

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>1973-96</u>									
All Ages									
Percent Change (PC)	20.0	24.6	13.7	19.9	22.5	15.1	24.3	33.3	16.8
Est. Annual PC (EAPC)	1.1★	1.4★	0.8★	1.1★	1.3★	0.8★	1.3★	1.6★	0.9★
Under 65									
Percent Change (PC)	14.7	27.7	4.7	14.2	25.6	5.6	22.9	38.2	10.1
Est. Annual PC (EAPC)	0.8★	1.3★	0.4★	0.8★	1.3★	0.4★	1.0★	1.5★	0.6★
65 and over									
Percent Change (PC)	25.2	22.7	26.0	25.3	20.5	28.0	25.6	29.4	25.5
Est. Annual PC (EAPC)	1.4★	1.4★	1.3★	1.4★	1.3★	1.3★	1.5★	1.7★	1.3★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	1.2	3.7	-1.2	1.2	3.7	-1.2	3.7	6.9	0.9
Est. Annual PC (EAPC)	0.5	1.3★	-0.3	0.5	1.3★	-0.3	1.3★	2.4★	0.3
<u>1992-96 - ALL AGES</u>									
Percent Change (PC)	-6.4	-12.1	-0.6	-6.8	-12.9	-0.6	-7.4	-12.4	-1.7
Est. Annual PC (EAPC)	-2.2★◆	-4.1★◆	-0.3	-2.4★◆	-4.5★◆	-0.4	-2.4★◆	-4.1★◆	-0.6
<u>MORTALITY TRENDS (expressed in percents)*:</u>									
<u>1973-96</u>									
All Ages									
Percent Change (PC)	3.3	1.1	6.4	3.1	0.2	6.6	10.8	14.8	11.2
Est. Annual PC (EAPC)	0.2★	0.1★	0.4★	0.2★	0.1	0.4★	0.6★	0.8★	0.7★
Under 65									
Percent Change (PC)	-12.8	-14.2	-11.5	-12.9	-14.7	-11.2	-9.9	-8.3	-10.3
Est. Annual PC (EAPC)	-0.5★	-0.6★	-0.4★	-0.5★	-0.6★	-0.4★	-0.3★	-0.3★	-0.3★
65 and over									
Percent Change (PC)	15.6	10.5	23.0	14.9	8.9	22.7	31.2	34.1	36.2
Est. Annual PC (EAPC)	0.7★	0.5★	1.0★	0.7★	0.4★	1.0★	1.4★	1.5★	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>1992-96 - ALL AGES</u>									
Percent Change (PC)	-2.4	-3.8	-1.2	-2.2	-3.6	-1.0	-3.2	-4.8	-1.5
Est. Annual PC (EAPC)	-0.8★◆	-1.3★◆	-0.4◆	-0.7★◆	-1.2★◆	-0.4◆	-1.0★◆	-1.5★◆	-0.6◆

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.
SEER Program.
NCHS public use tape.
The EAPC is significantly different from zero ($p < .05$).
The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 ($p < .05$).
The EAPC for 1992-96 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>1973-96</u>									
All Ages									
Percent Change (PC)	18.9	31.4	6.4	18.3	29.0	7.2	24.8	42.2	9.2
Est. Annual PC (EAPC)	1.1★	1.7★	0.5★	1.1★	1.6★	0.5★	1.3★	2.0★	0.6★
Under 65									
Percent Change (PC)	17.3	42.0	1.5	16.6	39.6	2.0	28.3	58.5	5.9
Est. Annual PC (EAPC)	0.9★	1.8★	0.2★	0.9★	1.8★	0.3★	1.2★	2.1★	0.4★
65 and over									
Percent Change (PC)	20.3	24.8	13.0	20.0	22.5	14.2	21.5	30.6	13.4
Est. Annual PC (EAPC)	1.3★	1.6★	0.8★	1.3★	1.5★	0.8★	1.3★	1.9★	0.8★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	0.1	3.4	-2.8	0.1	3.4	-2.8	2.6	7.1	-1.1
Est. Annual PC (EAPC)	0.1	1.2★	-0.9★	0.1	1.2★	-0.8★	0.8	2.4★	-0.4
<u>1992-96 - ALL AGES</u>									
Percent Change (PC)	-6.5	-12.5	-0.6	-7.0	-13.4	-0.7	-7.1	-12.8	-1.2
Est. Annual PC (EAPC)	-2.2★◆	-4.2★◆	-0.3	-2.5★◆	-4.7★◆	-0.4	-2.2◆	-4.0★◆	-0.4
<u>MORTALITY TRENDS (expressed in percents)*:</u>									
<u>1973-96</u>									
All Ages									
Percent Change (PC)	-6.5	-2.3	-10.2	-7.2	-3.3	-10.8	2.6	10.7	-2.1
Est. Annual PC (EAPC)	-0.2★	0.0	-0.4★	-0.3★	-0.1★	-0.5★	0.2★	0.6★	0.1
Under 65									
Percent Change (PC)	-17.9	-12.2	-22.5	-18.5	-12.9	-23.1	-13.8	-6.9	-19.0
Est. Annual PC (EAPC)	-0.8★	-0.5★	-1.1★	-0.8★	-0.5★	-1.1★	-0.5★	-0.3★	-0.8★
65 and over									
Percent Change (PC)	1.6	3.0	0.7	0.6	1.7	-0.2	17.2	22.8	16.9
Est. Annual PC (EAPC)	0.1★	0.2★	0.1★	0.1★	0.1★	0.0	0.8★	1.1★	0.8★
<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>1992-96 - ALL AGES</u>									
Percent Change (PC)	-2.5	-3.1	-2.4	-2.4	-2.9	-2.4	-3.0	-3.9	-2.3
Est. Annual PC (EAPC)	-0.9★◆	-1.0★◆	-0.8★	-0.8★◆	-1.0★◆	-0.8★	-1.0★◆	-1.2★◆	-0.8◆

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.
 SEER Program.
 NCHS public use tape.
 The EAPC is significantly different from zero ($p < .05$).
 The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 ($p < .05$).
 The EAPC for 1992-96 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
AGE-ADJUSTED RATES									
YEAR OF DIAGNOSIS:									
1973	320.0	365.0	293.5	319.7	364.3	295.1	353.1	441.4	283.7
1974	332.9	372.6	311.8	334.1	373.7	314.7	349.8	427.0	289.4
1975	332.7	378.8	307.6	333.9	379.7	310.6	356.6	438.2	296.3
1976	338.0	389.9	308.4	339.7	389.7	313.3	355.6	456.4	282.3
1977	337.6	393.8	304.5	338.7	394.0	307.8	365.6	469.8	292.0
1978	337.7	395.8	303.3	339.6	396.2	308.1	363.3	471.8	284.9
1979	341.3	401.6	305.4	342.1	401.6	308.5	375.4	484.7	298.7
1980	345.8	409.2	307.1	346.4	407.5	311.3	390.7	510.4	305.0
1981	352.0	414.2	314.3	353.3	412.6	319.8	395.6	528.5	301.1
1982	351.7	413.7	314.6	353.8	413.3	320.4	389.7	516.4	300.3
1983	357.5	421.8	318.2	359.6	421.1	324.2	407.2	535.3	318.7
1984	364.6	425.9	328.0	366.6	425.7	333.5	410.2	537.9	322.4
1985	372.5	431.4	337.3	375.4	431.4	343.9	408.6	533.0	323.7
1986	374.5	436.9	336.7	377.4	438.5	341.9	412.9	533.0	331.4
1987	387.7	455.9	345.8	392.3	458.1	353.7	417.5	548.8	328.6
1988	385.2	452.3	343.9	389.7	455.4	351.0	421.3	544.2	338.6
1989	388.1	460.0	342.5	393.3	462.9	350.6	413.4	544.3	326.0
1990	399.7	479.6	348.7	405.1	483.0	356.9	427.1	561.4	337.5
1991	417.3	516.2	351.4	422.5	519.1	359.4	453.8	619.5	343.3
1992	425.6	536.3	349.3	428.7	535.6	356.3	470.9	657.2	343.5
1993	412.1	510.1	343.2	412.2	502.6	349.6	471.8	664.4	337.1
1994	403.8	483.5	347.8	404.2	476.7	354.5	465.4	636.5	344.8
1995	395.2	464.9	346.3	396.4	458.1	354.5	442.4	594.8	333.0
1996	388.6	454.6	342.0	387.3	445.8	347.1	430.9	563.1	336.1
AGE-ADJUSTED RATES, 1992-96									
AGE AT DIAGNOSIS:									
All ages	404.8	489.1	345.8	405.6	483.0	352.5	455.8	621.9	338.7
Under 65	206.6	210.9	203.5	206.0	206.4	206.6	244.7	297.7	202.6
65 and over	2213.9	3028.0	1643.8	2227.4	3008.5	1683.9	2382.6	3581.4	1580.7
All ages (world std.) [§]	326.1	383.1	285.3	326.7	378.1	290.8	369.6	494.0	279.8
AGE-SPECIFIC RATES, 1992-96									
AGE AT DIAGNOSIS:									
0-4	20.4	22.4	18.2	20.8	23.1	18.4	17.0	18.3	15.6
5-9	10.1	11.0	9.2	10.3	11.1	9.5	8.6	9.2	8.0
10-14	12.3	12.5	12.1	12.3	12.2	12.4	11.6	11.9	11.4
15-19	21.0	20.9	21.1	21.8	22.1	21.6	14.7	13.9	15.6
20-24	34.4	32.8	36.2	35.5	34.4	36.7	28.5	26.7	30.1
25-29	60.3	57.0	63.6	63.1	60.1	66.1	47.5	46.0	48.8
30-34	90.6	86.0	95.2	92.2	88.0	96.5	84.2	84.1	84.4
35-39	134.9	111.8	157.9	135.7	112.2	159.7	130.1	118.0	140.6
40-44	207.5	159.5	254.3	204.7	156.0	253.4	230.8	200.9	256.8
45-49	341.9	268.4	413.9	336.2	258.4	414.4	411.2	387.0	432.3
50-54	560.1	519.8	599.0	550.8	498.1	602.7	711.9	808.5	629.6
55-59	869.2	940.3	802.6	862.8	909.5	817.9	1105.1	1483.4	801.9
60-64	1300.4	1569.2	1058.5	1306.1	1540.3	1089.2	1583.6	2241.1	1064.7
65-69	1831.0	2414.5	1344.7	1852.2	2396.4	1391.5	2046.4	3026.6	1287.6
70-74	2289.8	3112.0	1653.8	2302.2	3081.0	1697.8	2572.7	3963.6	1602.5
75-79	2520.1	3469.9	1864.8	2530.8	3445.2	1903.4	2617.9	3941.8	1777.3
80-84	2583.4	3642.4	1979.7	2589.1	3628.9	2010.0	2571.0	3880.5	1873.0
85+	2376.8	3513.9	1922.9	2377.6	3534.0	1936.8	2371.7	3405.0	1917.2

§ 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[§], 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	277.5	291.8	275.3	278.1	291.9	277.3	294.3	336.8	262.7
1974	289.0	298.1	292.0	290.7	299.6	294.9	290.9	324.9	267.6
1975	287.4	302.6	286.2	288.8	303.8	288.7	300.1	337.2	275.7
1976	290.2	310.6	284.6	292.5	311.3	289.4	293.0	345.5	257.1
1977	288.7	313.1	279.7	290.4	314.0	283.2	301.4	361.1	263.1
1978	287.5	313.8	277.2	289.8	315.1	281.6	298.2	358.3	257.8
1979	290.4	320.2	277.6	291.7	320.9	280.6	310.1	373.2	269.2
1980	293.4	324.8	279.0	295.2	325.3	283.0	314.7	379.4	271.2
1981	298.1	329.7	283.5	299.9	329.3	288.5	322.4	402.3	268.0
1982	296.8	328.6	282.2	299.2	329.5	287.1	318.5	392.9	268.9
1983	302.5	337.7	285.0	305.0	338.9	289.9	331.3	404.3	284.0
1984	307.8	339.4	293.4	310.9	341.5	298.6	327.6	397.5	282.7
1985	316.3	347.6	302.0	319.9	349.4	308.0	329.5	401.7	283.4
1986	317.6	353.3	299.7	321.0	356.6	304.3	331.6	399.0	288.3
1987	329.2	370.6	307.2	333.6	373.7	314.0	343.0	424.7	290.3
1988	326.5	369.0	303.6	330.8	373.1	309.3	343.5	418.2	295.7
1989	330.1	377.7	302.4	335.3	381.8	309.5	335.2	421.2	280.3
1990	341.1	398.0	307.1	346.3	402.1	314.4	351.8	445.5	291.1
1991	357.7	434.4	308.2	363.2	438.8	315.3	372.4	494.3	293.7
1992	366.0	454.7	306.1	369.6	456.3	312.0	389.0	529.6	294.7
1993	354.2	431.4	300.9	354.3	425.5	305.9	397.1	549.6	291.4
1994	346.6	407.9	304.5	347.0	402.2	310.1	389.5	523.7	295.8
1995	338.9	390.8	303.6	340.1	385.9	310.0	369.4	479.6	290.3
1996	334.4	384.6	299.8	333.0	377.4	303.4	361.1	461.7	288.9
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	347.8	413.2	303.0	348.7	408.8	308.3	380.8	507.7	292.1
Under 65	181.6	180.7	183.3	181.5	177.9	185.9	205.4	241.3	177.2
65 and over	1865.4	2535.3	1395.4	1874.0	2516.1	1426.1	1982.1	2939.1	1340.9
All ages (world std.) [§]	281.4	324.6	251.4	282.2	321.2	255.8	309.1	403.2	241.7
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	20.4	22.4	18.2	20.8	23.1	18.4	17.0	18.3	15.6
5-9	10.1	11.0	9.2	10.3	11.1	9.5	8.6	9.2	8.0
10-14	12.3	12.5	12.1	12.3	12.1	12.4	11.6	11.9	11.4
15-19	20.9	20.9	21.0	21.7	22.0	21.4	14.7	13.9	15.6
20-24	34.1	32.5	35.8	35.2	34.1	36.3	27.9	25.8	29.9
25-29	59.8	56.4	63.1	62.6	59.6	65.7	46.7	45.2	48.1
30-34	88.9	84.1	93.7	90.6	86.2	95.1	81.3	80.5	82.0
35-39	129.9	106.3	153.3	131.3	107.7	155.2	119.6	104.0	133.1
40-44	195.3	145.4	244.0	194.1	144.4	243.8	205.7	165.5	240.6
45-49	310.2	233.5	385.5	306.5	226.7	386.7	354.6	317.2	387.2
50-54	488.3	436.3	538.2	483.1	423.2	542.0	581.4	624.9	544.4
55-59	736.8	780.2	696.2	732.5	759.3	706.7	900.7	1171.8	683.4
60-64	1086.0	1299.5	893.8	1090.4	1276.9	917.7	1287.0	1814.0	871.0
65-69	1514.7	1997.8	1112.1	1530.8	1982.4	1148.7	1655.6	2456.8	1035.6
70-74	1911.7	2597.5	1381.2	1919.6	2573.1	1412.5	2114.9	3216.5	1346.6
75-79	2119.6	2896.0	1584.0	2121.7	2864.6	1611.9	2209.9	3263.5	1540.9
80-84	2224.0	3080.8	1735.6	2225.3	3060.1	1760.2	2196.9	3205.9	1659.1
85+	2133.4	3057.6	1764.5	2138.4	3073.6	1781.8	2111.2	2944.9	1744.4

[§] 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-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	173.4	219.9	142.2	169.6	213.3	140.7	227.5	316.8	169.6
1992	172.1	217.5	141.6	168.5	211.1	140.0	224.9	311.1	169.3
1993	172.0	216.8	141.7	168.4	210.2	140.2	225.8	313.7	169.0
1994	170.7	213.9	141.5	167.4	207.7	140.2	221.9	305.9	167.5
1995	169.0	210.5	140.8	165.8	204.7	139.3	219.9	299.8	168.2
1996	166.9	207.1	139.1	163.8	201.4	138.0	216.2	295.2	165.0
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DEATH:</u>									
All ages	170.1	213.1	140.9	166.7	207.0	139.5	221.6	304.9	167.7
Under 65	70.1	77.3	63.5	67.6	73.5	62.1	100.9	124.7	82.4
65 and over	1083.2	1452.3	846.9	1072.0	1425.2	845.9	1323.6	1950.0	946.3
All ages (world std.)N	130.3	159.7	109.5	127.4	154.7	108.3	172.5	232.2	132.6
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DEATH:</u>									
0-4	2.9	3.2	2.6	2.9	3.3	2.6	2.7	2.7	2.7
5-9	2.9	3.2	2.6	2.9	3.3	2.6	2.9	3.1	2.8
10-14	2.8	3.1	2.4	2.8	3.2	2.4	2.8	2.8	2.7
15-19	4.0	4.7	3.3	4.0	4.7	3.3	4.2	4.8	3.7
20-24	5.4	6.3	4.5	5.4	6.3	4.4	6.3	7.0	5.5
25-29	8.6	8.8	8.4	8.4	8.8	8.0	10.7	10.2	11.1
30-34	15.3	14.6	16.1	14.7	14.1	15.3	21.0	19.5	22.3
35-39	28.4	25.2	31.5	26.9	24.1	29.8	41.5	36.1	46.3
40-44	54.2	50.0	58.3	50.8	46.4	55.3	84.9	83.9	85.8
45-49	104.7	101.9	107.4	98.7	94.2	103.1	167.6	185.1	153.0
50-54	195.5	205.6	186.0	186.4	191.8	181.1	302.3	367.7	249.1
55-59	329.2	371.1	290.6	317.6	351.5	285.7	478.9	617.8	370.0
60-64	524.9	626.6	434.7	513.1	603.4	431.4	708.8	953.0	524.6
65-69	751.8	937.2	598.8	741.7	914.3	597.4	950.7	1295.5	695.1
70-74	1008.6	1293.8	790.5	994.3	1261.0	788.2	1300.1	1863.7	919.7
75-79	1249.1	1663.9	967.4	1240.2	1636.4	969.2	1475.0	2199.7	1035.8
80-84	1530.1	2177.1	1169.3	1515.9	2142.9	1166.5	1826.5	2887.6	1279.6
85+	1789.4	2773.6	1405.2	1782.9	2759.8	1406.9	1989.1	3238.8	1473.8

* 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-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	140.5	108.1	166.3	214.5	137.0
1991	123.3	145.4	110.0	120.1	140.7	108.0	165.9	212.2	137.6
1992	122.1	144.6	108.5	119.0	140.1	106.5	163.4	208.7	135.9
1993	121.9	144.3	108.2	118.7	139.5	106.1	164.9	211.4	136.6
1994	121.2	143.0	107.7	118.2	138.5	105.8	161.9	206.8	134.3
1995	119.8	141.0	106.6	116.8	136.7	104.5	160.5	202.8	134.7
1996	118.0	138.9	104.8	115.2	134.7	102.9	157.9	200.7	131.6
<u>AGE-ADJUSTED RATES, 1992-96</u>									
<u>AGE AT DEATH:</u>									
All ages	120.6	142.3	107.1	117.6	137.9	105.2	161.7	206.0	134.6
Under 65	49.2	50.0	48.6	47.2	47.5	47.0	71.7	79.3	66.0
65 and over	772.0	985.1	641.6	759.9	962.7	636.2	982.3	1361.8	760.6
All ages (world std.)N	91.9	105.7	83.1	89.3	102.1	81.4	124.9	154.7	106.1
<u>AGE-SPECIFIC RATES, 1992-96</u>									
<u>AGE AT DEATH:</u>									
0-4	2.9	3.2	2.6	2.9	3.3	2.6	2.7	2.7	2.7
5-9	2.9	3.2	2.5	2.9	3.3	2.6	2.9	3.1	2.7
10-14	2.8	3.1	2.4	2.8	3.2	2.4	2.7	2.8	2.7
15-19	4.0	4.6	3.3	4.0	4.7	3.2	4.2	4.7	3.6
20-24	5.4	6.3	4.4	5.3	6.2	4.3	6.2	6.9	5.5
25-29	8.4	8.6	8.2	8.2	8.6	7.8	10.4	9.9	10.9
30-34	14.3	13.4	15.2	13.7	13.0	14.4	19.4	17.6	21.1
35-39	25.0	21.3	28.6	23.7	20.6	26.9	35.9	28.4	42.4
40-44	44.9	38.6	51.1	42.3	36.3	48.3	68.0	59.8	75.1
45-49	80.0	71.6	88.1	75.5	66.8	84.2	125.6	123.3	127.5
50-54	137.3	131.6	142.7	130.2	122.8	137.4	213.2	229.8	199.6
55-59	218.4	226.2	211.1	209.0	213.3	204.9	325.0	377.0	284.2
60-64	338.7	374.7	306.7	328.2	358.9	300.3	474.8	579.3	395.9
65-69	485.5	564.2	420.5	475.0	546.8	415.0	643.4	806.1	522.9
70-74	679.0	821.6	570.0	664.9	796.4	563.2	918.0	1223.9	711.6
75-79	892.1	1127.2	732.4	880.5	1103.1	728.2	1111.0	1553.1	843.1
80-84	1175.2	1587.5	945.3	1158.8	1555.4	937.8	1470.7	2191.7	1099.0
85+	1519.0	2249.7	1233.7	1511.8	2233.4	1234.1	1717.3	2689.6	1316.4

* 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
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 ^a	-	-	-	39	-	-	27	-	-
1970-73 ^a	-	-	-	43	-	-	31	-	-
1974-76 ^b	49.5	41.0	56.9	50.5	42.1	57.7	39.1	31.6	47.0
1977-79 ^b	50.0	43.3	56.2	51.1	44.6	57.0	39.2	32.4	46.7
1980-82 ^b	50.9	45.2	56.2	52.0	46.6	57.0	39.7	34.2	45.9
1983-85 ^b	52.4	46.8	57.7	53.8	48.4	58.8	39.8	34.7	45.4
1986-88 ^b	55.2	49.9	60.2	56.6	51.6	61.3	42.5	37.6	47.6
1989-95 ^b	59.4S	57.5S	61.4S	60.9S	59.2S	62.6S	47.7S	46.5S	49.1S
<u>5-YR RELATIVE SURVIVAL RATES, 1989-95^b</u>									
AGE AT DIAGNOSIS:									
<45	67.8	55.3	77.8	70.1	57.9	80.2	51.6	36.9	62.6
45-54	62.4	50.8	71.1	64.8	53.5	73.0	46.5	36.5	56.1
55-64	59.2	56.8	61.8	60.8	58.8	63.3	47.5	47.3	47.7
65-74	59.7	62.0	56.4	60.9	63.3	57.7	49.8	54.6	42.2
75+	52.4	56.7	48.4	53.5	57.8	49.7	42.4	48.3	36.2
Under 65	62.5	55.0	69.5	64.5	57.3	71.2	48.4	41.8	55.3
65 and over	56.7	60.0	52.9	57.9	61.2	54.1	47.2	52.6	39.9

^a
^b

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 1996.

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The difference in rates between 1974-76 and 1989-95 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 ^a	-	-	-	-	-	-	-	-	-
1970-73 ^a	-	-	-	-	-	-	-	-	-
1974-76 ^b	55.3	49.0	60.0	56.4	50.3	60.8	44.7	38.8	49.7
1977-79 ^b	56.2	51.8	59.8	57.3	53.2	60.6	45.4	40.4	49.7
1980-82 ^b	57.6	54.1	60.4	58.8	55.6	61.3	46.1	42.4	49.6
1983-85 ^b	59.2	55.6	62.3	60.7	57.3	63.5	46.4	43.2	49.3
1986-88 ^b	62.3	58.5	65.6	63.8	60.4	66.9	49.1	45.6	52.4
1989-95 ^b	66.5 S	65.8 S	67.3 S	68.1 S	67.5 S	68.7 S	54.7 S	55.2 S	54.2 S
<u>5-YR RELATIVE SURVIVAL RATES, 1989-95^b</u>									
<u>AGE AT DIAGNOSIS:</u>									
<45	69.5	57.1	79.1	71.6	59.4	81.4	54.3	39.8	64.5
45-54	68.9	58.3	76.2	71.2	60.8	78.1	54.0	44.6	61.7
55-64	68.1	67.0	69.3	69.9	68.9	71.1	56.5	58.4	53.9
65-74	68.8	72.2	64.2	70.1	73.5	65.6	58.8	65.3	48.9
75+	59.0	65.1	53.5	60.3	66.4	54.9	47.7	55.9	39.5
Under 65	68.7	62.1	74.6	70.7	64.2	76.5	55.1	49.7	60.1
65 and over	64.7	69.4	59.4	66.0	70.7	60.7	54.7	62.1	45.0

^a
^b

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 1996.

