	(46)	-9.2
Connecticut	105.3	0.97	(26)	-0.5	New York	111.4⊕*	0.43	(09)	5.3
Delaware	115.9*	2.25	(04)	9.5	North Carolina	104.2	0.67	(29)	-1.5
District of Columbia	128.2⊕*	2.61	(01)	21.2	North Dakota	99.0*	2.17	(43)	-6.4
Florida	99.5⊕*	0.43	(42)	-6.0	Ohio	111.1⊕*	0.55	(12)	5.0
Georgia	104.3	0.72	(28)	-1.4	Oklahoma	101.9	0.97	(33)	-3.7
Hawaii	82.1⊕*	1.52	(51)	-22.4	Oregon	102.3	1.00	(32)	-3.3
Idaho	94.2⊕*	1.68	(49)	-11.0	Pennsylvania	113.0⊕*	0.51	(07)	6.8
Illinois	111.3⊕*	0.54	(11)	5.2	Rhode Island	110.9	1.81	(13)	4.8
Indiana	108.4	0.76	(16)	2.5	South Carolina	106.0	0.95	(23)	0.2
Iowa	100.8	1.01	(37)	-4.7	South Dakota	96.5*	2.01	(45)	-8.8
Kansas	100.0⊕*	1.10	(40)	-5.5	Tennessee	107.0	0.79	(21)	1.1
Kentucky	108.2	0.93	(17)	2.3	Texas	100.7⊕	0.44	(38)	-4.8
Louisiana	114.4⊕*	0.93	(05)	8.1	Utah	88.4⊕*	1.39	(50)	-16.4
Maine	112.1*	1.64	(08)	6.0	Vermont	108.7	2.46	(15)	2.7
Maryland	113.6⊕*	0.87	(06)	7.4	Virginia	107.1	0.74	(20)	1.2
Massachusetts	111.4⊕*	0.74	(10)	5.3	Washington	101.5⊕	0.80	(35)	-4.1
Michigan	107.2	0.59	(19)	1.3	West Virginia	108.8	1.26	(14)	2.8
Minnesota	101.6	0.85	(34)	-4.0	Wisconsin	104.9	0.80	(27)	-0.9
Mississippi	106.0	1.12	(24)	0.2	Wyoming	104.1	2.75	(30)	-1.6
Missouri	105.3	0.77	(25)	-0.5					

\* 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).

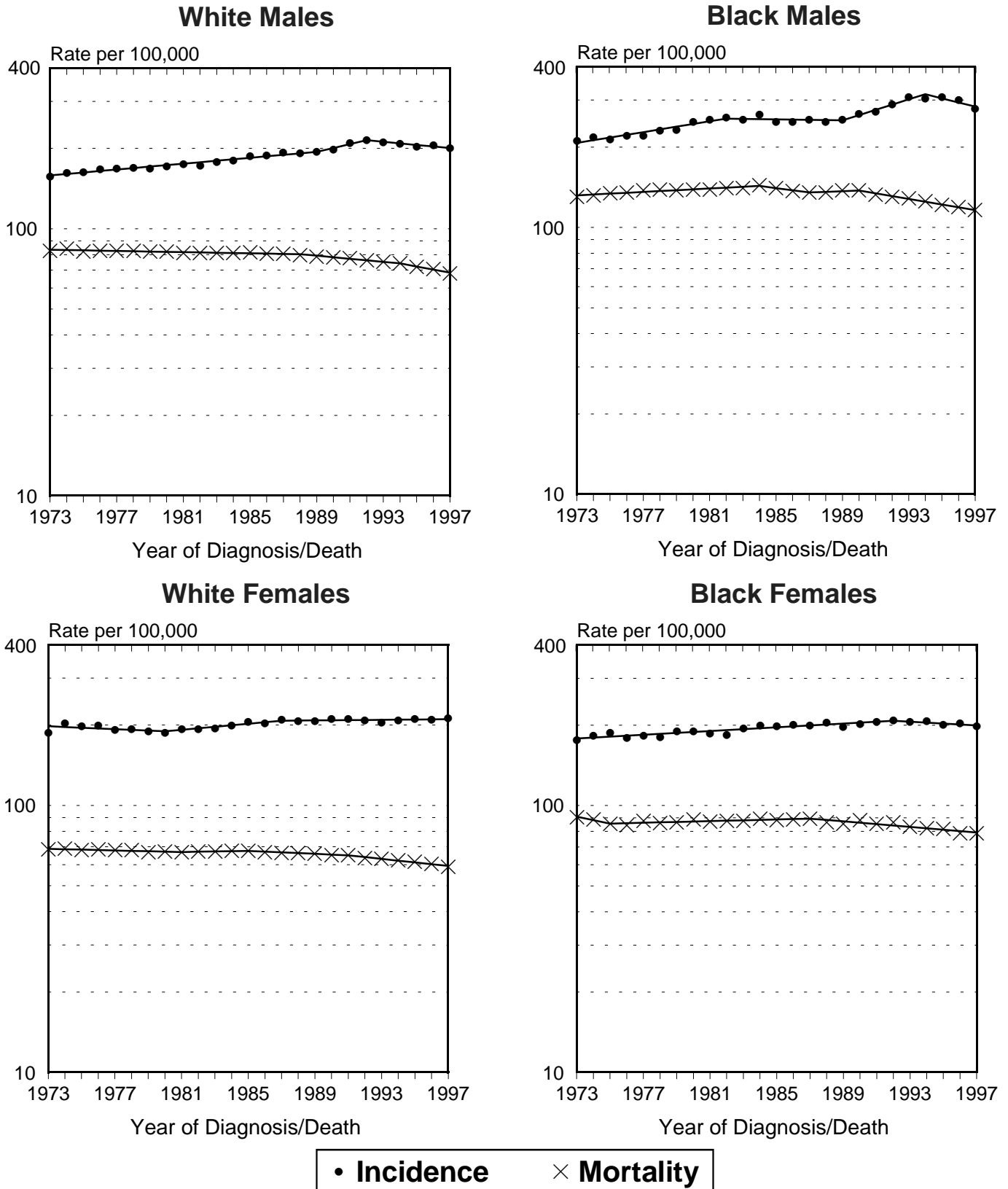
# SEER Incidence and U.S. Mortality Rates<sup>+</sup> All Cancers



