

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>1973-95</u>									
All Ages									
Percent Change (PC)	21.8	27.8	14.4	21.8	25.7	15.9	28.3	40.6	17.8
Est. Annual PC (EAPC)	1.2★	1.5★	0.8★	1.2★	1.4★	0.9★	1.4★	1.8★	1.0★
Under 65									
Percent Change (PC)	15.4	28.4	5.5	15.2	26.7	6.5	25.1	40.4	12.1
Est. Annual PC (EAPC)	0.8★	1.3★	0.4★	0.8★	1.3★	0.4★	1.1★	1.5★	0.7★
65 and over									
Percent Change (PC)	28.0	27.4	26.5	28.1	25.0	28.8	31.6	40.8	25.1
Est. Annual PC (EAPC)	1.5★	1.6★	1.3★	1.5★	1.5★	1.4★	1.6★	2.0★	1.4★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	1.2	3.7	-1.2	1.2	3.7	-1.2	3.8	7.0	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>1991-95 - ALL AGES</u>									
Percent Change (PC)	-5.7	-10.5	-1.3	-6.5	-12.0	-1.4	-2.8	-4.8	-2.1
Est. Annual PC (EAPC)	-1.8★◆	-3.3★◆	-0.5	-2.1★◆	-3.9★◆	-0.5	-1.0◇	-1.6◇	-0.9
<u>MORTALITY TRENDS (expressed in percents)*:</u>									
<u>1973-95</u>									
All Ages									
Percent Change (PC)	4.5	2.7	7.3	4.2	1.7	7.5	12.3	16.9	12.0
Est. Annual PC (EAPC)	0.3★	0.2★	0.4★	0.3★	0.1★	0.4★	0.7★	0.9★	0.7★
Under 65									
Percent Change (PC)	-11.0	-12.1	-10.0	-11.2	-12.7	-9.8	-7.6	-5.8	-8.4
Est. Annual PC (EAPC)	-0.5★	-0.5★	-0.4★	-0.5★	-0.5★	-0.4★	-0.3★	-0.2	-0.2★
65 and over									
Percent Change (PC)	16.4	11.8	23.4	15.7	10.3	23.1	31.9	36.0	35.9
Est. Annual PC (EAPC)	0.8★	0.6★	1.1★	0.7★	0.5★	1.1★	1.5★	1.6★	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>1991-95 - ALL AGES</u>									
Percent Change (PC)	-1.6	-3.0	-0.5	-1.4	-2.8	-0.4	-2.4	-3.6	-1.0
Est. Annual PC (EAPC)	-0.6★◆	-1.0★◆	-0.2★◆	-0.5★◆	-1.0★◆	-0.2◆	-0.8★◆	-1.3★◆	-0.3◆

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 1991-95 is significantly different from the EAPC for 1975-79 ( $p < .05$ ).  
The EAPC for 1991-95 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>1973-95</u>									
All Ages									
Percent Change (PC)	20.5	34.5	6.9	20.1	32.1	8.0	28.6	50.1	9.9
Est. Annual PC (EAPC)	1.2★	1.8★	0.5★	1.2★	1.8★	0.5★	1.4★	2.1★	0.6★
Under 65									
Percent Change (PC)	17.5	42.0	1.8	17.1	40.1	2.6	29.6	59.8	7.0
Est. Annual PC (EAPC)	0.9★	1.9★	0.2★	1.0★	1.9★	0.3★	1.2★	2.1★	0.4★
65 and over									
Percent Change (PC)	23.3	29.8	13.9	22.9	27.2	15.3	27.8	43.2	13.6
Est. Annual PC (EAPC)	1.4★	1.7★	0.8★	1.4★	1.7★	0.9★	1.5★	2.1★	0.8★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	0.1	3.4	-2.8	0.0	3.4	-2.8	2.6	7.2	-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>1991-95 - ALL AGES</u>									
Percent Change (PC)	-5.8	-10.8	-1.4	-6.8	-12.6	-1.6	-1.5	-3.3	-1.3
Est. Annual PC (EAPC)	-1.8◆	-3.4◆	-0.5	-2.1★◆	-4.0★◆	-0.6	-0.6	-1.3	-0.5
<u>MORTALITY TRENDS (expressed in percents)*:</u>									
<u>1973-95</u>									
All Ages									
Percent Change (PC)	-5.3	-0.9	-9.0	-6.0	-1.9	-9.5	4.0	12.4	-1.0
Est. Annual PC (EAPC)	-0.2★	0.0	-0.4★	-0.2★	0.0	-0.4★	0.3★	0.7★	0.1★
Under 65									
Percent Change (PC)	-16.4	-10.7	-21.1	-17.1	-11.5	-21.6	-11.7	-4.4	-17.4
Est. Annual PC (EAPC)	-0.8★	-0.5★	-1.0★	-0.8★	-0.5★	-1.1★	-0.5★	-0.2★	-0.7★
65 and over									
Percent Change (PC)	2.7	4.4	1.8	1.7	3.1	0.9	17.9	23.9	17.3
Est. Annual PC (EAPC)	0.2★	0.3★	0.1★	0.1★	0.2★	0.1★	0.9★	1.2★	0.9★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	-0.5	0.8	-1.4	-0.7	0.6	-1.6	1.4	2.6	0.9
Est. Annual PC (EAPC)	-0.1	0.3★	-0.5	-0.2	0.2	-0.5	0.5	0.9★	0.3
<u>1991-95 - ALL AGES</u>									
Percent Change (PC)	-1.8	-2.1	-1.9	-1.7	-1.9	-1.9	-2.1	-2.7	-1.7
Est. Annual PC (EAPC)	-0.7★◆	-0.7★◆	-0.7★	-0.6★◆	-0.7★◆	-0.7★	-0.8★◆	-1.0◆	-0.5◆

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 1991-95 is significantly different from the EAPC for 1975-79 ( $p < .05$ ).  
 The EAPC for 1991-95 is significantly different from the EAPC for 1975-79 ( $p < .10$ ).  
 † Statistic could not be calculated.

Table II-3  
ALL SITES (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	320.0	365.0	293.5	319.6	364.3	295.1	353.1	441.4	283.7
1974	332.9	372.6	311.8	334.1	373.7	314.7	350.0	427.0	289.8
1975	332.7	378.7	307.6	333.8	379.7	310.5	356.6	438.0	296.5
1976	338.0	389.9	308.4	339.6	389.7	313.2	355.4	456.2	282.1
1977	337.6	393.7	304.5	338.6	393.9	307.8	365.4	469.8	291.7
1978	337.7	395.7	303.3	339.5	396.1	308.1	363.3	471.9	284.9
1979	341.3	401.6	305.3	342.0	401.5	308.4	375.4	484.6	298.7
1980	345.7	409.2	307.1	346.4	407.5	311.3	390.5	510.4	304.8
1981	351.9	414.1	314.3	353.2	412.5	319.7	395.6	528.6	300.9
1982	351.6	413.6	314.6	353.7	413.3	320.4	389.7	516.6	300.2
1983	357.4	421.8	318.3	359.5	421.0	324.2	407.1	534.9	318.8
1984	364.5	425.8	328.0	366.5	425.5	333.3	410.3	538.3	322.2
1985	372.4	431.3	337.2	375.2	431.2	343.8	408.5	532.7	323.7
1986	374.4	436.7	336.6	377.1	438.2	341.7	412.7	532.8	331.2
1987	387.5	455.6	345.7	392.1	457.8	353.6	417.5	548.5	328.8
1988	384.9	451.9	343.8	389.4	455.0	350.8	420.9	543.5	338.5
1989	387.8	459.5	342.2	392.9	462.4	350.4	413.0	543.2	326.1
1990	399.5	479.4	348.4	404.3	481.9	356.3	435.8	575.8	342.7
1991	417.5	516.5	351.6	422.5	518.9	359.5	455.6	622.5	344.5
1992	426.2	536.8	350.0	428.9	535.3	356.8	472.9	659.7	345.3
1993	412.5	510.4	343.7	412.1	502.1	349.9	473.1	665.3	338.5
1994	403.4	482.4	348.0	403.6	475.0	354.6	466.1	637.1	345.5
1995	392.0	460.1	344.3	392.4	452.3	351.9	436.2	584.1	330.0
<u>AGE-ADJUSTED RATES, 1991-95</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	410.1	500.5	347.5	411.6	496.0	354.5	460.5	633.1	340.6
Under 65	207.3	211.4	204.4	207.2	207.7	207.7	244.5	294.7	204.5
65 and over	2261.0	3138.7	1653.6	2277.5	3127.2	1694.4	2432.7	3720.9	1583.1
All ages (world std.) <sup>8</sup>	329.8	390.6	286.8	331.1	386.9	292.5	372.8	500.4	281.8
<u>AGE-SPECIFIC RATES, 1991-95</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	20.4	21.9	18.8	21.3	22.9	19.6	15.8	16.7	15.0
5-9	10.2	11.2	9.2	10.4	11.5	9.2	9.4	9.6	9.1
10-14	12.5	12.8	12.1	12.6	12.6	12.6	12.1	12.5	11.8
15-19	21.1	21.3	20.9	22.1	22.6	21.6	14.5	14.0	15.0
20-24	34.7	32.6	36.8	36.1	34.4	38.0	27.1	25.2	28.9
25-29	60.6	59.2	62.1	63.3	62.6	64.0	47.5	46.0	48.9
30-34	92.7	88.6	96.7	94.6	91.2	97.9	85.6	82.9	88.0
35-39	137.1	115.5	158.6	138.2	116.5	160.3	132.4	118.7	144.2
40-44	210.3	163.2	256.3	207.4	159.5	255.3	238.1	208.1	264.1
45-49	347.1	273.8	418.9	342.5	264.5	420.6	418.9	391.7	442.5
50-54	555.9	516.4	593.9	548.2	497.0	598.6	706.7	799.2	627.8
55-59	868.4	933.2	807.7	861.0	903.4	820.2	1108.3	1473.3	815.3
60-64	1302.8	1568.5	1064.3	1314.6	1547.9	1099.4	1558.1	2190.5	1057.5
65-69	1860.1	2463.8	1359.4	1881.1	2449.5	1403.5	2094.1	3106.6	1317.3
70-74	2335.0	3208.5	1661.3	2354.9	3190.3	1709.3	2604.2	4072.0	1583.0
75-79	2582.5	3624.4	1870.5	2598.5	3611.4	1911.5	2651.4	4083.5	1754.7
80-84	2648.6	3845.9	1975.2	2655.8	3840.3	2007.1	2669.7	4182.5	1870.7
85+	2447.5	3708.1	1950.5	2446.7	3728.5	1963.4	2468.4	3680.7	1942.6

<sup>8</sup> SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.  
<sup>8</sup> 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	336.6	262.7
1974	289.0	298.1	291.9	290.7	299.6	294.8	291.1	324.9	268.1
1975	287.4	302.6	286.1	288.7	303.8	288.6	300.1	337.0	275.9
1976	290.1	310.5	284.5	292.4	311.2	289.4	292.8	345.4	256.9
1977	288.6	313.0	279.7	290.4	313.9	283.1	301.2	361.1	262.7
1978	287.5	313.8	277.2	289.8	315.0	281.6	298.3	358.4	257.8
1979	290.4	320.1	277.6	291.6	320.8	280.5	310.1	373.1	269.3
1980	293.4	324.8	279.0	295.2	325.3	283.0	314.6	379.4	271.0
1981	298.0	329.7	283.4	299.8	329.2	288.4	322.3	402.5	267.8
1982	296.8	328.5	282.2	299.1	329.4	287.1	318.5	393.0	268.8
1983	302.5	337.7	285.0	305.0	338.8	289.9	331.2	404.0	284.1
1984	307.7	339.3	293.3	310.8	341.3	298.5	327.5	397.8	282.5
1985	316.2	347.5	301.9	319.7	349.2	307.8	329.4	401.4	283.5
1986	317.5	353.1	299.6	320.7	356.3	304.0	331.4	398.8	288.2
1987	329.0	370.4	307.1	333.4	373.5	313.8	343.0	424.4	290.4
1988	326.2	368.5	303.4	330.6	372.7	309.2	343.1	417.5	295.6
1989	329.8	377.3	302.2	334.9	381.3	309.3	334.8	420.1	280.3
1990	340.8	397.7	306.9	345.6	401.1	313.8	359.1	457.2	295.8
1991	357.9	434.6	308.4	363.1	438.5	315.3	373.8	496.4	294.7
1992	366.4	454.9	306.8	369.6	455.8	312.4	390.4	531.0	296.2
1993	354.5	431.5	301.3	354.1	424.9	306.1	397.8	549.7	292.5
1994	346.2	406.8	304.6	346.3	400.5	310.1	389.8	523.8	296.2
1995	336.1	386.7	301.7	336.5	380.8	307.6	363.2	469.3	287.2
<u>AGE-ADJUSTED RATES, 1991-95</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	352.0	422.2	304.5	353.7	419.4	310.3	382.9	513.5	293.2
Under 65	181.2	179.7	183.5	181.8	177.9	186.3	203.2	234.7	178.4
65 and over	1910.9	2635.4	1409.1	1923.1	2623.7	1441.5	2023.3	3057.9	1341.5
All ages (world std.) <sup>8</sup>	284.1	330.2	252.6	285.7	328.1	257.4	309.9	405.0	243.1
<u>AGE-SPECIFIC RATES, 1991-95</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	20.4	21.9	18.8	21.3	22.9	19.6	15.8	16.7	15.0
5-9	10.2	11.2	9.2	10.4	11.5	9.2	9.4	9.6	9.1
10-14	12.5	12.8	12.1	12.5	12.5	12.6	12.1	12.5	11.8
15-19	21.0	21.2	20.8	22.0	22.6	21.5	14.5	14.0	15.0
20-24	34.4	32.3	36.5	35.8	34.1	37.6	26.5	24.3	28.7
25-29	60.0	58.4	61.5	62.7	61.9	63.5	46.5	44.9	48.0
30-34	90.8	86.5	95.0	92.8	89.3	96.4	82.4	79.4	85.0
35-39	132.2	109.9	154.3	134.0	111.9	156.4	121.7	104.7	136.5
40-44	197.5	148.1	245.6	196.1	146.8	245.3	211.3	170.8	246.3
45-49	313.6	236.3	389.4	311.2	230.8	392.0	357.7	313.3	396.3
50-54	479.8	427.5	530.2	476.4	417.0	534.8	568.6	601.7	540.4
55-59	731.0	768.0	696.4	726.1	748.3	704.7	894.4	1151.2	688.1
60-64	1081.2	1286.0	897.4	1091.7	1272.8	924.7	1249.4	1730.5	868.6
65-69	1537.6	2033.2	1126.6	1554.8	2023.0	1161.5	1689.1	2503.0	1064.7
70-74	1957.8	2688.8	1394.0	1974.2	2677.1	1430.8	2131.5	3298.8	1319.4
75-79	2182.2	3042.7	1594.1	2188.9	3019.9	1625.2	2244.4	3400.9	1520.2
80-84	2291.2	3264.6	1743.8	2294.3	3249.2	1771.2	2289.4	3498.7	1650.8
85+	2205.5	3245.0	1795.7	2207.9	3259.4	1811.5	2216.2	3221.1	1780.4

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.  
 8 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	229.0	321.7	168.9
1991	173.4	219.9	142.2	169.7	213.3	140.7	227.7	317.0	169.7
1992	172.1	217.5	141.6	168.5	211.1	140.0	225.0	311.4	169.3
1993	172.0	216.8	141.7	168.4	210.2	140.2	225.9	313.9	169.1
1994	170.7	213.9	141.5	167.4	207.7	140.2	222.0	306.1	167.6
1995	169.1	210.6	140.8	165.8	204.8	139.4	219.9	299.9	168.2
<u>AGE-ADJUSTED RATES, 1991-95</u>									
<u>AGE AT DEATH:</u>									
All ages	171.4	215.7	141.5	167.9	209.4	140.1	224.0	309.5	168.7
Under 65	71.3	78.8	64.6	68.7	74.9	63.1	103.0	127.6	83.8
65 and over	1085.1	1464.4	844.1	1073.3	1436.5	842.6	1328.9	1969.7	944.1
All ages (world std.)N	131.5	161.7	110.3	128.5	156.6	108.9	174.7	236.0	133.6
<u>AGE-SPECIFIC RATES, 1991-95</u>									
<u>AGE AT DEATH:</u>									
0-4	3.0	3.3	2.7	3.0	3.3	2.7	3.0	3.1	2.9
5-9	3.0	3.3	2.7	3.0	3.4	2.7	2.9	3.1	2.8
10-14	2.8	3.2	2.4	2.9	3.3	2.4	2.8	2.9	2.6
15-19	4.1	4.8	3.4	4.1	4.9	3.3	4.2	4.8	3.6
20-24	5.5	6.4	4.5	5.5	6.5	4.4	6.2	6.7	5.7
25-29	8.7	9.0	8.3	8.5	8.9	7.9	10.7	10.6	10.8
30-34	15.5	14.7	16.2	14.8	14.2	15.4	21.2	19.7	22.5
35-39	29.0	25.7	32.2	27.5	24.6	30.4	42.6	37.1	47.4
40-44	55.1	50.7	59.4	51.7	47.0	56.3	87.1	86.6	87.5
45-49	107.4	104.3	110.3	101.4	96.4	106.3	172.2	192.0	155.6
50-54	198.9	209.6	188.8	189.2	194.7	183.9	310.0	380.4	252.6
55-59	336.9	380.3	297.0	324.8	359.8	291.8	491.1	635.4	377.8
60-64	531.2	636.7	438.1	519.4	614.0	434.0	717.0	961.0	532.6
65-69	758.2	949.4	601.5	746.9	924.5	599.4	970.3	1333.9	702.4
70-74	1008.0	1299.0	786.4	993.5	1266.2	783.8	1296.1	1868.3	911.6
75-79	1252.7	1683.5	963.6	1243.9	1656.3	965.2	1472.1	2213.2	1028.4
80-84	1527.0	2199.5	1157.6	1511.8	2164.2	1154.2	1832.1	2910.9	1276.6
85+	1782.7	2776.4	1397.0	1774.9	2760.8	1397.9	1982.1	3235.8	1463.5

\* 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	123.3	145.5	110.0	120.0	140.5	108.1	166.4	214.7	137.1
1991	123.3	145.5	110.0	120.1	140.7	108.0	166.0	212.3	137.7
1992	122.1	144.6	108.5	119.0	140.1	106.5	163.5	208.9	135.9
1993	121.9	144.3	108.2	118.7	139.5	106.1	165.0	211.5	136.7
1994	121.2	143.0	107.7	118.2	138.5	105.8	162.0	206.9	134.3
1995	119.8	141.1	106.6	116.8	136.8	104.6	160.5	202.9	134.8
<u>AGE-ADJUSTED RATES, 1991-95</u>									
<u>AGE AT DEATH:</u>									
All ages	121.6	143.7	108.2	118.6	139.1	106.2	163.3	208.4	135.9
Under 65	49.9	50.6	49.4	47.9	48.1	47.8	72.9	80.7	67.0
65 and over	776.2	993.0	644.6	763.7	970.1	638.9	988.5	1373.7	764.2
All ages (world std.)N	92.8	106.7	84.1	90.2	103.1	82.3	126.3	156.7	107.2
<u>AGE-SPECIFIC RATES, 1991-95</u>									
<u>AGE AT DEATH:</u>									
0-4	3.0	3.2	2.7	3.0	3.3	2.7	2.9	3.1	2.8
5-9	3.0	3.3	2.7	3.0	3.4	2.7	2.9	3.0	2.7
10-14	2.8	3.2	2.4	2.8	3.3	2.4	2.8	2.9	2.6
15-19	4.1	4.8	3.3	4.1	4.8	3.3	4.2	4.7	3.6
20-24	5.4	6.3	4.4	5.4	6.4	4.3	6.1	6.6	5.6
25-29	8.4	8.8	8.1	8.2	8.7	7.7	10.4	10.3	10.6
30-34	14.4	13.6	15.3	13.9	13.2	14.5	19.6	17.7	21.3
35-39	25.6	21.8	29.3	24.3	21.0	27.6	36.8	29.3	43.5
40-44	45.7	39.1	52.1	43.0	36.7	49.3	69.9	61.8	76.9
45-49	81.4	72.3	90.2	77.0	67.4	86.4	127.7	125.9	129.3
50-54	139.2	133.2	144.9	131.8	123.8	139.7	217.2	236.8	201.3
55-59	222.6	229.7	216.0	212.9	216.3	209.7	331.8	384.6	290.3
60-64	342.2	377.9	310.6	331.6	362.3	303.9	479.7	582.0	402.4
65-69	490.9	570.5	425.7	479.9	552.2	419.8	657.3	826.0	532.9
70-74	681.5	824.8	572.3	667.3	799.9	565.4	918.1	1224.9	711.9
75-79	898.2	1141.0	735.2	886.6	1116.7	731.1	1114.2	1567.4	842.8
80-84	1179.4	1605.9	945.2	1162.6	1573.4	937.4	1479.0	2205.9	1104.7
85+	1517.8	2251.6	1233.0	1509.7	2233.3	1233.0	1714.3	2694.2	1309.0

\* 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)

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

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1960-63 <sup>a</sup>	-	-	-	39	-	-	27	-	-
1970-73 <sup>a</sup>	-	-	-	43	-	-	31	-	-
1974-76 <sup>b</sup>	49.4	40.9	56.8	50.3	41.9	57.6	38.9	31.4	46.9
1977-79 <sup>b</sup>	50.0	43.2	56.2	51.0	44.5	56.9	39.2	32.4	46.6
1980-82 <sup>b</sup>	50.9	45.3	56.2	52.1	46.6	57.0	39.7	34.2	45.9
1983-85 <sup>b</sup>	52.9	47.4	58.0	54.3	49.1	59.1	39.9	34.7	45.5
1986-88 <sup>b</sup>	56.0	51.0	60.7	57.5	52.8	61.9	42.6	37.7	47.8
1989-94 <sup>b</sup>	59.9 <b>S</b>	58.1 <b>S</b>	61.7 <b>S</b>	61.5 <b>S</b>	60.0 <b>S</b>	63.1 <b>S</b>	46.9 <b>S</b>	45.1 <b>S</b>	48.8 <b>S</b>
<u>5-YR RELATIVE SURVIVAL RATES, 1989-94<sup>b</sup></u>									
<u>AGE AT DIAGNOSIS:</u>									
<45	67.4	54.6	77.7	69.7	57.2	80.1	50.3	35.7	61.3
45-54	62.3	50.3	71.0	64.5	53.0	72.8	46.0	35.5	55.9
55-64	58.9	56.5	61.6	60.6	58.4	63.1	46.4	45.4	47.5
65-74	60.5	63.2	56.8	61.9	64.7	58.1	48.7	52.7	42.3
75+	54.2	58.7	49.8	55.6	60.3	51.3	42.1	47.2	36.6
Under 65	62.2	54.5	69.2	64.2	56.8	71.0	47.5	40.3	54.7
65 and over	57.9	61.4	53.8	59.3	62.9	55.1	46.3	50.8	40.1

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

Rates are based on End Results data from a series of hospital registries and one population-based registry. Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1995.