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The difference in rates between 1974-76 and 1989-95 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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	332.7	338.0	337.6	337.7	341.3	345.8	352.0	351.7	357.5	364.6	372.5	374.5	387.7	385.2	388.1	399.7	417.3	425.6	412.1	403.8	395.2	388.6
Mortality																						
U.S.	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	170.7	169.0	166.9
SEER	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	162.2	165.9	163.2	161.5	161.1	157.5	155.6
Relative Survival Rates (SEER)																						
1-year	69.3	69.7	69.9	70.2	70.3	70.7	71.2	71.5	72.1	72.3	73.1	73.4	74.1	74.2	74.7	75.6	77.2	77.7	77.0	76.7	76.4	
2-year	59.9	60.0	60.3	60.6	60.5	61.1	61.8	61.7	62.6	62.8	63.7	64.0	65.1	65.4	66.1	67.2	69.0	70.1	69.6	68.9		
3-year	55.1	55.3	55.3	55.6	55.4	56.0	56.8	56.8	57.6	57.8	58.8	59.3	60.4	61.0	61.6	62.9	64.9	66.3	65.6			
4-year	52.0	52.2	52.1	52.4	52.2	52.7	53.4	53.7	54.3	54.5	55.5	56.3	57.5	58.2	58.7	60.1	62.3	63.7				
5-year	49.7	49.9	49.9	50.1	49.9	50.3	51.2	51.1	51.8	52.0	53.2	54.1	55.3	56.0	56.6	58.3	60.2					
6-year	47.8	48.2	48.3	48.4	48.2	48.6	49.4	49.1	49.8	50.3	51.6	52.4	53.6	54.3	54.9	56.6						
7-year	46.6	47.0	47.0	46.9	46.8	47.1	47.7	47.6	48.2	49.0	50.1	51.0	52.0	52.8	53.5							
8-year	45.6	45.9	45.9	45.9	45.7	45.8	46.5	46.4	46.8	47.8	49.0	49.9	50.9	51.6								
9-year	44.8	45.1	45.0	44.8	44.7	44.7	45.4	45.6	45.9	46.7	47.9	48.9	49.7									
10-year	44.0	44.4	44.1	43.9	43.8	43.8	44.4	44.9	45.0	45.7	47.0	47.9										
11-year	43.5	43.6	43.3	43.1	43.0	43.1	43.8	44.2	44.2	44.9	46.2											
12-year	42.9	43.0	42.7	42.5	42.4	42.4	43.2	43.5	43.6	44.2												
13-year	42.5	42.6	42.3	42.2	41.8	42.0	42.7	43.0	42.8													
14-year	42.1	42.2	41.8	41.7	41.3	41.6	42.2	42.3														
15-year	41.7	41.9	41.5	41.2	40.9	41.3	41.7															
16-year	41.3	41.5	41.1	40.9	40.6	40.7																
17-year	41.1	41.3	40.9	40.5	40.2																	
18-year	41.0	41.1	40.6	40.2																		
19-year	40.9	41.1	40.3																			
20-year	40.8	40.7																				
21-year	40.4																					

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-10
ALL SITES (Invasive)INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	378.8	389.9	393.8	395.8	401.6	409.2	414.2	413.7	421.8	425.9	431.4	436.9	455.9	452.3	460.0	479.6	516.2	536.3	510.1	483.5	464.9	454.6
Mortality																						
U.S.	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	219.9	217.5	216.8	213.9	210.5	207.1
SEER	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	202.9	204.6	203.7	199.7	200.0	192.3	188.5
Relative Survival Rates (SEER)																						
1-year	63.1	63.8	64.8	64.8	65.7	66.4	67.1	67.6	68.4	68.2	69.1	69.6	70.8	71.1	71.9	73.6	76.2	77.3	76.3	75.7	75.0	
2-year	52.6	52.8	54.1	54.1	55.2	55.9	57.1	56.9	58.0	57.6	58.8	59.2	61.0	61.3	62.7	64.4	67.8	69.6	68.7	67.5		
3-year	47.2	47.8	48.7	48.7	49.6	50.5	51.8	51.9	52.8	52.2	53.6	54.1	55.8	56.4	57.8	59.9	63.8	66.0	64.9			
4-year	43.8	44.5	45.3	45.3	46.2	47.1	48.2	48.3	49.2	48.7	50.0	50.7	52.7	53.1	54.5	57.0	61.1	63.6				
5-year	41.1	42.0	42.9	43.0	43.9	44.4	45.8	45.5	46.7	46.1	47.5	48.4	50.4	50.8	52.2	55.0	58.9					
6-year	38.9	40.1	41.1	41.2	42.0	42.6	43.8	43.3	44.6	44.1	45.8	46.5	48.6	48.9	50.4	53.2						
7-year	37.6	38.8	39.7	39.5	40.4	40.9	41.9	41.5	42.8	42.8	44.1	45.0	46.7	47.1	48.7							
8-year	36.2	37.4	38.3	38.4	39.1	39.5	40.7	40.3	41.3	41.4	42.9	43.8	45.3	45.7								
9-year	35.1	36.3	37.2	37.2	38.0	38.2	39.5	39.3	40.2	40.2	41.7	42.5	44.0									
10-year	34.0	35.3	36.2	35.8	36.9	37.2	38.4	38.6	39.3	39.3	40.7	41.4										
11-year	33.4	34.3	35.0	34.8	35.9	36.4	37.4	37.9	38.4	38.4	39.7											
12-year	32.6	33.6	34.3	34.2	35.0	35.7	36.6	37.1	37.8	37.5												
13-year	32.0	32.8	33.8	33.6	34.2	35.3	36.2	36.5	36.9													
14-year	31.5	32.3	33.1	33.2	33.5	34.9	35.5	35.8														
15-year	31.0	31.9	32.7	32.5	33.1	34.4	35.0															
16-year	30.5	31.3	32.1	31.9	32.6	33.9																
17-year	30.2	30.9	31.9	31.5	32.0																	
18-year	29.8	30.5	31.5	31.1																		
19-year	29.8	30.5	31.2																			
20-year	29.6	30.3																				
21-year	29.0																					

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	307.6	308.4	304.5	303.3	305.4	307.1	314.3	314.6	318.2	328.0	337.3	336.7	345.8	343.9	342.5	348.7	351.4	349.3	343.2	347.8	346.3	342.0
Mortality																						
U.S.	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	141.6	141.7	141.5	140.8	139.1
SEER	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	140.5	136.0	135.7	134.7	134.2	133.4
Relative Survival Rates (SEER)																						
1-year	75.2	75.5	74.9	75.7	75.0	75.1	75.2	75.5	75.8	76.4	77.0	77.3	77.4	77.5	77.7	77.8	78.4	78.2	78.0	77.8	77.8	
2-year	66.8	66.9	66.4	66.9	65.8	66.3	66.5	66.5	67.1	67.9	68.6	68.9	69.3	69.5	69.7	70.2	70.5	70.8	70.6	70.5		
3-year	62.3	62.3	61.5	62.1	61.0	61.3	61.6	61.6	62.3	63.3	63.9	64.5	64.8	65.6	65.5	66.0	66.2	66.6	66.4			
4-year	59.2	59.1	58.4	59.0	57.9	58.2	58.3	58.8	59.1	60.1	60.8	61.7	62.2	63.1	62.9	63.4	63.7	63.9				
5-year	57.1	57.0	56.3	56.7	55.6	55.8	56.3	56.4	56.7	57.6	58.6	59.4	60.1	61.0	60.9	61.6	61.7					
6-year	55.3	55.3	54.7	54.9	53.9	54.1	54.5	54.5	54.7	56.1	57.0	57.9	58.3	59.5	59.4	60.0						
7-year	54.1	54.0	53.4	53.5	52.5	52.7	52.9	53.0	53.1	54.6	55.6	56.5	56.9	58.1								
8-year	53.2	53.1	52.3	52.4	51.5	51.4	51.6	51.9	51.8	53.5	54.5	55.5	56.0	57.1								
9-year	52.6	52.2	51.5	51.3	50.5	50.4	50.5	51.1	51.0	52.3	53.3	54.6	54.9									
10-year	51.7	51.6	50.7	50.6	49.6	49.5	49.6	50.4	50.1	51.2	52.5	53.7										
11-year	51.1	50.9	50.0	49.8	48.9	48.7	49.1	49.5	49.1	50.3	51.7											
12-year	50.6	50.2	49.3	49.2	48.4	48.0	48.6	48.7	48.5	49.7												
13-year	50.1	49.9	48.9	48.9	47.9	47.4	47.9	48.2	47.7													
14-year	49.6	49.4	48.4	48.4	47.5	47.0	47.5	47.5														
15-year	49.1	49.0	48.0	47.9	46.9	46.7	46.9															
16-year	48.6	48.7	47.7	47.6	46.6	45.9																
17-year	48.4	48.6	47.3	47.0	46.2																	
18-year	48.3	48.2	47.0	46.6																		
19-year	48.0	48.0	46.5																			
20-year	47.7	47.4																				
21-year	47.2																					

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	287.4	290.2	288.7	287.5	290.4	293.4	298.1	296.8	302.5	307.8	316.3	317.6	329.2	326.5	330.1	341.1	357.7	366.0	354.2	346.6	338.9	334.4
Mortality																						
U.S.	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	123.2	123.3	122.1	121.9	121.2	119.8	118.0
SEER	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	118.0	120.1	118.5	117.1	116.9	114.1	113.1
Relative Survival Rates (SEER)																						
1-year	74.8	75.2	75.4	75.7	76.0	76.4	77.1	77.3	77.9	78.2	78.8	79.1	79.9	80.0	80.5	81.3	82.8	83.3	82.6	82.3	82.0	
2-year	66.1	66.3	66.8	67.1	67.1	67.9	68.8	68.7	69.5	70.0	70.8	71.1	72.3	72.6	73.3	74.2	76.1	77.0	76.5	75.9		
3-year	61.3	61.5	61.7	62.1	62.0	62.8	63.9	63.8	64.6	65.0	65.9	66.5	67.7	68.4	69.0	70.2	72.1	73.5	72.8			
4-year	58.0	58.3	58.4	58.8	58.6	59.4	60.3	60.6	61.2	61.7	62.5	63.4	64.7	65.5	65.9	67.4	69.5	71.0				
5-year	55.6	55.9	56.1	56.4	56.2	56.8	58.0	57.9	58.6	59.0	60.1	61.1	62.5	63.3	63.7	65.5	67.4					
6-year	53.6	54.1	54.3	54.6	54.4	54.9	56.0	55.7	56.4	57.2	58.3	59.3	60.6	61.5	61.9	63.7						
7-year	52.2	52.7	52.9	53.0	52.8	53.3	54.2	54.0	54.6	55.8	56.8	57.8	58.9	59.9	60.4							
8-year	51.1	51.6	51.7	51.8	51.7	51.9	52.9	52.8	53.2	54.5	55.6	56.7	57.7	58.6								
9-year	50.3	50.7	50.7	50.7	50.6	50.7	51.7	51.9	52.2	53.3	54.4	55.5	56.4									
10-year	49.4	50.0	49.8	49.7	49.6	49.8	50.7	51.2	51.2	52.2	53.4	54.5										
11-year	48.8	49.1	48.9	48.8	48.8	49.0	50.0	50.4	50.3	51.2	52.5											
12-year	48.1	48.4	48.2	48.2	48.1	48.3	49.3	49.6	49.6	50.5												
13-year	47.7	48.0	47.8	47.8	47.5	47.9	48.7	49.0	48.8													
14-year	47.3	47.6	47.2	47.3	46.9	47.5	48.1	48.3														
15-year	46.8	47.2	46.8	46.8	46.5	47.1	47.6															
16-year	46.3	46.8	46.4	46.3	46.1	46.4																
17-year	46.1	46.5	46.1	45.8	45.6																	
18-year	46.0	46.2	45.8	45.4																		
19-year	45.8	46.2	45.4																			
20-year	45.6	45.8																				
21-year	45.0																					

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	302.6	310.6	313.1	313.8	320.2	324.8	329.7	328.6	337.7	339.4	347.6	353.3	370.6	369.0	377.7	398.0	434.4	454.7	431.4	407.9	390.8	384.6
Mortality																						
U.S.	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	145.5	145.4	144.6	144.3	143.0	141.0	138.9
SEER	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	139.0	140.2	140.6	137.9	138.8	133.8	131.7
Relative Survival Rates (SEER)																						
1-year	70.9	71.5	72.7	72.4	73.7	74.2	75.3	75.4	76.1	76.0	76.9	76.9	78.1	78.2	79.0	80.6	82.8	83.7	82.7	82.1	81.6	
2-year	61.4	61.5	63.1	63.1	64.2	65.2	66.7	66.2	67.2	66.9	68.0	68.0	69.8	70.0	71.2	72.8	76.0	77.4	76.7	75.5		
3-year	55.9	56.4	57.6	57.7	58.6	59.7	61.4	61.1	62.1	61.5	62.8	63.0	64.8	65.1	66.5	68.6	72.2	74.2	73.2			
4-year	52.3	52.9	54.1	54.1	54.9	56.1	57.5	57.4	58.2	57.8	59.0	59.5	61.5	61.8	63.0	65.6	69.5	71.9				
5-year	49.2	50.2	51.3	51.6	52.4	53.1	54.9	54.2	55.4	54.9	56.3	57.1	59.0	59.4	60.4	63.5	67.3					
6-year	46.8	48.0	49.3	49.6	50.3	51.0	52.7	51.8	53.1	52.8	54.4	54.9	57.1	57.4	58.4	61.6						
7-year	45.2	46.5	47.7	47.7	48.4	49.1	50.5	49.8	51.1	51.4	52.6	53.3	55.0	55.4	56.5							
8-year	43.6	45.0	46.1	46.4	47.0	47.6	49.2	48.5	49.4	49.8	51.2	51.9	53.3	53.8								
9-year	42.4	43.8	44.8	45.0	45.8	46.2	47.9	47.4	48.2	48.4	49.9	50.4	51.9									
10-year	41.1	42.6	43.8	43.5	44.6	45.1	46.7	46.6	47.1	47.4	48.7	49.2										
11-year	40.4	41.4	42.4	42.4	43.4	44.3	45.5	45.7	46.1	46.2	47.5											
12-year	39.4	40.6	41.7	41.7	42.5	43.5	44.5	44.8	45.5	45.3												
13-year	38.9	39.8	41.1	41.0	41.6	43.0	44.1	44.1	44.5													
14-year	38.3	39.2	40.3	40.5	40.6	42.5	43.3	43.3														
15-year	37.8	38.8	39.7	39.7	39.7	40.1	42.0	42.7														
16-year	37.1	38.1	39.1	39.0	39.6	41.4																
17-year	36.7	37.5	38.7	38.4	38.9																	
18-year	36.3	37.1	38.2	38.0																		
19-year	36.2	37.1	37.8																			
20-year	35.8	36.8																				
21-year	35.1																					

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

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	286.2	284.6	279.7	277.2	277.6	279.0	283.5	282.2	285.0	293.4	302.0	299.7	307.2	303.6	302.4	307.1	308.2	306.1	300.9	304.5	303.6	299.8
Mortality																						
U.S.	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	108.2	107.7	106.6	104.8
SEER	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	108.3	104.7	104.4	103.1	102.0	101.6
Relative Survival Rates (SEER)																						
1-year	77.9	78.3	77.7	78.5	78.1	78.2	78.6	79.0	79.4	80.2	80.5	81.2	81.6	81.7	81.9	82.1	82.7	82.7	82.4	82.5	82.4	
2-year	69.9	70.2	69.9	70.4	69.6	70.3	70.7	71.0	71.6	72.7	73.2	73.8	74.6	75.0	75.2	75.7	76.2	76.6	76.3	76.3		
3-year	65.5	65.6	65.1	65.8	64.8	65.4	65.9	66.0	66.8	68.1	68.6	69.6	70.3	71.4	71.3	71.7	72.1	72.7	72.3			
4-year	62.3	62.5	61.9	62.6	61.7	62.2	62.6	63.2	63.7	64.9	65.5	66.9	67.7	68.9	68.7	69.2	69.6	69.9				
5-year	60.3	60.3	59.8	60.2	59.4	59.9	60.5	60.9	61.2	62.4	63.2	64.6	65.5	66.8	66.6	67.5	67.6					
6-year	58.4	58.6	58.2	58.4	57.7	58.1	58.7	58.9	59.1	60.8	61.6	63.0	63.7	65.2	65.1	65.7						
7-year	57.2	57.3	56.9	57.1	56.2	56.7	57.1	57.3	57.5	59.3	60.2	61.6	62.3	63.8	63.8							
8-year	56.3	56.3	55.8	55.9	55.2	55.3	55.8	56.2	56.2	58.2	59.1	60.6	61.3	62.7								
9-year	55.6	55.5	54.9	54.8	54.2	54.2	54.7	55.4	55.3	57.0	57.9	59.6	60.2									
10-year	54.8	55.0	54.0	54.1	53.4	53.4	53.7	54.7	54.4	55.8	57.0	58.7										
11-year	54.2	54.2	53.4	53.3	52.7	52.6	53.3	53.8	53.4	54.9	56.2											
12-year	53.6	53.5	52.6	52.7	52.1	51.9	52.7	53.1	52.8	54.3												
13-year	53.1	53.2	52.2	52.4	51.6	51.3	52.0	52.6	51.9													
14-year	52.7	52.8	51.8	51.9	51.2	50.9	51.5	51.8														
15-year	52.1	52.4	51.4	51.4	51.4	50.7	50.5	50.9														
16-year	51.6	52.0	51.0	51.0	50.4	49.7																
17-year	51.4	51.9	50.6	50.5	49.9																	
18-year	51.3	51.5	50.3	50.0																		
19-year	51.0	51.3	49.8																			
20-year	50.7	50.7																				
21-year	50.2																					

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-15

ALL SITES (Invasive)

AGE-SPECIFIC CANCER SEER INCIDENCE RATES§ AND 24-YEAR TRENDS, 1973-96

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	95-96	73-96	73-96	1973-74	95-96	73-96	73-96	1973-74	95-96	73-96	73-96
Males & Females	326.4	391.9	20.0	1.1★	326.9	391.9	19.9	1.1★	351.4	436.7	24.3	1.3★
0-54:	99.7	108.3	8.6	0.6★	98.7	107.4	8.8	0.6★	111.6	122.2	9.5	0.5★
0-14	12.8	13.8	7.5	0.7★	13.3	13.9	4.8	0.6★	10.3	11.3	9.5	1.1★
15-34	36.9	45.7	23.7	1.2★	36.9	47.1	27.5	1.4★	36.0	38.1	5.8	0.7★
35-44	160.8	168.7	4.9	0.6★	157.8	166.6	5.5	0.7★	181.1	177.6	-1.9	0.2
45-54	418.9	446.8	6.7	0.4★	413.8	438.4	6.0	0.4★	491.4	562.3	14.4	0.5★
55-64	872.5	1054.5	20.9	1.0★	877.9	1050.7	19.7	1.0★	945.7	1294.6	36.9	1.5★
65+:	1679.7	2103.1	25.2	1.4★	1687.4	2114.3	25.3	1.4★	1767.8	2220.9	25.6	1.5★
65-74	1469.6	1932.7	31.5	1.7★	1475.0	1946.5	32.0	1.7★	1612.3	2108.3	30.8	1.8★
75+	2022.1	2380.8	17.7	1.1★	2033.6	2387.7	17.4	1.1★	2021.2	2404.3	19.0	1.1★
Males	368.8	459.7	24.6	1.4★	369.0	452.0	22.5	1.3★	434.2	578.9	33.3	1.6★
0-54:	78.6	93.5	19.0	1.0★	77.0	91.2	18.5	1.1★	103.3	124.6	20.6	0.9★
0-14	14.2	15.2	6.9	0.7★	14.7	15.2	3.7	0.6★	10.3	12.3	18.7	1.5★
15-34	31.1	42.4	36.4	2.0★	31.9	43.9	37.4	2.1★	24.7	38.1	53.9	2.8★
35-44	103.5	130.0	25.6	1.6★	101.1	126.7	25.4	1.8★	134.6	160.0	18.9	1.1★
45-54	337.8	385.2	14.1	0.6★	325.3	368.1	13.2	0.6★	508.1	594.4	17.0	0.6★
55-64	897.7	1207.1	34.5	1.5★	892.7	1169.7	31.0	1.4★	1194.9	1812.9	51.7	1.9★
65+:	2258.9	2770.6	22.7	1.4★	2279.1	2746.0	20.5	1.3★	2442.9	3161.8	29.4	1.7★
65-74	1867.9	2505.7	34.1	1.8★	1879.9	2477.6	31.8	1.8★	2170.4	3039.1	40.0	2.1★
75+	2896.2	3202.2	10.6	0.9★	2929.7	3183.4	8.7	0.9★	2887.1	3361.8	16.4	1.2★
Females	302.7	344.2	13.7	0.8★	304.9	350.8	15.1	0.8★	286.5	334.6	16.8	0.9★
0-54:	120.0	122.8	2.3	0.3★	119.9	123.7	3.2	0.3★	118.7	120.2	1.2	0.2
0-14	11.4	12.3	8.1	0.6★	11.8	12.5	6.1	0.6★	10.4	10.4	0.0	0.8★
15-34	42.7	48.9	14.6	0.6★	42.0	50.4	20.1	0.8★	45.9	38.0	-17.3	-0.5
35-44	216.3	206.8	-4.4	0.1	213.8	206.7	-3.3	0.2	221.3	193.0	-12.8	-0.3
45-54	495.9	506.8	2.2	0.2★	498.3	508.6	2.1	0.2★	475.9	535.1	12.4	0.5★
55-64	849.8	915.6	7.7	0.5★	865.2	939.2	8.6	0.5★	720.4	885.6	22.9	1.2★
65+:	1294.0	1630.2	26.0	1.3★	1303.5	1668.5	28.0	1.3★	1260.9	1582.7	25.5	1.3★
65-74	1161.1	1470.3	26.6	1.3★	1170.1	1512.5	29.3	1.4★	1137.9	1421.9	25.0	1.5★
75+	1510.7	1891.0	25.2	1.2★	1520.9	1922.8	26.4	1.2★	1461.2	1844.7	26.2	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 24-YEAR TRENDS, 1973-96

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	95-96	73-96	73-96	1973-74	95-96	73-96	73-96	1973-74	95-96	73-96	73-96
Males & Females	162.6	167.9	3.3	0.2★	159.9	164.8	3.1	0.2★	196.8	218.1	10.8	0.6★
0-54:	39.0	29.7	-23.9	-1.2★	37.3	28.3	-24.3	-1.2★	56.9	44.4	-22.0	-1.0★
0-14	5.4	2.7	-49.7	-2.9★	5.5	2.7	-50.9	-3.0★	4.8	2.8	-41.5	-2.5★
15-34	10.4	7.4	-29.1	-1.4★	10.3	7.2	-30.8	-1.6★	11.5	9.3	-19.1	-0.8★
35-44	56.0	40.8	-27.2	-1.3★	53.2	38.4	-27.8	-1.4★	83.0	61.8	-25.6	-1.2★
45-54	180.3	143.8	-20.2	-1.0★	171.1	136.9	-20.0	-1.0★	278.7	221.8	-20.4	-0.9★
55-64	425.7	409.6	-3.8	0.0	414.3	398.5	-3.8	0.0	564.8	569.8	0.9	0.2
65+:	932.3	1078.1	15.6	0.7★	928.9	1067.6	14.9	0.7★	1003.3	1316.5	31.2	1.4★
65-74	764.9	856.2	11.9	0.6★	754.5	845.4	12.1	0.6★	911.3	1087.2	19.3	1.1★
75+	1205.1	1439.7	19.5	0.9★	1213.3	1429.8	17.8	0.8★	1153.3	1690.2	46.5	1.8★
Males	206.6	208.8	1.1	0.1★	202.7	203.0	0.2	0.1	259.2	297.5	14.8	0.8★
0-54:	39.3	29.8	-24.3	-1.2★	37.3	28.1	-24.7	-1.3★	62.4	49.0	-21.6	-1.0★
0-14	6.0	3.0	-50.0	-3.0★	6.2	3.1	-50.4	-3.1★	5.2	2.8	-45.9	-2.8★
15-34	11.2	7.7	-31.2	-1.6★	11.3	7.6	-33.1	-1.7★	10.9	9.3	-14.9	-0.7★
35-44	50.1	37.1	-26.0	-1.3★	47.5	34.7	-27.0	-1.3★	76.9	58.8	-23.6	-1.3★
45-54	185.0	146.7	-20.7	-1.1★	172.3	137.1	-20.4	-1.1★	324.6	257.5	-20.7	-1.0★
55-64	510.9	473.9	-7.2	-0.2	492.5	453.4	-7.9	-0.2★	738.6	750.4	1.6	0.1
65+:	1296.1	1431.6	10.5	0.5★	1290.6	1406.0	8.9	0.4★	1428.3	1916.0	34.1	1.5★
65-74	1033.7	1077.4	4.2	0.2★	1018.6	1052.3	3.3	0.2★	1251.9	1502.0	20.0	1.0★
75+	1723.7	2008.9	16.5	0.8★	1733.9	1982.4	14.3	0.7★	1715.8	2590.8	51.0	2.0★
Females	131.5	139.9	6.4	0.4★	130.1	138.7	6.6	0.4★	149.8	166.6	11.2	0.7★
0-54:	38.7	29.6	-23.5	-1.1★	37.4	28.5	-23.8	-1.1★	52.1	40.6	-22.1	-0.9★
0-14	4.7	2.4	-49.3	-2.8★	4.8	2.3	-51.7	-2.9★	4.4	2.8	-36.1	-2.2★
15-34	9.6	7.0	-26.9	-1.3★	9.4	6.7	-28.1	-1.4★	11.9	9.2	-22.4	-0.9★
35-44	61.7	44.5	-27.9	-1.3★	58.7	42.2	-28.2	-1.4★	88.1	64.5	-26.8	-1.0★
45-54	175.9	141.2	-19.8	-0.9★	170.1	136.6	-19.7	-0.9★	240.0	192.7	-19.7	-0.8★
55-64	350.7	351.7	0.3	0.1	345.2	348.1	0.8	0.1	420.6	432.0	2.7	0.3★
65+:	690.3	849.0	23.0	1.0★	691.1	848.2	22.7	1.0★	700.3	953.9	36.2	1.6★
65-74	559.7	679.6	21.4	1.0★	554.0	678.1	22.4	1.1★	647.3	793.8	22.6	1.3★
75+	903.3	1124.9	24.5	1.0★	914.5	1125.3	23.0	1.0★	786.7	1214.8	54.4	1.9★

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-17

ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AGE-SPECIFIC CANCER SEER INCIDENCE RATES§ AND 24-YEAR TRENDS, 1973-96