<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

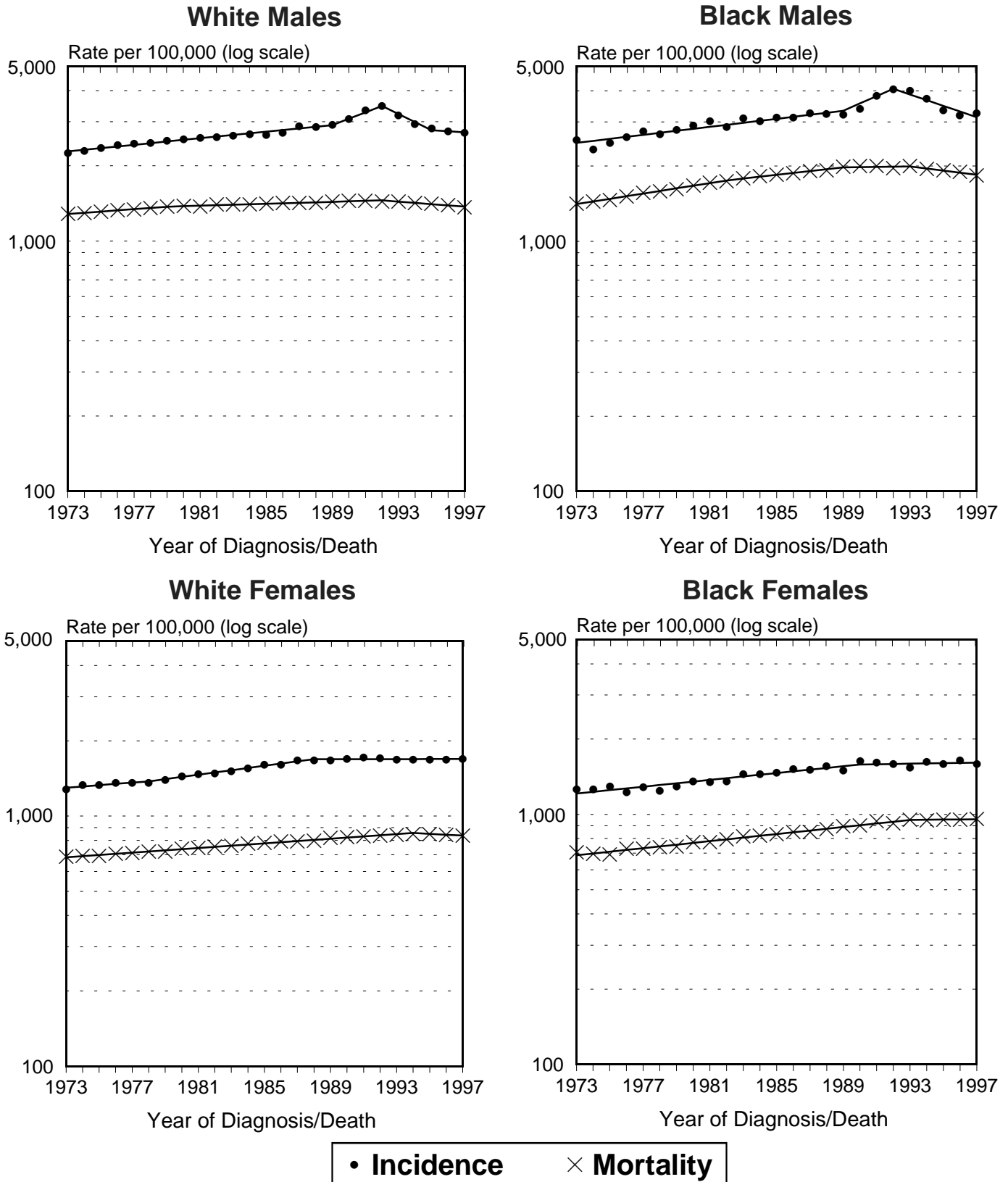


# SEER Incidence and U.S. Mortality