**S**  
↑  
↑  
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The difference in rates between 1974-76 and 1989-94 is statistically significant ( $p < .05$ ).  
The standard error of the survival rate is between 5 and 10 percentage points.  
The standard error of the survival rate is greater than 10 percentage points.  
Statistic could not be calculated.

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

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1960-63 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1970-73 <sup>a</sup>	-	-	-	-	-	-	-	-	-
1974-76 <sup>b</sup>	55.2	48.8	59.9	56.2	50.0	60.6	44.6	38.6	49.6
1977-79 <sup>b</sup>	56.2	51.8	59.8	57.3	53.1	60.6	45.3	40.5	49.7
1980-82 <sup>b</sup>	57.6	54.1	60.4	58.8	55.6	61.3	46.1	42.4	49.5
1983-85 <sup>b</sup>	59.8	56.3	62.7	61.3	58.0	63.9	46.5	43.2	49.5
1986-88 <sup>b</sup>	63.2	59.8	66.2	64.8	61.7	67.5	49.3	45.7	52.6
1989-94 <sup>b</sup>	67.2 <b>S</b>	66.6 <b>S</b>	67.7 <b>S</b>	68.9 <b>S</b>	68.5 <b>S</b>	69.2 <b>S</b>	53.9 <b>S</b>	53.7 <b>S</b>	53.9 <b>S</b>
<u>5-YR RELATIVE SURVIVAL RATES, 1989-94<sup>b</sup></u>									
<u>AGE AT DIAGNOSIS:</u>									
<45	69.0	56.4	79.0	71.1	58.7	81.4	52.8	38.3	63.1
45-54	68.9	57.9	76.2	71.0	60.2	78.0	53.7	43.7	61.8
55-64	68.0	66.9	69.2	69.8	68.7	71.0	55.3	56.6	53.4
65-74	69.7	73.6	64.6	71.2	75.1	66.1	57.7	63.2	49.0
75+	60.9	67.2	54.9	62.5	69.1	56.5	47.5	54.4	40.3
Under 65	68.6	61.7	74.5	70.5	63.8	76.4	54.1	48.2	59.4
65 and over	66.1	71.1	60.3	67.6	72.8	61.8	53.9	60.1	45.5

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

Rates are based on End Results data from a series of hospital registries and one population-based registry. Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1995.

**S**

The difference in rates between 1974-76 and 1989-94 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
Incidence																					
SEER	332.7	338.0	337.6	337.7	341.3	345.7	351.9	351.6	357.4	364.5	372.4	374.4	387.5	384.9	387.8	399.5	417.5	426.2	412.5	403.4	392.0
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	169.1
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	162.3	166.1	163.7	162.0	161.9	158.5
Relative Survival Rates (SEER)																					
1-year	69.0	69.7	69.9	70.2	70.3	70.7	71.1	71.5	72.1	72.3	73.0	73.7	74.3	74.5	75.0	75.8	77.4	77.9	77.2	76.6	
2-year	59.7	60.0	60.3	60.5	60.5	61.1	61.8	61.7	62.6	62.7	63.9	64.4	65.5	65.8	66.5	67.6	69.5	70.5	69.8		
3-year	54.9	55.3	55.2	55.5	55.4	55.9	56.7	56.8	57.6	58.0	59.2	59.9	60.9	61.6	62.2	63.4	65.5	66.7			
4-year	51.8	52.1	52.1	52.3	52.1	52.7	53.3	53.7	54.4	54.9	56.0	56.9	58.1	58.9	59.4	60.8	63.0				
5-year	49.5	49.9	49.9	50.1	49.9	50.2	51.2	51.3	52.2	52.5	53.9	54.9	56.1	56.9	57.4	59.0					
6-year	47.6	48.2	48.3	48.4	48.2	48.5	49.5	49.4	50.3	51.0	52.3	53.3	54.5	55.3	55.8						
7-year	46.4	46.9	47.0	46.9	46.7	47.2	47.9	48.0	48.8	49.7	51.0	52.0	53.0	53.8							
8-year	45.5	45.9	45.8	45.8	45.8	46.0	46.9	47.0	47.5	48.7	50.0	51.0	51.9								
9-year	44.7	45.0	44.9	44.9	44.9	45.1	45.9	46.3	46.7	47.6	49.0	50.0									
10-year	43.9	44.3	44.3	44.1	44.1	44.3	45.1	45.8	46.0	46.7	48.1										
11-year	43.3	43.7	43.6	43.4	43.5	43.7	44.6	45.1	45.2	45.9											
12-year	42.9	43.2	43.1	43.0	43.0	43.2	44.1	44.4	44.7												
13-year	42.6	42.9	42.8	42.8	42.6	42.8	43.6	44.0													
14-year	42.4	42.7	42.5	42.5	42.2	42.5	43.2														
15-year	42.1	42.4	42.2	42.1	41.8	42.3															
16-year	41.9	42.2	42.0	41.8	41.5																
17-year	41.8	42.1	41.8	41.5																	
18-year	41.8	42.0	41.6																		
19-year	41.8	42.0																			
20-year	41.7																				

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

Table II-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
Incidence																					
SEER	378.7	389.9	393.7	395.7	401.6	409.2	414.1	413.6	421.8	425.8	431.3	436.7	455.6	451.9	459.5	479.4	516.5	536.8	510.4	482.4	460.1
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	210.6
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	203.0	205.0	204.2	200.5	201.0	193.5
Relative Survival Rates (SEER)																					
1-year	62.8	63.8	64.8	64.8	65.7	66.4	67.1	67.6	68.4	68.1	69.1	70.0	71.2	71.4	72.2	73.9	76.5	77.6	76.5	75.7	
2-year	52.4	52.8	54.1	54.1	55.2	55.9	57.0	56.9	58.0	57.5	59.0	59.7	61.5	61.9	63.2	64.9	68.4	70.1	69.1		
3-year	47.0	47.8	48.7	48.7	49.6	50.5	51.7	51.9	52.8	52.4	54.0	54.8	56.6	57.2	58.5	60.7	64.6	66.7			
4-year	43.7	44.5	45.3	45.3	46.1	47.0	48.2	48.3	49.4	49.1	50.6	51.6	53.6	54.1	55.4	58.0	62.1				
5-year	40.9	42.0	42.9	43.0	43.8	44.3	45.7	45.7	47.1	46.7	48.3	49.5	51.5	52.0	53.2	56.1					
6-year	38.8	40.1	41.1	41.2	42.0	42.5	44.0	43.7	45.2	44.9	46.7	47.7	49.9	50.2	51.6						
7-year	37.4	38.7	39.7	39.5	40.4	41.0	42.3	42.1	43.6	43.7	45.3	46.3	48.1	48.5							
8-year	36.1	37.4	38.3	38.4	39.2	39.8	41.2	41.1	42.2	42.5	44.2	45.2	46.7								
9-year	35.0	36.3	37.1	37.3	38.3	38.7	40.2	40.2	41.2	41.4	43.1	44.0									
10-year	33.9	35.3	36.4	36.1	37.4	37.8	39.3	39.6	40.5	40.6	42.1										
11-year	33.3	34.4	35.3	35.3	36.5	37.2	38.4	39.1	39.7	39.7											
12-year	32.6	33.9	34.8	34.8	35.8	36.7	37.7	38.4	39.2												
13-year	32.2	33.3	34.4	34.4	35.2	36.4	37.4	37.8													
14-year	31.8	32.9	33.9	34.1	34.6	36.0	36.8														
15-year	31.5	32.6	33.5	33.5	34.2	35.7															
16-year	31.1	32.1	33.1	33.1	33.8																
17-year	30.9	31.8	33.0	32.7																	
18-year	30.7	31.5	32.6																		
19-year	30.7	31.5																			
20-year	30.6																				

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

Table II-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
Incidence																					
SEER	307.6	308.4	304.5	303.3	305.3	307.1	314.3	314.6	318.3	328.0	337.2	336.6	345.7	343.8	342.2	348.4	351.6	350.0	343.7	348.0	344.3
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
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	140.7	136.3	136.2	135.3	135.0
Relative Survival Rates (SEER)																					
1-year	74.9	75.5	74.9	75.6	74.9	75.1	75.2	75.5	75.8	76.4	76.9	77.4	77.5	77.6	77.9	77.9	78.5	78.3	78.0	77.7	
2-year	66.6	66.8	66.4	66.8	65.8	66.2	66.5	66.5	67.1	67.8	68.7	69.1	69.5	69.8	70.0	70.3	70.7	70.9	70.6		
3-year	62.1	62.2	61.5	62.1	60.9	61.2	61.6	61.5	62.3	63.4	64.1	64.8	65.1	65.9	65.9	66.3	66.5	66.8			
4-year	59.0	59.1	58.4	59.0	57.8	58.1	58.3	58.7	59.3	60.3	61.1	62.1	62.6	63.6	63.3	63.7	64.0				
5-year	57.0	56.9	56.3	56.7	55.5	55.8	56.2	56.5	57.0	58.0	59.0	59.9	60.5	61.6	61.5	62.0					
6-year	55.2	55.3	54.7	54.9	53.9	54.1	54.6	54.7	55.0	56.5	57.4	58.5	58.8	60.1	59.9						
7-year	54.0	54.0	53.4	53.5	52.5	52.8	53.0	53.3	53.5	55.2	56.1	57.2	57.5	58.8							
8-year	53.1	53.0	52.3	52.3	51.5	51.6	51.9	52.2	52.3	54.1	55.1	56.2	56.6								
9-year	52.4	52.1	51.5	51.4	50.6	50.6	50.9	51.5	51.5	53.0	54.0	55.4									
10-year	51.6	51.6	50.8	50.8	49.8	49.8	50.0	50.9	50.7	51.9	53.1										
11-year	51.0	50.9	50.2	50.1	49.3	49.1	49.6	50.1	49.9	51.1											
12-year	50.6	50.3	49.6	49.6	48.8	48.6	49.2	49.4	49.3												
13-year	50.2	50.1	49.3	49.3	48.4	48.0	48.6	48.9													
14-year	49.9	49.8	48.9	48.9	48.0	47.6	48.1														
15-year	49.5	49.5	48.6	48.5	47.5	47.3															
16-year	49.1	49.2	48.3	48.2	47.3																
17-year	48.9	49.2	48.1	47.7																	
18-year	48.9	48.9	47.7																		
19-year	48.7	48.7																			
20-year	48.4																				

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

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

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	287.4	290.1	288.6	287.5	290.4	293.4	298.0	296.8	302.5	307.7	316.2	317.5	329.0	326.2	329.8	340.8	357.9	366.4	354.5	346.2	336.1
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	123.3	123.3	122.1	121.9	121.2	119.8
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	118.1	120.3	118.8	117.5	117.5	114.8
Relative Survival Rates (SEER)																					
1-year	74.5	75.2	75.4	75.7	76.0	76.3	77.1	77.3	77.9	78.2	78.8	79.4	80.2	80.3	80.7	81.6	83.0	83.5	82.8	82.3	
2-year	65.9	66.3	66.8	67.1	67.1	67.8	68.8	68.7	69.5	70.0	71.0	71.5	72.8	73.1	73.7	74.7	76.5	77.5	76.8		
3-year	61.1	61.5	61.7	62.1	62.0	62.7	63.9	63.8	64.6	65.2	66.3	67.1	68.3	69.0	69.6	70.8	72.7	74.1			
4-year	57.8	58.2	58.4	58.8	58.6	59.3	60.2	60.6	61.4	62.0	63.1	64.2	65.5	66.3	66.7	68.2	70.3				
5-year	55.4	55.9	56.1	56.4	56.2	56.7	57.9	58.1	58.9	59.6	60.8	62.0	63.4	64.3	64.6	66.4					
6-year	53.4	54.1	54.3	54.6	54.4	54.9	56.2	56.1	56.9	57.9	59.1	60.3	61.6	62.6	62.9						
7-year	52.1	52.7	52.9	53.0	52.8	53.4	54.5	54.5	55.3	56.6	57.7	58.9	60.0	61.0							
8-year	51.0	51.6	51.7	51.8	51.8	52.2	53.3	53.4	54.0	55.4	56.7	57.9	58.8								
9-year	50.1	50.6	50.7	50.8	50.9	51.2	52.3	52.7	53.1	54.3	55.5	56.8									
10-year	49.2	49.9	49.9	49.9	50.0	50.4	51.4	52.1	52.3	53.3	54.6										
11-year	48.6	49.2	49.2	49.2	49.3	49.7	50.8	51.4	51.4	52.4											
12-year	48.2	48.6	48.6	48.7	48.8	49.2	50.2	50.7	50.9												
13-year	47.8	48.3	48.4	48.5	48.3	48.8	49.8	50.2													
14-year	47.6	48.1	47.9	48.1	47.8	48.5	49.2														
15-year	47.2	47.8	47.6	47.7	47.4	48.1															
16-year	46.9	47.5	47.3	47.3	47.1																
17-year	46.8	47.4	47.1	46.9																	
18-year	46.8	47.2	46.8																		
19-year	46.8	47.2																			
20-year	46.6																				

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

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

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	302.6	310.5	313.0	313.8	320.1	324.8	329.7	328.5	337.7	339.3	347.5	353.1	370.4	368.5	377.3	397.7	434.6	454.9	431.5	406.8	386.7
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	145.5	144.6	144.3	143.0	141.1
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	139.1	140.5	141.0	138.4	139.5	134.7
Relative Survival Rates (SEER)																					
1-year	70.6	71.5	72.7	72.4	73.7	74.2	75.3	75.5	76.1	76.0	76.9	77.2	78.5	78.6	79.3	80.9	83.2	84.1	83.0	82.3	
2-year	61.1	61.5	63.1	63.1	64.3	65.2	66.7	66.2	67.2	66.9	68.3	68.7	70.5	70.6	71.8	73.5	76.7	78.1	77.2		
3-year	55.7	56.4	57.6	57.7	58.6	59.6	61.4	61.2	62.1	61.7	63.4	63.8	65.7	66.0	67.3	69.5	73.1	75.1			
4-year	52.1	52.8	54.1	54.1	54.8	56.0	57.5	57.4	58.5	58.3	59.8	60.5	62.5	62.9	64.1	66.7	70.7				
5-year	49.0	50.1	51.3	51.6	52.3	53.0	54.8	54.5	55.9	55.6	57.3	58.3	60.3	60.7	61.7	64.8					
6-year	46.6	48.0	49.3	49.6	50.3	50.9	52.9	52.3	53.8	53.7	55.6	56.3	58.5	58.8	59.8						
7-year	45.1	46.5	47.7	47.7	48.4	49.3	51.0	50.5	52.0	52.4	53.9	54.8	56.6	56.9							
8-year	43.5	45.0	46.1	46.4	47.1	48.0	49.8	49.4	50.5	51.1	52.7	53.6	55.0								
9-year	42.2	43.7	44.8	45.2	46.2	46.8	48.7	48.4	49.5	49.8	51.5	52.2									
10-year	40.9	42.6	43.9	43.9	45.2	45.9	47.7	47.8	48.6	48.9	50.4										
11-year	40.2	41.6	42.8	42.9	44.2	45.2	46.7	47.1	47.7	47.8											
12-year	39.4	41.0	42.2	42.4	43.4	44.6	45.9	46.4	47.2												
13-year	39.1	40.3	41.8	41.9	42.6	44.3	45.6	45.7													
14-year	38.6	39.9	41.1	41.5	41.8	43.9	44.9														
15-year	38.3	39.6	40.7	40.9	41.5	43.5															
16-year	37.8	39.0	40.3	40.3	40.9																
17-year	37.5	38.6	40.0	39.8																	
18-year	37.3	38.3	39.5																		
19-year	37.3	38.3																			
20-year	37.0																				

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-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
Incidence																					
SEER	286.1	284.5	279.7	277.2	277.6	279.0	283.4	282.2	285.0	293.3	301.9	299.6	307.1	303.4	302.2	306.9	308.4	306.8	301.3	304.6	301.7
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
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	108.4	105.0	104.7	103.5	102.6
Relative Survival Rates (SEER)																					
1-year	77.7	78.2	77.7	78.4	78.0	78.2	78.6	79.0	79.4	80.2	80.5	81.3	81.7	81.9	82.1	82.3	82.9	82.8	82.5	82.4	
2-year	69.7	70.2	69.8	70.4	69.6	70.2	70.7	70.9	71.6	72.7	73.3	74.0	74.9	75.3	75.5	75.9	76.4	76.7	76.3		
3-year	65.3	65.6	65.1	65.7	64.8	65.3	65.9	66.0	66.8	68.2	68.8	70.0	70.7	71.8	71.7	72.1	72.3	72.9			
4-year	62.2	62.5	61.9	62.6	61.7	62.2	62.5	63.2	63.8	65.2	65.8	67.3	68.1	69.4	69.2	69.6	69.9				
5-year	60.1	60.3	59.8	60.2	59.3	59.8	60.5	61.0	61.5	62.8	63.7	65.2	66.0	67.4	67.2	67.9					
6-year	58.3	58.6	58.2	58.4	57.6	58.0	58.8	59.1	59.5	61.3	62.1	63.7	64.3	65.9	65.7						
7-year	57.0	57.2	56.8	57.1	56.2	56.7	57.3	57.6	58.0	59.9	60.8	62.3	63.0	64.5							
8-year	56.2	56.3	55.8	55.9	55.3	55.5	56.1	56.6	56.8	58.9	59.8	61.4	62.0								
9-year	55.5	55.4	54.9	54.9	54.4	54.5	55.1	55.9	56.0	57.8	58.6	60.5									
10-year	54.7	54.9	54.2	54.3	53.6	53.7	54.2	55.3	55.2	56.6	57.7										
11-year	54.0	54.2	53.6	53.6	53.0	53.0	53.8	54.5	54.2	55.8											
12-year	53.6	53.7	53.0	53.1	52.6	52.4	53.4	53.8	53.6												
13-year	53.2	53.4	52.7	52.9	52.2	51.9	52.7	53.3													
14-year	52.9	53.2	52.3	52.4	51.8	51.6	52.2														
15-year	52.5	52.8	52.0	52.0	51.3	51.3															
16-year	52.1	52.6	51.7	51.8	51.1																
17-year	52.0	52.5	51.4	51.2																	
18-year	51.9	52.2	51.2																		
19-year	51.8	52.1																			
20-year	51.5																				