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	95-96	73-96	73-96	1973-74	95-96	73-96	73-96	1973-74	95-96	73-96	73-96
Males & Females	283.2	336.6	18.9	1.1★	284.4	336.6	18.3	1.1★	292.6	365.2	24.8	1.3★
0-54:	89.3	100.2	12.3	0.8★	88.8	99.8	12.4	0.8★	93.5	107.6	15.1	0.8★
0-14	12.8	13.8	7.6	0.7★	13.2	13.9	4.9	0.6★	10.2	11.3	10.7	1.2★
15-34	36.3	45.3	24.8	1.3★	36.3	46.7	28.6	1.4★	35.2	37.5	6.8	0.7★
35-44	147.0	160.3	9.1	0.9★	144.8	159.4	10.1	1.0★	160.1	159.9	-0.1	0.4★
45-54	360.2	398.8	10.7	0.6★	358.1	392.9	9.7	0.6★	386.3	477.8	23.7	0.9★
55-64	727.3	893.1	22.8	1.1★	734.7	889.8	21.1	1.1★	740.7	1059.1	43.0	1.6★
65+:	1462.7	1760.1	20.3	1.3★	1471.2	1765.5	20.0	1.3★	1510.5	1835.1	21.5	1.3★
65-74	1242.6	1598.4	28.6	1.6★	1248.1	1605.2	28.6	1.6★	1329.0	1726.3	29.9	1.8★
75+	1821.5	2023.8	11.1	0.8★	1834.8	2026.7	10.5	0.8★	1806.2	2012.3	11.4	0.8★
Males	295.0	387.7	31.4	1.7★	295.8	381.6	29.0	1.6★	330.8	470.6	42.2	2.0★
0-54:	64.0	84.3	31.7	1.6★	63.3	83.0	31.1	1.6★	75.5	105.1	39.3	1.7★
0-14	14.2	15.2	6.8	0.7★	14.7	15.2	3.5	0.6★	10.3	12.3	18.7	1.5★
15-34	30.4	41.9	38.2	2.1★	31.3	43.4	38.8	2.1★	23.2	37.2	60.4	2.9★
35-44	86.2	120.4	39.7	2.2★	84.9	119.3	40.5	2.3★	105.3	133.9	27.1	1.8★
45-54	253.6	331.1	30.5	1.3★	246.1	318.7	29.5	1.3★	344.0	484.3	40.8	1.4★
55-64	669.7	1009.4	50.7	2.0★	668.7	981.3	46.7	2.0★	841.9	1462.2	73.7	2.4★
65+:	1841.7	2299.4	24.8	1.6★	1856.9	2275.5	22.5	1.5★	1951.8	2549.7	30.6	1.9★
65-74	1452.8	2070.7	42.5	2.2★	1459.2	2044.1	40.1	2.2★	1640.6	2469.5	50.5	2.5★
75+	2475.5	2672.1	7.9	0.9★	2505.0	2652.5	5.9	0.8★	2459.0	2680.4	9.0	1.1★
Females	283.6	301.7	6.4	0.5★	286.1	306.7	7.2	0.5★	265.2	289.6	9.2	0.6★
0-54:	113.4	115.7	2.0	0.3★	113.5	116.7	2.8	0.3★	109.4	109.8	0.4	0.2
0-14	11.3	12.3	8.6	0.7★	11.8	12.5	6.5	0.6★	10.1	10.4	2.2	0.8★
15-34	42.1	48.6	15.3	0.6★	41.4	50.0	21.0	0.8★	45.7	37.7	-17.5	-0.5
35-44	205.9	199.5	-3.1	0.2	203.8	199.9	-1.9	0.3★	207.6	182.6	-12.1	-0.3
45-54	461.4	464.7	0.7	0.2	465.0	467.0	0.4	0.2	424.3	472.5	11.3	0.5★
55-64	781.2	787.3	0.8	0.2	796.0	804.4	1.1	0.2	649.7	741.4	14.1	0.7★
65+:	1218.4	1377.0	13.0	0.8★	1229.2	1404.3	14.2	0.8★	1186.8	1346.2	13.4	0.8★
65-74	1081.3	1217.0	12.6	0.8★	1090.9	1246.3	14.3	0.9★	1065.3	1177.9	10.6	0.9★
75+	1441.8	1637.7	13.6	0.7★	1454.7	1661.7	14.2	0.8★	1384.8	1620.6	17.0	0.6★

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 24-YEAR TRENDS, 1973-96

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	95-96	73-96	73-96	1973-74	95-96	73-96	73-96	1973-74	95-96	73-96	73-96
Males & Females	127.2	118.9	-6.5	-0.2★	125.0	116.0	-7.2	-0.3★	155.1	159.2	2.6	0.2★
0-54:	30.7	23.2	-24.4	-1.2★	29.5	22.1	-25.2	-1.2★	43.2	34.2	-20.9	-0.9★
0-14	5.4	2.7	-49.8	-3.0★	5.5	2.7	-51.0	-3.0★	4.8	2.8	-41.5	-2.5★
15-34	10.0	7.1	-29.2	-1.4★	10.0	6.9	-31.0	-1.6★	11.0	9.0	-18.3	-0.8★
35-44	45.3	34.5	-24.0	-1.0★	43.2	32.6	-24.5	-1.1★	65.8	50.6	-23.1	-0.9★
45-54	133.0	105.0	-21.0	-1.0★	126.7	99.6	-21.4	-1.0★	200.3	161.6	-19.3	-0.8★
55-64	306.7	269.5	-12.1	-0.5★	297.4	260.1	-12.6	-0.5★	415.6	385.4	-7.3	-0.2★
65+:	752.4	764.1	1.6	0.1★	747.7	752.3	0.6	0.1★	831.8	975.0	17.2	0.8★
65-74	580.4	562.1	-3.2	-0.1	569.0	550.6	-3.2	-0.1★	726.8	750.3	3.2	0.4★
75+	1032.7	1093.4	5.9	0.3★	1038.9	1081.1	4.1	0.2★	1002.9	1341.1	33.7	1.3★
Males	143.3	140.0	-2.3	0.0	140.3	135.7	-3.3	-0.1★	182.3	201.8	10.7	0.6★
0-54:	26.9	21.8	-19.0	-0.9★	25.8	20.7	-19.8	-0.9★	39.4	33.8	-14.2	-0.6★
0-14	6.0	3.0	-50.2	-3.0★	6.2	3.1	-50.5	-3.1★	5.2	2.8	-46.2	-2.7★
15-34	10.7	7.4	-31.1	-1.6★	10.9	7.3	-33.3	-1.7★	10.1	8.9	-12.3	-0.6★
35-44	35.1	29.6	-15.6	-0.6★	33.7	28.1	-16.6	-0.6★	49.7	43.2	-12.9	-0.7★
45-54	113.0	98.4	-12.9	-0.6★	105.8	92.3	-12.8	-0.6★	190.8	166.7	-12.6	-0.5★
55-64	312.2	290.0	-7.1	-0.2★	299.1	276.5	-7.5	-0.2★	465.6	458.7	-1.5	0.0
65+:	941.7	970.0	3.0	0.2★	932.4	948.3	1.7	0.1★	1091.8	1340.9	22.8	1.1★
65-74	683.2	666.9	-2.4	0.0	665.9	647.0	-2.8	-0.1★	896.1	965.5	7.7	0.5★
75+	1362.9	1464.0	7.4	0.4★	1366.6	1439.2	5.3	0.3★	1410.8	1952.8	38.4	1.6★
Females	117.8	105.7	-10.2	-0.4★	116.3	103.7	-10.8	-0.5★	135.9	133.1	-2.1	0.1
0-54:	34.2	24.6	-28.2	-1.4★	33.0	23.5	-29.0	-1.4★	46.3	34.5	-25.5	-1.1★
0-14	4.7	2.4	-49.3	-2.8★	4.8	2.3	-51.8	-2.9★	4.4	2.8	-35.9	-2.3★
15-34	9.3	6.8	-27.2	-1.3★	9.1	6.5	-28.5	-1.4★	11.6	9.0	-22.7	-0.9★
35-44	55.2	39.3	-28.8	-1.3★	52.4	37.1	-29.2	-1.4★	79.2	57.0	-28.0	-1.0★
45-54	151.6	111.4	-26.5	-1.3★	146.4	106.7	-27.1	-1.3★	208.3	157.5	-24.4	-1.1★
55-64	302.1	251.1	-16.9	-0.8★	296.2	245.0	-17.3	-0.8★	374.3	329.5	-12.0	-0.4★
65+:	632.2	636.4	0.7	0.1★	632.2	631.1	-0.2	0.0	650.1	760.1	16.9	0.8★
65-74	502.5	478.7	-4.7	-0.1★	496.1	472.9	-4.7	-0.1★	595.7	598.5	0.5	0.3★
75+	843.5	893.5	5.9	0.3★	854.0	888.8	4.1	0.2★	738.7	1023.4	38.6	1.4★

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-19

TOTAL DEATHS FROM ALL CAUSES AND TOTAL DEATHS ATTRIBUTED TO
ACQUIRED IMMUNE DEFICIENCY SYNDROME[⊕] BY SITE AND SEX

All Cancers Diagnosed Between 1973-96, All Deaths Occurred Between 1983-96

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	17,620	528	3.00	7,283	4	0.05
Digestive system	104,376	229	0.22	91,190	8	0.01
Respiratory system	114,339	211	0.18	61,617	11	0.02
Bone & Joint	811	2	0.25	526	0	0.00
Soft tissue (incl heart)	2,268	63	2.78	1,718	3	0.17
Skin (ex basal & squamous)	16,164	6,093	37.69	5,129	33	0.64
Breast	750	1	0.13	88,756	12	0.01
Female genital system	-	-	-	47,581	22	0.05
Cervix uteri	-	-	-	8,090	13	0.16
Corpus & Uterus, NOS	-	-	-	19,525	4	0.02
Ovary	-	-	-	16,701	2	0.01
Vagina	-	-	-	699	0	0.00
Vulva	-	-	-	1,897	3	0.16
Male genital system	94,179	132	0.14	-	-	-
Prostate	92,082	32	0.03	-	-	-
Testis	1,156	41	3.55	-	-	-
Penis	738	48	6.50	-	-	-
Urinary system	36,571	24	0.07	15,366	0	0.00
Eye & Orbit	701	2	0.29	566	0	0.00
Brain & Other nervous	8,639	12	0.14	6,752	0	0.00
Endocrine system	1,785	6	0.34	2,423	1	0.04
Lymphomas	20,467	2,291	11.19	15,490	105	0.68
Non-Hodgkin's lymphomas	18,113	2,203	12.16	14,097	99	0.70
Multiple myeloma	6,798	14	0.21	6,347	0	0.00
Leukemias	15,688	19	0.12	11,927	3	0.03
Miscellaneous	15,604	70	0.45	16,793	7	0.04
All Sites	456,760	9,697	2.12	379,464	209	0.06

⊕ 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[⊕] BY SITE AND AGE

All Cancers Diagnosed Between 1973-96, All Deaths Occurred Between 1983-96

Surveillance, Epidemiology and End Results Programs

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	497	220	44.27	1,477	435	29.45	4,281	511	11.94
Digestive system	998	76	7.62	4,046	153	3.78	12,666	203	1.60
Respiratory system	457	67	14.66	3,154	154	4.88	14,809	197	1.33
Bone & Joint	364	1	0.27	426	1	0.23	491	2	0.41
Soft tissue (incl heart)	407	26	6.39	638	49	7.68	890	60	6.74
Skin (ex basal & squamous)	3,521	2,199	62.45	7,889	5,019	63.62	10,094	5,882	58.27
Breast	4	1	25.00	35	1	2.86	98	1	1.02
Male genital system	563	40	7.10	931	83	8.92	2,589	101	3.90
Prostate	15	0	0.00	99	1	1.01	1,519	3	0.20
Testis	521	27	5.18	742	38	5.12	899	40	4.45
Penis	18	10	55.56	71	36	50.70	142	48	33.80
Urinary system	211	2	0.95	833	10	1.20	3,534	19	0.54
Eye & Orbit	36	0	0.00	71	1	1.41	163	2	1.23
Brain & Other nervous	1,394	7	0.50	2,305	11	0.48	3,606	11	0.31
Endocrine system	228	3	1.32	375	6	1.60	650	6	0.92
Lymphomas	2,453	702	28.62	4,916	1,654	33.65	7,519	2,135	28.39
Non-Hodgkin's lymphomas	1,670	659	39.46	3,831	1,583	41.32	6,110	2,049	33.54
Multiple myeloma	33	0	0.00	249	5	2.01	845	9	1.07
Leukemias	1,669	7	0.42	2,497	15	0.60	3,857	16	0.41
Miscellaneous	258	24	9.30	827	47	5.68	2,177	58	2.66
All Sites	13,093	3,375	25.78	30,669	7,644	24.92	68,269	9,213	13.50

[⊕] 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-21
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 <35</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 ^b	67.8	60.6	73.5	68.7	61.8	74.4	61.2	52.2	66.7
1977-79 ^b	71.3	65.2	76.2	72.3	66.7	76.8	64.3	49.7	71.7
1980-82 ^b	73.3	69.4	76.4	74.5	71.0	77.5	63.3	55.7	68.2
1983-85 ^b	71.7	65.4	77.3	73.2	67.2	79.0	59.2	50.8	65.0
1986-88 ^b	71.4	62.8	79.9	72.9	64.5	81.4	58.5	47.8	66.6
1989-95 ^b	70.9S	62.2	79.8S	73.0S	64.4S	82.1S	55.3S	43.0S	65.9
<u>AGES <45</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 ^b	65.9	57.2	71.3	67.1	59.1	72.2	55.2	41.1	62.9
1977-79 ^b	68.0	60.3	73.0	69.7	63.0	74.2	55.6	39.0	64.5
1980-82 ^b	69.6	63.2	73.9	71.2	65.8	74.9	56.8	43.2	65.1
1983-85 ^b	68.4	59.8	74.6	70.4	62.0	76.6	53.7	42.3	60.6
1986-88 ^b	67.8	56.0	77.0	69.4	57.9	78.6	54.1	39.7	64.0
1989-95 ^b	67.8S	55.3S	77.8S	70.1S	57.9	80.2S	51.6S	36.9	62.6
<u>AGES <55</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 ^b	59.6	47.5	67.4	61.1	49.4	68.5	45.5	32.1	55.1
1977-79 ^b	60.3	49.2	67.9	62.1	51.8	69.2	44.9	30.6	55.6
1980-82 ^b	62.0	52.8	68.5	63.7	55.5	69.5	47.0	33.7	57.5
1983-85 ^b	63.0	52.9	70.3	65.1	55.5	72.0	46.7	34.9	55.9
1986-88 ^b	63.8	51.8	72.9	65.8	54.4	74.6	47.7	34.5	58.3
1989-95 ^b	65.2S	53.2S	74.5S	67.5S	55.8S	76.7S	49.2S	36.7S	59.6S

^b 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 1995.

S The difference in rates between 1974-76 and 1989-95 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
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 <35</u>									
YEAR OF DIAGNOSIS:									
1974-76 ^b	68.2	61.0	73.8	69.1	62.1	74.8	61.3	52.3	66.6
1977-79 ^b	71.7	65.6	76.5	72.6	67.1	77.1	65.2	51.3	72.0
1980-82 ^b	73.6	69.7	76.7	74.8	71.4	77.7	63.7	55.7	68.6
1983-85 ^b	72.1	65.9	77.7	73.6	67.5	79.3	59.9	51.9	65.4
1986-88 ^b	71.7	63.1	80.2	73.2	64.8	81.7	59.2	48.5	67.4
1989-95 ^b	71.4 S	62.7	80.1 S	73.4 S	64.8 S	82.3 S	56.0 S	44.0 S	66.3
<u>AGES <45</u>									
YEAR OF DIAGNOSIS:									
1974-76 ^b	68.2	60.2	73.0	69.3	61.9	73.8	58.7	45.2	65.1
1977-79 ^b	70.5	63.7	74.7	71.9	65.9	75.8	59.1	44.4	65.9
1980-82 ^b	72.0	66.4	75.6	73.5	68.7	76.7	60.2	47.8	66.9
1983-85 ^b	70.6	62.5	76.2	72.4	64.5	78.1	56.9	46.5	62.7
1986-88 ^b	69.6	57.9	78.5	71.1	59.7	80.1	56.8	42.8	65.7
1989-95 ^b	69.5 S	57.1 S	79.1 S	71.6 S	59.4 S	81.4 S	54.3 S	39.8 S	64.5
<u>AGES <55</u>									
YEAR OF DIAGNOSIS:									
1974-76 ^b	64.9	54.9	70.4	66.2	56.8	71.5	51.6	39.2	58.6
1977-79 ^b	65.7	56.8	71.1	67.4	59.2	72.4	51.3	38.2	59.3
1980-82 ^b	67.4	60.1	72.1	69.1	62.8	73.2	52.8	40.4	60.9
1983-85 ^b	67.9	59.3	73.6	69.8	61.6	75.3	53.0	42.4	59.8
1986-88 ^b	68.3	57.0	76.2	70.1	59.3	77.9	53.6	41.0	62.3
1989-95 ^b	69.2 S	57.6 S	77.7 S	71.4 S	60.0 S	79.9 S	54.2 S	42.1 S	63.3 S

^b 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 1995.

S The difference in rates between 1974-76 and 1989-95 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-23
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, 1994-96

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	43.56	0.13	0.29	0.77	38.11	
10	0.16	0.58	1.46	43.92	0.16	0.65	1.83	38.34	
20	0.42	1.31	3.18	44.12	0.49	1.67	4.69	38.35	
30	0.90	2.81	8.81	44.55	1.19	4.24	10.25	38.22	
40	1.97	8.17	21.54	45.10	3.10	9.23	18.25	37.76	
50	6.55	20.68	36.18	45.58	6.41	15.83	26.68	36.23	
60	16.05	33.65	42.68	44.32	10.35	22.27	30.54	32.76	
Lifetime Risk of Being Diagnosed =				43.56%	Lifetime Risk of Being Diagnosed =				38.11%
Lifetime Risk of Dying =				23.45%	Lifetime Risk of Dying =				20.46%

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	43.60	0.13	0.30	0.80	39.01	
10	0.17	0.61	1.49	43.87	0.17	0.67	1.86	39.19	
20	0.44	1.33	3.13	44.03	0.51	1.70	4.71	39.19	
30	0.91	2.74	8.58	44.32	1.21	4.24	10.38	39.04	
40	1.89	7.91	21.25	44.72	3.09	9.34	18.66	38.52	
50	6.33	20.35	35.69	45.00	6.51	16.23	27.32	36.93	
60	15.79	33.07	41.95	43.55	10.64	22.80	31.15	33.32	
Lifetime Risk of Being Diagnosed =				43.60%	Lifetime Risk of Being Diagnosed =				39.01%
Lifetime Risk of Dying =				23.77%	Lifetime Risk of Dying =				20.87%

Blacks

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.13	0.25	0.59	39.67	0.12	0.24	0.61	32.30	
10	0.13	0.47	1.37	40.49	0.13	0.51	1.54	32.81	
20	0.35	1.27	3.72	40.95	0.38	1.41	4.34	32.85	
30	0.96	3.51	11.67	42.26	1.05	4.01	9.75	32.91	
40	2.72	11.41	25.55	43.98	3.05	8.96	17.07	32.80	
50	9.78	25.67	39.87	46.40	6.31	14.98	24.30	31.80	
60	20.27	38.36	45.48	46.69	9.89	20.53	27.13	29.08	
Lifetime Risk of Being Diagnosed =				39.67%	Lifetime Risk of Being Diagnosed =				32.30%
Lifetime Risk of Dying =				22.50%	Lifetime Risk of Dying =				19.85%

Table II-24
ALL SITES (Invasive)

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

By Race/Ethnicity and Sex

Incidenceⁱ

RACE/ETHNICITY	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
All Races	399.5	482.8	342.9	-0.9	-1.8	-0.4*
White	402.9	480.2	351.6	-1.2	-2.2	-0.4*
White Hispanic	290.3	344.1	257.0	-1.5*	-1.6	-1.6*
White Non-Hispanic	414.5	493.5	361.6	-1.0	-2.1	-0.2
Black	442.9	598.0	335.6	-0.3	-0.7	-0.2
Asian/Pacific Islander [‡]	279.1	325.5	244.9	0.0	0.1	0.3
American Indian	153.4	177.8	136.8	-0.7	-1.2	-0.2
Hispanic [⊗]	275.4	326.9	243.2	-1.7*	-1.7	-1.8*

Mortality[❖]

RACE/ETHNICITY	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
All Races	171.0	215.1	141.2	-0.6*	-1.0*	-0.3*
White	167.5	208.8	139.8	-0.5*	-1.0*	-0.2
White Hispanic	110.4	138.4	91.1	-0.4*	-0.4	-0.4
White Non-Hispanic	169.3	210.7	141.4	-0.4*	-0.8*	0.0
Black	223.4	308.8	168.1	-0.9*	-1.4*	-0.3*
Asian/Pacific Islander [‡]	103.4	129.2	83.5	-0.3	-0.5	0.3
American Indian	104.0	123.3	90.2	0.9	0.5	1.1
Hispanic [⊗]	104.9	131.8	86.3	-0.6*	-0.7*	-0.7

- 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, 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, 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).
- ‡ Population estimates for the Asian Pacific Islanders rates are adjusted Census Bureau estimates. The population estimates used in Wingo PA, Ries LAG, Rosenberg HM, Miller DS, Edwards BK. Cancer Incidence and mortality, 1973-1996. Cancer 82:1197-207, 1998 were unadjusted.
- * The EAPC is significantly different from zero (p<.05).

Table II-25
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)
AGE-ADJUSTED SEER INCIDENCE AND U.S. MORTALITY RATES
 By Race/Ethnicity and Sex

Incidenceⁱ

	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	343.8	408.3	301.2	-0.8	-1.6	-0.4*
White	347.0	407.1	308.3	-1.1	-2.0	-0.5*
White Hispanic	261.3	303.3	236.4	-1.2	-1.1	-1.5*
White Non-Hispanic	355.7	417.2	315.7	-1.0	-2.0	-0.3
Black	369.0	485.7	289.4	0.1	-0.3	-0.1
Asian/Pacific Islander [‡]	243.3	273.0	222.5	0.2	0.3	0.4
American Indian	134.8	152.6	123.3	-0.5	-1.8	0.7
Hispanic [⊗]	247.8	288.0	223.6	-1.4	-1.2	-1.7*

Mortality[❖]

	Rate 1990-1996 Rate per 100,000 persons			Trend 1990-1996 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	121.3	143.2	107.9	-0.7*	-0.8*	-0.8*
White	118.3	138.6	106.0	-0.7*	-0.7*	-0.8*
White Hispanic	89.5	104.9	79.6	-0.3*	-0.1	-0.5
White Non-Hispanic	118.8	139.2	106.6	-0.5*	-0.5*	-0.6*
Black	162.9	208.0	135.3	-0.8*	-1.1*	-0.6*
Asian/Pacific Islander [‡]	79.7	94.3	68.5	-0.2	-0.3	0.2
American Indian	75.2	82.8	70.5	0.3	0.2	0.3
Hispanic [⊗]	84.9	99.8	75.3	-0.5*	-0.3	-0.8*

- 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, 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, 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).
- [‡] Population estimates for the Asian Pacific Islanders rates are adjusted Census Bureau estimates. The population estimates used in Wingo PA, Ries LAG, Rosenberg HM, Miller DS, Edwards BK. Cancer Incidence and mortality, 1973-1996. Cancer 82:1197-207, 1998 were unadjusted.
- * The EAPC is significantly different from zero (p<.05).