Rates<sup>+</sup> All Cancers, Under 65 Years of Age



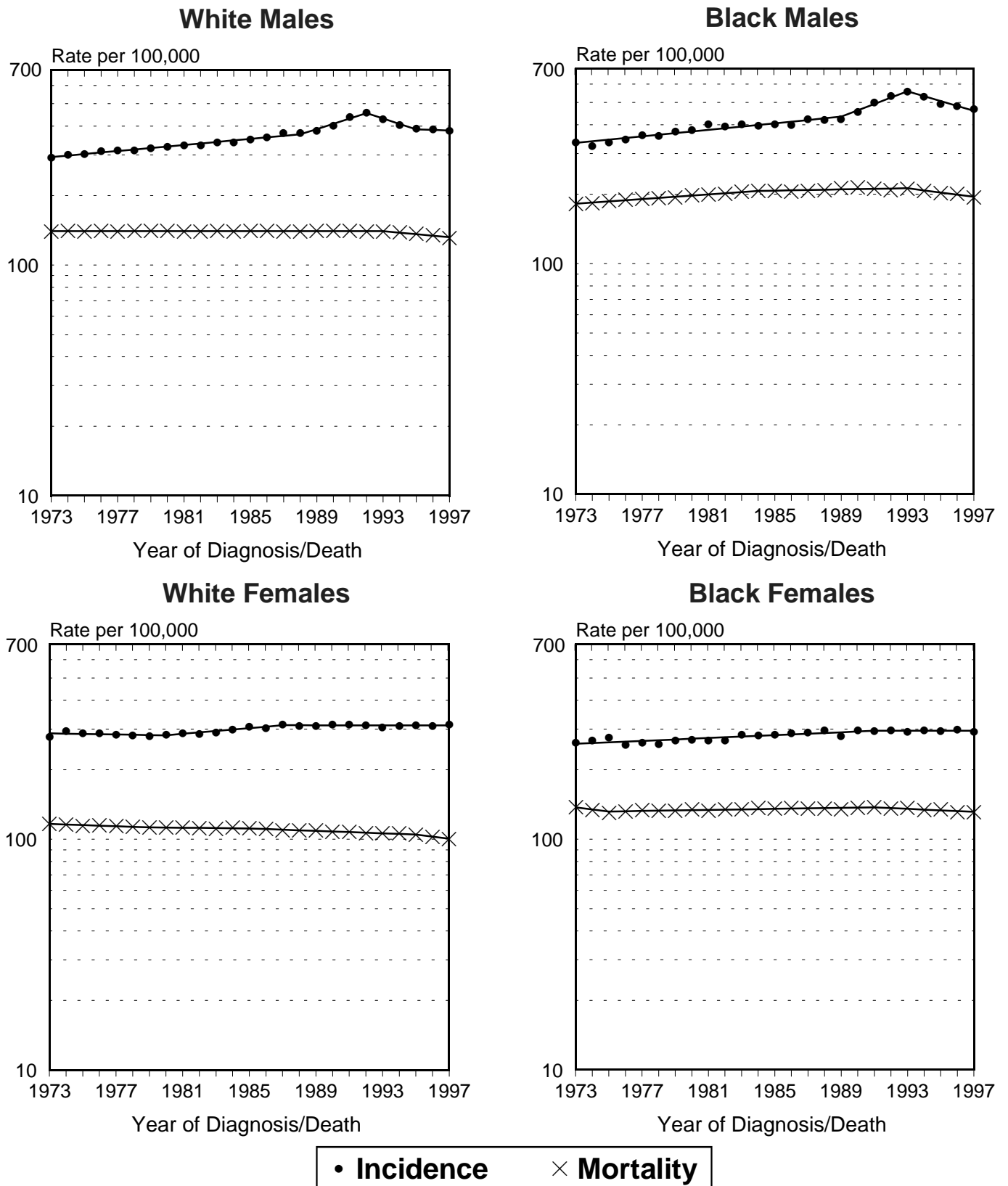
<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