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

Table II-15

## ALL SITES (Invasive)

## AGE-SPECIFIC CANCER SEER INCIDENCE RATES§ AND 23-YEAR TRENDS, 1973-95

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	94-95	73-95	73-95	1973-74	94-95	73-95	73-95	1973-74	94-95	73-95	73-95
Males & Females	326.4	397.7	21.8	1.2★	326.8	398.0	21.8	1.2★	351.6	451.1	28.3	1.4★
0-54:	99.7	108.9	9.2	0.6★	98.7	108.1	9.5	0.6★	111.6	124.5	11.5	0.6★
0-14	12.8	13.6	5.8	0.7★	13.3	13.9	4.7	0.6★	10.3	12.1	16.6	1.3★
15-34	36.9	47.0	27.3	1.3★	36.9	48.3	30.9	1.5★	35.9	40.1	11.8	0.7★
35-44	160.7	170.8	6.3	0.7★	157.7	169.0	7.2	0.8★	181.7	181.2	-0.3	0.3
45-54	418.8	446.0	6.5	0.4★	413.7	437.4	5.7	0.4★	491.1	567.4	15.5	0.6★
55-64	872.6	1061.5	21.6	1.0★	877.8	1061.7	21.0	1.0★	945.7	1316.9	39.3	1.6★
65+:	1679.8	2150.9	28.0	1.5★	1687.3	2160.8	28.1	1.5★	1769.1	2328.2	31.6	1.6★
65-74	1469.8	1987.3	35.2	1.8★	1475.0	1998.5	35.5	1.8★	1612.3	2252.2	39.7	2.0★
75+	2022.1	2417.5	19.6	1.2★	2033.4	2425.3	19.3	1.2★	2024.6	2452.1	21.1	1.2★
Males	368.8	471.3	27.8	1.5★	369.0	463.7	25.7	1.4★	434.2	610.6	40.6	1.8★
0-54:	78.6	94.8	20.6	1.1★	76.9	92.6	20.4	1.2★	103.3	126.9	22.9	1.0★
0-14	14.2	14.7	3.6	0.7★	14.7	14.9	1.4	0.6★	10.3	12.5	20.9	1.6★
15-34	31.1	44.4	42.8	2.2★	31.9	46.0	44.2	2.3★	24.5	39.6	61.5	2.8★
35-44	103.5	134.7	30.1	1.8★	101.0	131.8	30.5	2.0★	135.4	160.4	18.5	1.1★
45-54	337.8	385.9	14.2	0.6★	325.3	368.9	13.4	0.6★	508.1	606.1	19.3	0.7★
55-64	898.0	1206.3	34.3	1.5★	892.9	1174.3	31.5	1.4★	1194.9	1837.5	53.8	1.9★
65+:	2258.8	2877.8	27.4	1.6★	2278.9	2848.3	25.0	1.5★	2442.9	3440.3	40.8	2.0★
65-74	1867.7	2614.1	40.0	2.0★	1879.6	2577.1	37.1	1.9★	2170.4	3354.1	54.5	2.4★
75+	2896.2	3307.5	14.2	1.1★	2929.7	3290.2	12.3	1.1★	2887.1	3580.8	24.0	1.5★
Females	302.7	346.2	14.4	0.8★	304.9	353.2	15.9	0.9★	286.7	337.7	17.8	1.0★
0-54:	120.0	122.7	2.3	0.3★	119.8	123.5	3.1	0.3★	118.7	122.4	3.1	0.2
0-14	11.4	12.4	8.6	0.7★	11.8	12.9	8.9	0.7★	10.4	11.6	12.1	0.9★
15-34	42.7	49.7	16.3	0.6★	42.0	50.8	20.9	0.8★	45.9	40.6	-11.6	-0.5
35-44	216.1	206.2	-4.6	0.1	213.6	206.5	-3.3	0.2	221.9	199.3	-10.2	-0.3
45-54	495.8	504.5	1.8	0.2	498.1	505.8	1.5	0.2	475.2	534.5	12.5	0.5★
55-64	849.7	929.9	9.4	0.5★	864.8	956.7	10.6	0.6★	720.4	903.0	25.4	1.3★
65+:	1294.3	1637.9	26.5	1.3★	1303.6	1678.4	28.8	1.4★	1263.1	1580.4	25.1	1.4★
65-74	1161.5	1483.2	27.7	1.4★	1170.4	1528.2	30.6	1.5★	1137.9	1444.4	26.9	1.6★
75+	1510.8	1890.2	25.1	1.2★	1520.6	1923.3	26.5	1.3★	1467.0	1802.1	22.8	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 23-YEAR TRENDS, 1973-95

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average	Rate <sup>⊕</sup>	% Change	EAPC	Average	Rate <sup>⊕</sup>	% Change	EAPC	Average	Rate <sup>⊕</sup>	% Change	EAPC
	1973-74	94-95	73-95	73-95	1973-74	94-95	73-95	73-95	1973-74	94-95	73-95	73-95
Males & Females	162.6	169.9	4.5	0.3★	159.9	166.6	4.2	0.3★	196.8	221.0	12.3	0.7★
0-54:	39.0	30.3	-22.2	-1.1★	37.3	28.9	-22.6	-1.2★	56.9	45.7	-19.7	-0.9★
0-14	5.4	2.8	-48.1	-3.0★	5.5	2.8	-49.9	-3.0★	4.8	3.0	-38.3	-2.5★
15-34	10.4	7.5	-28.0	-1.5★	10.3	7.3	-29.4	-1.6★	11.5	9.2	-19.6	-0.8★
35-44	56.0	41.4	-26.0	-1.3★	53.2	39.0	-26.6	-1.3★	83.0	63.2	-23.9	-1.1★
45-54	180.3	147.4	-18.2	-0.9★	171.1	140.1	-18.1	-1.0★	278.7	229.3	-17.7	-0.8★
55-64	425.7	417.5	-1.9	0.0	414.3	405.9	-2.0	0.0	564.8	582.5	3.1	0.3★
65+:	932.3	1085.1	16.4	0.8★	928.9	1074.4	15.7	0.7★	1003.3	1323.9	31.9	1.5★
65-74	764.9	864.4	13.0	0.7★	754.5	852.9	13.0	0.6★	911.3	1103.1	21.0	1.1★
75+	1205.1	1445.0	19.9	0.9★	1213.3	1435.4	18.3	0.8★	1153.3	1683.7	46.0	1.8★
Males	206.6	212.2	2.7	0.2★	202.7	206.2	1.7	0.1★	259.2	303.0	16.9	0.9★
0-54:	39.3	30.5	-22.5	-1.2★	37.3	28.7	-23.2	-1.2★	62.4	51.0	-18.3	-0.9★
0-14	6.0	3.1	-48.5	-3.1★	6.2	3.1	-49.7	-3.1★	5.2	3.1	-41.6	-2.7★
15-34	11.2	8.0	-28.5	-1.6★	11.3	7.9	-30.3	-1.7★	10.9	9.4	-13.8	-0.6★
35-44	50.1	37.6	-24.8	-1.3★	47.5	35.2	-25.9	-1.3★	76.9	60.4	-21.5	-1.3★
45-54	185.0	150.2	-18.8	-1.0★	172.3	139.8	-18.9	-1.0★	324.6	269.6	-17.0	-0.8★
55-64	510.9	485.5	-5.0	-0.1	492.5	464.8	-5.6	-0.1	738.6	764.4	3.5	0.2
65+:	1296.1	1449.3	11.8	0.6★	1290.6	1423.0	10.3	0.5★	1428.3	1941.8	36.0	1.6★
65-74	1033.7	1089.1	5.4	0.3★	1018.6	1062.1	4.3	0.2★	1251.9	1539.2	23.0	1.2★
75+	1723.7	2036.3	18.1	0.8★	1733.9	2011.0	16.0	0.7★	1715.8	2598.0	51.4	2.2★
Females	131.5	141.1	7.3	0.4★	130.1	139.8	7.5	0.4★	149.8	167.9	12.0	0.7★
0-54:	38.7	30.2	-21.9	-1.1★	37.4	29.1	-22.0	-1.1★	52.1	41.2	-20.9	-0.9★
0-14	4.7	2.5	-47.7	-2.8★	4.8	2.4	-50.2	-2.9★	4.4	2.9	-34.3	-2.3★
15-34	9.6	7.0	-27.5	-1.4★	9.4	6.7	-28.6	-1.5★	11.9	9.0	-24.1	-0.9★
35-44	61.7	45.2	-26.8	-1.3★	58.7	42.9	-26.9	-1.4★	88.1	65.7	-25.5	-1.0★
45-54	175.9	144.8	-17.7	-0.9★	170.1	140.5	-17.4	-0.9★	240.0	196.4	-18.2	-0.8★
55-64	350.7	356.4	1.6	0.2★	345.2	351.9	1.9	0.2★	420.6	443.3	5.4	0.5★
65+:	690.3	851.6	23.4	1.1★	691.1	850.9	23.1	1.1★	700.3	951.3	35.9	1.6★
65-74	559.7	685.8	22.5	1.1★	554.0	684.5	23.6	1.1★	647.3	795.9	23.0	1.3★
75+	903.3	1121.8	24.2	1.0★	914.5	1122.0	22.7	1.0★	786.7	1204.8	53.1	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.

⊕ 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 23-YEAR TRENDS, 1973-95

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	94-95	73-95	73-95	1973-74	94-95	73-95	73-95	1973-74	94-95	73-95	73-95
Males & Females	283.2	341.2	20.5	1.2★	284.4	341.4	20.1	1.2★	292.7	376.5	28.6	1.4★
0-54:	89.2	100.4	12.5	0.8★	88.8	100.1	12.7	0.8★	93.4	108.7	16.4	0.8★
0-14	12.8	13.6	6.1	0.7★	13.2	13.9	4.9	0.6★	10.2	12.1	17.8	1.3★
15-34	36.3	46.5	28.2	1.4★	36.3	47.8	31.7	1.5★	35.1	39.5	12.7	0.7★
35-44	146.9	162.2	10.4	1.0★	144.6	161.7	11.8	1.1★	160.4	161.6	0.8	0.5★
45-54	360.2	395.2	9.7	0.6★	358.0	389.5	8.8	0.6★	386.0	477.2	23.6	0.9★
55-64	727.4	894.6	23.0	1.1★	734.6	895.0	21.8	1.1★	740.7	1068.8	44.3	1.7★
65+:	1462.8	1803.5	23.3	1.4★	1471.1	1808.0	22.9	1.4★	1511.8	1931.4	27.8	1.5★
65-74	1242.7	1646.9	32.5	1.7★	1248.1	1652.3	32.4	1.7★	1329.0	1846.3	38.9	1.9★
75+	1821.5	2058.7	13.0	1.0★	1834.6	2061.8	12.4	0.9★	1809.6	2070.1	14.4	1.0★
Males	295.0	396.8	34.5	1.8★	295.7	390.7	32.1	1.8★	330.8	496.6	50.1	2.1★
0-54:	64.0	85.1	32.9	1.7★	63.2	83.9	32.6	1.7★	75.4	106.3	41.0	1.7★
0-14	14.2	14.7	3.7	0.7★	14.7	14.9	1.4	0.6★	10.3	12.5	20.9	1.7★
15-34	30.3	43.8	44.3	2.3★	31.2	45.4	45.4	2.3★	23.0	38.8	68.6	3.0★
35-44	86.2	125.2	45.2	2.4★	84.8	124.3	46.5	2.6★	105.3	134.4	27.6	1.9★
45-54	253.7	327.9	29.2	1.3★	246.2	315.7	28.3	1.3★	344.0	487.8	41.8	1.4★
55-64	670.1	1003.3	49.7	2.0★	668.9	979.1	46.4	2.0★	841.9	1471.3	74.8	2.4★
65+:	1841.6	2391.1	29.8	1.7★	1856.7	2361.7	27.2	1.7★	1951.8	2794.1	43.2	2.1★
65-74	1452.7	2161.3	48.8	2.4★	1458.9	2129.0	45.9	2.3★	1640.6	2708.1	65.1	2.7★
75+	2475.5	2765.6	11.7	1.1★	2505.0	2740.9	9.4	1.0★	2459.0	2934.4	19.3	1.4★
Females	283.6	303.2	6.9	0.5★	286.1	308.9	8.0	0.5★	265.4	291.7	9.9	0.6★
0-54:	113.4	115.3	1.7	0.3★	113.5	116.3	2.5	0.3★	109.4	110.9	1.4	0.2
0-14	11.3	12.4	9.3	0.7★	11.8	12.9	9.4	0.7★	10.1	11.6	14.6	0.9★
15-34	42.2	49.3	16.9	0.7★	41.4	50.3	21.5	0.8★	45.7	40.2	-12.1	-0.6
35-44	205.7	198.5	-3.5	0.2	203.6	199.4	-2.1	0.3★	208.3	185.3	-11.0	-0.2
45-54	461.3	460.7	-0.1	0.1	464.9	463.0	-0.4	0.1	423.7	468.2	10.5	0.5★
55-64	781.1	796.0	1.9	0.2	795.6	816.8	2.7	0.2	649.7	748.7	15.3	0.8★
65+:	1218.7	1387.6	13.9	0.8★	1229.3	1417.9	15.3	0.9★	1189.0	1350.7	13.6	0.8★
65-74	1081.8	1233.2	14.0	0.9★	1091.2	1264.8	15.9	1.0★	1065.3	1214.7	14.0	1.0★
75+	1441.9	1639.3	13.7	0.8★	1454.4	1667.5	14.7	0.8★	1390.6	1572.4	13.1	0.7★

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

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

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

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

- Statistic could not be calculated.

Table II-18

## ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

## AGE-SPECIFIC CANCER U.S. MORTALITY RATES\* AND 23-YEAR TRENDS, 1973-95

By Race, Sex and Age Group

Sex/Age	All Races				Whites				Blacks			
	Average	Rate <sup>⊕</sup>	% Change	EAPC	Average	Rate <sup>⊕</sup>	% Change	EAPC	Average	Rate <sup>⊕</sup>	% Change	EAPC
	1973-74	94-95	73-95	73-95	1973-74	94-95	73-95	73-95	1973-74	94-95	73-95	73-95
Males & Females	127.2	120.5	-5.3	-0.2★	125.0	117.5	-6.0	-0.2★	155.1	161.3	4.0	0.3★
0-54:	30.7	23.7	-22.6	-1.1★	29.5	22.6	-23.4	-1.2★	43.2	35.1	-18.7	-0.8★
0-14	5.4	2.8	-48.2	-3.0★	5.5	2.8	-50.0	-3.0★	4.8	2.9	-38.4	-2.5★
15-34	10.0	7.2	-28.0	-1.5★	10.0	7.0	-29.6	-1.6★	11.0	8.9	-19.0	-0.8★
35-44	45.3	35.1	-22.5	-1.0★	43.2	33.2	-23.0	-1.0★	65.8	52.2	-20.7	-0.9★
45-54	133.0	107.6	-19.1	-1.0★	126.7	102.1	-19.5	-1.0★	200.3	166.7	-16.8	-0.8★
55-64	306.7	273.3	-10.9	-0.5★	297.4	263.4	-11.4	-0.5★	415.6	393.4	-5.3	-0.2★
65+:	752.4	772.3	2.7	0.2★	747.7	760.7	1.7	0.1★	831.8	980.6	17.9	0.9★
65-74	580.4	569.6	-1.9	0.0	569.0	557.9	-2.0	0.0	726.8	761.5	4.8	0.4★
75+	1032.7	1102.9	6.8	0.3★	1038.9	1091.1	5.0	0.2★	1002.9	1337.6	33.4	1.4★
Males	143.3	142.0	-0.9	0.0	140.3	137.7	-1.9	0.0	182.3	204.9	12.4	0.7★
0-54:	26.9	22.3	-17.1	-0.9★	25.8	21.1	-18.2	-0.9★	39.4	35.2	-10.7	-0.6★
0-14	6.0	3.1	-48.6	-3.1★	6.2	3.1	-49.8	-3.1★	5.2	3.0	-41.8	-2.7★
15-34	10.7	7.7	-28.4	-1.6★	10.9	7.6	-30.3	-1.7★	10.1	9.0	-11.3	-0.6★
35-44	35.1	30.1	-14.2	-0.6★	33.7	28.5	-15.4	-0.6★	49.7	44.7	-10.1	-0.6★
45-54	113.0	100.5	-11.0	-0.6★	105.8	93.9	-11.2	-0.6★	190.8	174.1	-8.7	-0.4★
55-64	312.2	294.2	-5.7	-0.2★	299.1	280.1	-6.3	-0.2★	465.6	467.4	0.4	0.1
65+:	941.7	983.1	4.4	0.3★	932.4	961.4	3.1	0.2★	1091.8	1353.3	23.9	1.2★
65-74	683.2	673.6	-1.4	0.0	665.9	652.9	-2.0	0.0	896.1	986.0	10.0	0.6★
75+	1362.9	1487.5	9.1	0.5★	1366.6	1464.3	7.1	0.4★	1410.8	1952.0	38.4	1.7★
Females	117.8	107.1	-9.0	-0.4★	116.3	105.2	-9.5	-0.4★	135.9	134.5	-1.0	0.1★
0-54:	34.2	25.1	-26.6	-1.4★	33.0	24.1	-27.1	-1.4★	46.3	35.1	-24.1	-1.1★
0-14	4.7	2.4	-47.8	-2.8★	4.8	2.4	-50.3	-2.9★	4.4	2.9	-34.4	-2.3★
15-34	9.3	6.7	-27.9	-1.4★	9.1	6.5	-29.0	-1.5★	11.6	8.8	-24.7	-0.9★
35-44	55.2	40.1	-27.2	-1.3★	52.4	38.0	-27.5	-1.3★	79.2	58.7	-25.9	-1.0★
45-54	151.6	114.4	-24.5	-1.3★	146.4	110.0	-24.8	-1.3★	208.3	160.7	-22.9	-1.1★
55-64	302.1	254.7	-15.7	-0.8★	296.2	248.1	-16.2	-0.8★	374.3	336.9	-10.0	-0.4★
65+:	632.2	643.3	1.8	0.1★	632.2	638.2	0.9	0.1★	650.1	762.4	17.3	0.9★
65-74	502.5	487.1	-3.1	-0.1★	496.1	481.8	-2.9	-0.1★	595.7	603.9	1.4	0.4★
75+	843.5	897.7	6.4	0.3★	854.0	893.1	4.6	0.2★	738.7	1020.6	38.2	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<sup>⊕</sup> BY SITE AND SEX

All Cancers Diagnosed Between 1973-95, All Deaths Occurred Between 1983-95

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	16,349	488	2.98	6,718	2	0.03
Digestive system	96,465	206	0.21	84,041	8	0.01
Respiratory system	106,269	182	0.17	56,380	10	0.02
Bone & Joint	751	2	0.27	488	0	0.00
Soft tissue (incl heart)	2,085	61	2.93	1,575	2	0.13
Skin (ex basal & squamous)	14,803	5,677	38.35	4,640	28	0.60
Breast	689	1	0.15	80,956	12	0.01
Female genital system	-	-	-	43,506	21	0.05
Cervix uteri	-	-	-	7,464	12	0.16
Corpus & Uterus, NOS	-	-	-	17,587	4	0.02
Ovary	-	-	-	15,456	2	0.01
Vagina	-	-	-	649	0	0.00
Vulva	-	-	-	1,723	3	0.17
Male genital system	85,189	115	0.13	-	-	-
Prostate	83,266	26	0.03	-	-	-
Testis	1,059	36	3.40	-	-	-
Penis	684	42	6.14	-	-	-
Urinary system	33,398	21	0.06	14,038	0	0.00
Eye & Orbit	644	2	0.31	518	0	0.00
Brain & Other nervous	8,009	9	0.11	6,234	0	0.00
Endocrine system	1,626	6	0.37	2,177	1	0.05
Lymphomas	18,633	2,041	10.95	14,127	88	0.62
Non-Hodgkin's lymphomas	16,463	1,971	11.97	12,846	82	0.64
Multiple myeloma	6,227	10	0.16	5,827	0	0.00
Leukemias	14,512	18	0.12	10,982	3	0.03
Miscellaneous	14,522	63	0.43	15,501	6	0.04
All Sites	420,171	8,902	2.12	347,708	181	0.05

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

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

Table II-20

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

All Cancers Diagnosed Between 1973-95, All Deaths Occurred Between 1983-95

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	463	201	43.41	1,383	408	29.50	3,983	474	11.90
Digestive system	917	67	7.31	3,687	138	3.74	11,588	182	1.57
Respiratory system	427	61	14.29	2,907	138	4.75	13,710	172	1.25
Bone & Joint	336	1	0.30	392	1	0.26	453	2	0.44
Soft tissue (incl heart)	381	25	6.56	587	47	8.01	815	58	7.12
Skin (ex basal & squamous)	3,305	2,074	62.75	7,366	4,698	63.78	9,369	5,486	58.55
Breast	4	1	25.00	32	1	3.13	92	1	1.09
Male genital system	524	34	6.49	863	76	8.81	2,365	90	3.81
Prostate	15	0	0.00	93	1	1.08	1,381	3	0.22
Testis	483	22	4.55	686	33	4.81	826	35	4.24
Penis	17	9	52.94	66	34	51.52	130	42	32.31
Urinary system	196	1	0.51	767	9	1.17	3,176	16	0.50
Eye & Orbit	35	0	0.00	68	1	1.47	152	2	1.32
Brain & Other nervous	1,304	5	0.38	2,150	8	0.37	3,348	8	0.24
Endocrine system	213	3	1.41	350	6	1.71	584	6	1.03
Lymphomas	2,253	635	28.18	4,464	1,481	33.18	6,819	1,901	27.88
Non-Hodgkin's lymphomas	1,529	600	39.24	3,461	1,423	41.12	5,521	1,833	33.20
Multiple myeloma	28	0	0.00	227	5	2.20	766	6	0.78
Leukemias	1,569	6	0.38	2,324	14	0.60	3,566	15	0.42
Miscellaneous	238	24	10.08	762	44	5.77	1,995	54	2.71
All Sites	12,193	3,138	25.74	28,329	7,075	24.97	62,781	8,473	13.50

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

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

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

	<u>ALL SITES (Invasive)</u>								
	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>AGES &lt;35</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 <sup>b</sup>	67.9	60.8	73.5	68.7	61.8	74.4	61.2	52.3	66.7
1977-79 <sup>b</sup>	71.3	65.2	76.2	72.2	66.7	76.8	64.3	49.7	71.7
1980-82 <sup>b</sup>	73.2	69.4	76.4	74.5	71.0	77.4	63.5	56.0	68.3
1983-85 <sup>b</sup>	71.8	65.7	77.4	73.2	67.2	78.9	59.2	50.8	65.1
1986-88 <sup>b</sup>	71.4	62.8	79.9	72.9	64.5	81.4	58.3	47.6	66.4
1989-94 <sup>b</sup>	<b>70.5S</b>	61.5	<b>79.8S</b>	<b>72.6S</b>	<b>63.8S</b>	<b>82.0S</b>	<b>54.2S</b>	<b>41.3S</b>	65.4
<u>AGES &lt;45</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 <sup>b</sup>	65.9	57.2	71.2	67.1	59.1	72.2	55.2	41.1	62.9
1977-79 <sup>b</sup>	68.0	60.4	73.0	69.6	62.9	74.1	55.6	38.9	64.5
1980-82 <sup>b</sup>	69.6	63.2	73.9	71.2	65.7	74.9	56.9	43.3	65.1
1983-85 <sup>b</sup>	68.6	60.0	74.7	70.4	62.0	76.6	53.8	42.4	60.6
1986-88 <sup>b</sup>	67.9	56.0	77.2	69.4	57.9	78.7	54.0	39.7	63.8
1989-94 <sup>b</sup>	<b>67.4S</b>	<b>54.6S</b>	<b>77.7S</b>	<b>69.7S</b>	<b>57.2S</b>	<b>80.1S</b>	<b>50.3S</b>	<b>35.7S</b>	61.3
<u>AGES &lt;55</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1974-76 <sup>b</sup>	59.6	47.4	67.3	61.0	49.3	68.5	45.5	32.1	55.0
1977-79 <sup>b</sup>	60.2	49.2	67.8	62.1	51.8	69.1	44.8	30.6	55.6
1980-82 <sup>b</sup>	61.9	52.8	68.4	63.7	55.5	69.5	47.0	33.8	57.5
1983-85 <sup>b</sup>	63.1	53.1	70.3	65.1	55.6	72.0	46.9	35.1	55.9
1986-88 <sup>b</sup>	64.0	52.0	73.0	65.9	54.5	74.7	47.8	34.7	58.4
1989-94 <sup>b</sup>	<b>65.0S</b>	<b>52.7S</b>	<b>74.4S</b>	<b>67.2S</b>	<b>55.3S</b>	<b>76.5S</b>	<b>48.3S</b>	<b>35.6S</b>	<b>58.9S</b>

<sup>b</sup> Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1995.