Table II-26
ALL SITES (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[§], 1992-96</u>									
REGISTRY									
11 registries	398.3	480.4	341.5	400.7	475.4	350.1	446.2	604.2	335.0
9 registries	404.8	489.1	345.8	405.6	483.0	352.5	455.8	621.9	338.7
San Francisco-Oakland	404.0	485.7	346.0	425.0	499.3	372.7	428.8	567.1	326.3
Connecticut	420.1	497.9	368.7	417.9	489.4	371.8	452.7	632.6	331.9
Metropolitan Detroit	444.2	565.5	361.2	426.7	529.0	359.7	474.3	652.4	347.5
Hawaii	353.1	409.4	306.7	454.2	534.5	383.6	-	-	-
Iowa	395.2	475.0	341.3	392.9	470.6	340.6	-	-	-
New Mexico	340.0	405.2	291.1	349.9	416.1	299.8	-	-	-
Seattle-Puget Sound	413.9	479.6	368.3	416.2	478.5	373.4	443.0	589.6	314.6
Utah	335.2	406.4	280.7	334.6	403.5	282.0	-	-	-
Metropolitan Atlanta	429.4	550.9	351.2	411.2	511.5	347.5	468.3	662.0	350.6
San Jose-Monterey	387.4	448.9	348.7	394.0	450.0	360.3	428.4	590.9	295.9
Los Angeles	380.8	460.7	326.9	385.9	455.5	339.7	424.6	564.2	328.1
<u>SEER MORTALITY RATES*, 1992-96</u>									
REGISTRY									
11 registries	158.1	193.2	134.7	157.6	190.5	136.1	211.6	279.4	166.1
9 registries	159.7	196.7	134.8	158.5	193.7	135.3	213.9	284.8	166.0
San Francisco-Oakland	157.4	191.2	135.0	161.6	192.3	142.2	210.5	270.7	168.8
Connecticut	162.8	199.9	138.8	161.0	196.3	138.5	202.8	279.0	152.2
Metropolitan Detroit	176.8	222.4	147.3	167.7	209.0	141.9	214.9	282.6	167.9
Hawaii	132.9	162.5	107.2	168.2	201.3	138.8	-	-	-
Iowa	159.2	199.7	132.2	158.6	198.7	131.9	-	-	-
New Mexico	146.2	179.4	122.1	148.4	181.8	124.0	-	-	-
Seattle-Puget Sound	163.5	196.3	141.1	164.2	196.0	142.6	199.7	270.7	140.7
Utah	122.0	146.5	104.7	121.8	146.1	104.9	-	-	-
Metropolitan Atlanta	173.8	227.2	141.9	159.0	203.2	132.6	233.7	332.7	178.1
San Jose-Monterey	147.4	173.7	130.2	153.1	178.4	137.3	199.5	274.1	152.2
Los Angeles	155.3	186.1	135.2	155.4	182.5	138.4	207.2	268.6	167.1

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-27
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§, 1992-96</u>									
REGISTRY									
11 registries	343.3	407.7	299.8	345.5	404.3	306.6	373.4	494.0	289.3
9 registries	347.8	413.2	303.0	348.7	408.8	308.3	380.8	507.7	292.1
San Francisco-Oakland	349.5	416.8	302.4	369.0	432.2	324.8	355.0	460.9	277.0
Connecticut	361.0	422.1	321.5	359.0	414.7	323.9	387.8	531.1	292.0
Metropolitan Detroit	373.8	468.4	310.0	359.1	437.9	308.6	393.0	529.1	296.4
Hawaii	308.3	348.0	276.4	395.0	462.3	336.6	-	-	-
Iowa	337.4	391.8	302.4	335.3	388.0	301.6	-	-	-
New Mexico	300.2	352.6	261.4	308.4	361.5	268.8	-	-	-
Seattle-Puget Sound	352.2	402.3	318.5	353.9	401.5	322.4	366.0	479.0	269.3
Utah	308.6	369.1	262.8	308.1	366.6	264.1	-	-	-
Metropolitan Atlanta	365.1	459.3	305.7	348.6	426.8	300.1	398.2	544.0	310.7
San Jose-Monterey	337.2	386.2	307.7	341.5	386.0	315.9	359.6	485.1	257.4
Los Angeles	331.0	396.2	288.1	336.1	393.7	298.7	356.7	462.7	284.3
<u>SEER MORTALITY RATES*, 1992-96</u>									
REGISTRY									
11 registries	115.5	135.1	103.4	114.7	133.5	103.6	153.6	188.9	131.4
9 registries	115.9	136.5	103.1	114.5	134.4	102.5	155.2	192.2	131.5
San Francisco-Oakland	114.8	136.6	101.3	117.3	138.4	104.7	150.7	183.2	129.5
Connecticut	119.0	140.6	105.7	117.2	137.7	104.8	154.9	202.1	124.3
Metropolitan Detroit	124.8	148.2	111.1	117.8	139.6	105.7	153.3	186.6	131.2
Hawaii	99.5	116.7	84.9	122.1	143.4	103.4	-	-	-
Iowa	113.6	132.8	102.3	113.2	132.3	101.9	-	-	-
New Mexico	112.0	132.9	97.6	112.9	133.7	98.6	-	-	-
Seattle-Puget Sound	115.6	134.1	103.9	115.6	133.6	104.4	145.2	186.5	114.0
Utah	100.4	115.5	90.7	100.4	115.6	90.8	-	-	-
Metropolitan Atlanta	123.5	152.2	108.2	110.7	134.6	98.0	174.2	227.7	146.4
San Jose-Monterey	109.6	123.9	101.0	113.2	127.1	105.6	151.4	194.8	127.6
Los Angeles	115.5	133.3	104.9	115.6	131.6	106.5	150.6	182.0	131.7

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-28
ALL SITES (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	170.1	0.11							
High Five States									
District of Columbia	212.3⊕*	2.54	(01)	24.8					
Delaware	194.5⊕*	2.20	(02)	14.3					
Louisiana	193.1⊕*	0.92	(03)	13.5					
Kentucky	191.9⊕*	0.93	(04)	12.8					
Maine	185.4⊕*	1.57	(05)	9.0					
Low Five States									
Idaho	147.9⊕*	1.55	(47)	-13.1					
New Mexico	146.2⊕*	1.29	(48)	-14.1					
Colorado	142.3⊕*	0.88	(49)	-16.3					
Hawaii	132.9⊕*	1.43	(50)	-21.9					
Utah	122.0⊕*	1.22	(51)	-28.3					
Alabama	179.3⊕*	0.85	(14)	5.4	Montana	159.4⊕*	1.75	(37)	-6.3
Alaska	167.1	3.30	(31)	-1.8	Nebraska	155.2⊕*	1.26	(44)	-8.8
Arizona	155.3⊕*	0.80	(43)	-8.7	Nevada	183.5⊕*	1.53	(08)	7.9
Arkansas	180.9⊕*	1.08	(12)	6.3	New Hampshire	181.0⊕*	1.73	(11)	6.4
California	156.4⊕*	0.32	(41)	-8.1	New Jersey	179.0⊕*	0.61	(15)	5.2
Colorado	142.3⊕*	0.88	(49)	-16.3	New Mexico	146.2⊕*	1.29	(48)	-14.1
Connecticut	162.8⊕	0.90	(34)	-4.3	New York	169.3	0.40	(29)	-0.5
Delaware	194.5⊕*	2.20	(02)	14.3	North Carolina	174.8⊕	0.66	(25)	2.8
District of Columbia	212.3⊕*	2.54	(01)	24.8	North Dakota	154.5⊕*	1.98	(46)	-9.2
Florida	165.9⊕	0.41	(32)	-2.5	Ohio	179.8⊕*	0.52	(13)	5.7
Georgia	175.2⊕	0.71	(24)	3.0	Oklahoma	169.6	0.93	(28)	-0.3
Hawaii	132.9⊕*	1.43	(50)	-21.9	Oregon	165.5	0.94	(33)	-2.7
Idaho	147.9⊕*	1.55	(47)	-13.1	Pennsylvania	176.5⊕	0.47	(22)	3.8
Illinois	177.9⊕	0.52	(16)	4.6	Rhode Island	177.6	1.69	(18)	4.4
Indiana	177.6⊕	0.73	(19)	4.4	South Carolina	177.9⊕	0.94	(17)	4.6
Iowa	159.2⊕*	0.93	(38)	-6.4	South Dakota	155.0⊕*	1.87	(45)	-8.9
Kansas	158.9⊕*	1.03	(39)	-6.6	Tennessee	181.3⊕*	0.78	(10)	6.6
Kentucky	191.9⊕*	0.93	(04)	12.8	Texas	168.1	0.43	(30)	-1.2
Louisiana	193.1⊕*	0.92	(03)	13.5	Utah	122.0⊕*	1.22	(51)	-28.3
Maine	185.4⊕*	1.57	(05)	9.0	Vermont	171.9	2.32	(27)	1.1
Maryland	184.2⊕*	0.83	(07)	8.3	Virginia	176.6⊕	0.72	(21)	3.8
Massachusetts	177.5⊕	0.70	(20)	4.4	Washington	162.3⊕	0.75	(36)	-4.6
Michigan	172.5	0.56	(26)	1.4	West Virginia	184.3⊕*	1.23	(06)	8.3
Minnesota	155.6⊕*	0.78	(42)	-8.5	Wisconsin	162.5⊕	0.74	(35)	-4.5
Mississippi	182.2⊕*	1.11	(09)	7.1	Wyoming	156.5⊕*	2.49	(40)	-8.0
Missouri	175.5⊕	0.74	(23)	3.2					

* 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)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	213.1	0.18							
High Five States									
District of Columbia	287.5 \oplus *	4.61	(01)	34.9					
Louisiana	256.6 \oplus *	1.63	(02)	20.4					
Kentucky	250.3 \oplus *	1.62	(03)	17.5					
Mississippi	248.7 \oplus *	1.99	(04)	16.7					
Delaware	245.2 \oplus *	3.77	(05)	15.1					
Low Five States									
Idaho	180.4 \oplus *	2.52	(47)	-15.3					
New Mexico	179.4 \oplus *	2.15	(48)	-15.8					
Colorado	173.9 \oplus *	1.49	(49)	-18.4					
Hawaii	162.5 \oplus *	2.30	(50)	-23.7					
Utah	146.5 \oplus *	1.99	(51)	-31.3					
Alabama	240.8 \oplus *	1.51	(06)	13.0	Montana	193.7 \oplus *	2.84	(41)	-9.1
Alaska	198.0*	5.41	(35)	-7.1	Nebraska	194.8 \oplus *	2.11	(39)	-8.6
Arizona	190.7 \oplus *	1.32	(44)	-10.5	Nevada	220.4	2.50	(23)	3.4
Arkansas	239.0 \oplus *	1.87	(09)	12.2	New Hampshire	217.6	2.86	(25)	2.1
California	186.2 \oplus *	0.52	(45)	-12.6	New Jersey	219.8 \oplus	1.03	(24)	3.1
Colorado	173.9 \oplus *	1.49	(49)	-18.4	New Mexico	179.4 \oplus *	2.15	(48)	-15.8
Connecticut	199.9 \oplus *	1.51	(33)	-6.2	New York	206.8 \oplus	0.67	(30)	-3.0
Delaware	245.2 \oplus *	3.77	(05)	15.1	North Carolina	232.8 \oplus *	1.18	(11)	9.2
District of Columbia	287.5 \oplus *	4.61	(01)	34.9	North Dakota	191.8 \oplus *	3.23	(42)	-10.0
Florida	205.2 \oplus	0.68	(31)	-3.7	Ohio	226.0 \oplus *	0.89	(16)	6.1
Georgia	236.0 \oplus *	1.30	(10)	10.7	Oklahoma	216.8	1.59	(26)	1.7
Hawaii	162.5 \oplus *	2.30	(50)	-23.7	Oregon	197.5 \oplus *	1.53	(37)	-7.3
Idaho	180.4 \oplus *	2.52	(47)	-15.3	Pennsylvania	221.6 \oplus	0.80	(21)	4.0
Illinois	223.4 \oplus	0.88	(20)	4.8	Rhode Island	224.1*	2.89	(18)	5.2
Indiana	225.6 \oplus *	1.26	(17)	5.9	South Carolina	239.2 \oplus *	1.70	(08)	12.2
Iowa	199.7 \oplus *	1.56	(34)	-6.3	South Dakota	194.2 \oplus *	3.07	(40)	-8.9
Kansas	198.0 \oplus *	1.72	(36)	-7.1	Tennessee	240.7 \oplus *	1.38	(07)	13.0
Kentucky	250.3 \oplus *	1.62	(03)	17.5	Texas	215.7	0.75	(27)	1.2
Louisiana	256.6 \oplus *	1.63	(02)	20.4	Utah	146.5 \oplus *	1.99	(51)	-31.3
Maine	232.3 \oplus *	2.66	(12)	9.0	Vermont	212.2	3.89	(29)	-0.4
Maryland	231.2 \oplus *	1.44	(14)	8.5	Virginia	228.8 \oplus *	1.26	(15)	7.4
Massachusetts	220.8 \oplus	1.19	(22)	3.6	Washington	195.1 \oplus *	1.23	(38)	-8.4
Michigan	215.2	0.96	(28)	1.0	West Virginia	232.2 \oplus *	2.11	(13)	9.0
Minnesota	190.8 \oplus *	1.29	(43)	-10.5	Wisconsin	202.0 \oplus *	1.23	(32)	-5.2
Mississippi	248.7 \oplus *	1.99	(04)	16.7	Wyoming	185.3 \oplus *	4.05	(46)	-13.0
Missouri	223.5 \oplus	1.26	(19)	4.9					

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

Table II-30
ALL SITES (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Females

State	Rate	SE	Rank	PD
TOTAL U.S.	140.9	0.13		
High Five States				
District of Columbia	165.3 \oplus *	2.98	(01)	17.3
Delaware	159.8 \oplus *	2.68	(02)	13.4
New Hampshire	156.7 \oplus *	2.19	(03)	11.2
Nevada	155.1 \oplus *	1.94	(04)	10.1
Maine	154.1 \oplus *	1.94	(05)	9.4
Low Five States				
Idaho	123.9 \oplus *	1.96	(47)	-12.1
New Mexico	122.1 \oplus *	1.61	(48)	-13.3
Colorado	121.2 \oplus *	1.09	(49)	-14.0
Hawaii	107.2 \oplus *	1.77	(50)	-23.9
Utah	104.7 \oplus *	1.55	(51)	-25.7

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	138.7	1.00	(28)	-1.6	Montana	134.3	2.22	(39)	-4.7
Alaska	141.3	4.12	(24)	0.3	Nebraska	127.7 \oplus *	1.57	(45)	-9.4
Arizona	128.6 \oplus *	1.00	(43)	-8.7	Nevada	155.1 \oplus *	1.94	(04)	10.1
Arkansas	139.5	1.29	(25)	-1.0	New Hampshire	156.7 \oplus *	2.19	(03)	11.2
California	136.0 \oplus	0.40	(36)	-3.5	New Jersey	152.6 \oplus *	0.76	(07)	8.3
Colorado	121.2 \oplus *	1.09	(49)	-14.0	New Mexico	122.1 \oplus *	1.61	(48)	-13.3
Connecticut	138.8	1.12	(27)	-1.5	New York	145.5 \oplus	0.49	(17)	3.3
Delaware	159.8 \oplus *	2.68	(02)	13.4	North Carolina	136.7 \oplus	0.78	(33)	-3.0
District of Columbia	165.3 \oplus *	2.98	(01)	17.3	North Dakota	127.9 \oplus *	2.52	(44)	-9.2
Florida	136.5 \oplus	0.51	(34)	-3.1	Ohio	149.3 \oplus *	0.64	(12)	6.0
Georgia	136.1 \oplus	0.83	(35)	-3.4	Oklahoma	137.3	1.14	(30)	-2.6
Hawaii	107.2 \oplus *	1.77	(50)	-23.9	Oregon	143.1	1.20	(20)	1.6
Idaho	123.9 \oplus *	1.96	(47)	-12.1	Pennsylvania	147.0 \oplus	0.58	(15)	4.3
Illinois	148.1 \oplus *	0.64	(14)	5.1	Rhode Island	148.5*	2.10	(13)	5.4
Indiana	145.9 \oplus	0.89	(16)	3.5	South Carolina	137.2	1.10	(31)	-2.6
Iowa	132.2 \oplus *	1.17	(42)	-6.2	South Dakota	126.8 \oplus *	2.34	(46)	-10.0
Kansas	132.3 \oplus *	1.28	(41)	-6.1	Tennessee	141.4	0.92	(23)	0.4
Kentucky	152.1 \oplus *	1.11	(09)	7.9	Texas	135.3 \oplus	0.52	(38)	-4.0
Louisiana	150.4 \oplus *	1.08	(10)	6.7	Utah	104.7 \oplus *	1.55	(51)	-25.7
Maine	154.1 \oplus *	1.94	(05)	9.4	Vermont	144.5	2.88	(18)	2.6
Maryland	153.4 \oplus *	1.02	(06)	8.9	Virginia	142.4	0.86	(22)	1.1
Massachusetts	150.2 \oplus *	0.87	(11)	6.6	Washington	139.3	0.95	(26)	-1.1
Michigan	143.6	0.70	(19)	1.9	West Virginia	152.2 \oplus *	1.51	(08)	8.0
Minnesota	132.4 \oplus *	0.99	(40)	-6.0	Wisconsin	135.5 \oplus	0.92	(37)	-3.8
Mississippi	137.7	1.29	(29)	-2.3	Wyoming	137.0	3.20	(32)	-2.8
Missouri	142.8	0.91	(21)	1.3					

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

Table II-31
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	120.6	0.09		
High Five States				
District of Columbia	159.8⊕*	2.20	(01)	32.5
Delaware	134.5⊕*	1.82	(02)	11.5
Louisiana	133.2⊕*	0.76	(03)	10.4
New Jersey	131.5⊕*	0.52	(04)	9.0
Maryland	130.3⊕*	0.70	(05)	8.0
Low Five States				
Arizona	110.5⊕*	0.67	(47)	-8.4
Idaho	109.5⊕*	1.32	(48)	-9.2
Colorado	106.5⊕*	0.76	(49)	-11.7
Utah	100.4⊕*	1.10	(50)	-16.7
Hawaii	99.5⊕*	1.23	(51)	-17.5

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	125.3⊕	0.70	(15)	3.9	Montana	116.0	1.48	(32)	-3.8
Alaska	114.8	2.73	(37)	-4.8	Nebraska	112.2⊕*	1.07	(45)	-7.0
Arizona	110.5⊕*	0.67	(47)	-8.4	Nevada	125.9	1.27	(11)	4.4
Arkansas	118.8	0.87	(30)	-1.5	New Hampshire	129.2⊕*	1.45	(06)	7.1
California	113.3⊕*	0.27	(42)	-6.1	New Jersey	131.5⊕*	0.52	(04)	9.0
Colorado	106.5⊕*	0.76	(49)	-11.7	New Mexico	112.0⊕*	1.13	(46)	-7.1
Connecticut	119.0	0.76	(29)	-1.3	New York	124.5⊕	0.34	(17)	3.2
Delaware	134.5⊕*	1.82	(02)	11.5	North Carolina	120.8	0.54	(25)	0.2
District of Columbia	159.8⊕*	2.20	(01)	32.5	North Dakota	115.7	1.70	(33)	-4.1
Florida	114.8⊕	0.34	(36)	-4.8	Ohio	125.6⊕	0.43	(13)	4.1
Georgia	120.8	0.59	(26)	0.2	Oklahoma	113.9⊕*	0.76	(40)	-5.6
Hawaii	99.5⊕*	1.23	(51)	-17.5	Oregon	115.0⊕	0.78	(35)	-4.6
Idaho	109.5⊕*	1.32	(48)	-9.2	Pennsylvania	127.9⊕*	0.40	(09)	6.1
Illinois	127.0⊕*	0.43	(10)	5.3	Rhode Island	125.5	1.41	(14)	4.1
Indiana	122.2	0.60	(22)	1.3	South Carolina	125.3⊕	0.79	(16)	3.9
Iowa	113.6⊕*	0.78	(41)	-5.8	South Dakota	113.0*	1.58	(43)	-6.3
Kansas	113.0⊕*	0.86	(44)	-6.3	Tennessee	121.3	0.63	(24)	0.6
Kentucky	124.0	0.74	(18)	2.8	Texas	117.3⊕	0.36	(31)	-2.7
Louisiana	133.2⊕*	0.76	(03)	10.4	Utah	100.4⊕*	1.10	(50)	-16.7
Maine	129.1⊕*	1.30	(07)	7.0	Vermont	122.8	1.94	(21)	1.8
Maryland	130.3⊕*	0.70	(05)	8.0	Virginia	123.8⊕	0.60	(19)	2.7
Massachusetts	128.7⊕*	0.59	(08)	6.7	Washington	113.9⊕*	0.62	(39)	-5.6
Michigan	121.4	0.47	(23)	0.7	West Virginia	123.6	1.00	(20)	2.5
Minnesota	115.7⊕	0.67	(34)	-4.1	Wisconsin	120.8	0.63	(27)	0.2
Mississippi	125.9⊕	0.92	(12)	4.4	Wyoming	114.1*	2.11	(38)	-5.4
Missouri	119.7	0.61	(28)	-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-32
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	142.3	0.15		
High Five States				
District of Columbia	208.2 \oplus *	3.92	(01)	46.3
Louisiana	163.8 \oplus *	1.30	(02)	15.1
Delaware	162.9 \oplus *	3.08	(03)	14.5
Mississippi	157.6 \oplus *	1.58	(04)	10.8
Maryland	156.1 \oplus *	1.19	(05)	9.7
Low Five States				
Idaho	129.3 \oplus *	2.13	(47)	-9.1
Wyoming	128.8*	3.37	(48)	-9.5
Colorado	124.3 \oplus *	1.26	(49)	-12.6
Hawaii	116.7 \oplus *	1.94	(50)	-18.0
Utah	115.5 \oplus *	1.77	(51)	-18.8

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	154.5 \oplus *	1.21	(07)	8.6	Montana	135.9	2.38	(33)	-4.5
Alaska	132.7*	4.47	(41)	-6.7	Nebraska	131.6 \oplus *	1.72	(44)	-7.5
Arizona	129.6 \oplus *	1.09	(46)	-8.9	Nevada	149.1	2.07	(16)	4.8
Arkansas	142.3	1.44	(28)	0.0	New Hampshire	148.5	2.35	(17)	4.4
California	130.4 \oplus *	0.43	(45)	-8.4	New Jersey	153.6 \oplus *	0.86	(10)	7.9
Colorado	124.3 \oplus *	1.26	(49)	-12.6	New Mexico	132.9 \oplus *	1.85	(39)	-6.6
Connecticut	140.6	1.26	(31)	-1.2	New York	144.2	0.56	(24)	1.3
Delaware	162.9 \oplus *	3.08	(03)	14.5	North Carolina	147.2 \oplus	0.94	(20)	3.4
District of Columbia	208.2 \oplus *	3.92	(01)	46.3	North Dakota	135.5	2.69	(34)	-4.8
Florida	134.9 \oplus *	0.55	(35)	-5.2	Ohio	147.5 \oplus	0.72	(19)	3.7
Georgia	149.3 \oplus	1.04	(14)	4.9	Oklahoma	133.3 \oplus *	1.24	(37)	-6.3
Hawaii	116.7 \oplus *	1.94	(50)	-18.0	Oregon	133.2 \oplus *	1.25	(38)	-6.4
Idaho	129.3 \oplus *	2.13	(47)	-9.1	Pennsylvania	150.6 \oplus *	0.66	(11)	5.8
Illinois	150.0 \oplus *	0.72	(13)	5.4	Rhode Island	149.2	2.35	(15)	4.8
Indiana	144.1	1.01	(25)	1.3	South Carolina	155.8 \oplus *	1.38	(06)	9.5
Iowa	132.8 \oplus *	1.27	(40)	-6.7	South Dakota	133.5*	2.53	(36)	-6.2
Kansas	132.3 \oplus *	1.40	(42)	-7.0	Tennessee	146.0	1.07	(22)	2.6
Kentucky	148.0	1.25	(18)	4.0	Texas	141.2	0.60	(30)	-0.8
Louisiana	163.8 \oplus *	1.30	(02)	15.1	Utah	115.5 \oplus *	1.77	(51)	-18.8
Maine	153.8 \oplus *	2.15	(09)	8.1	Vermont	146.4	3.22	(21)	2.9
Maryland	156.1 \oplus *	1.19	(05)	9.7	Virginia	150.2 \oplus *	1.02	(12)	5.6
Massachusetts	154.3 \oplus *	0.99	(08)	8.4	Washington	131.8 \oplus *	1.01	(43)	-7.4
Michigan	142.8	0.78	(27)	0.4	West Virginia	145.0	1.66	(23)	1.9
Minnesota	136.2 \oplus	1.08	(32)	-4.3	Wisconsin	143.3	1.03	(26)	0.7
Mississippi	157.6 \oplus *	1.58	(04)	10.8	Wyoming	128.8*	3.37	(48)	-9.5
Missouri	141.5	1.00	(29)	-0.6					

* 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-33
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Females

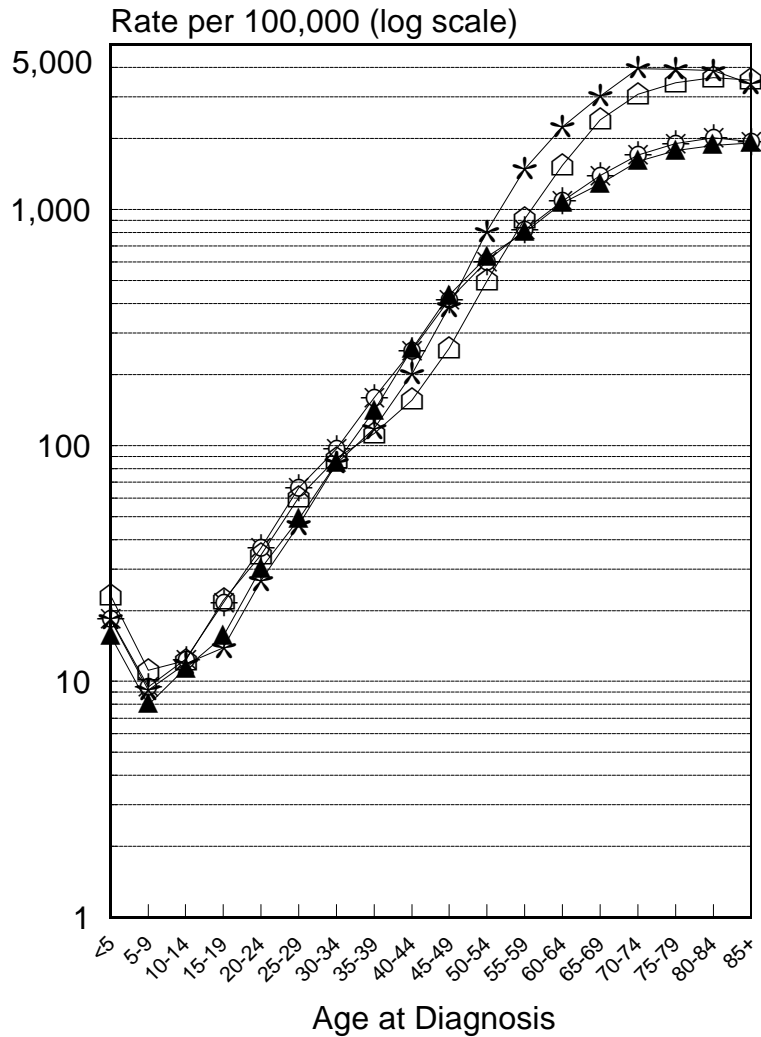
State	Rate	SE	Rank	PD
TOTAL U.S.	107.1	0.11		
High Five States				
District of Columbia	130.7⊕*	2.64	(01)	22.0
New Jersey	118.4⊕*	0.66	(02)	10.6
New Hampshire	117.5⊕*	1.88	(03)	9.7
Delaware	116.6*	2.28	(04)	8.9
Maryland	115.0⊕*	0.88	(05)	7.4
Low Five States				
Arizona	96.8⊕*	0.86	(47)	-9.6
Idaho	95.9⊕*	1.71	(48)	-10.5
Colorado	95.7⊕*	0.97	(49)	-10.6
Utah	90.7⊕*	1.44	(50)	-15.3
Hawaii	84.9⊕*	1.58	(51)	-20.7

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	107.8	0.88	(21)	0.7	Montana	102.3	1.93	(36)	-4.5
Alaska	100.8*	3.46	(42)	-5.9	Nebraska	100.2⊕*	1.38	(44)	-6.4
Arizona	96.8⊕*	0.86	(47)	-9.6	Nevada	109.4	1.63	(16)	2.1
Arkansas	103.9	1.11	(31)	-3.0	New Hampshire	117.5⊕*	1.88	(03)	9.7
California	102.5⊕	0.35	(35)	-4.3	New Jersey	118.4⊕*	0.66	(02)	10.6
Colorado	95.7⊕*	0.97	(49)	-10.6	New Mexico	97.6⊕*	1.44	(46)	-8.9
Connecticut	105.7	0.97	(28)	-1.3	New York	113.3⊕*	0.43	(11)	5.8
Delaware	116.6*	2.28	(04)	8.9	North Carolina	105.4	0.68	(29)	-1.6
District of Columbia	130.7⊕*	2.64	(01)	22.0	North Dakota	103.2	2.23	(33)	-3.6
Florida	100.6⊕*	0.44	(43)	-6.1	Ohio	112.6⊕*	0.55	(12)	5.1
Georgia	104.5	0.73	(30)	-2.4	Oklahoma	102.2⊕	0.98	(39)	-4.6
Hawaii	84.9⊕*	1.58	(51)	-20.7	Oregon	103.0	1.01	(34)	-3.8
Idaho	95.9⊕*	1.71	(48)	-10.5	Pennsylvania	114.5⊕*	0.51	(06)	6.9
Illinois	113.5⊕*	0.55	(10)	6.0	Rhode Island	112.3	1.81	(13)	4.9
Indiana	109.4	0.77	(15)	2.1	South Carolina	106.9	0.97	(22)	-0.2
Iowa	102.3	1.02	(38)	-4.5	South Dakota	99.7*	2.06	(45)	-6.9
Kansas	101.3⊕*	1.11	(41)	-5.4	Tennessee	106.8	0.79	(23)	-0.3
Kentucky	109.3	0.94	(17)	2.1	Texas	102.1⊕	0.45	(40)	-4.7
Louisiana	114.2⊕*	0.94	(08)	6.6	Utah	90.7⊕*	1.44	(50)	-15.3
Maine	114.3*	1.66	(07)	6.7	Vermont	108.0	2.47	(20)	0.8
Maryland	115.0⊕*	0.88	(05)	7.4	Virginia	108.0	0.75	(19)	0.8
Massachusetts	113.7⊕*	0.75	(09)	6.2	Washington	102.3⊕	0.81	(37)	-4.5
Michigan	108.3	0.60	(18)	1.1	West Virginia	110.7	1.28	(14)	3.4
Minnesota	103.3	0.86	(32)	-3.5	Wisconsin	106.7	0.81	(24)	-0.4
Mississippi	106.6	1.13	(25)	-0.5	Wyoming	105.8	2.80	(27)	-1.2
Missouri	106.4	0.78	(26)	-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).