# SEER Incidence and U.S. Mortality Rates<sup>+</sup> All Cancers, Ages 65 and Over



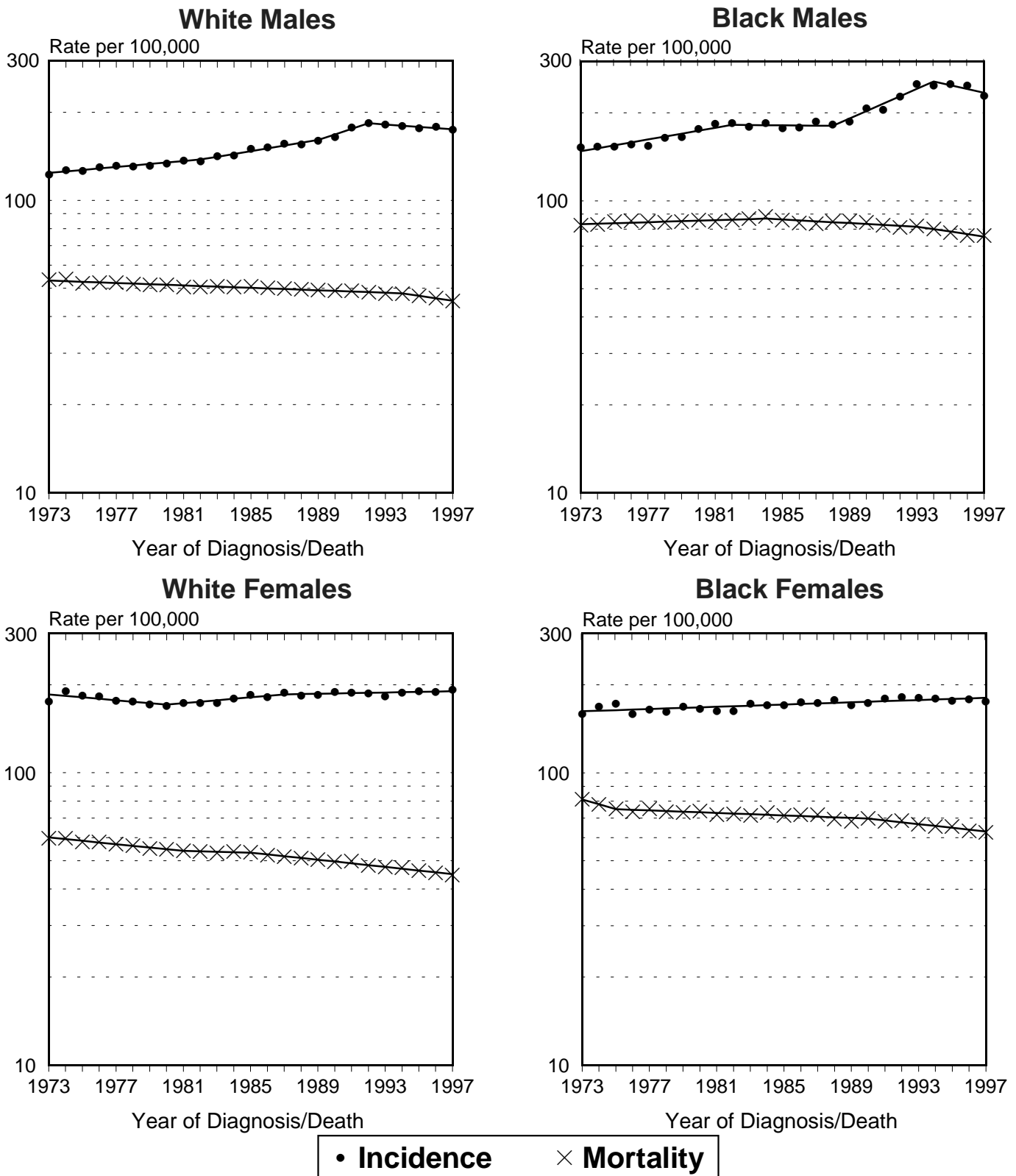
<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