**S** The difference in rates between 1974-76 and 1989-94 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 &lt;35</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	68.2	61.2	73.8	69.1	62.1	74.8	61.3	52.3	66.6
1977-79 <sup>b</sup>	71.8	65.7	76.5	72.6	67.0	77.1	65.2	51.3	72.0
1980-82 <sup>b</sup>	73.6	69.8	76.7	74.8	71.3	77.7	63.8	56.0	68.7
1983-85 <sup>b</sup>	72.2	66.1	77.8	73.6	67.5	79.3	59.9	51.9	65.4
1986-88 <sup>b</sup>	71.7	63.1	80.2	73.1	64.7	81.6	59.0	48.3	67.2
1989-94 <sup>b</sup>	71.0 <b>S</b>	62.0	80.1 <b>S</b>	73.0 <b>S</b>	64.2 <b>S</b>	82.3 <b>S</b>	55.0 <b>S</b>	42.3 <b>S</b>	65.8
<u>AGES &lt;45</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	68.2	60.3	72.9	69.3	61.9	73.8	58.7	45.2	65.1
1977-79 <sup>b</sup>	70.5	63.7	74.7	71.8	65.8	75.7	59.0	44.3	65.9
1980-82 <sup>b</sup>	72.0	66.5	75.6	73.5	68.7	76.6	60.3	48.0	66.9
1983-85 <sup>b</sup>	70.7	62.7	76.3	72.4	64.5	78.1	57.0	46.5	62.7
1986-88 <sup>b</sup>	69.7	58.0	78.7	71.1	59.6	80.2	56.8	42.9	65.6
1989-94 <sup>b</sup>	69.0 <b>S</b>	56.4 <b>S</b>	79.0 <b>S</b>	71.1 <b>S</b>	58.7 <b>S</b>	81.4 <b>S</b>	52.8 <b>S</b>	38.3 <b>S</b>	63.1
<u>AGES &lt;55</u>									
YEAR OF DIAGNOSIS:									
1974-76 <sup>b</sup>	64.8	54.9	70.3	66.2	56.7	71.5	51.6	39.1	58.5
1977-79 <sup>b</sup>	65.7	56.8	71.1	67.3	59.2	72.3	51.3	38.1	59.2
1980-82 <sup>b</sup>	67.4	60.1	72.0	69.1	62.8	73.1	52.9	40.5	60.9
1983-85 <sup>b</sup>	68.1	59.6	73.7	69.8	61.7	75.3	53.2	42.6	59.9
1986-88 <sup>b</sup>	68.5	57.3	76.4	70.2	59.4	78.0	53.8	41.2	62.4
1989-94 <sup>b</sup>	69.0 <b>S</b>	57.1 <b>S</b>	77.7 <b>S</b>	71.1 <b>S</b>	59.4 <b>S</b>	79.8 <b>S</b>	53.2 <b>S</b>	40.8	62.5 <b>S</b>

<sup>b</sup> Rates are from the SEER Program. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients through 1995.

**S** The difference in rates between 1974-76 and 1989-94 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, 1993-95

All Races

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.16	0.32	0.75	44.66	0.14	0.29	0.77	38.03	
10	0.16	0.59	1.50	45.05	0.16	0.64	1.83	38.27	
20	0.43	1.35	3.26	45.28	0.49	1.68	4.69	38.28	
30	0.93	2.89	8.90	45.77	1.20	4.24	10.16	38.16	
40	2.02	8.25	21.99	46.40	3.10	9.14	18.21	37.70	
50	6.59	21.14	37.31	46.98	6.31	15.79	26.65	36.16	
60	16.55	34.94	44.30	45.94	10.41	22.33	30.56	32.76	
Lifetime Risk of Being Diagnosed =				44.66%	Lifetime Risk of Being Diagnosed =				38.03%
Lifetime Risk of Dying =				23.61%	Lifetime Risk of Dying =				20.53%

Whites

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.17	0.33	0.78	44.72	0.14	0.30	0.79	38.99	
10	0.17	0.62	1.54	45.02	0.16	0.66	1.86	39.16	
20	0.46	1.38	3.23	45.19	0.50	1.70	4.72	39.16	
30	0.94	2.83	8.67	45.52	1.22	4.26	10.28	39.02	
40	1.94	7.97	21.67	45.99	3.10	9.23	18.63	38.50	
50	6.34	20.76	36.82	46.35	6.39	16.19	27.33	36.90	
60	16.25	34.36	43.53	45.10	10.72	22.92	31.24	33.39	
Lifetime Risk of Being Diagnosed =				44.72%	Lifetime Risk of Being Diagnosed =				38.99%
Lifetime Risk of Dying =				23.94%	Lifetime Risk of Dying =				20.94%

Blacks

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.13	0.26	0.61	40.73	0.11	0.25	0.62	31.88	
10	0.12	0.48	1.38	41.63	0.14	0.52	1.58	32.40	
20	0.36	1.28	3.75	42.19	0.38	1.45	4.45	32.43	
30	0.95	3.53	11.90	43.66	1.08	4.12	9.84	32.49	
40	2.76	11.72	26.46	45.71	3.14	9.03	17.13	32.39	
50	10.11	26.76	41.55	48.52	6.31	14.98	23.96	31.32	
60	21.43	40.47	48.14	49.43	9.91	20.17	26.65	28.57	
Lifetime Risk of Being Diagnosed =				40.73%	Lifetime Risk of Being Diagnosed =				31.88%
Lifetime Risk of Dying =				22.50%	Lifetime Risk of Dying =				19.71%

Table II-24  
ALL SITES (Invasive)

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

By Race/Ethnicity and Sex

Incidence<sup>i</sup>

RACE/ETHNICITY	Rate 1990-1995 Rate per 100,000 persons			Trend 1990-1995 EAPC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	401.6	487.9	343.1	-0.8	-1.4
White	405.2	485.6	352.0	-1.0	-1.9	-0.4*
White Hispanic	293.1	348.7	258.7	-0.9	-0.6	-1.5*
White Non-Hispanic	416.6	499.0	361.8	-0.9	-1.9	-0.2
Black	445.8	605.1	336.1	0.0	0.0	-0.6
Asian/Pacific Islander <sup>‡</sup>	277.9	324.1	243.4	0.2	0.4	0.2
American Indian	153.8	180.1	135.9	0.4	0.8	0.0
Hispanic <sup>⊙</sup>	278.1	331.2	244.9	-1.1	-0.7	-1.8*

Mortality<sup>‡</sup>

RACE/ETHNICITY	Rate 1990-1995 Rate per 100,000 persons			Trend 1990-1995 EAPC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	171.7	216.5	141.5	-0.5*	-0.9*
White	168.2	210.1	140.1	-0.4*	-0.8*	-0.1
White Hispanic	110.7	139.2	91.2	-0.3*	-0.2	-0.6
White Non-Hispanic	171.2	213.6	142.8	-0.4*	-0.8*	-0.1
Black	224.8	311.4	168.8	-0.8*	-1.3*	-0.2
Asian/Pacific Islander <sup>‡</sup>	104.0	129.9	83.9	0.0	-0.4	0.8
American Indian	103.0	122.8	88.8	0.4	0.4	0.0
Hispanic <sup>⊙</sup>	105.3	132.6	86.5	-0.6*	-0.4	-1.0*

- The EAPC is the Estimated Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 10 cases per year within the time interval.
- <sup>i</sup> 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).
- <sup>⊙</sup> Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. For incidence, all 11 SEER areas are included. For mortality, information is included for all states except Connecticut, Oklahoma, Louisiana, and New Hampshire.
- <sup>‡</sup> Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).
- <sup>‡</sup> 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, 1973-1995. 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

Incidence<sup>i</sup>

RACE/ETHNICITY	Rate 1990-1995 Rate per 100,000 persons			Trend 1990-1995 EAPC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	345.3	412.1	301.4	-0.7	-1.2
White	348.8	411.3	308.7	-0.9	-1.7	-0.5*
White Hispanic	263.5	306.6	237.9	-0.6	-0.1	-1.4*
White Non-Hispanic	357.4	421.4	316.0	-0.8	-1.7	-0.3
Black	370.8	490.6	289.7	0.3	0.5	-0.4
Asian/Pacific Islander <sup>‡</sup>	242.1	271.7	220.9	0.4	0.9	0.3
American Indian	135.0	155.0	121.9	0.6	0.2	0.9
Hispanic <sup>⊙</sup>	249.9	291.2	225.1	-0.8	-0.2	-1.6*

Mortality<sup>❖</sup>

RACE/ETHNICITY	Rate 1990-1995 Rate per 100,000 persons			Trend 1990-1995 EAPC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	121.9	144.0	108.5	-0.6*	-0.6*
White	118.8	139.3	106.5	-0.5*	-0.5*	-0.7*
White Hispanic	89.7	105.2	79.7	-0.2	0.2	-0.7
White Non-Hispanic	120.3	141.1	108.0	-0.5*	-0.5*	-0.7*
Black	163.8	209.4	136.1	-0.7*	-1.0*	-0.4*
Asian/Pacific Islander <sup>‡</sup>	80.2	94.8	68.9	0.1	-0.1	0.6
American Indian	74.6	82.8	69.2	-0.4	0.4	-1.4
Hispanic <sup>⊙</sup>	85.2	100.2	75.5	-0.4*	0.0	-1.0*

- The EAPC is the Estimated Annual Percent Change over the time interval.  
 - Statistic not shown. Rate based on less than 10 cases per 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, 1973-1995. 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§, 1991-95</u>									
REGISTRY									
11 registries	403.0	491.1	342.7	406.3	487.8	351.7	448.7	612.5	335.1
9 registries	410.1	500.5	347.5	411.6	496.0	354.5	460.5	633.1	340.6
San Francisco-Oakland	409.1	497.7	346.3	431.4	515.0	372.5	445.4	597.4	335.2
Connecticut	419.8	500.6	367.6	419.0	494.2	371.5	444.3	616.6	328.8
Metropolitan Detroit	458.9	588.9	371.6	443.5	555.6	371.2	480.8	661.3	353.6
Hawaii	357.8	417.6	307.8	460.3	541.9	388.8	-	-	-
Iowa	396.4	479.9	340.8	393.6	475.0	339.8	-	-	-
New Mexico	344.4	416.3	291.1	354.8	428.2	300.1	-	-	-
Seattle-Puget Sound	419.5	492.7	368.7	421.8	491.7	373.6	455.2	623.7	309.7
Utah	343.9	421.7	285.3	343.8	420.0	286.5	-	-	-
Metropolitan Atlanta	428.9	561.2	345.2	412.7	523.7	343.4	459.6	658.3	340.0
San Jose-Monterey	386.2	451.4	345.2	396.9	459.6	359.0	428.9	573.2	311.6
Los Angeles	385.3	471.3	327.9	391.1	467.5	340.9	422.7	568.1	323.5
<u>SEER MORTALITY RATES*, 1991-95</u>									
REGISTRY									
11 registries	160.8	197.1	136.6	160.3	194.6	138.0	215.6	286.2	168.4
9 registries	162.4	200.7	136.7	161.1	197.7	137.2	219.0	293.2	169.1
San Francisco-Oakland	162.1	197.1	138.9	165.9	198.4	145.5	220.3	284.0	176.4
Connecticut	164.0	202.4	139.2	162.2	198.7	138.9	202.9	280.3	151.8
Metropolitan Detroit	183.8	233.0	152.2	174.9	219.8	147.3	220.8	292.3	171.5
Hawaii	134.2	163.7	108.6	172.8	207.4	142.2	-	-	-
Iowa	159.8	201.4	132.3	159.1	200.1	132.0	-	-	-
New Mexico	146.1	179.6	121.8	148.1	181.7	123.8	-	-	-
Seattle-Puget Sound	164.2	197.3	141.8	165.0	197.1	143.6	194.3	262.9	137.4
Utah	125.5	151.1	107.3	125.5	150.9	107.6	-	-	-
Metropolitan Atlanta	175.1	230.3	142.1	160.5	206.3	133.0	234.4	335.2	177.8
San Jose-Monterey	149.3	178.1	130.3	155.0	183.4	137.1	198.3	270.8	148.4
Los Angeles	158.2	189.9	137.6	158.6	186.7	141.0	208.8	271.9	167.8

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§, 1991-95</u>									
REGISTRY									
11 registries	347.0	416.1	300.9	350.2	414.4	308.2	373.9	498.3	288.9
9 registries	352.0	422.2	304.5	353.7	419.4	310.3	382.9	513.5	293.2
San Francisco-Oakland	352.8	426.0	301.6	373.8	445.3	323.8	366.2	481.5	283.8
Connecticut	360.3	422.5	321.2	359.7	417.3	324.5	377.0	511.1	288.1
Metropolitan Detroit	385.5	486.5	319.0	372.7	459.2	318.5	396.9	533.4	301.4
Hawaii	312.0	355.0	276.8	397.7	466.0	338.6	-	-	-
Iowa	338.7	396.4	302.4	336.3	392.2	301.3	-	-	-
New Mexico	304.5	363.1	261.6	313.2	373.0	269.2	-	-	-
Seattle-Puget Sound	357.3	414.0	319.1	359.1	413.3	323.0	376.6	508.8	265.8
Utah	316.7	382.2	267.9	316.8	381.1	269.0	-	-	-
Metropolitan Atlanta	363.5	466.2	300.1	348.9	435.1	296.6	389.1	539.9	299.9
San Jose-Monterey	335.8	386.7	305.5	344.0	392.9	315.9	362.7	477.0	269.7
Los Angeles	334.4	404.3	288.8	340.1	403.2	299.5	354.1	465.1	279.8
<u>SEER MORTALITY RATES*, 1991-95</u>									
REGISTRY									
11 registries	117.4	137.4	105.2	116.6	135.8	105.4	156.1	193.2	132.9
9 registries	117.8	138.8	104.8	116.4	136.7	104.4	158.1	197.2	133.4
San Francisco-Oakland	117.8	140.3	103.8	120.1	142.4	107.0	156.3	190.3	134.0
Connecticut	120.1	141.9	106.6	118.4	139.2	105.9	152.4	198.0	123.2
Metropolitan Detroit	129.9	155.3	115.4	123.3	146.6	110.6	157.8	194.3	133.8
Hawaii	100.2	117.0	85.7	124.7	147.3	105.1	-	-	-
Iowa	114.1	133.9	102.5	113.7	133.2	102.3	-	-	-
New Mexico	111.2	131.4	97.3	112.0	131.8	98.5	-	-	-
Seattle-Puget Sound	116.4	134.5	105.2	116.5	134.0	105.9	141.8	182.8	110.2
Utah	103.5	119.3	93.3	103.8	119.6	93.5	-	-	-
Metropolitan Atlanta	123.2	151.6	108.3	110.5	133.7	98.3	173.7	227.6	146.3
San Jose-Monterey	110.9	126.9	101.2	114.5	130.4	105.5	150.2	195.6	121.4
Los Angeles	117.5	135.3	107.1	117.8	133.8	108.8	152.1	184.8	132.4

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

Table II-28  
ALL SITES (Invasive)

## AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1991-95

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	171.4	0.11							
High Five States									
District of Columbia	216.3⊕*	2.56	(01)	26.2					
Delaware	195.0⊕*	2.22	(02)	13.8					
Louisiana	193.7⊕*	0.92	(03)	13.0					
Kentucky	192.2⊕*	0.94	(04)	12.1					
Maine	187.2⊕*	1.58	(05)	9.2					
Low Five States									
Idaho	147.9⊕*	1.57	(47)	-13.7					
New Mexico	146.1⊕*	1.31	(48)	-14.8					
Colorado	144.5⊕*	0.90	(49)	-15.7					
Hawaii	134.2⊕*	1.46	(50)	-21.7					
Utah	125.5⊕*	1.26	(51)	-26.8					
Alabama	179.9⊕*	0.86	(15)	5.0	Montana	160.9⊕*	1.78	(37)	-6.1
Alaska	167.0	3.39	(31)	-2.6	Nebraska	154.8⊕*	1.27	(45)	-9.7
Arizona	158.0⊕*	0.83	(41)	-7.8	Nevada	183.1⊕*	1.57	(08)	6.8
Arkansas	180.6⊕*	1.09	(13)	5.4	New Hampshire	182.3⊕*	1.74	(09)	6.4
California	159.2⊕*	0.32	(40)	-7.1	New Jersey	181.2⊕*	0.61	(11)	5.7
Colorado	144.5⊕*	0.90	(49)	-15.7	New Mexico	146.1⊕*	1.31	(48)	-14.8
Connecticut	164.0⊕	0.90	(34)	-4.3	New York	170.7	0.40	(28)	-0.4
Delaware	195.0⊕*	2.22	(02)	13.8	North Carolina	174.3	0.66	(26)	1.7
District of Columbia	216.3⊕*	2.56	(01)	26.2	North Dakota	155.7⊕*	2.00	(44)	-9.2
Florida	166.7⊕	0.42	(32)	-2.7	Ohio	180.5⊕*	0.52	(14)	5.3
Georgia	176.8⊕	0.73	(23)	3.2	Oklahoma	170.3	0.94	(29)	-0.6
Hawaii	134.2⊕*	1.46	(50)	-21.7	Oregon	166.7	0.96	(33)	-2.7
Idaho	147.9⊕*	1.57	(47)	-13.7	Pennsylvania	177.4⊕	0.47	(21)	3.5
Illinois	179.3⊕	0.52	(16)	4.6	Rhode Island	176.7	1.69	(24)	3.1
Indiana	178.1⊕	0.74	(19)	3.9	South Carolina	177.9⊕	0.95	(20)	3.8
Iowa	159.8⊕*	0.94	(38)	-6.8	South Dakota	156.0⊕*	1.89	(43)	-9.0
Kansas	159.6⊕*	1.04	(39)	-6.9	Tennessee	180.8⊕*	0.78	(12)	5.5
Kentucky	192.2⊕*	0.94	(04)	12.1	Texas	168.7⊕	0.44	(30)	-1.6
Louisiana	193.7⊕*	0.92	(03)	13.0	Utah	125.5⊕*	1.26	(51)	-26.8
Maine	187.2⊕*	1.58	(05)	9.2	Vermont	172.2	2.33	(27)	0.5
Maryland	186.1⊕*	0.84	(06)	8.6	Virginia	178.2⊕	0.73	(18)	4.0
Massachusetts	178.8⊕	0.70	(17)	4.3	Washington	163.4⊕	0.76	(36)	-4.7
Michigan	176.4⊕	0.58	(25)	2.9	West Virginia	185.6⊕*	1.24	(07)	8.3
Minnesota	156.0⊕*	0.79	(42)	-9.0	Wisconsin	163.8⊕	0.74	(35)	-4.4
Mississippi	182.2⊕*	1.11	(10)	6.3	Wyoming	154.2⊕*	2.50	(46)	-10.0
Missouri	177.1⊕	0.75	(22)	3.3					

\* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
SE Standard error of the rate.  
PD Percent difference between state rate and total U.S. rate.  
⊕ 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, 1991-95