Age-Specific Incidence Rates, 1992-1996 By Race and Sex

All Sites



- White Males
- White Females
- * Black Males
- ▲ Black Females

All Sites Except Lung & Bronchus

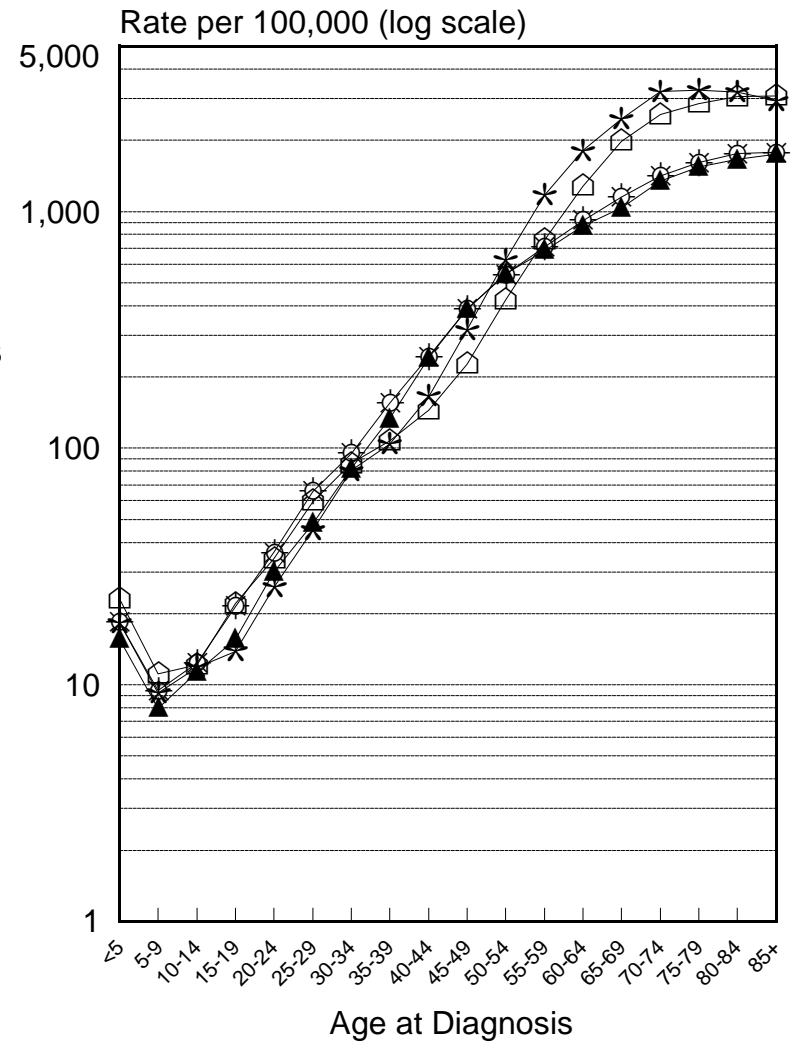


Figure II-1

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

White

Black

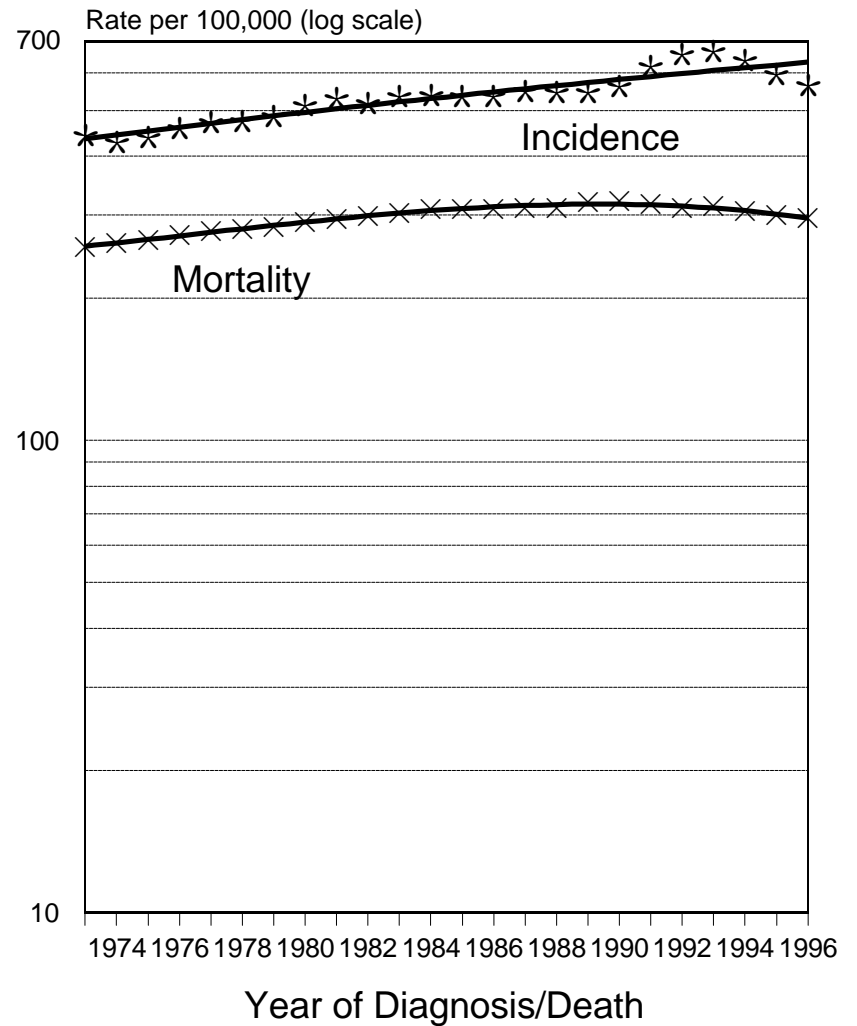
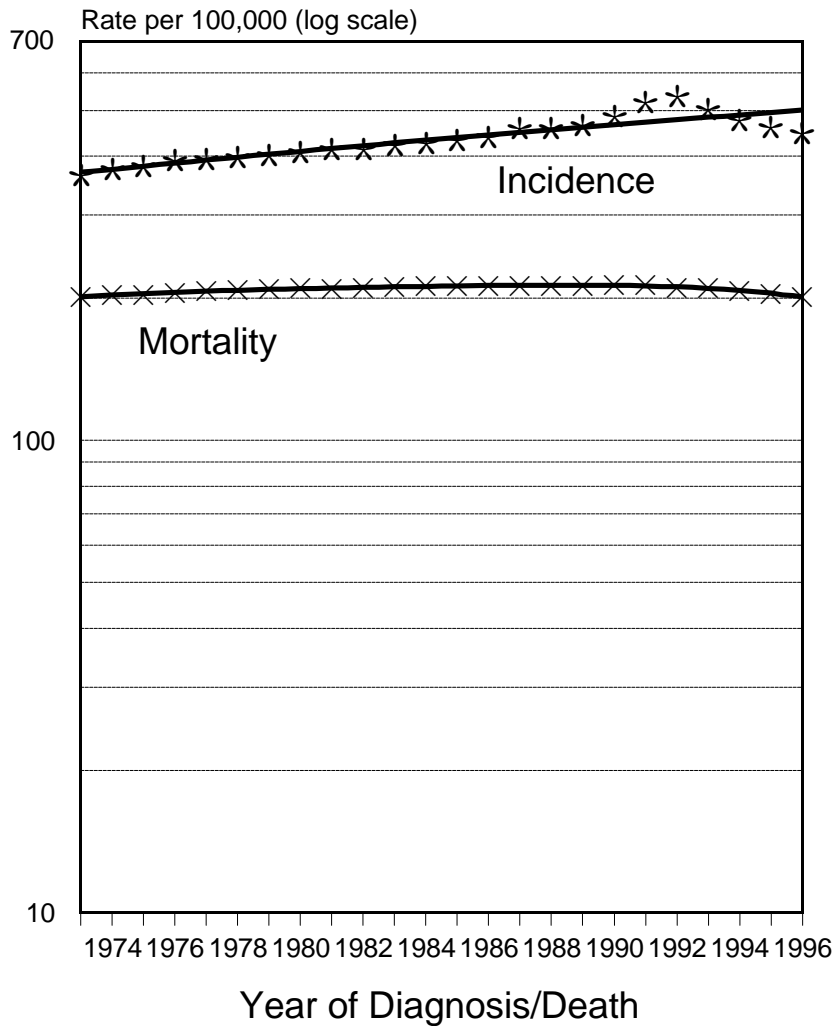


Figure II-2

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

White

Black

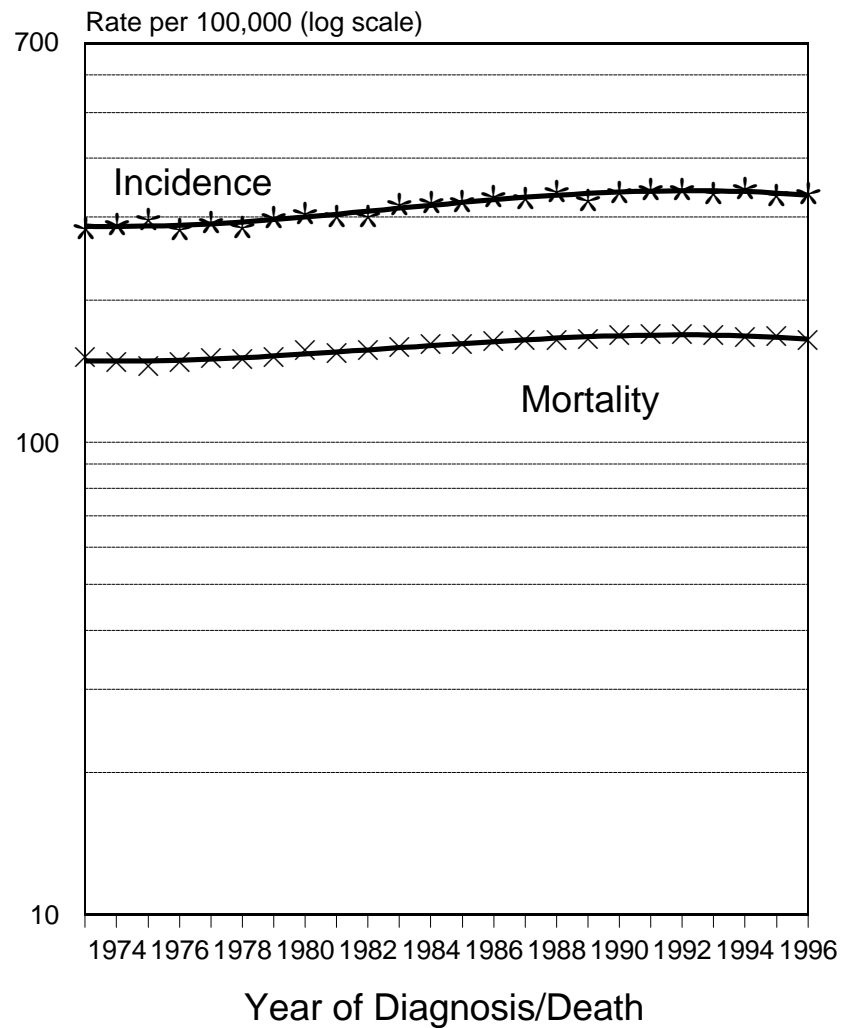
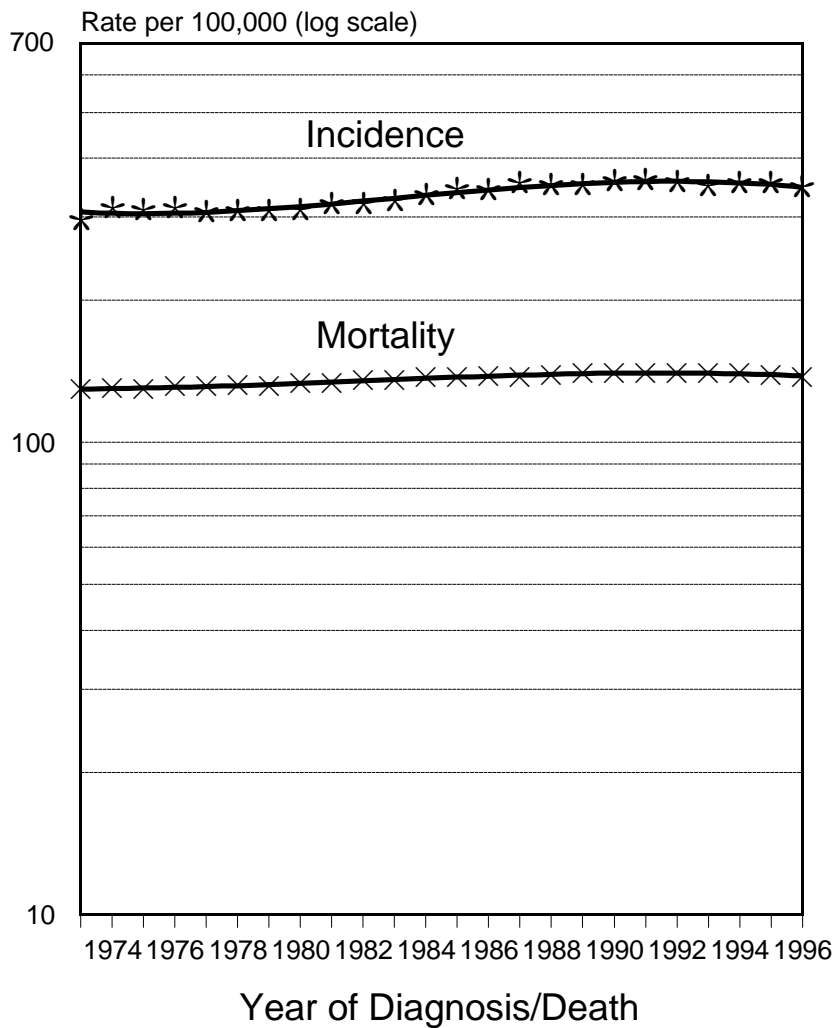


Figure II-3

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

White

Black

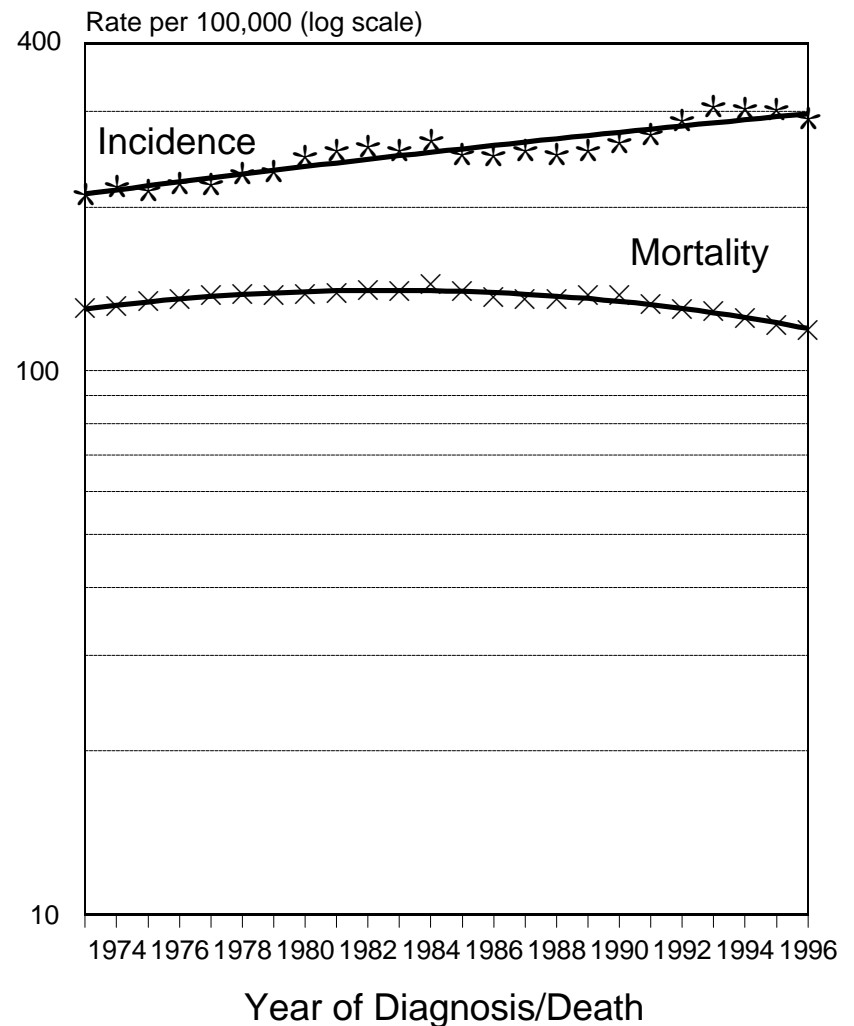
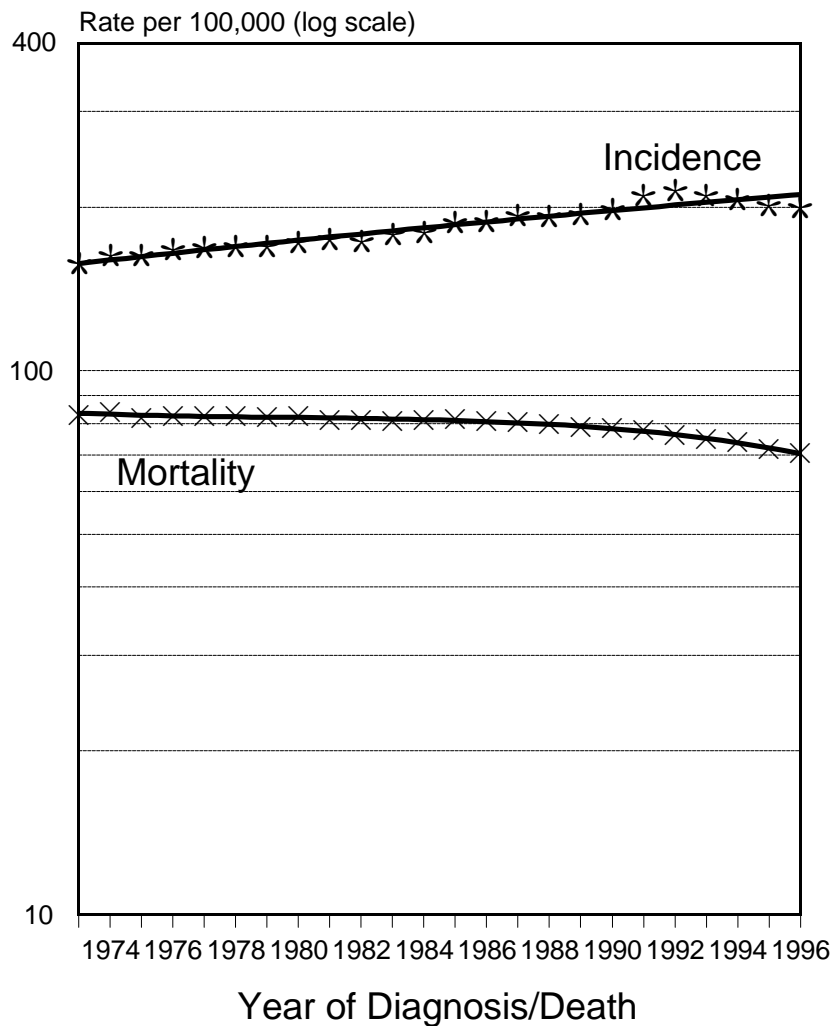


Figure II-4

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

White

Black

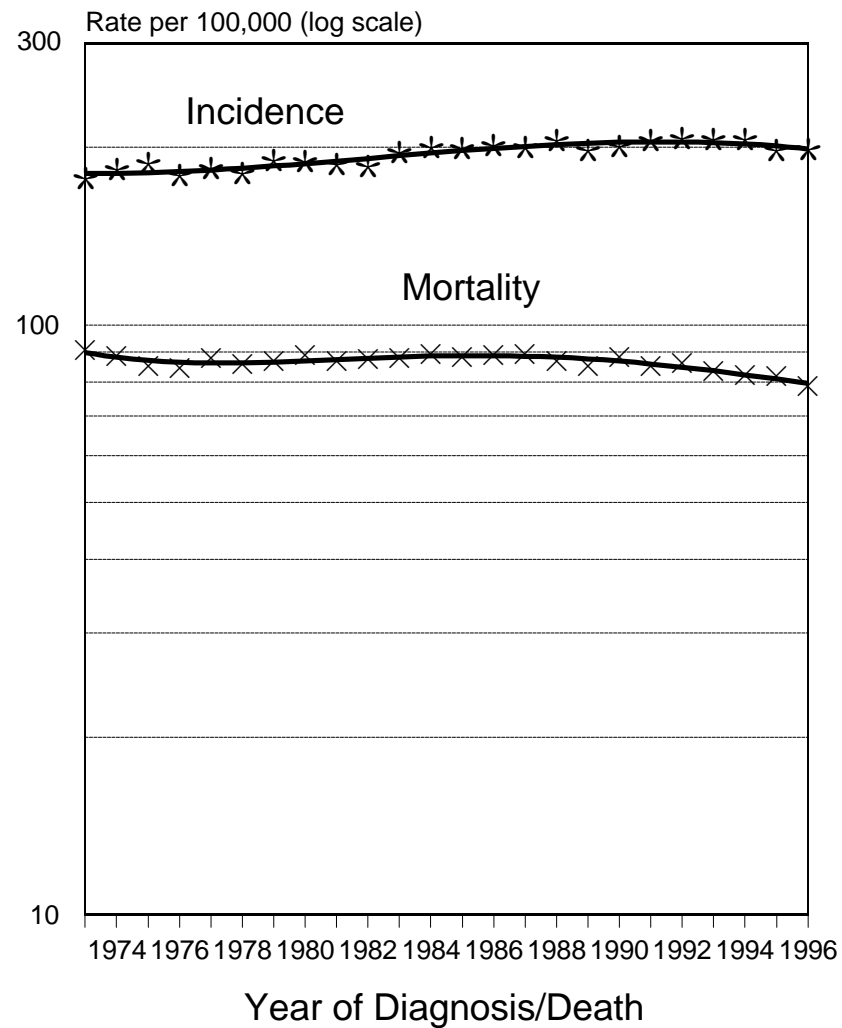
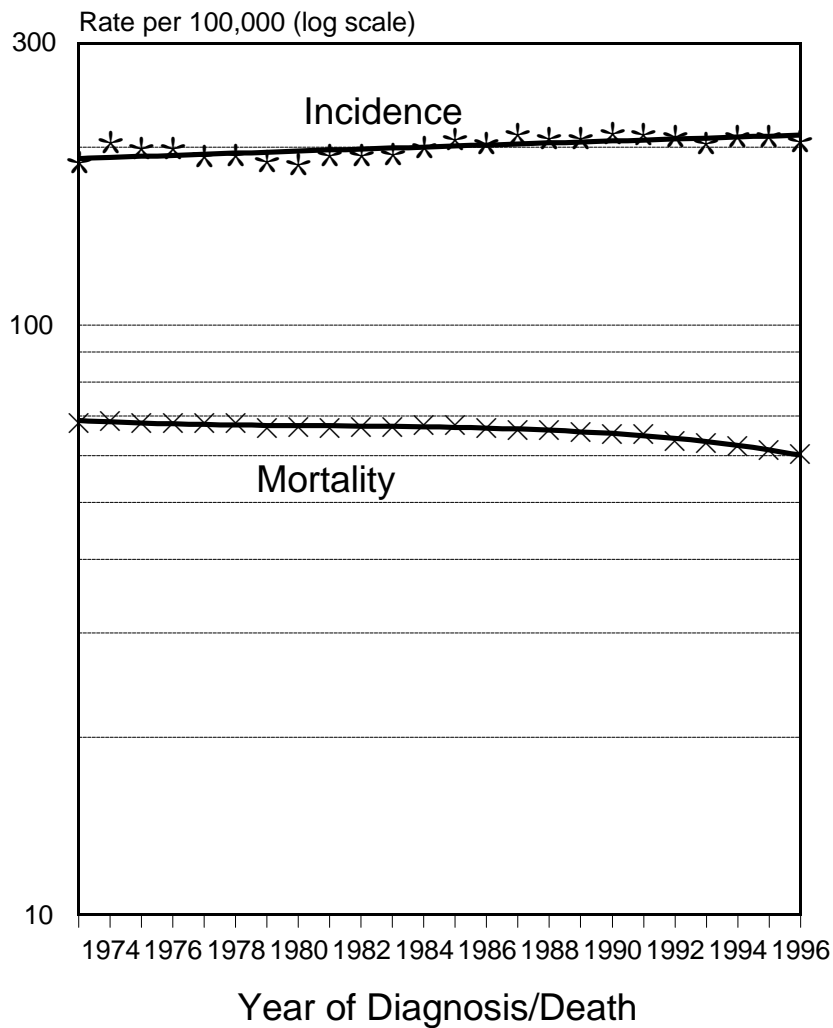