# SEER Incidence and U.S. Mortality Rates<sup>+</sup> All Cancers Except Lung and Bronchus



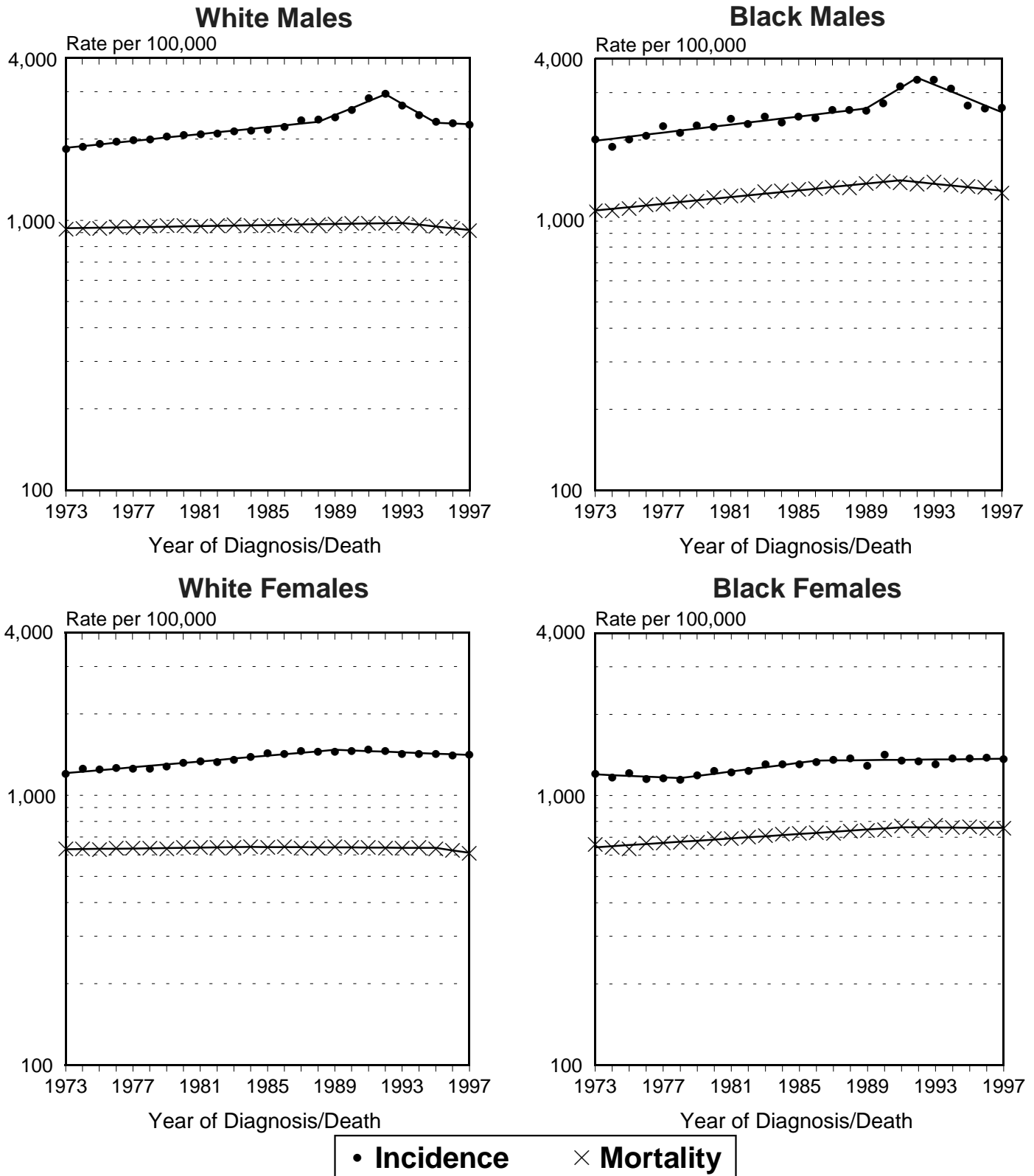
<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

# SEER Incidence and U.S. Mortality Rates<sup>+</sup> All Cancers Except Lung and Bronchus Under 65 Years of Age



<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

# SEER Incidence and U.S. Mortality Rates<sup>+</sup> All Cancers Except Lung and Bronchus Ages 65 and Over



<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.