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	215.7	0.18		
High Five States				
District of Columbia	293.7⊕*	4.65	(01)	36.2
Louisiana	258.8⊕*	1.65	(02)	20.0
Kentucky	251.9⊕*	1.64	(03)	16.8
Mississippi	249.8⊕*	2.00	(04)	15.8
Delaware	246.1⊕*	3.82	(05)	14.1
Low Five States				
New Mexico	179.6⊕*	2.18	(47)	-16.7
Idaho	178.4⊕*	2.55	(48)	-17.3
Colorado	177.1⊕*	1.53	(49)	-17.9
Hawaii	163.7⊕*	2.33	(50)	-24.1
Utah	151.1⊕*	2.07	(51)	-29.9

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	242.7⊕*	1.53	(06)	12.5	Montana	196.3⊕*	2.90	(39)	-9.0
Alaska	198.8*	5.57	(37)	-7.8	Nebraska	195.2⊕*	2.12	(41)	-9.5
Arizona	194.4⊕*	1.37	(42)	-9.9	Nevada	219.4	2.57	(26)	1.7
Arkansas	239.2⊕*	1.88	(10)	10.9	New Hampshire	221.6	2.91	(24)	2.7
California	190.4⊕*	0.53	(45)	-11.7	New Jersey	223.4⊕	1.05	(21)	3.6
Colorado	177.1⊕*	1.53	(49)	-17.9	New Mexico	179.6⊕*	2.18	(47)	-16.7
Connecticut	202.4⊕*	1.52	(33)	-6.2	New York	209.7⊕	0.68	(30)	-2.8
Delaware	246.1⊕*	3.82	(05)	14.1	North Carolina	233.1⊕*	1.19	(14)	8.1
District of Columbia	293.7⊕*	4.65	(01)	36.2	North Dakota	192.6⊕*	3.24	(43)	-10.7
Florida	207.0⊕	0.69	(31)	-4.0	Ohio	228.4⊕*	0.90	(16)	5.9
Georgia	239.7⊕*	1.33	(09)	11.1	Oklahoma	218.8	1.60	(27)	1.4
Hawaii	163.7⊕*	2.33	(50)	-24.1	Oregon	199.3⊕*	1.55	(36)	-7.6
Idaho	178.4⊕*	2.55	(48)	-17.3	Pennsylvania	223.2⊕	0.81	(22)	3.5
Illinois	226.3⊕	0.89	(18)	4.9	Rhode Island	224.3	2.90	(20)	4.0
Indiana	227.7⊕*	1.28	(17)	5.6	South Carolina	240.6⊕*	1.73	(08)	11.5
Iowa	201.4⊕*	1.58	(34)	-6.6	South Dakota	195.4⊕*	3.10	(40)	-9.4
Kansas	200.1⊕*	1.74	(35)	-7.2	Tennessee	241.2⊕*	1.39	(07)	11.8
Kentucky	251.9⊕*	1.64	(03)	16.8	Texas	217.1	0.76	(28)	0.6
Louisiana	258.8⊕*	1.65	(02)	20.0	Utah	151.1⊕*	2.07	(51)	-29.9
Maine	234.9⊕*	2.68	(12)	8.9	Vermont	211.9	3.92	(29)	-1.8
Maryland	234.5⊕*	1.47	(13)	8.7	Virginia	232.5⊕*	1.29	(15)	7.8
Massachusetts	223.0⊕	1.20	(23)	3.4	Washington	197.1⊕*	1.25	(38)	-8.6
Michigan	220.8⊕	0.98	(25)	2.4	West Virginia	235.7⊕*	2.13	(11)	9.3
Minnesota	192.3⊕*	1.31	(44)	-10.8	Wisconsin	204.8⊕*	1.24	(32)	-5.1
Mississippi	249.8⊕*	2.00	(04)	15.8	Wyoming	185.3⊕*	4.11	(46)	-14.1
Missouri	226.2⊕	1.28	(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.  
⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table II-30  
ALL SITES (Invasive)

## AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1991-95

All Races, Females

State	Rate	SE	Rank	PD
TOTAL U.S.	141.5	0.13		
High Five States				
District of Columbia	167.7 $\oplus$ *	2.98	(01)	18.5
Delaware	159.7 $\oplus$ *	2.70	(02)	12.9
New Hampshire	156.5 $\oplus$ *	2.20	(03)	10.6
Nevada	155.6 $\oplus$ *	2.00	(04)	10.0
Maine	155.3 $\oplus$ *	1.95	(05)	9.8
Low Five States				
Idaho	125.8 $\oplus$ *	2.00	(47)	-11.1
Colorado	122.8 $\oplus$ *	1.12	(48)	-13.2
New Mexico	121.8 $\oplus$ *	1.63	(49)	-13.9
Hawaii	108.6 $\oplus$ *	1.81	(50)	-23.3
Utah	107.3 $\oplus$ *	1.60	(51)	-24.2

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	138.3	1.00	(28)	-2.3	Montana	134.8	2.25	(38)	-4.7
Alaska	140.1	4.21	(25)	-1.0	Nebraska	127.2 $\oplus$ *	1.57	(46)	-10.1
Arizona	130.8 $\oplus$ *	1.03	(43)	-7.6	Nevada	155.6 $\oplus$ *	2.00	(04)	10.0
Arkansas	138.7	1.29	(27)	-2.0	New Hampshire	156.5 $\oplus$ *	2.20	(03)	10.6
California	138.0 $\oplus$	0.41	(29)	-2.5	New Jersey	153.8 $\oplus$ *	0.76	(07)	8.7
Colorado	122.8 $\oplus$ *	1.12	(48)	-13.2	New Mexico	121.8 $\oplus$ *	1.63	(49)	-13.9
Connecticut	139.2	1.12	(26)	-1.6	New York	146.2 $\oplus$	0.49	(17)	3.3
Delaware	159.7 $\oplus$ *	2.70	(02)	12.9	North Carolina	136.0 $\oplus$	0.78	(35)	-3.9
District of Columbia	167.7 $\oplus$ *	2.98	(01)	18.5	North Dakota	129.6*	2.55	(44)	-8.4
Florida	136.8 $\oplus$	0.52	(32)	-3.3	Ohio	148.9 $\oplus$ *	0.64	(12)	5.2
Georgia	136.6 $\oplus$	0.84	(33)	-3.5	Oklahoma	137.0	1.14	(30)	-3.2
Hawaii	108.6 $\oplus$ *	1.81	(50)	-23.3	Oregon	144.2	1.22	(20)	1.9
Idaho	125.8 $\oplus$ *	2.00	(47)	-11.1	Pennsylvania	147.8 $\oplus$	0.58	(14)	4.5
Illinois	148.5 $\oplus$	0.64	(13)	4.9	Rhode Island	147.1	2.08	(15)	4.0
Indiana	145.8	0.90	(18)	3.0	South Carolina	136.5	1.11	(34)	-3.5
Iowa	132.3 $\oplus$ *	1.17	(40)	-6.5	South Dakota	127.7 $\oplus$ *	2.37	(45)	-9.8
Kansas	132.0 $\oplus$ *	1.28	(42)	-6.7	Tennessee	140.4	0.92	(23)	-0.8
Kentucky	151.7 $\oplus$ *	1.12	(09)	7.2	Texas	135.4 $\oplus$	0.53	(37)	-4.3
Louisiana	150.0 $\oplus$ *	1.08	(11)	6.0	Utah	107.3 $\oplus$ *	1.60	(51)	-24.2
Maine	155.3 $\oplus$ *	1.95	(05)	9.8	Vermont	145.2	2.91	(19)	2.6
Maryland	154.6 $\oplus$ *	1.03	(06)	9.3	Virginia	142.6	0.87	(22)	0.8
Massachusetts	151.4 $\oplus$ *	0.87	(10)	7.0	Washington	140.1	0.96	(24)	-1.0
Michigan	146.7 $\oplus$	0.71	(16)	3.7	West Virginia	151.9 $\oplus$ *	1.51	(08)	7.3
Minnesota	132.1 $\oplus$ *	0.99	(41)	-6.6	Wisconsin	135.9 $\oplus$	0.92	(36)	-4.0
Mississippi	137.0	1.29	(31)	-3.2	Wyoming	133.6*	3.20	(39)	-5.6
Missouri	143.7	0.91	(21)	1.6					

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

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1991-95

All Races, Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	121.6	0.09		
High Five States				
District of Columbia	162.6⊕*	2.21	(01)	33.7
Delaware	135.3⊕*	1.84	(02)	11.3
New Jersey	133.3⊕*	0.52	(03)	9.6
Louisiana	133.0⊕*	0.76	(04)	9.4
Maryland	132.3⊕*	0.71	(05)	8.8
Low Five States				
New Mexico	111.2⊕*	1.14	(47)	-8.6
Idaho	110.0⊕*	1.35	(48)	-9.5
Colorado	108.1⊕*	0.78	(49)	-11.1
Utah	103.5⊕*	1.14	(50)	-14.9
Hawaii	100.2⊕*	1.26	(51)	-17.6

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	125.5⊕	0.71	(14)	3.2	Montana	116.9	1.51	(33)	-3.9
Alaska	114.6*	2.81	(40)	-5.8	Nebraska	112.3⊕*	1.07	(45)	-7.6
Arizona	112.4⊕*	0.70	(44)	-7.6	Nevada	124.9	1.30	(18)	2.7
Arkansas	118.4	0.87	(30)	-2.6	New Hampshire	129.7⊕*	1.46	(08)	6.7
California	115.2⊕*	0.27	(37)	-5.3	New Jersey	133.3⊕*	0.52	(03)	9.6
Colorado	108.1⊕*	0.78	(49)	-11.1	New Mexico	111.2⊕*	1.14	(47)	-8.6
Connecticut	120.1	0.77	(29)	-1.2	New York	125.5⊕	0.34	(15)	3.2
Delaware	135.3⊕*	1.84	(02)	11.3	North Carolina	121.2	0.55	(28)	-0.3
District of Columbia	162.6⊕*	2.21	(01)	33.7	North Dakota	117.0	1.72	(32)	-3.8
Florida	115.4⊕*	0.35	(36)	-5.1	Ohio	126.0⊕	0.44	(12)	3.6
Georgia	121.8	0.60	(25)	0.2	Oklahoma	114.3⊕*	0.76	(41)	-6.0
Hawaii	100.2⊕*	1.26	(51)	-17.6	Oregon	115.9⊕	0.79	(35)	-4.7
Idaho	110.0⊕*	1.35	(48)	-9.5	Pennsylvania	128.8⊕*	0.40	(09)	5.9
Illinois	128.4⊕*	0.44	(10)	5.6	Rhode Island	125.6	1.41	(13)	3.3
Indiana	122.7	0.61	(23)	0.9	South Carolina	125.4	0.79	(16)	3.1
Iowa	114.1⊕*	0.79	(42)	-6.2	South Dakota	114.6*	1.60	(39)	-5.8
Kansas	113.7⊕*	0.87	(43)	-6.5	Tennessee	121.5	0.64	(26)	-0.1
Kentucky	124.1	0.75	(20)	2.1	Texas	117.7⊕	0.36	(31)	-3.2
Louisiana	133.0⊕*	0.76	(04)	9.4	Utah	103.5⊕*	1.14	(50)	-14.9
Maine	130.5⊕*	1.31	(06)	7.3	Vermont	123.6	1.96	(22)	1.6
Maryland	132.3⊕*	0.71	(05)	8.8	Virginia	125.0⊕	0.61	(17)	2.8
Massachusetts	130.1⊕*	0.60	(07)	7.0	Washington	114.8⊕*	0.63	(38)	-5.6
Michigan	124.8⊕	0.48	(19)	2.6	West Virginia	124.1	1.01	(21)	2.1
Minnesota	116.3⊕	0.67	(34)	-4.4	Wisconsin	122.1	0.64	(24)	0.4
Mississippi	126.5⊕	0.92	(11)	4.0	Wyoming	111.8*	2.12	(46)	-8.1
Missouri	121.2	0.61	(27)	-0.3					

\* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 SE Standard error of the rate.  
 PD Percent difference between state rate and total U.S. rate.  
 \* Absolute difference between state rate and total U.S. rate is 5% or more.  
 ⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table II-32  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1991-95

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	143.7	0.15		
High Five States				
District of Columbia	212.1⊕*	3.95	(01)	47.6
Louisiana	163.8⊕*	1.31	(02)	14.0
Delaware	161.8⊕*	3.11	(03)	12.6
Maryland	158.6⊕*	1.21	(04)	10.4
Mississippi	158.4⊕*	1.59	(05)	10.2
Low Five States				
Wyoming	128.3*	3.42	(47)	-10.7
Idaho	127.7⊕*	2.15	(48)	-11.1
Colorado	125.9⊕*	1.29	(49)	-12.4
Utah	119.3⊕*	1.83	(50)	-17.0
Hawaii	117.0⊕*	1.97	(51)	-18.6

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	154.3⊕*	1.22	(10)	7.4	Montana	137.5	2.42	(32)	-4.3
Alaska	133.1*	4.61	(40)	-7.4	Nebraska	132.1⊕*	1.73	(44)	-8.1
Arizona	131.8⊕*	1.12	(45)	-8.3	Nevada	146.8	2.13	(20)	2.2
Arkansas	141.9	1.44	(30)	-1.3	New Hampshire	149.2	2.38	(15)	3.8
California	132.9⊕*	0.44	(41)	-7.5	New Jersey	156.0⊕*	0.87	(07)	8.6
Colorado	125.9⊕*	1.29	(49)	-12.4	New Mexico	131.4⊕*	1.87	(46)	-8.6
Connecticut	141.9	1.27	(29)	-1.3	New York	145.8	0.56	(24)	1.5
Delaware	161.8⊕*	3.11	(03)	12.6	North Carolina	147.8	0.95	(19)	2.9
District of Columbia	212.1⊕*	3.95	(01)	47.6	North Dakota	135.9*	2.70	(34)	-5.4
Florida	135.6⊕*	0.55	(36)	-5.6	Ohio	148.3⊕	0.73	(17)	3.2
Georgia	150.8⊕	1.06	(14)	4.9	Oklahoma	133.9⊕*	1.25	(38)	-6.8
Hawaii	117.0⊕*	1.97	(51)	-18.6	Oregon	134.3⊕*	1.27	(37)	-6.5
Idaho	127.7⊕*	2.15	(48)	-11.1	Pennsylvania	151.4⊕*	0.67	(13)	5.4
Illinois	151.7⊕*	0.73	(12)	5.6	Rhode Island	148.8	2.35	(16)	3.5
Indiana	145.1	1.02	(26)	1.0	South Carolina	156.1⊕*	1.40	(06)	8.6
Iowa	133.9⊕*	1.28	(39)	-6.8	South Dakota	135.7*	2.57	(35)	-5.6
Kansas	132.6⊕*	1.41	(43)	-7.7	Tennessee	146.2	1.08	(23)	1.7
Kentucky	147.9	1.25	(18)	2.9	Texas	141.6	0.61	(31)	-1.5
Louisiana	163.8⊕*	1.31	(02)	14.0	Utah	119.3⊕*	1.83	(50)	-17.0
Maine	154.4*	2.17	(09)	7.4	Vermont	145.6	3.24	(25)	1.3
Maryland	158.6⊕*	1.21	(04)	10.4	Virginia	152.3⊕*	1.04	(11)	6.0
Massachusetts	155.5⊕*	1.00	(08)	8.2	Washington	132.7⊕*	1.02	(42)	-7.7
Michigan	146.7	0.80	(21)	2.1	West Virginia	146.5	1.68	(22)	1.9
Minnesota	137.0⊕	1.10	(33)	-4.7	Wisconsin	144.9	1.04	(27)	0.8
Mississippi	158.4⊕*	1.59	(05)	10.2	Wyoming	128.3*	3.42	(47)	-10.7
Missouri	143.3	1.01	(28)	-0.3					

\* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 SE Standard error of the rate.  
 PD Percent difference between state rate and total U.S. rate.  
 \* Absolute difference between state rate and total U.S. rate is 5% or more.  
 ⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).



Table II-33  
ALL SITES EXCLUDING LUNG AND BRONCHUS (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1991-95

All Races, Females

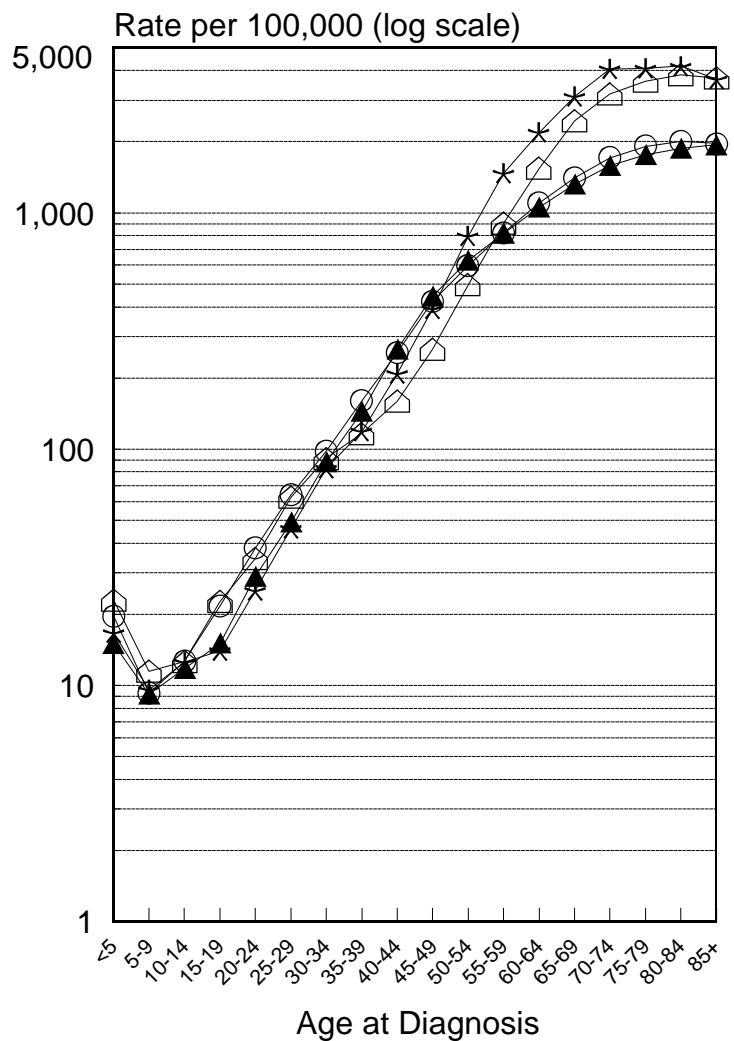
State	Rate	SE	Rank	PD
TOTAL U.S.	108.2	0.12		
High Five States				
District of Columbia	133.0⊕*	2.64	(01)	22.9
New Jersey	119.9⊕*	0.67	(02)	10.8
New Hampshire	118.6⊕*	1.90	(03)	9.6
Delaware	118.5*	2.32	(04)	9.5
Maryland	116.9⊕*	0.89	(05)	8.0
Low Five States				
Idaho	98.3⊕*	1.76	(47)	-9.1
Colorado	97.3⊕*	0.99	(48)	-10.1
New Mexico	97.3⊕*	1.45	(49)	-10.1
Utah	93.3⊕*	1.48	(50)	-13.8
Hawaii	85.7⊕*	1.61	(51)	-20.8

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	108.3	0.88	(21)	0.1	Montana	102.8*	1.95	(37)	-5.0
Alaska	100.1*	3.55	(45)	-7.5	Nebraska	100.3⊕*	1.39	(44)	-7.3
Arizona	98.7⊕*	0.89	(46)	-8.8	Nevada	109.6	1.67	(19)	1.3
Arkansas	103.4	1.11	(34)	-4.4	New Hampshire	118.6⊕*	1.90	(03)	9.6
California	104.1⊕	0.35	(32)	-3.8	New Jersey	119.9⊕*	0.67	(02)	10.8
Colorado	97.3⊕*	0.99	(48)	-10.1	New Mexico	97.3⊕*	1.45	(49)	-10.1
Connecticut	106.6	0.98	(27)	-1.5	New York	114.0⊕*	0.43	(11)	5.4
Delaware	118.5*	2.32	(04)	9.5	North Carolina	105.7	0.69	(28)	-2.3
District of Columbia	133.0⊕*	2.64	(01)	22.9	North Dakota	105.3	2.27	(30)	-2.7
Florida	101.1⊕*	0.45	(42)	-6.6	Ohio	113.0⊕	0.55	(12)	4.4
Georgia	105.4	0.74	(29)	-2.6	Oklahoma	102.6⊕*	0.98	(39)	-5.2
Hawaii	85.7⊕*	1.61	(51)	-20.8	Oregon	104.2	1.03	(31)	-3.7
Idaho	98.3⊕*	1.76	(47)	-9.1	Pennsylvania	115.6⊕*	0.51	(08)	6.8
Illinois	114.8⊕*	0.56	(09)	6.1	Rhode Island	113.0	1.82	(13)	4.4
Indiana	109.8	0.77	(17)	1.5	South Carolina	107.2	0.98	(24)	-0.9
Iowa	102.5⊕*	1.02	(40)	-5.3	South Dakota	100.8*	2.09	(43)	-6.8
Kansas	102.2⊕*	1.12	(41)	-5.5	Tennessee	107.0	0.80	(25)	-1.1
Kentucky	110.0	0.95	(16)	1.7	Texas	102.8⊕*	0.46	(38)	-5.0
Louisiana	114.1⊕*	0.94	(10)	5.5	Utah	93.3⊕*	1.48	(50)	-13.8
Maine	116.2*	1.68	(06)	7.4	Vermont	109.8	2.50	(18)	1.5
Maryland	116.9⊕*	0.89	(05)	8.0	Virginia	108.8	0.76	(20)	0.6
Massachusetts	115.7⊕*	0.76	(07)	6.9	Washington	103.4⊕	0.82	(35)	-4.4
Michigan	111.8⊕	0.62	(14)	3.3	West Virginia	110.6	1.29	(15)	2.2
Minnesota	103.9	0.87	(33)	-4.0	Wisconsin	107.9	0.82	(22)	-0.3
Mississippi	107.0	1.14	(26)	-1.1	Wyoming	102.9	2.80	(36)	-4.9
Missouri	107.9	0.79	(23)	-0.3					

\* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
 SE Standard error of the rate.  
 PD Percent difference between state rate and total U.S. rate.  
 \* Absolute difference between state rate and total U.S. rate is 5% or more.  
 ⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

# Age-Specific Incidence Rates, 1991-1995 By Race and Sex

## All Sites



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

## All Sites Except Lung & Bronchus

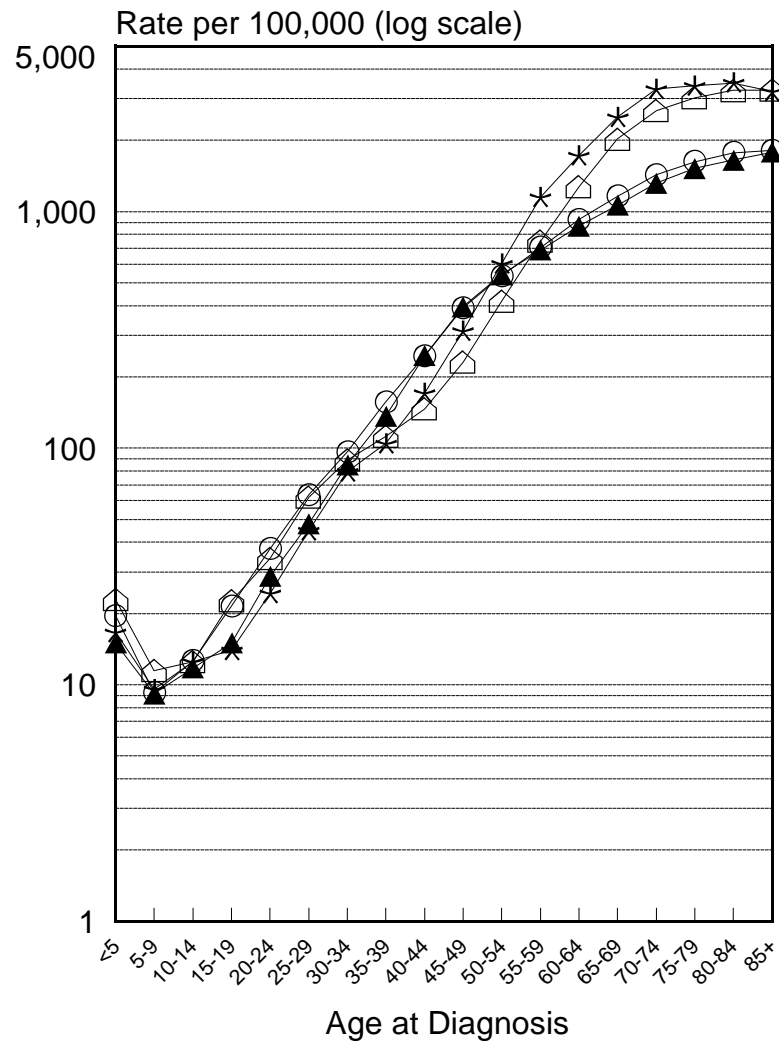


Figure II-1

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

## White

## Black

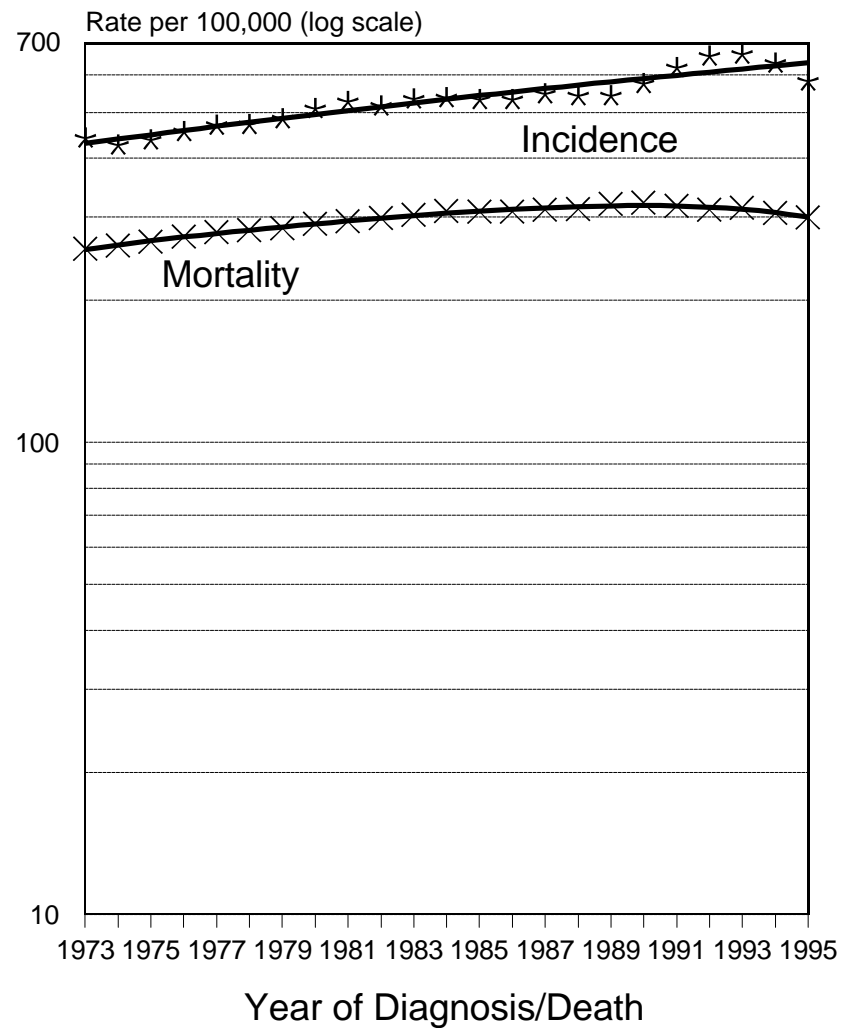
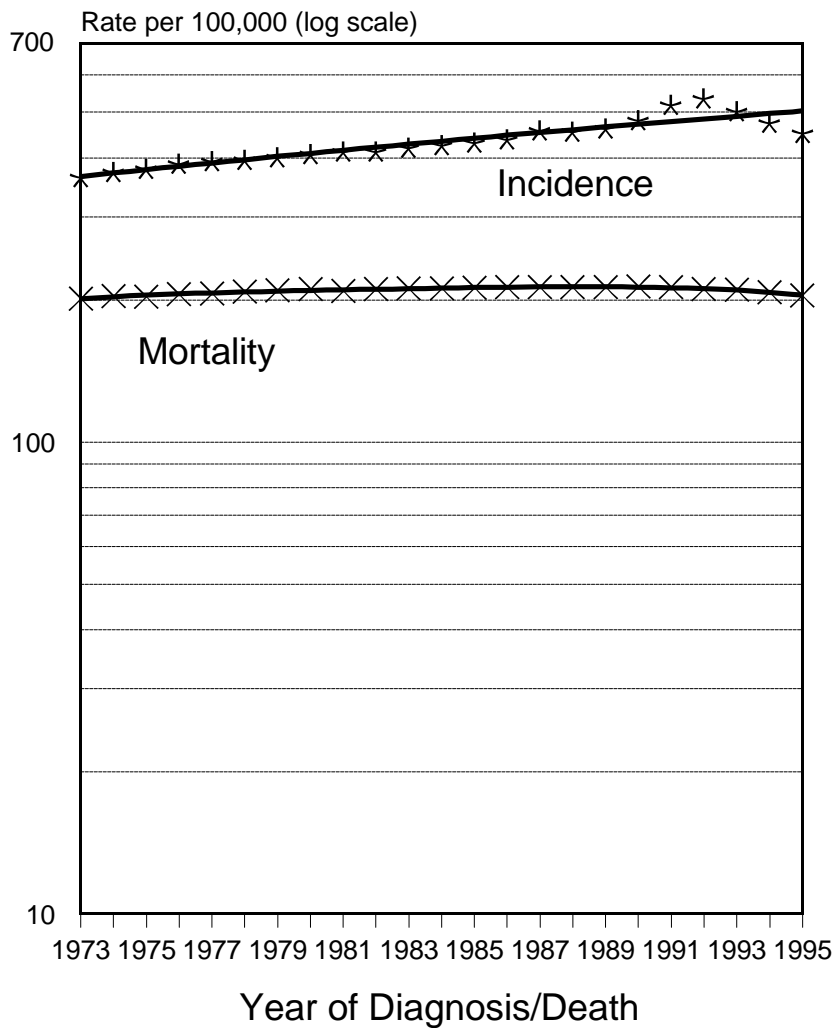


Figure II-2

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

## White

## Black

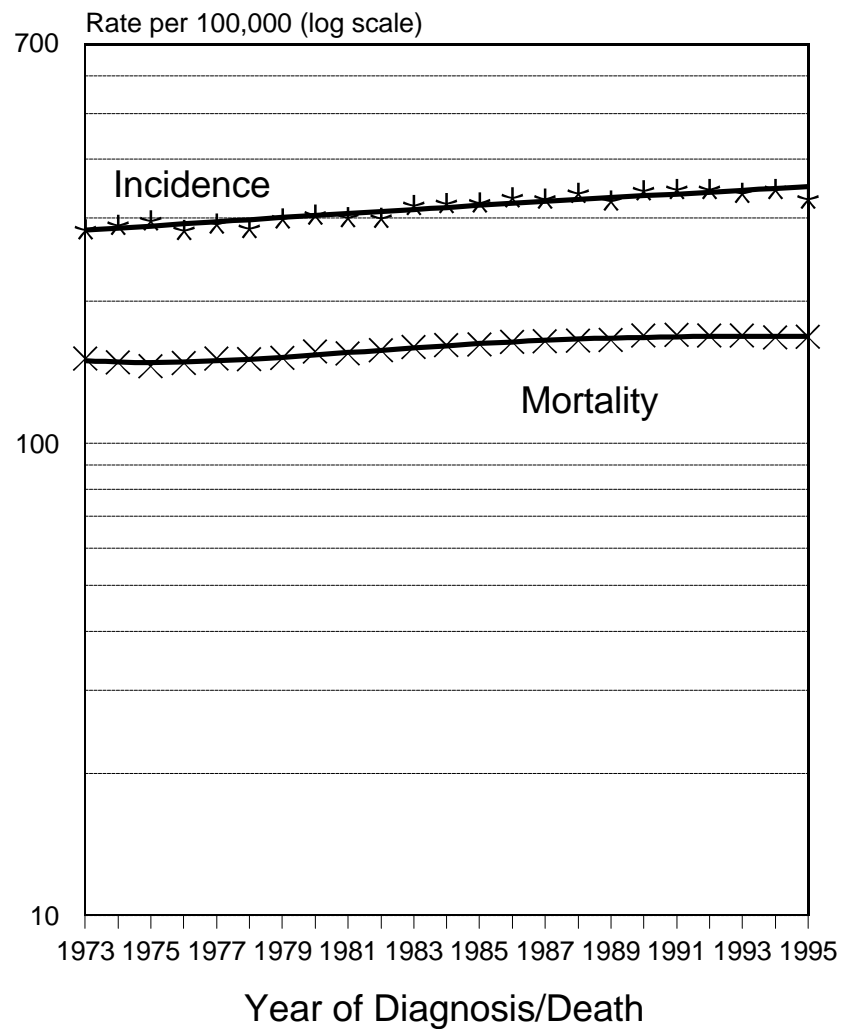
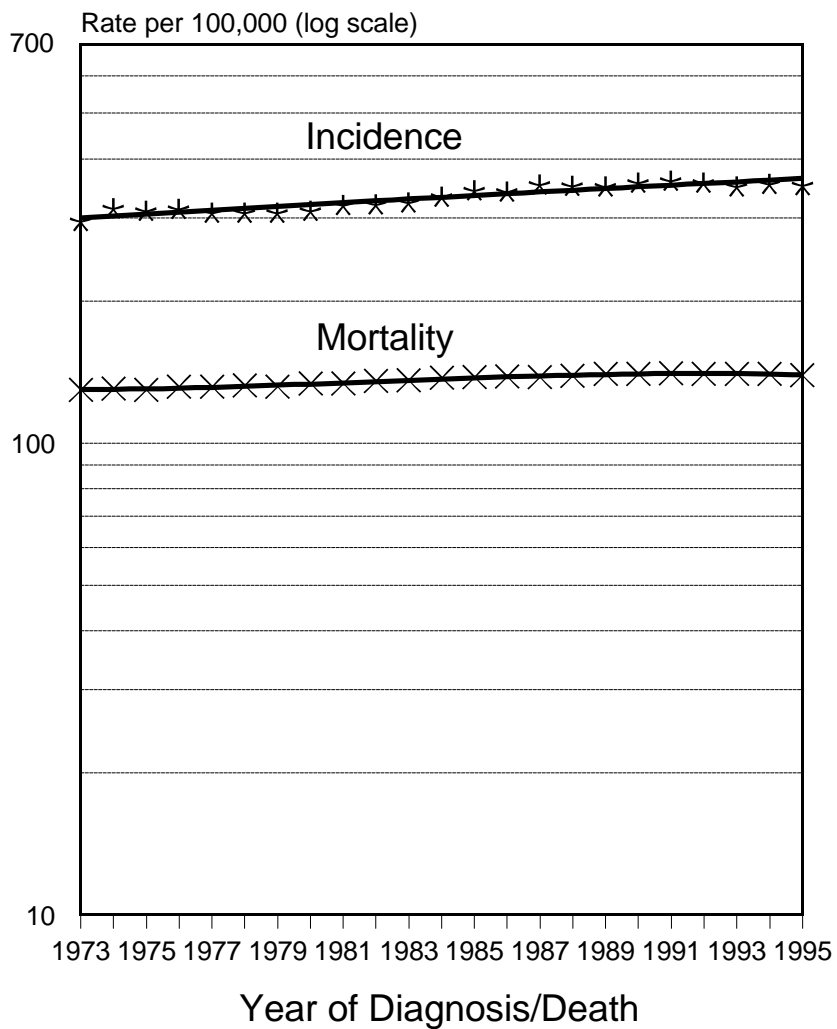


Figure II-3

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

## White

## Black

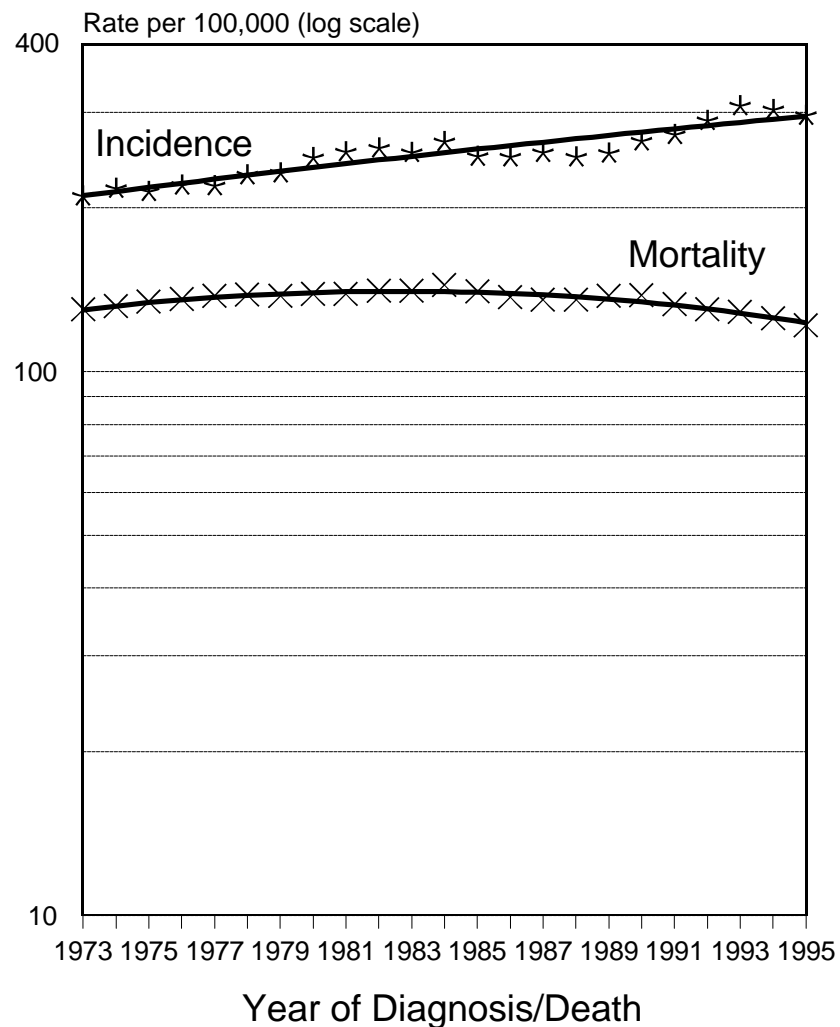
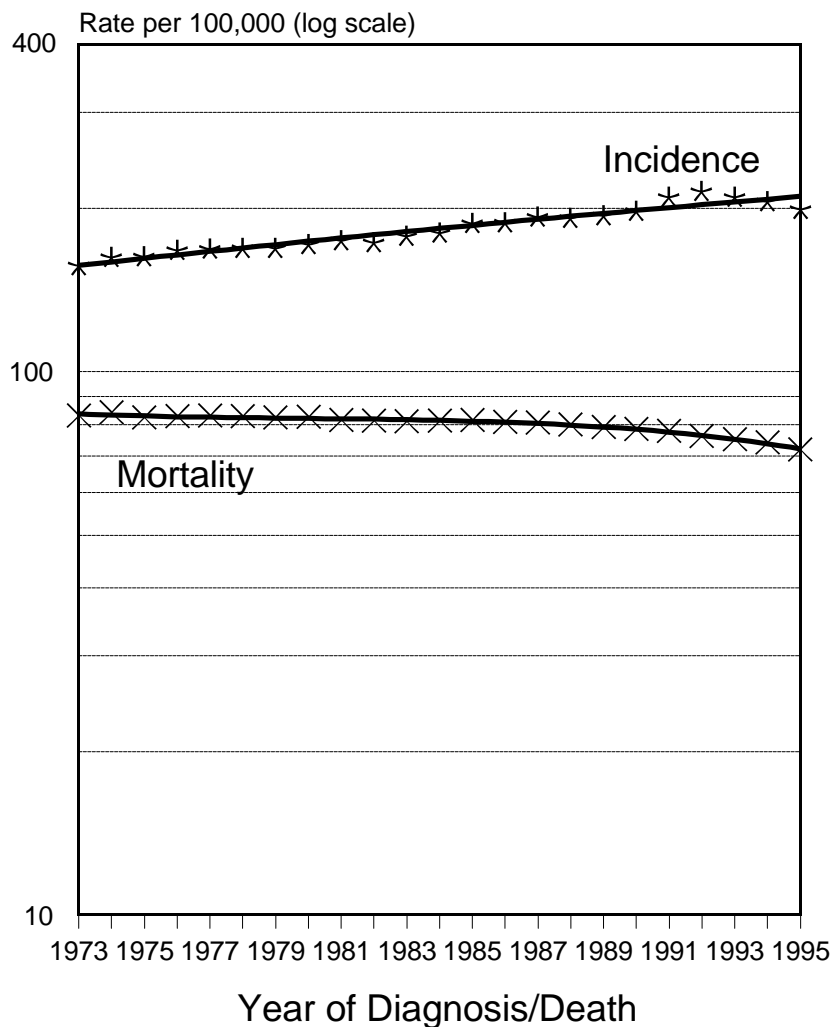