Figure II-5

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

White

Black

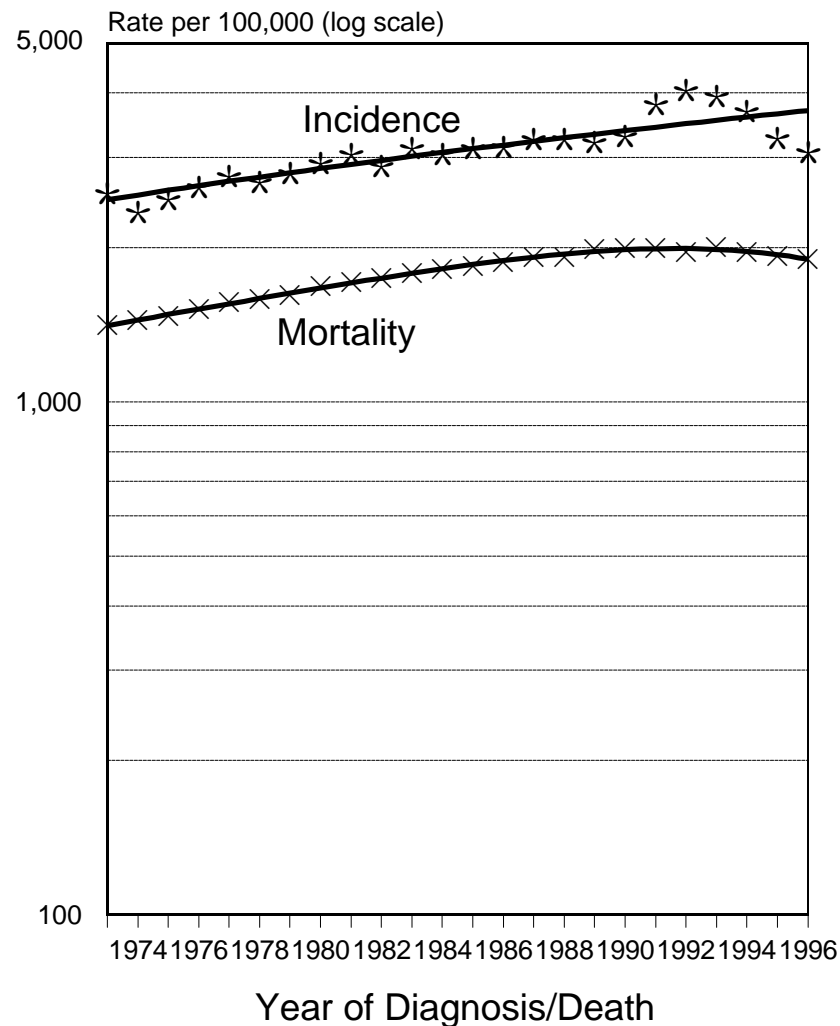
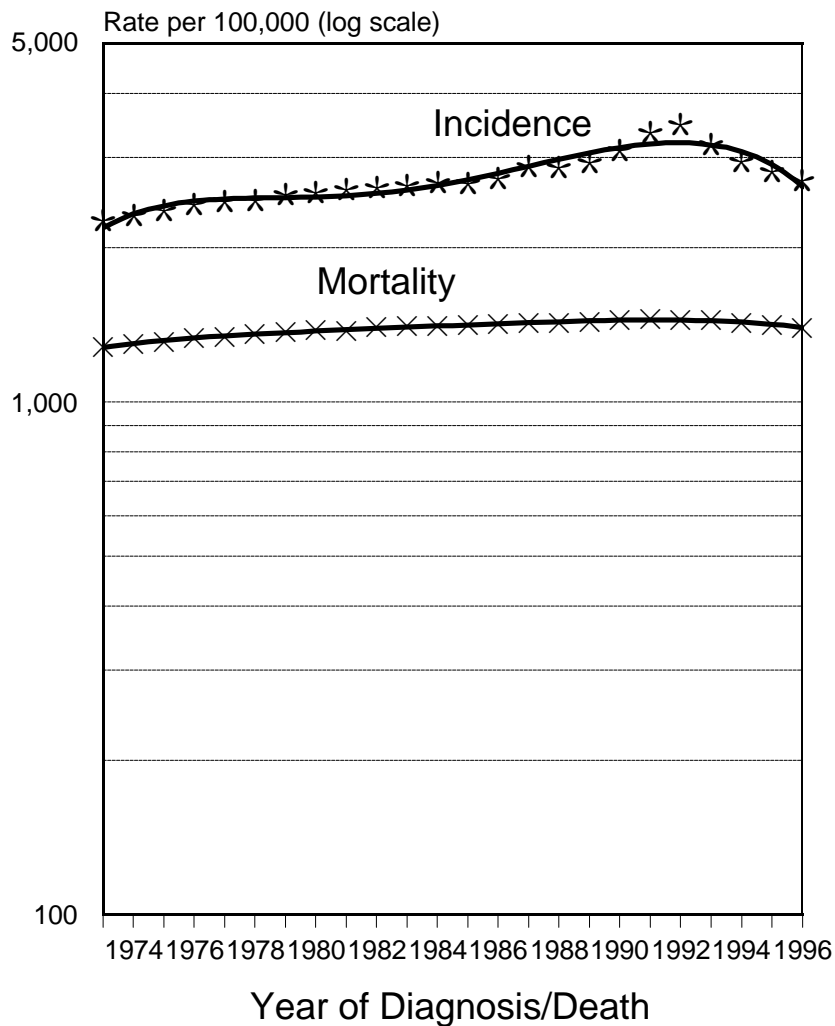


Figure II-6

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

White

Black

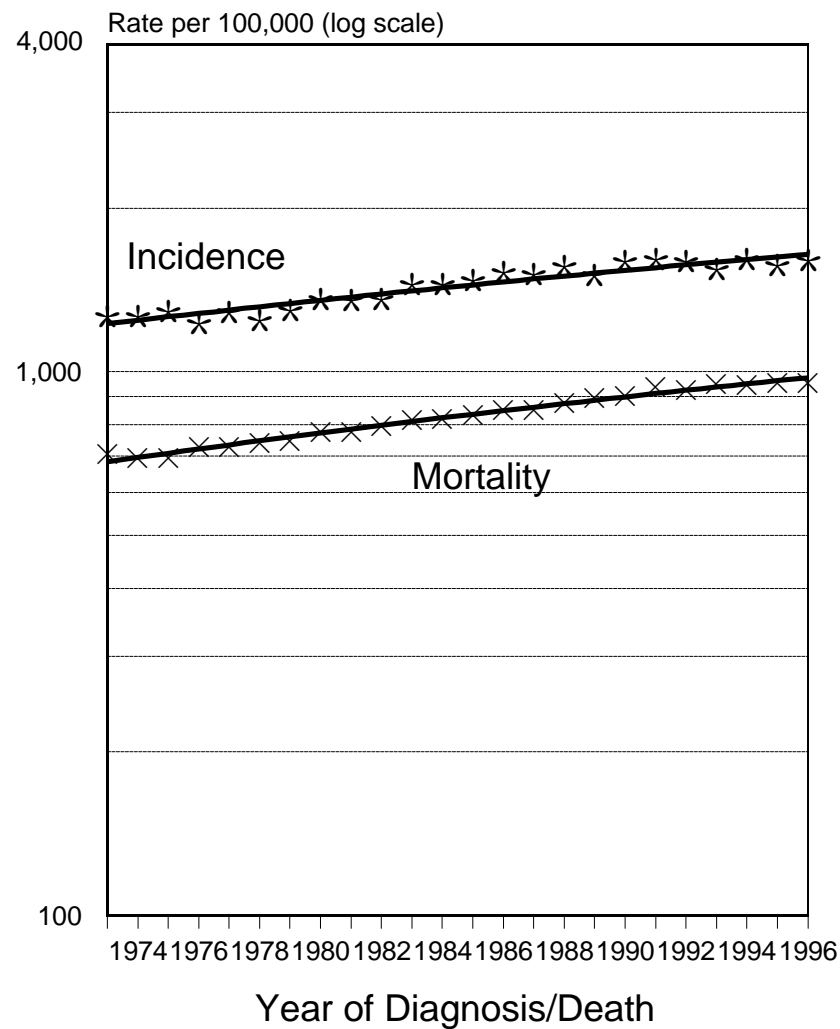
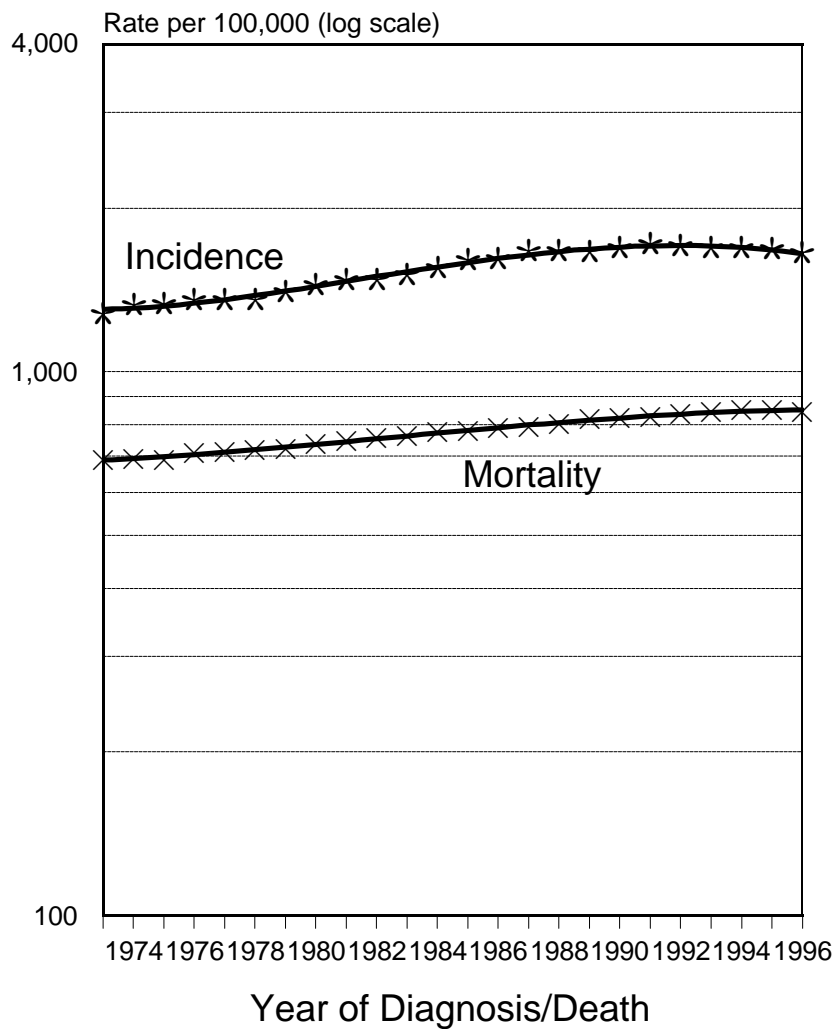
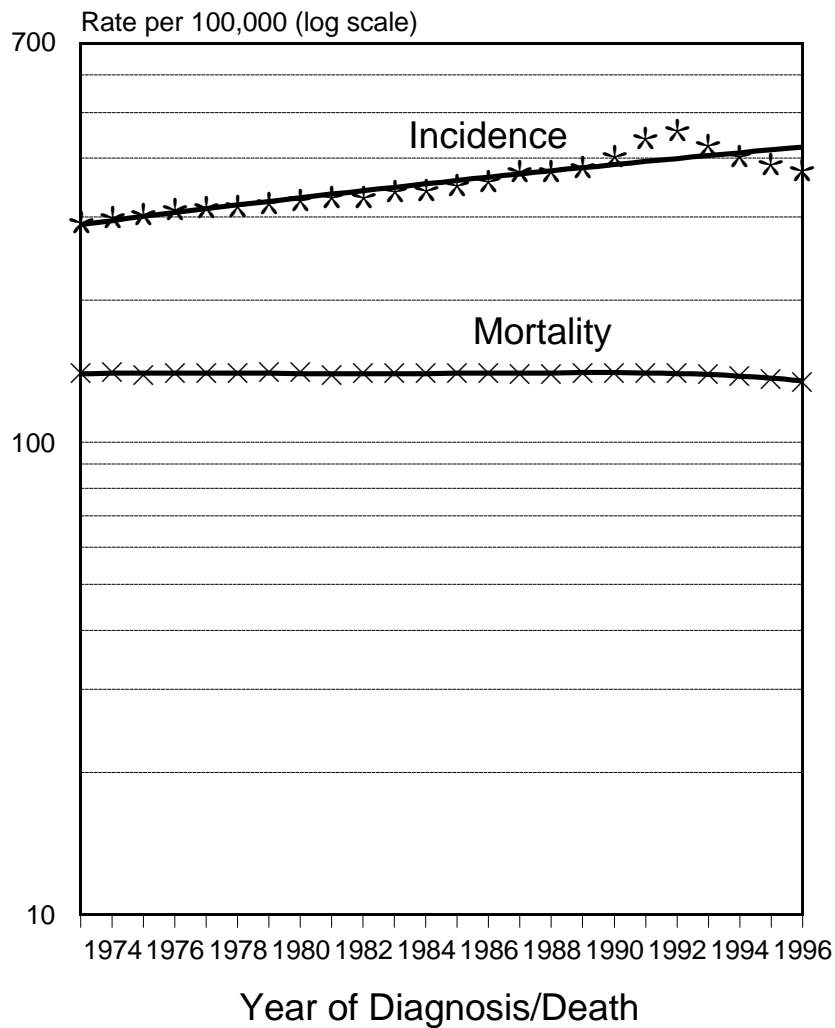


Figure II-7

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

White



Black

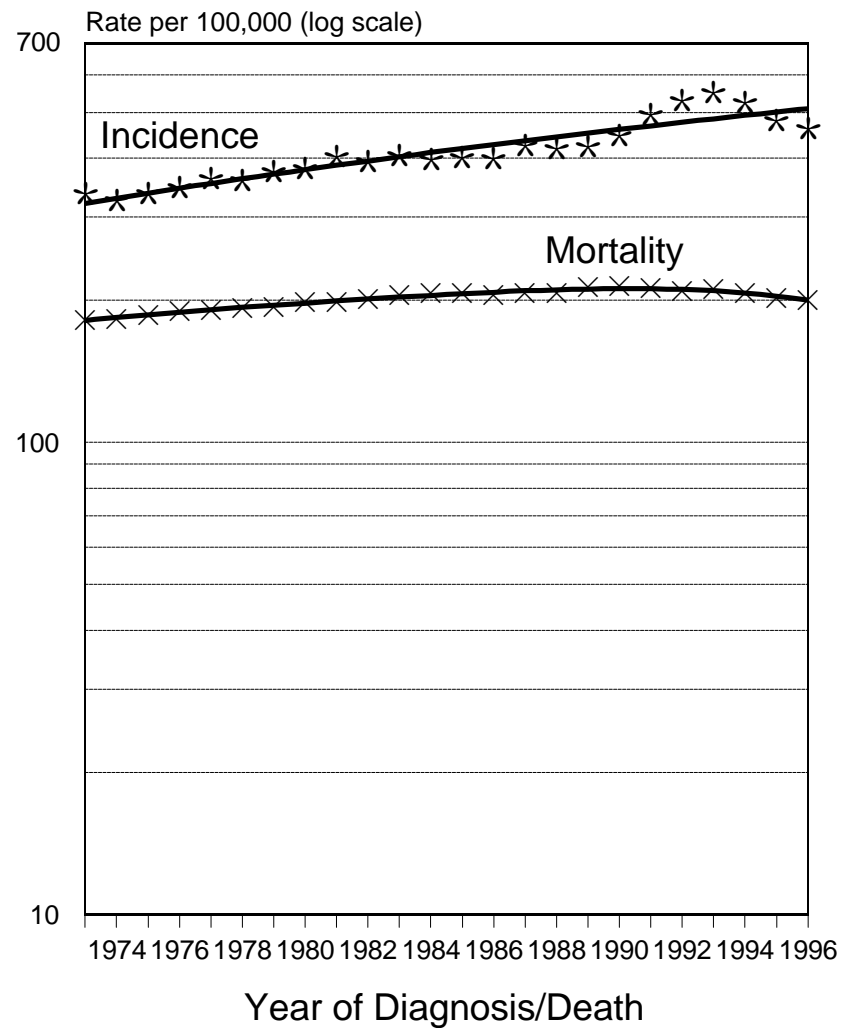


Figure II-8

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

White

Black

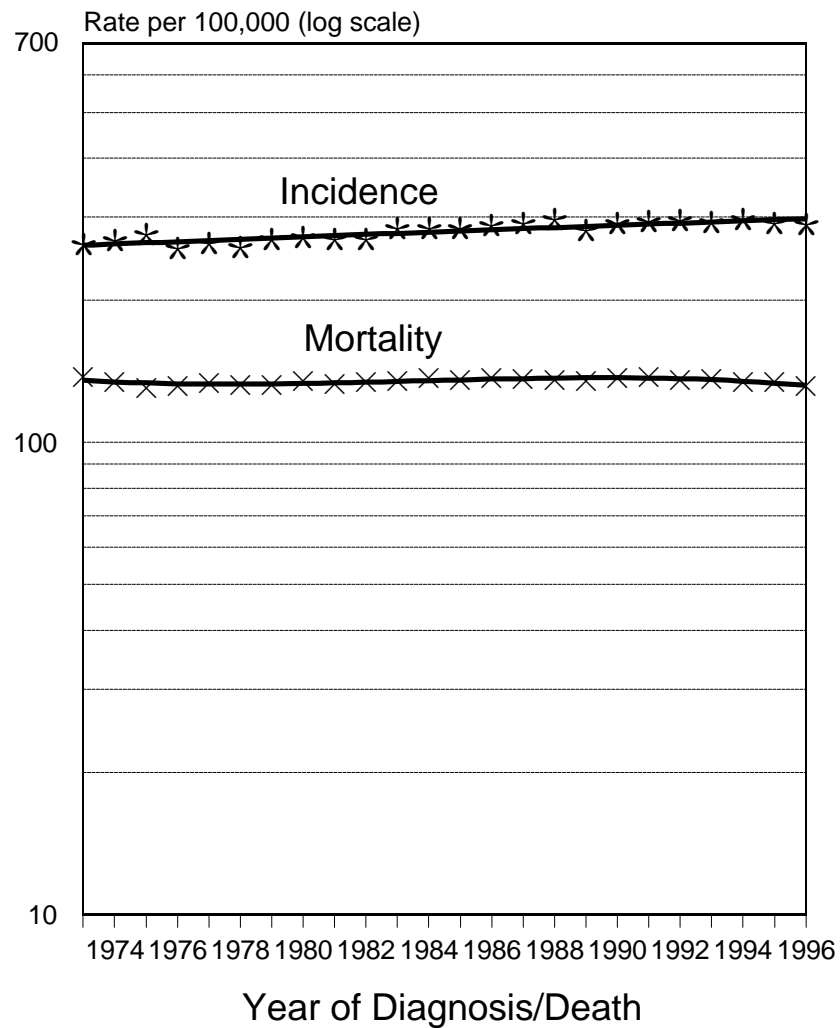
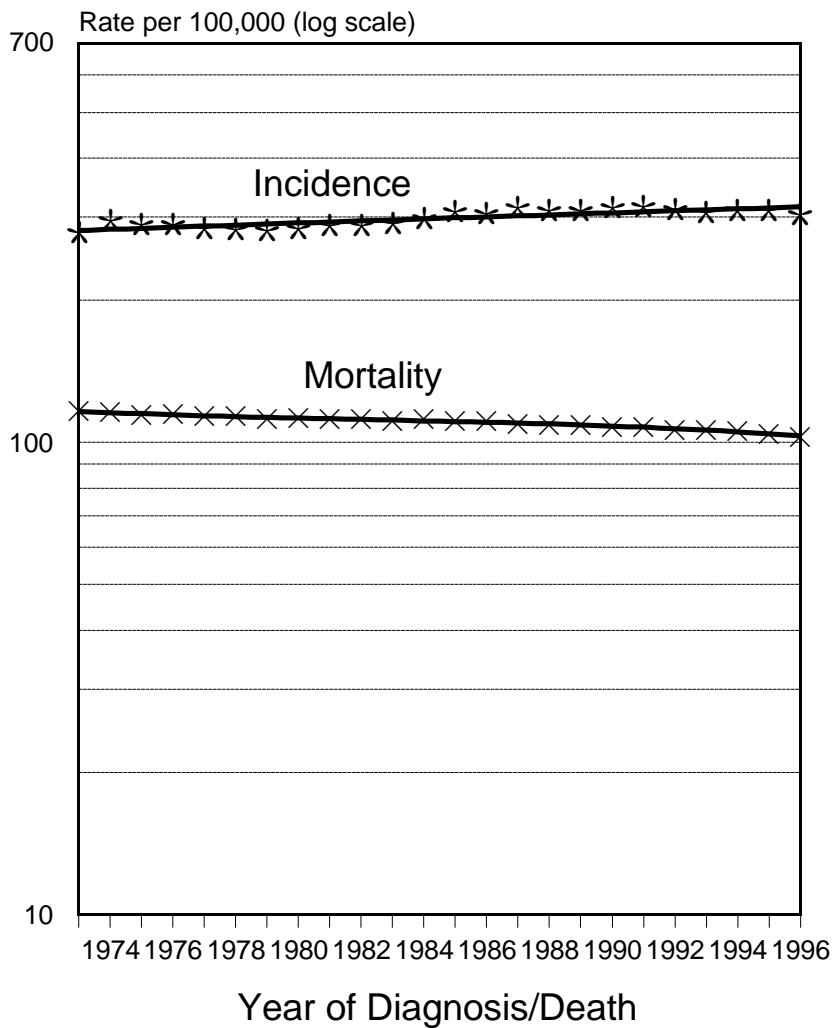
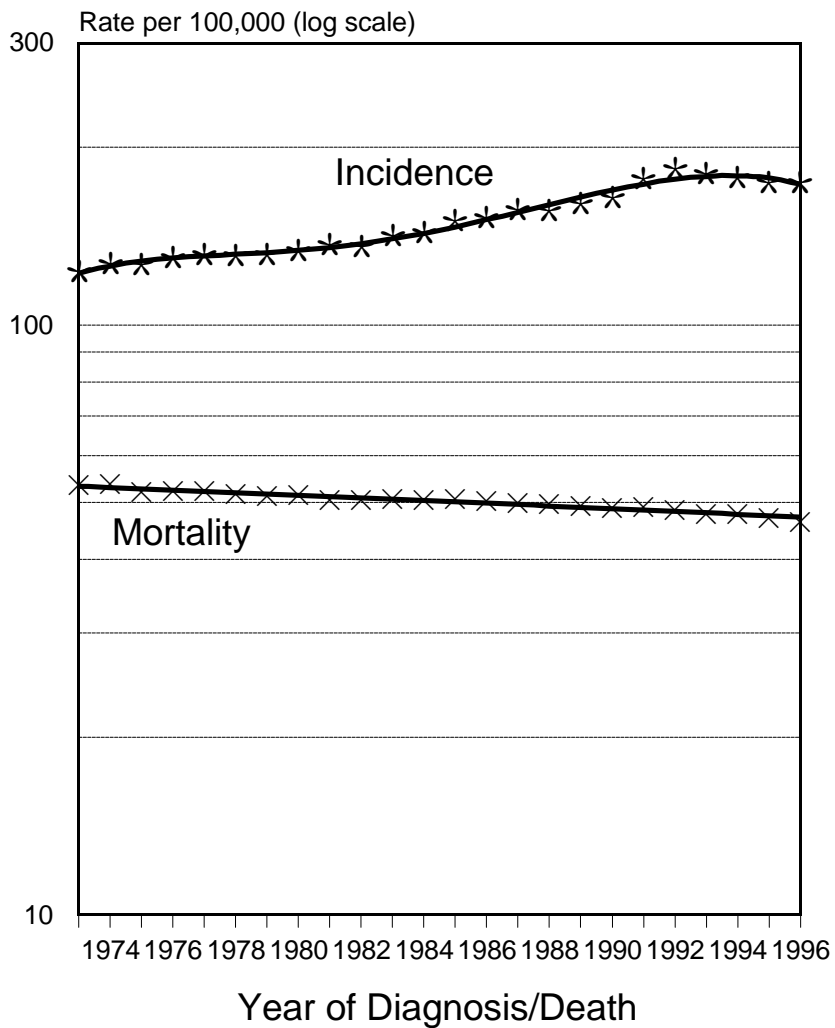


Figure II-9

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

White



Black

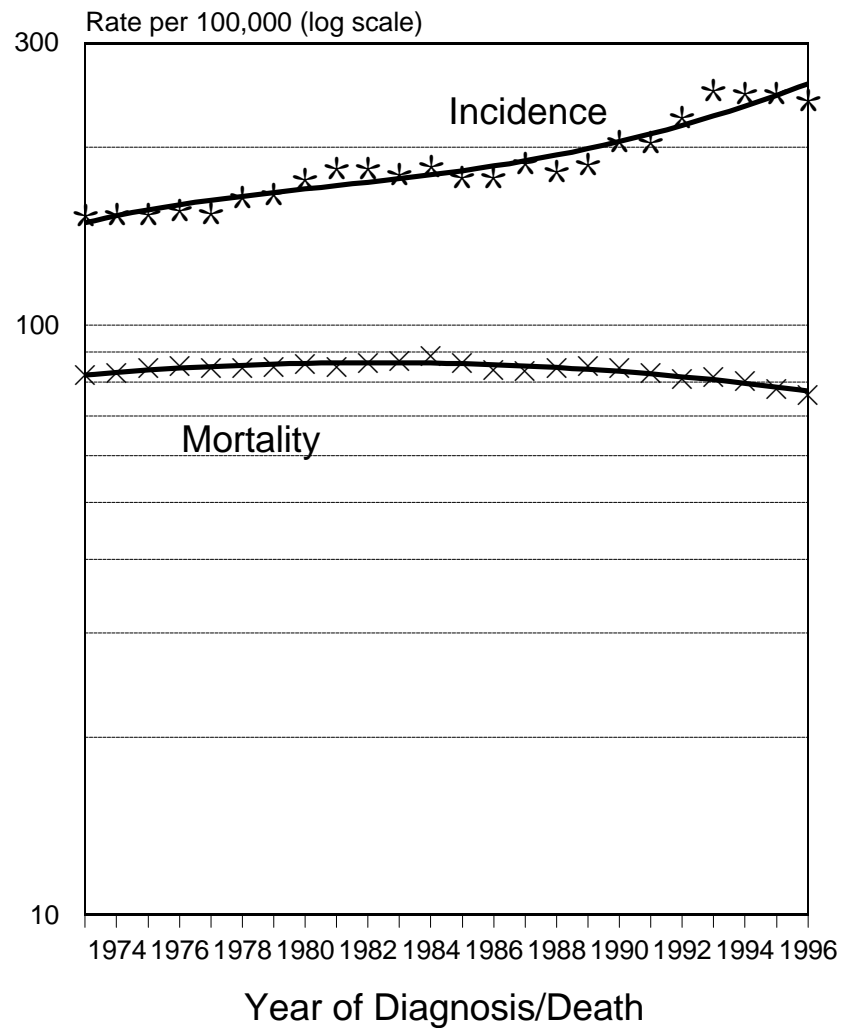


Figure II-10

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

White

Black

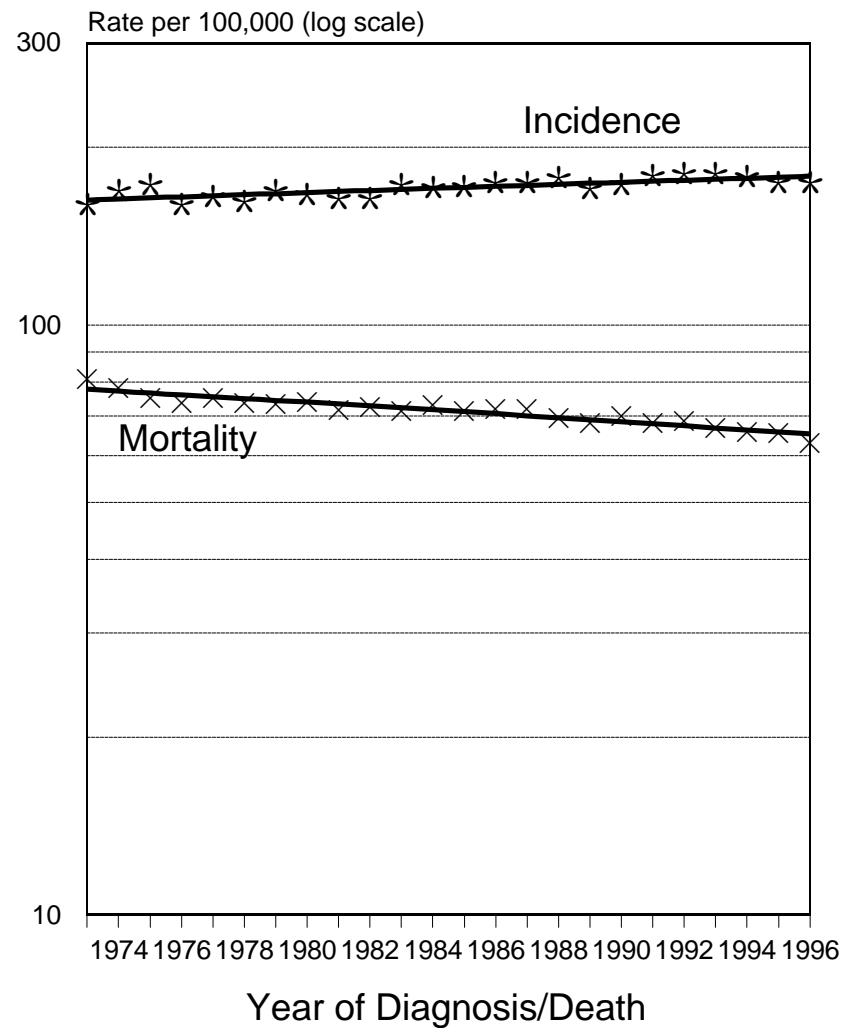
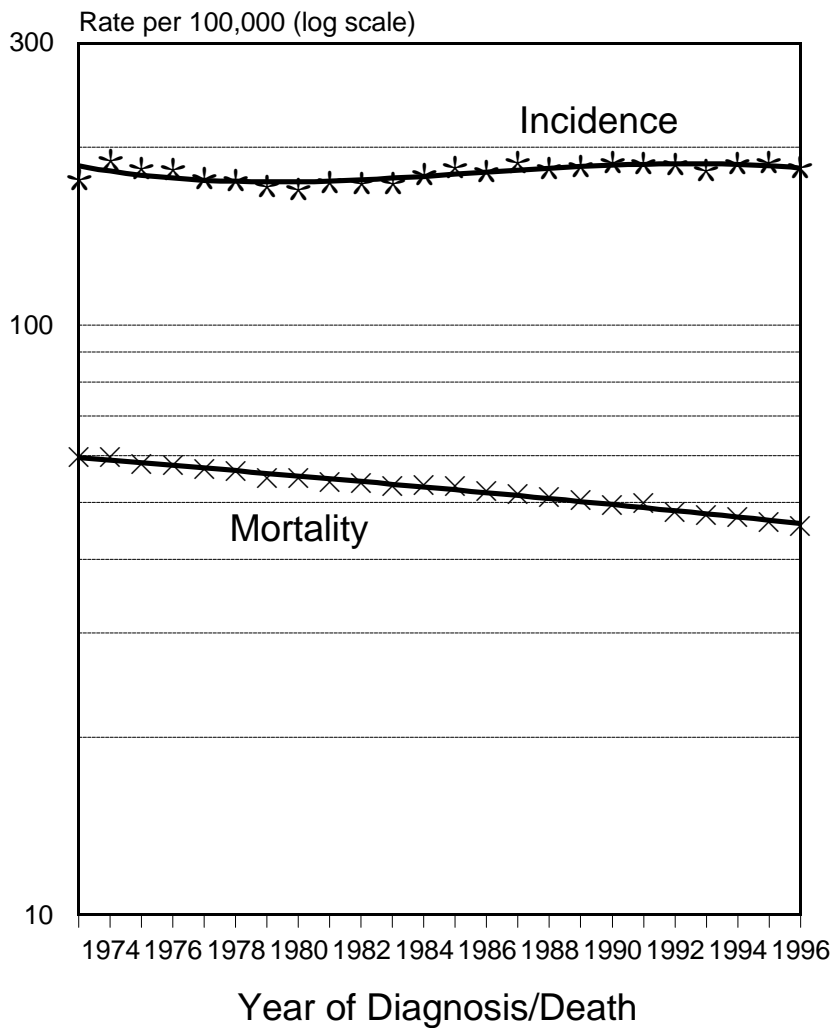
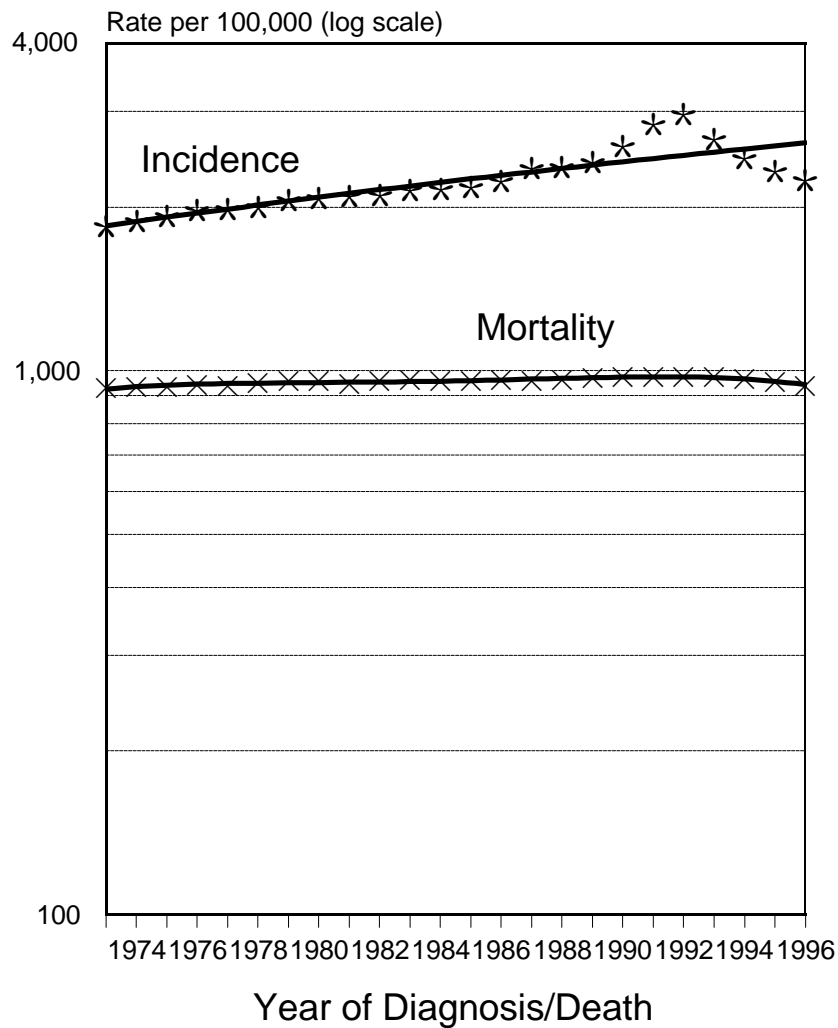


Figure II-11

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

White



Black

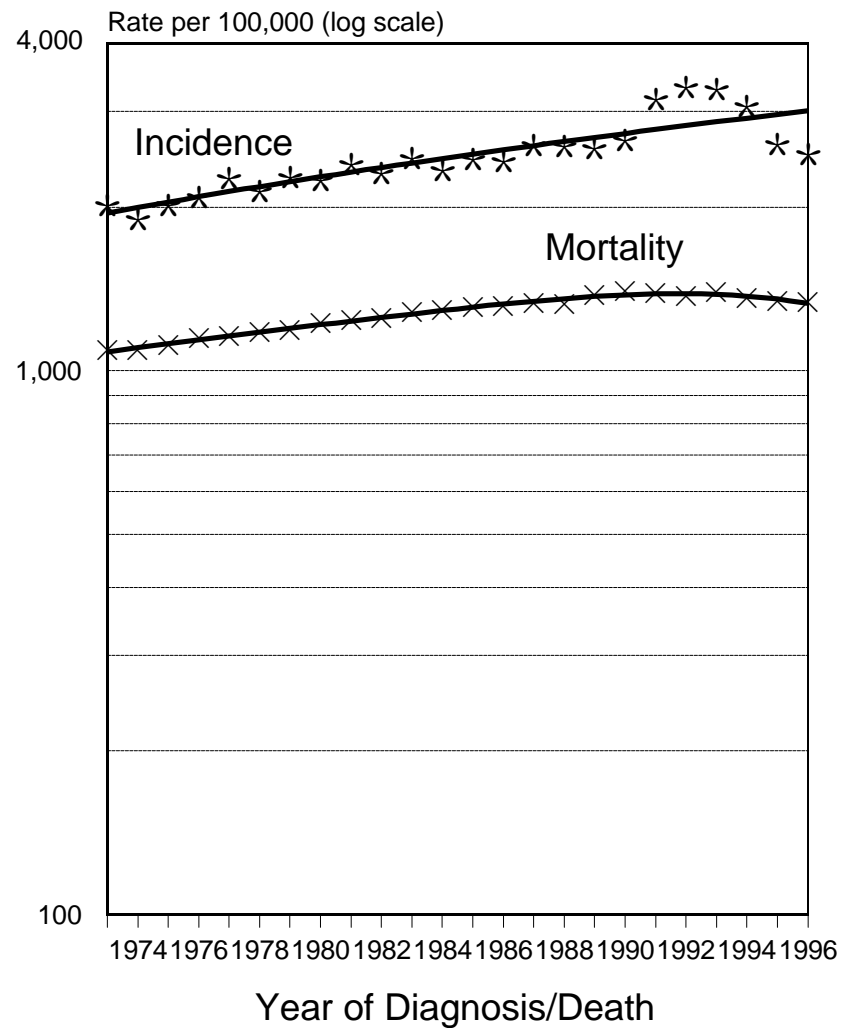


Figure II-12

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

White

Black

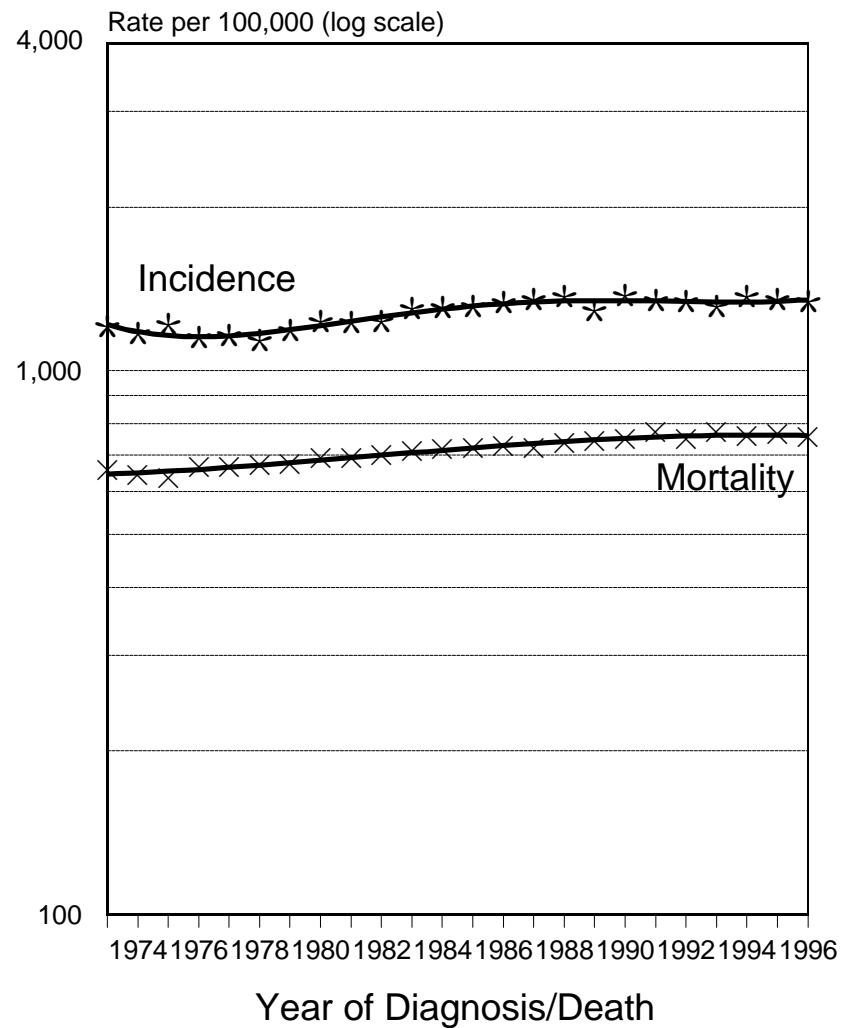
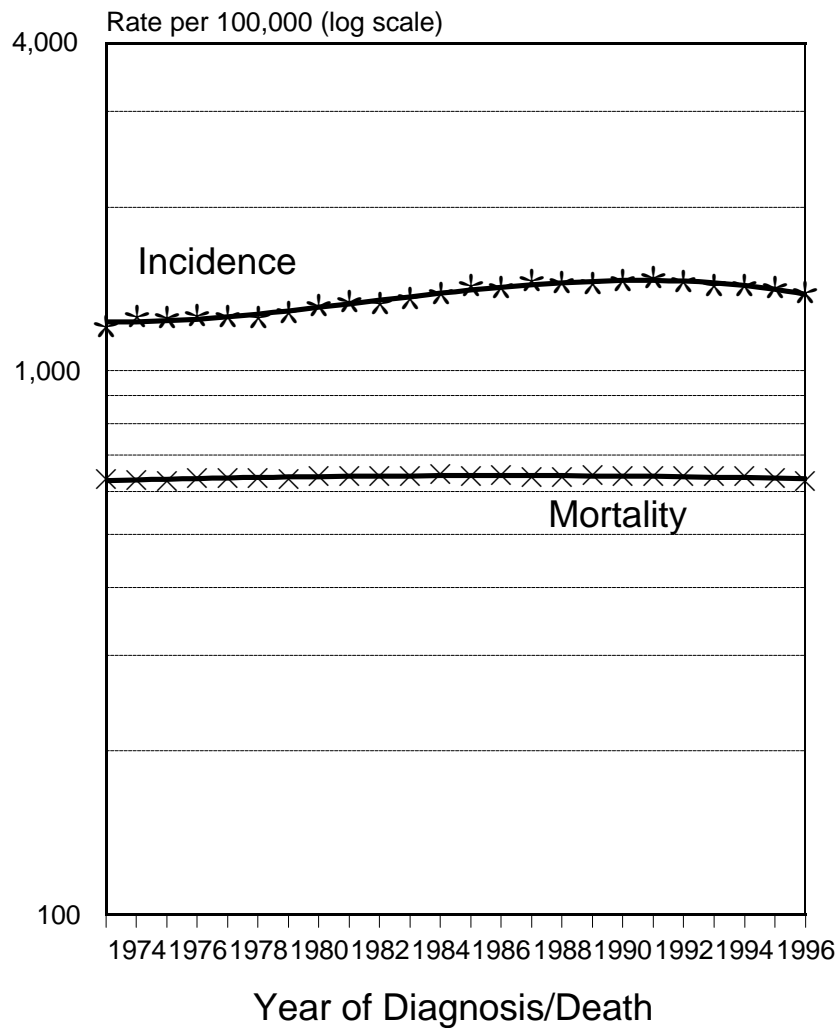
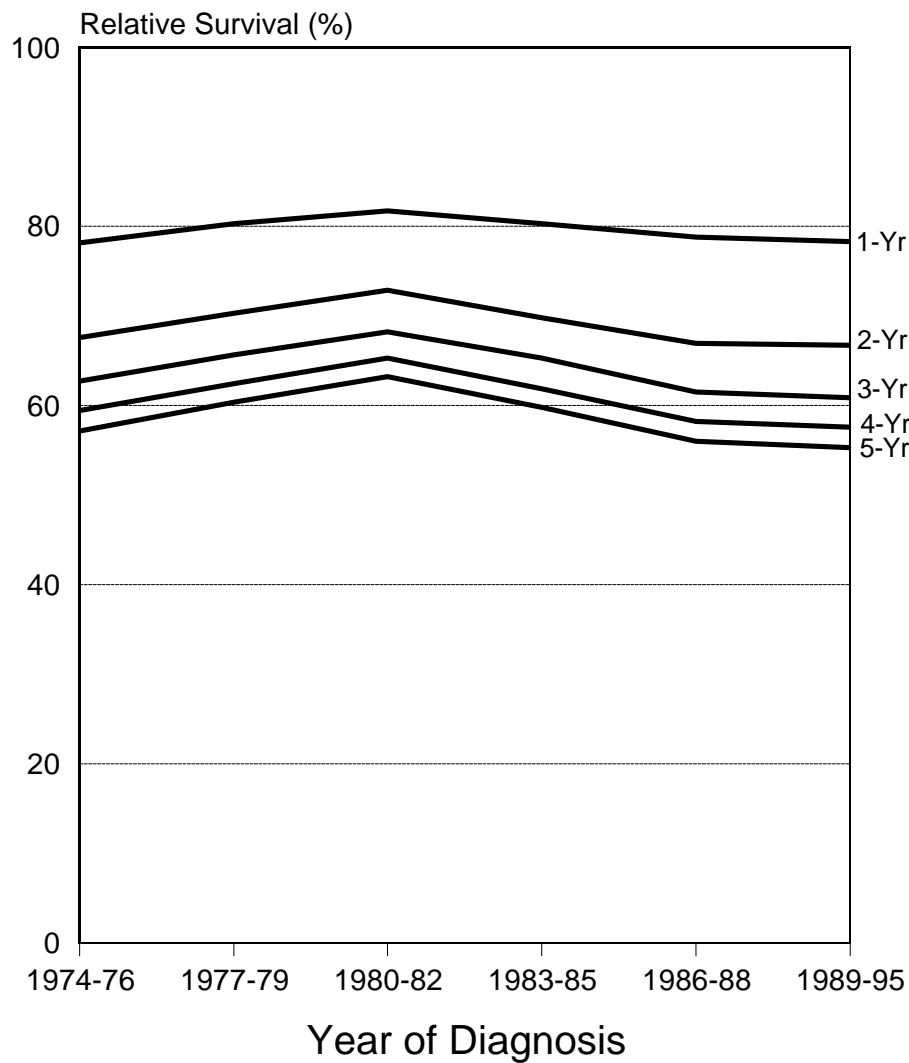


Figure II-13

1 to 5-Year Relative Survival Rates All Cancers, Under 45 Years of Age 1974-1976 to 1989-1995

Male



Female

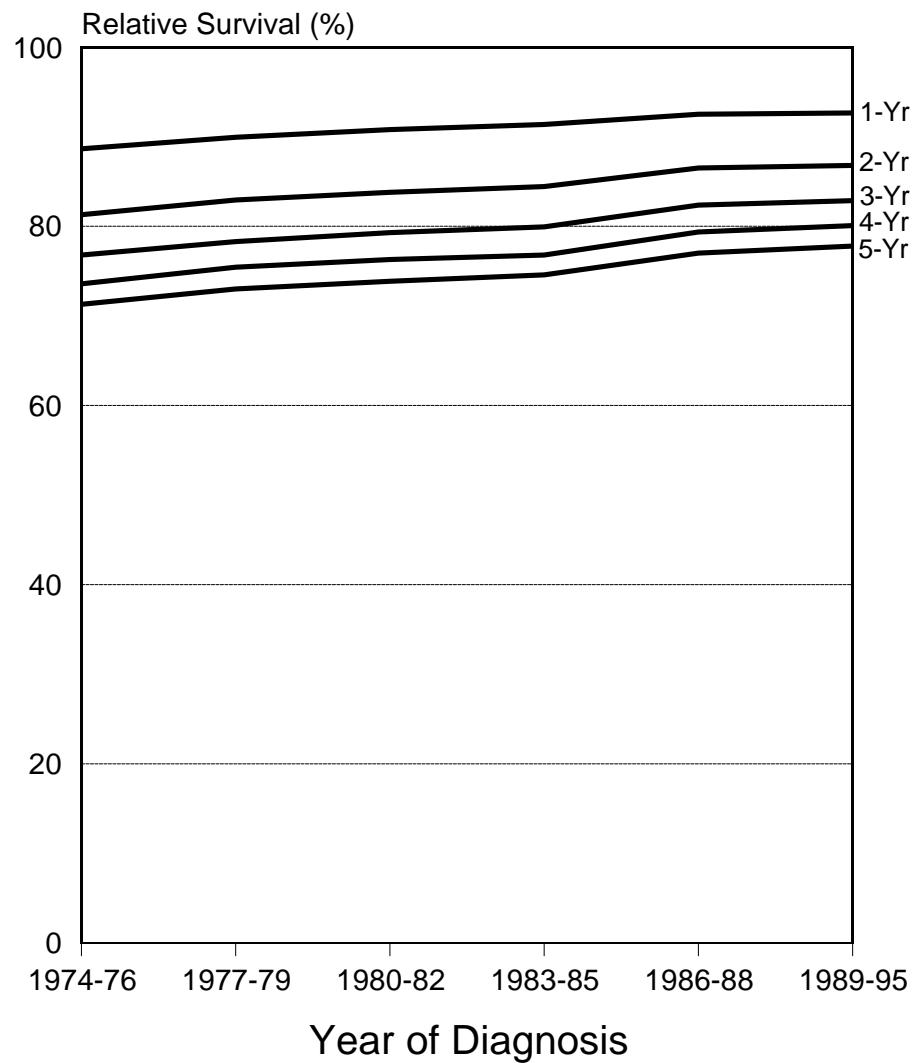
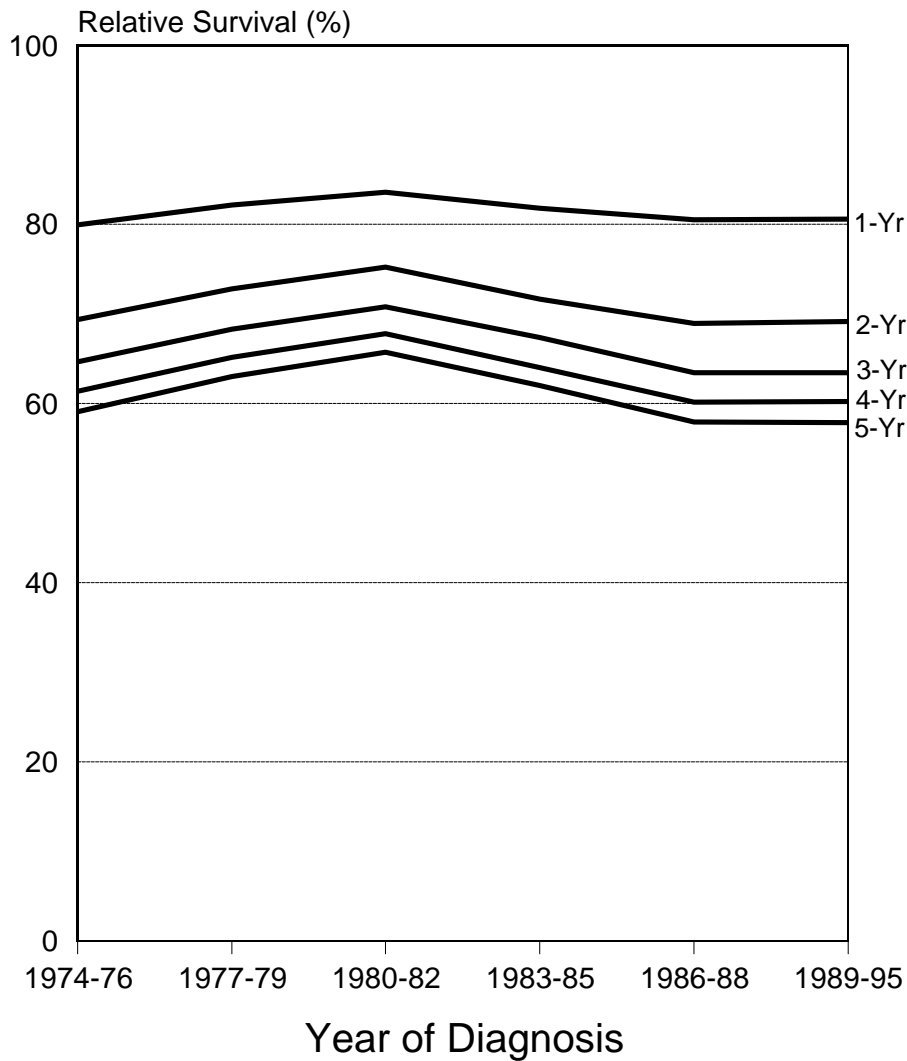