Figure II-4

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

## White

## Black

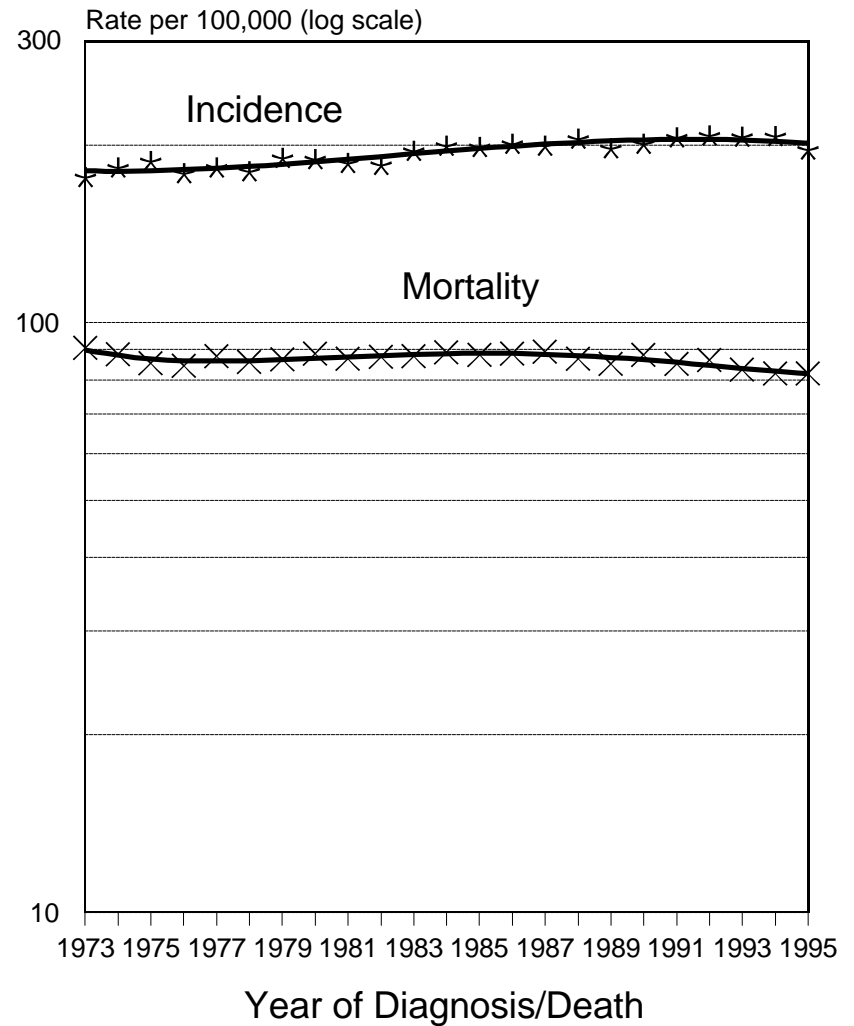
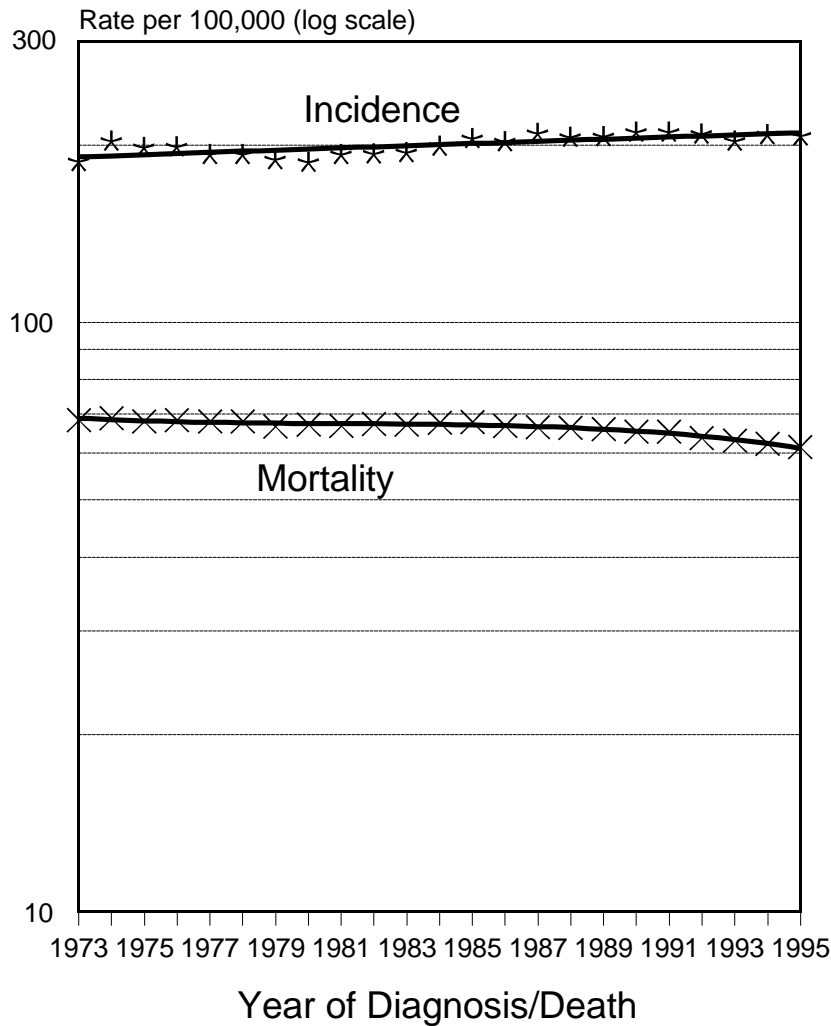
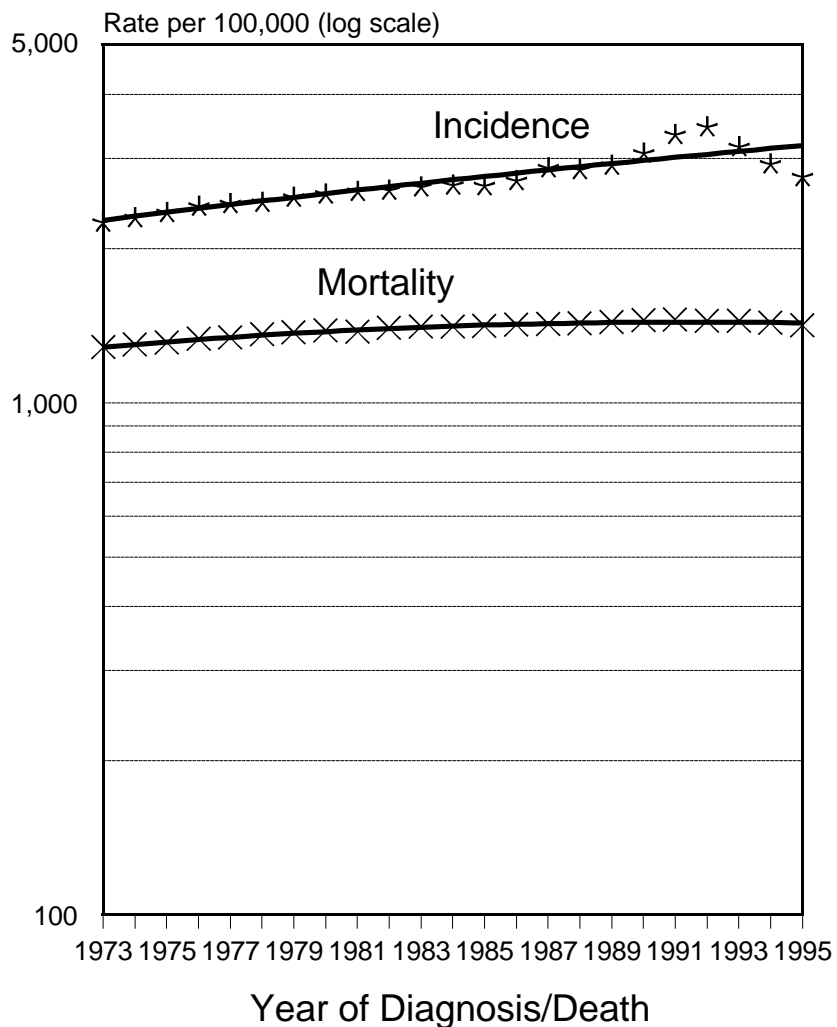


Figure II-5

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

## White



## Black

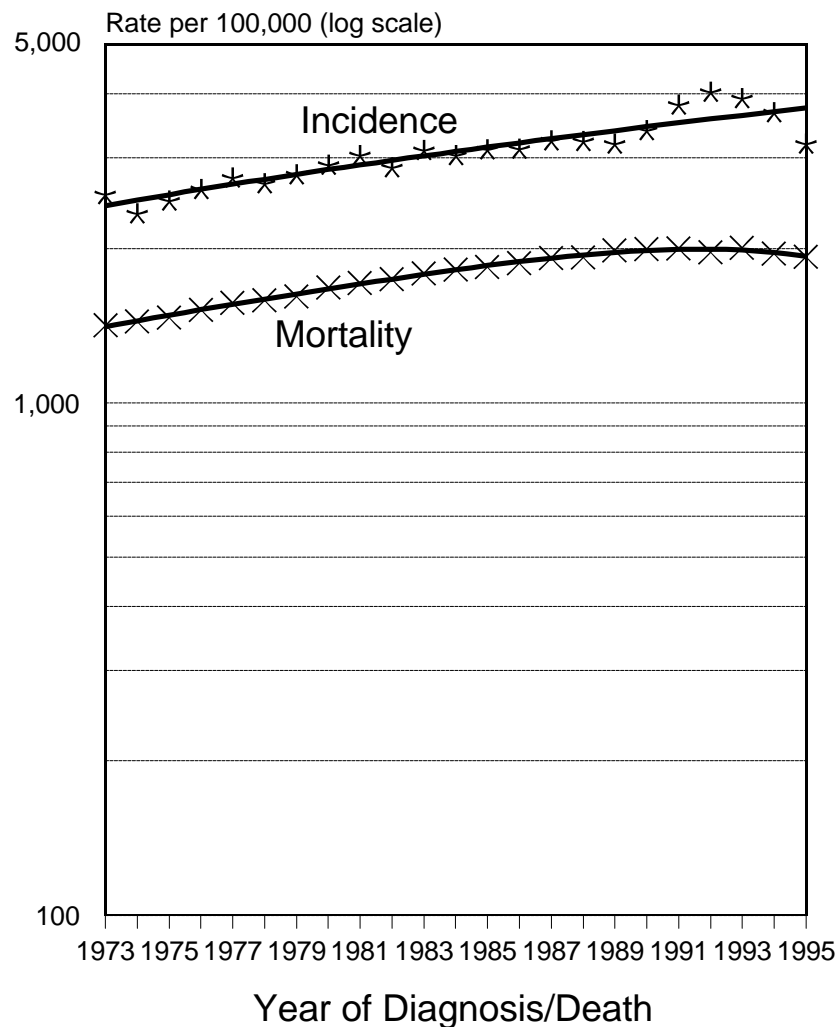


Figure II-6

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

## White

## Black

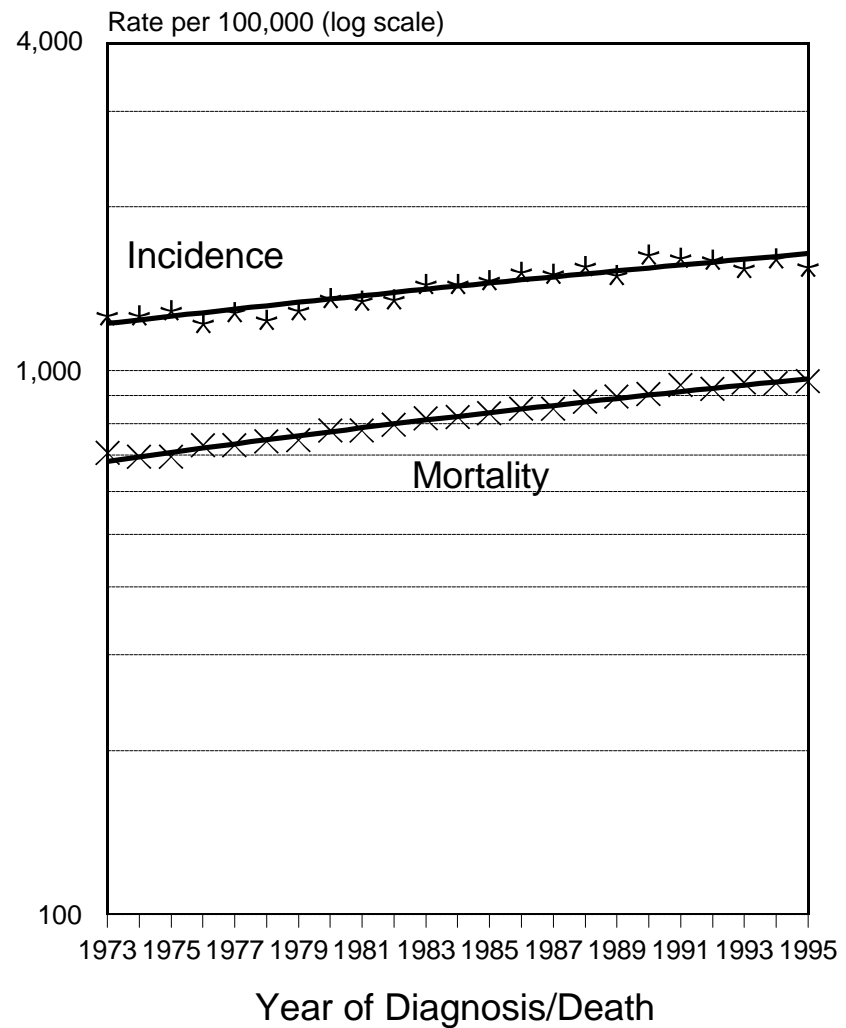
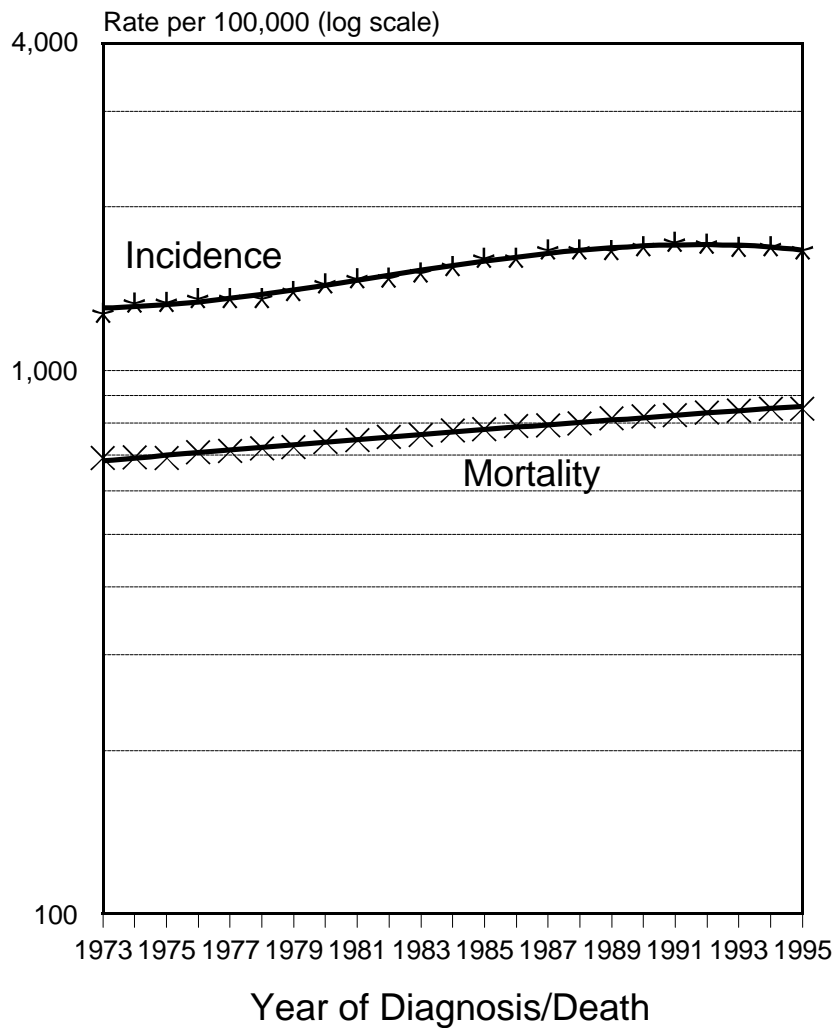
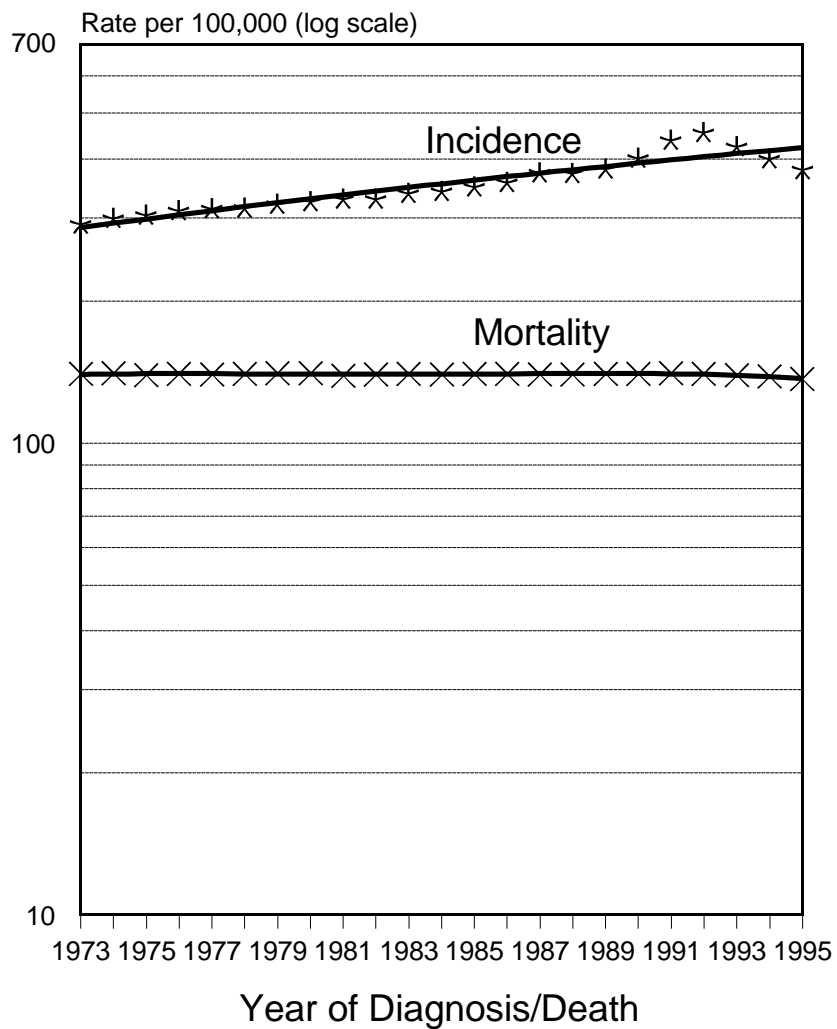


Figure II-7



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

## White



## Black

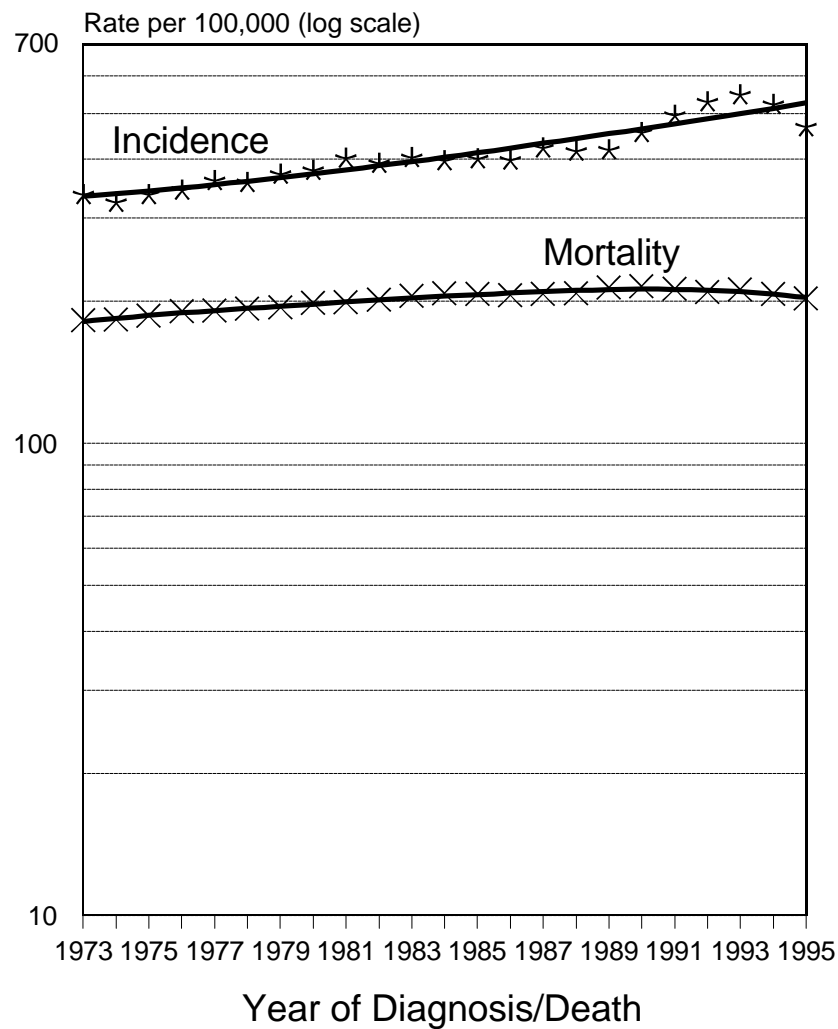
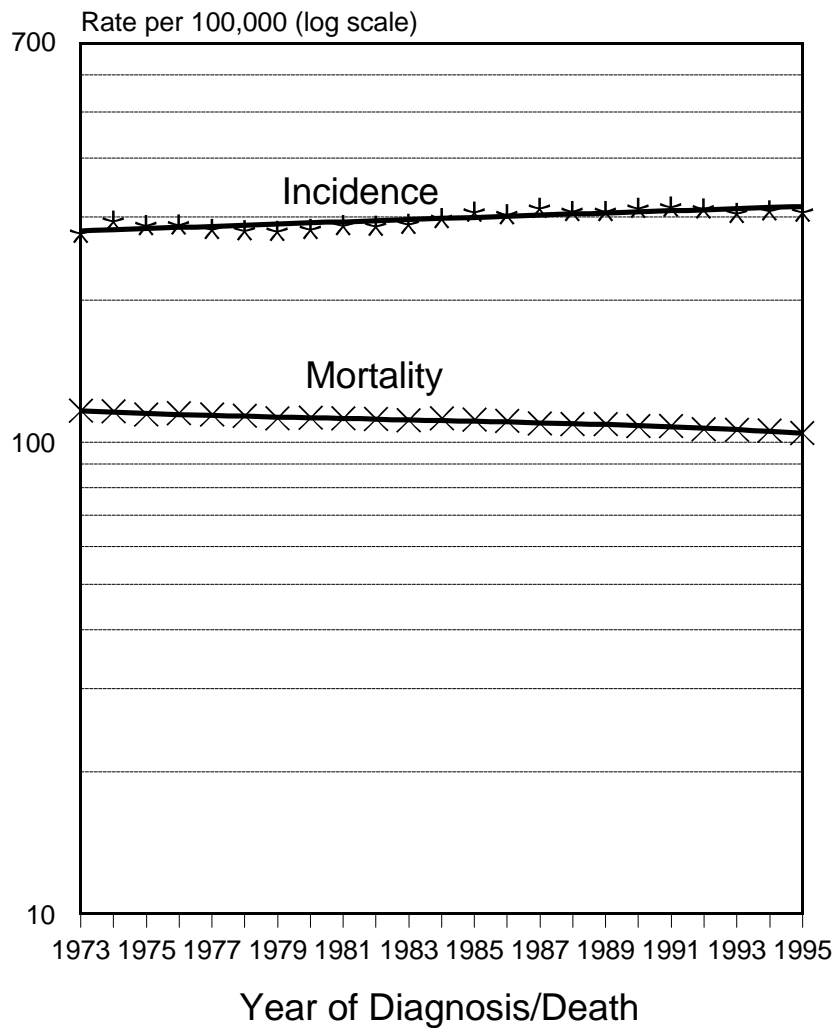