Figure II-14

1 to 5-Year Relative Survival Rates All Cancers, White, Under 45 Years of Age 1974-1976 to 1989-1995

Male



Female

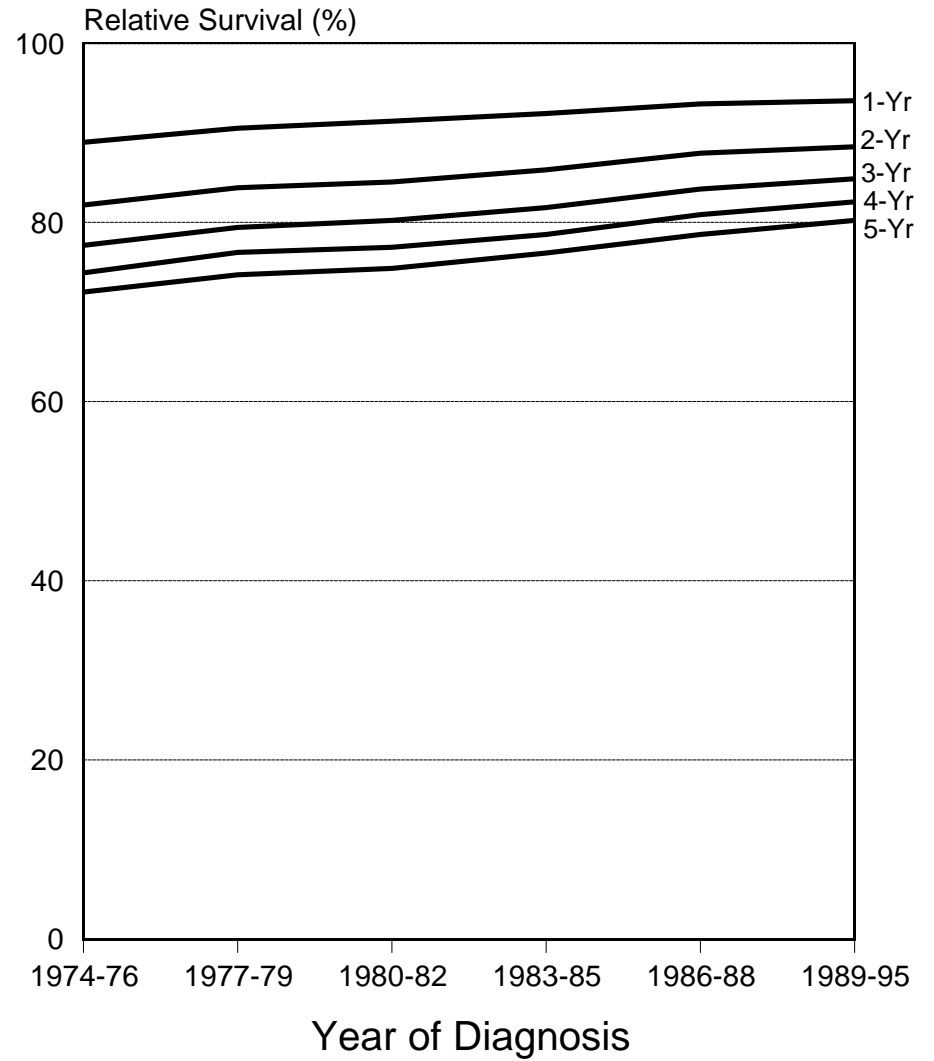
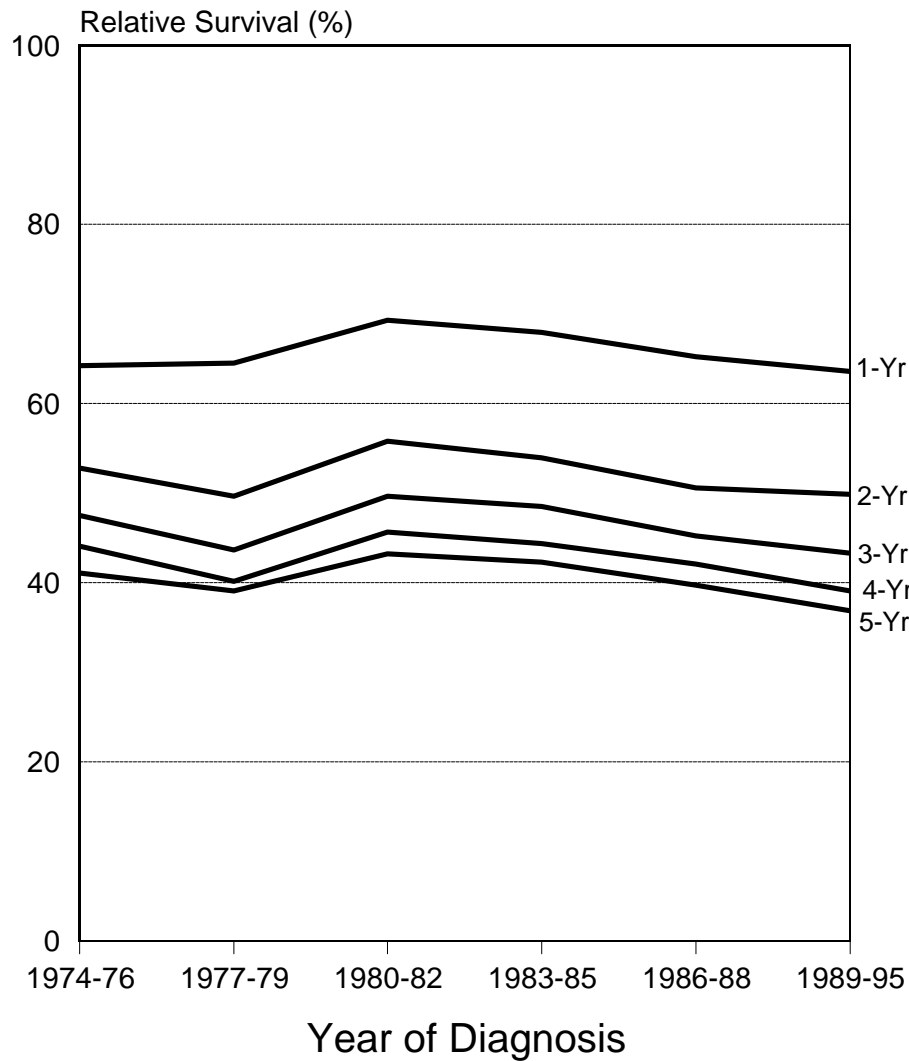


Figure II-15

1 to 5-Year Relative Survival Rates All Cancers, Black, Under 45 Years of Age 1974-1976 to 1989-1995

Male



Female

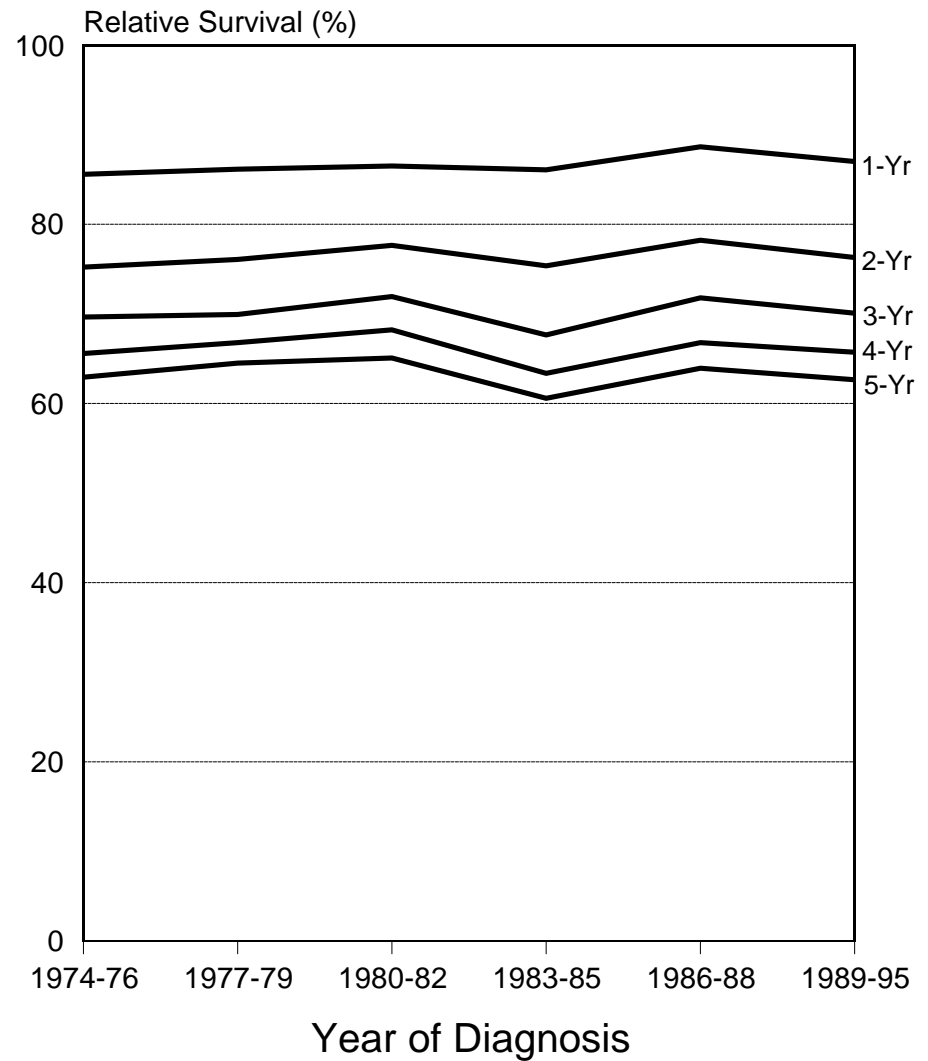


Figure II-16

1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, Under 45 Years of Age 1974-1976 to 1989-1995

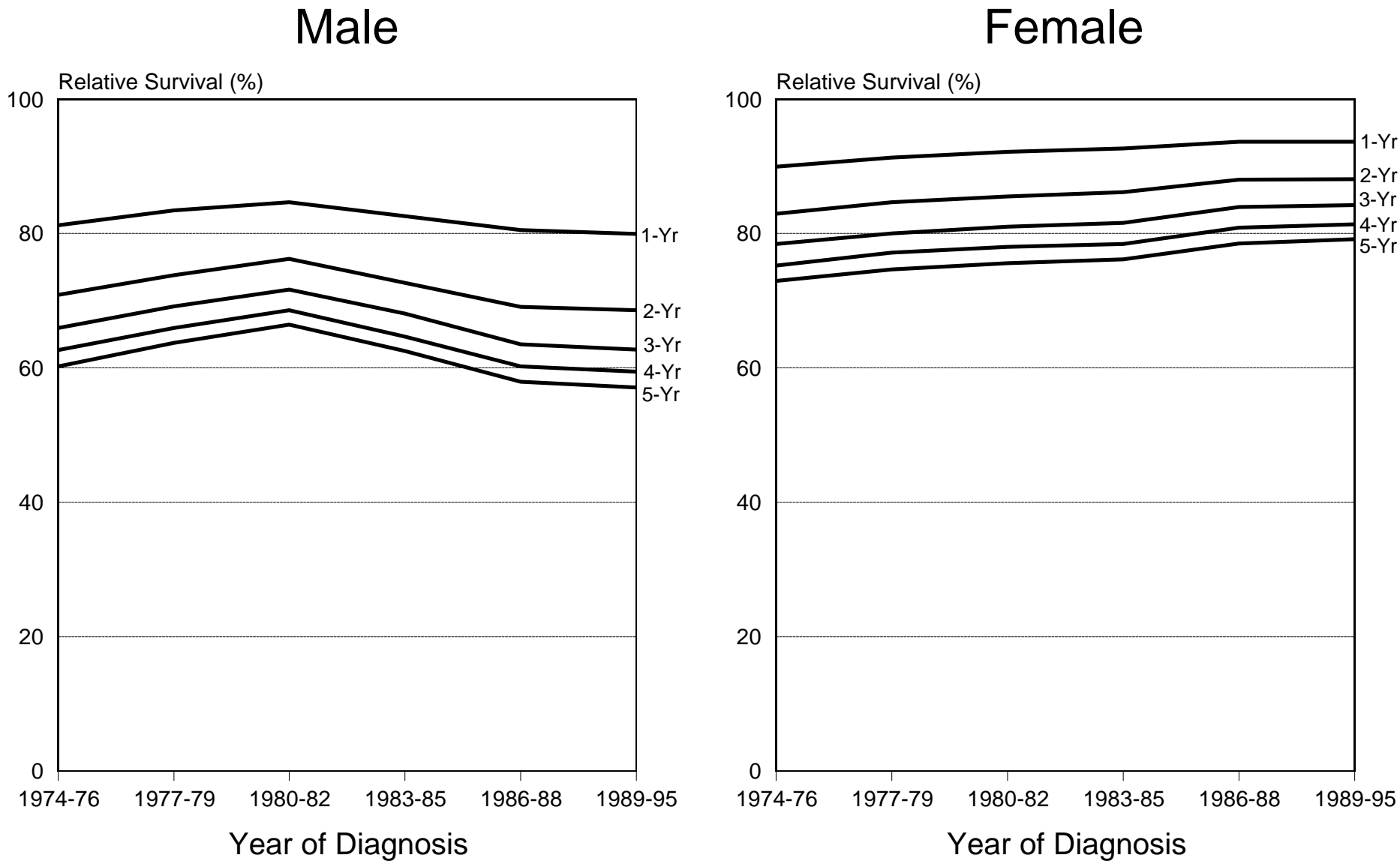


Figure II-17

1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, White, Under 45 Years of Age 1974-1976 to 1989-1995

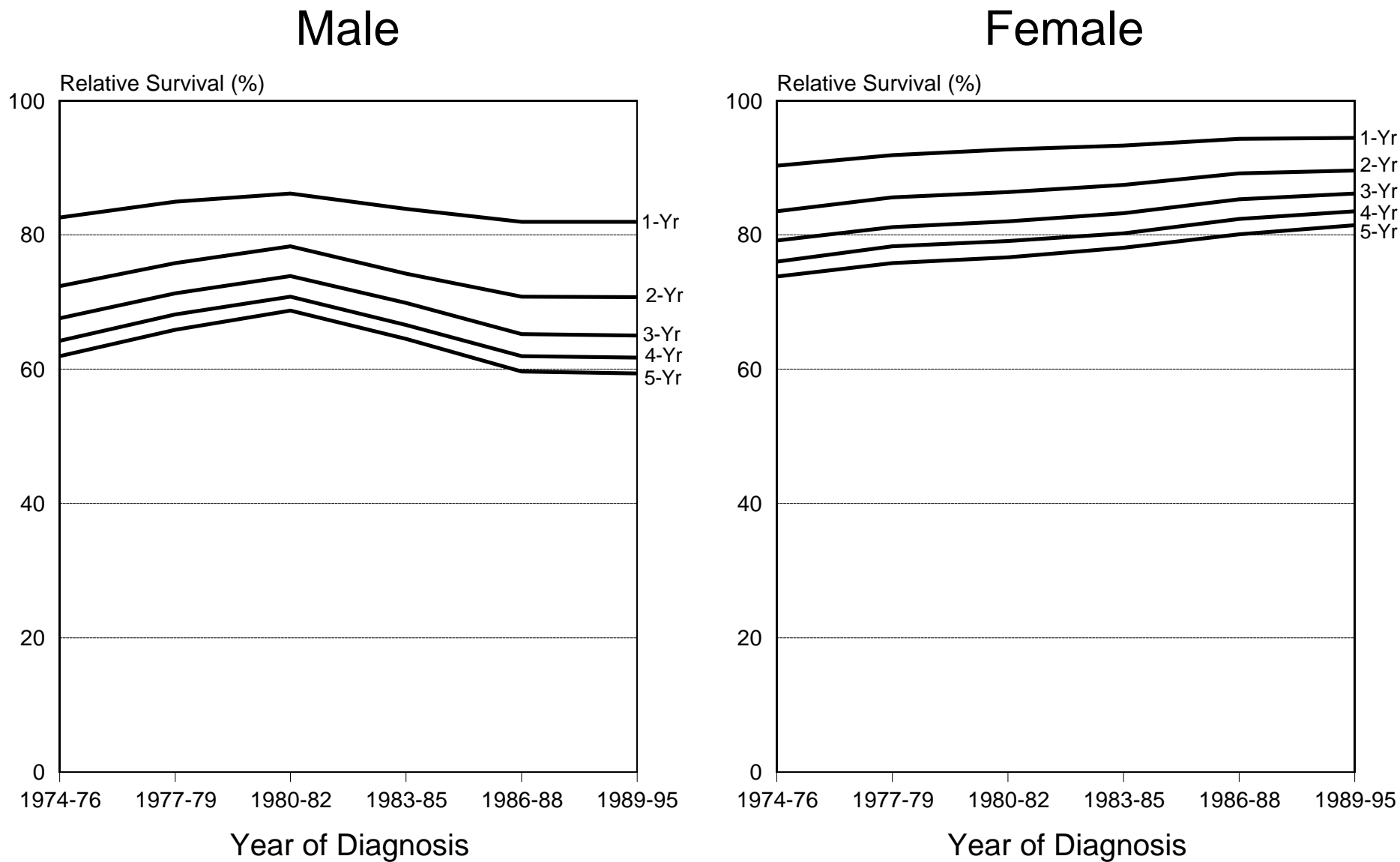


Figure II-18

1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, Black, Under 45 Years of Age 1974-1976 to 1989-1995

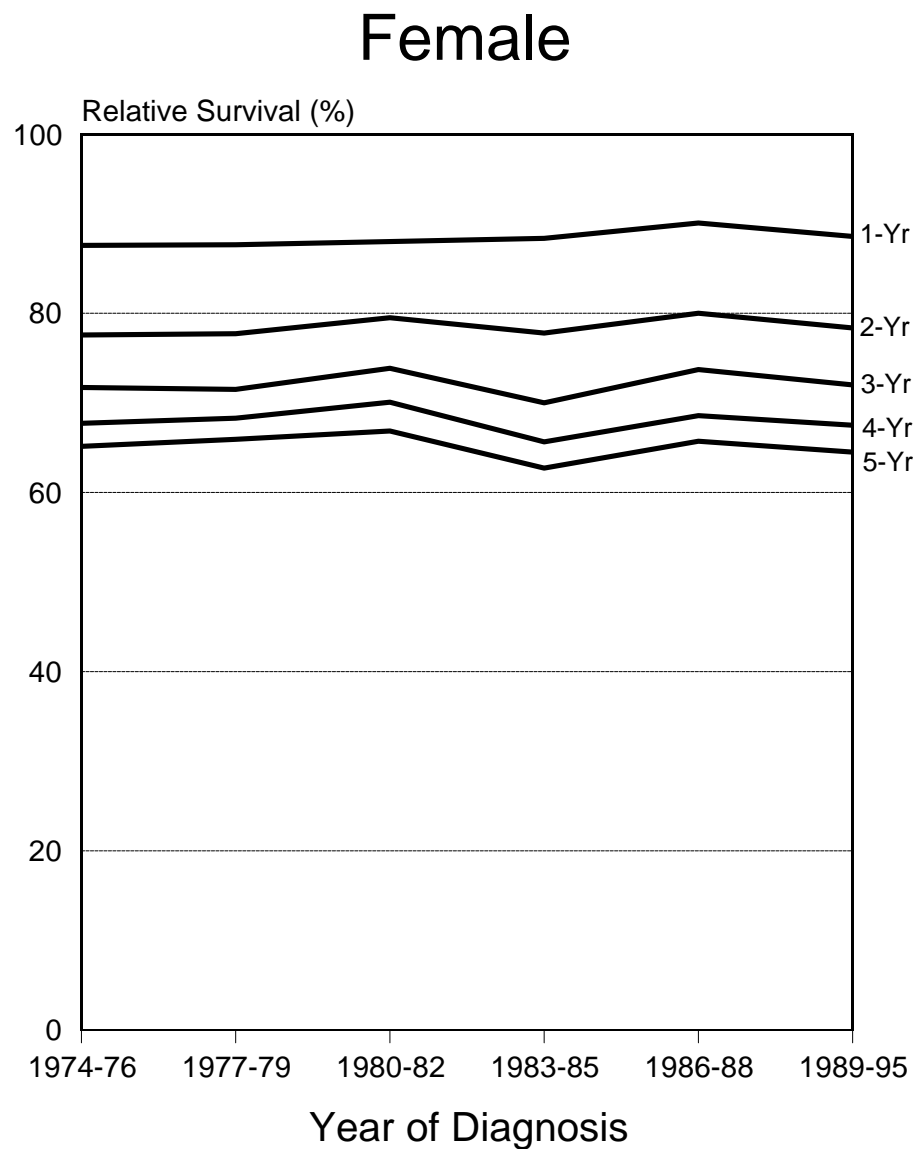
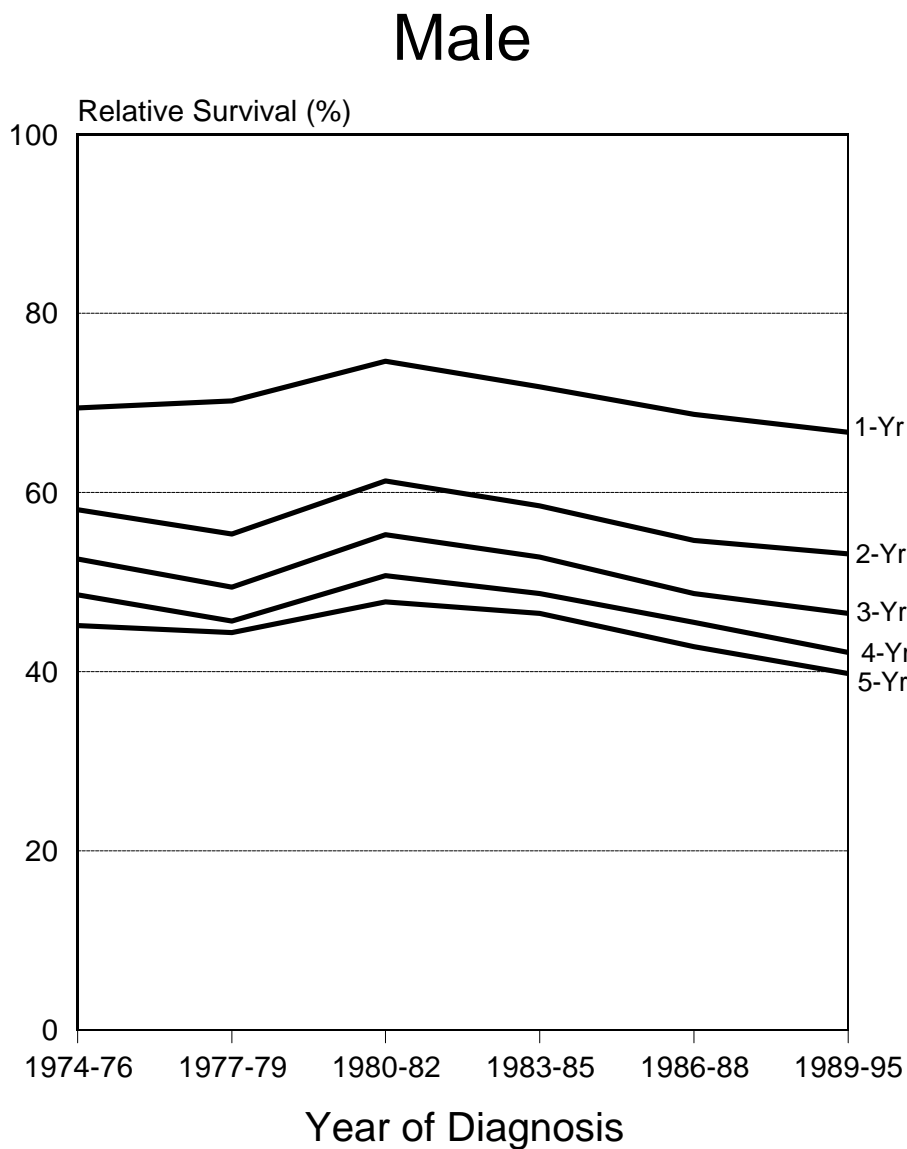


Figure II-19