Figure II-8

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

## White



## Black

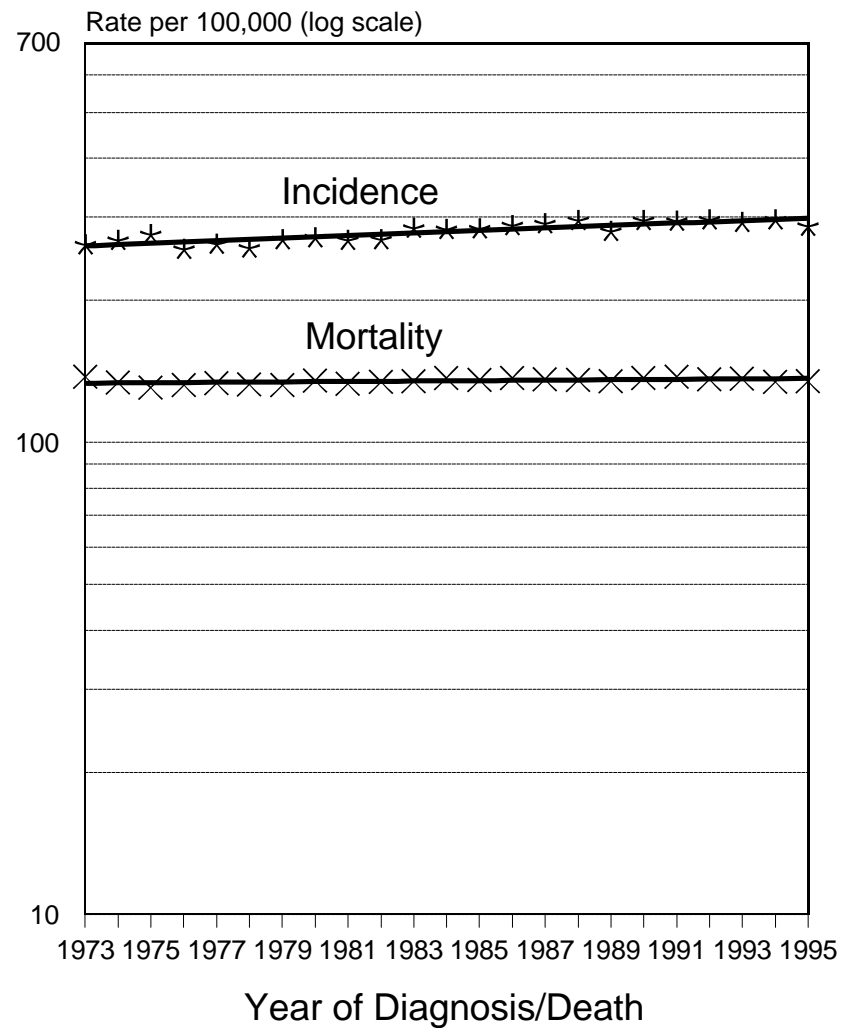
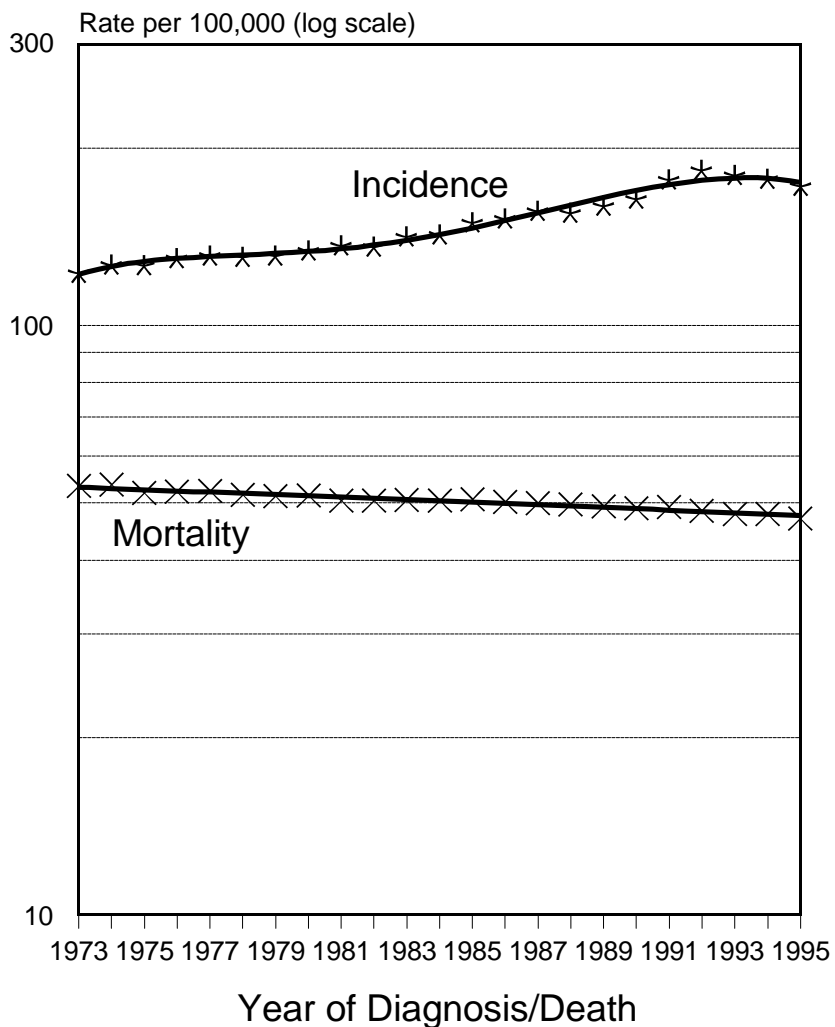


Figure II-9

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

## White



## Black

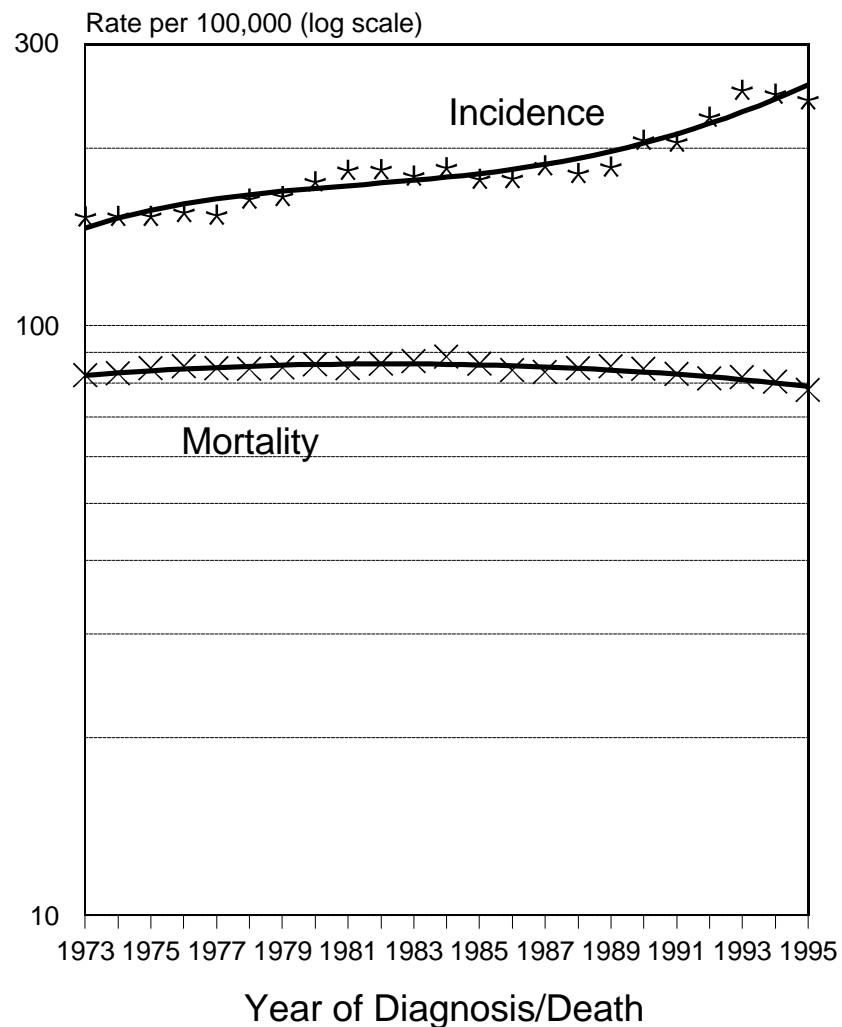


Figure II-10

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

White

Black

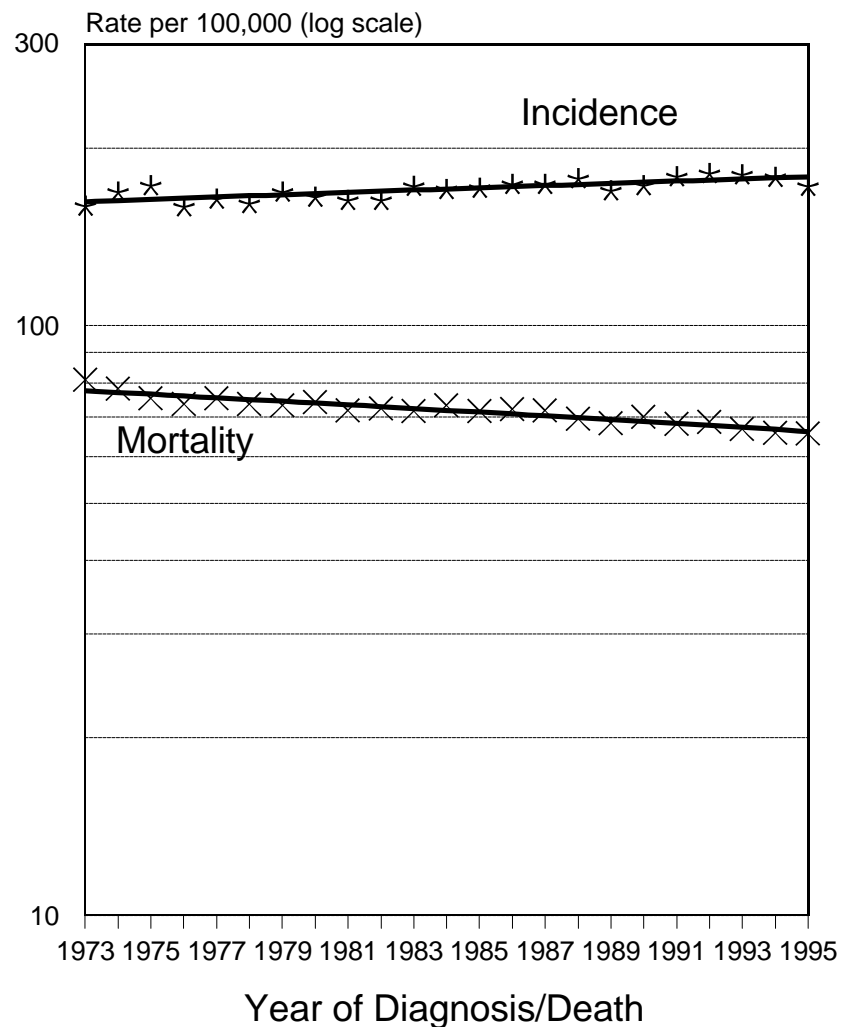
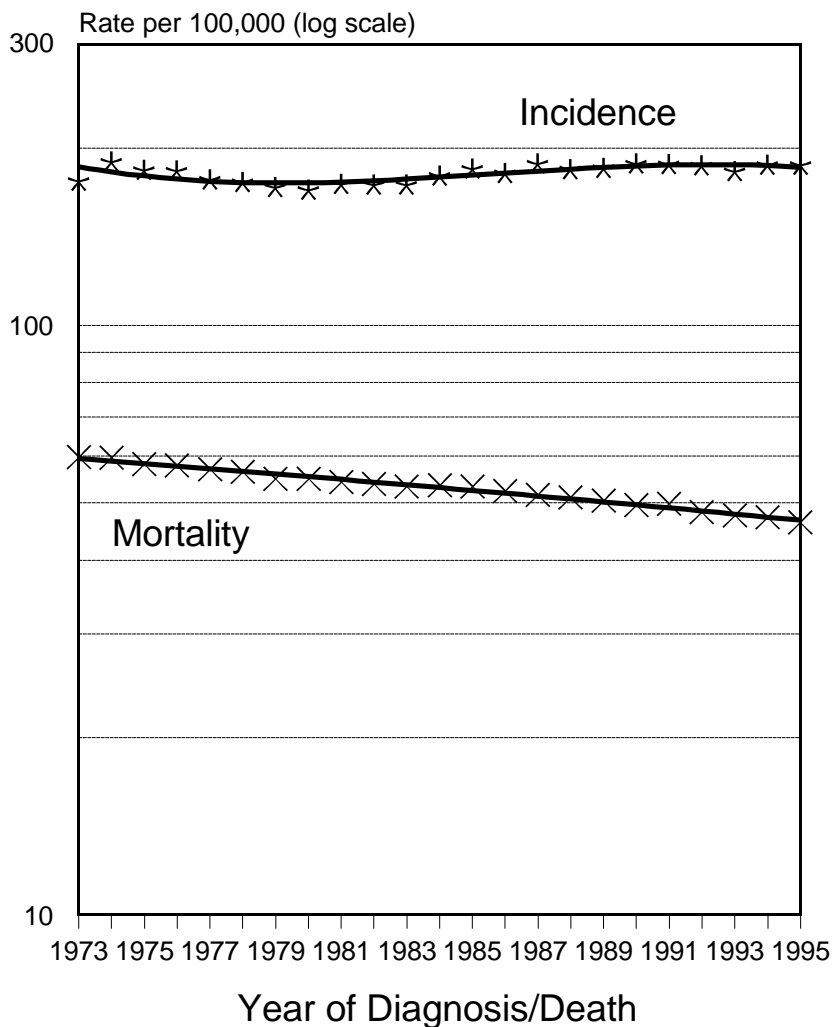


Figure II-11

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

## White

## Black

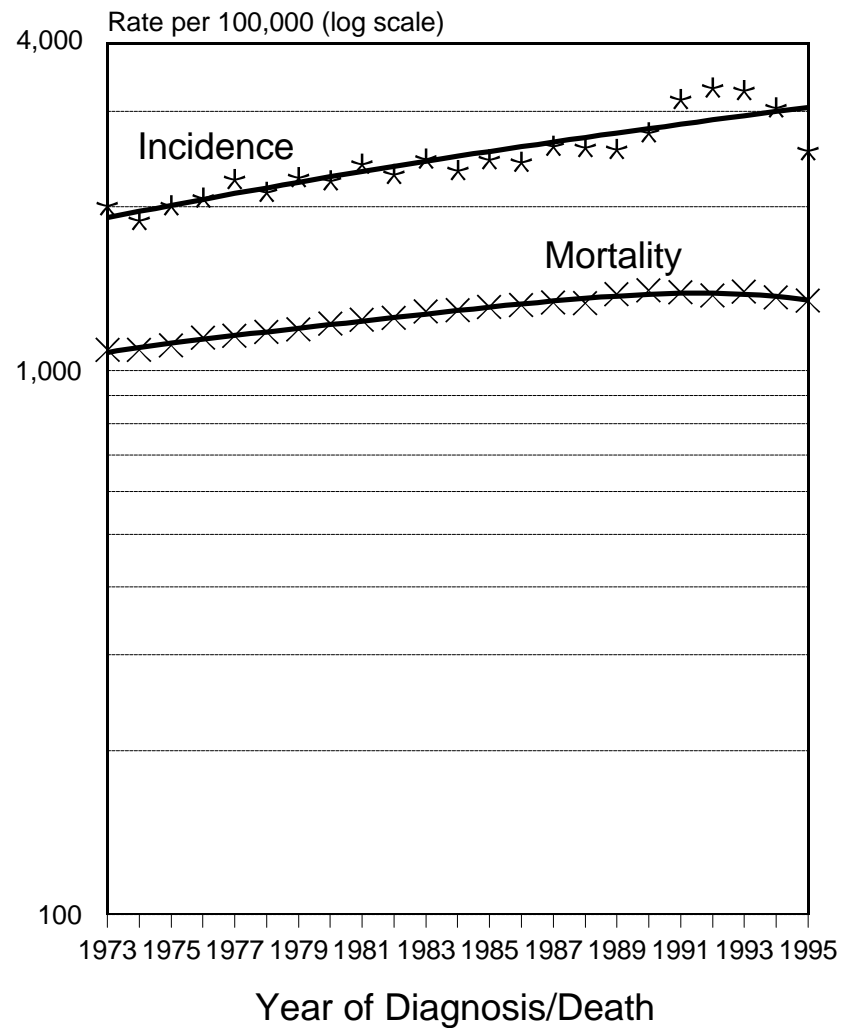
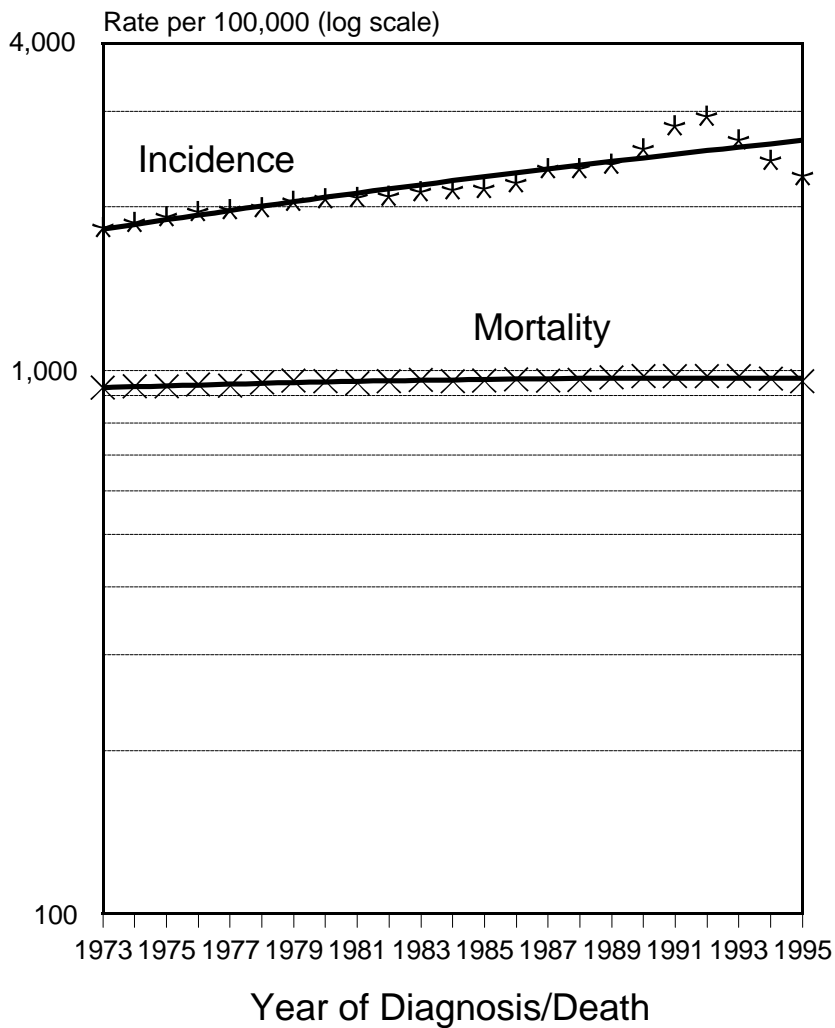


Figure II-12

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

White

Black

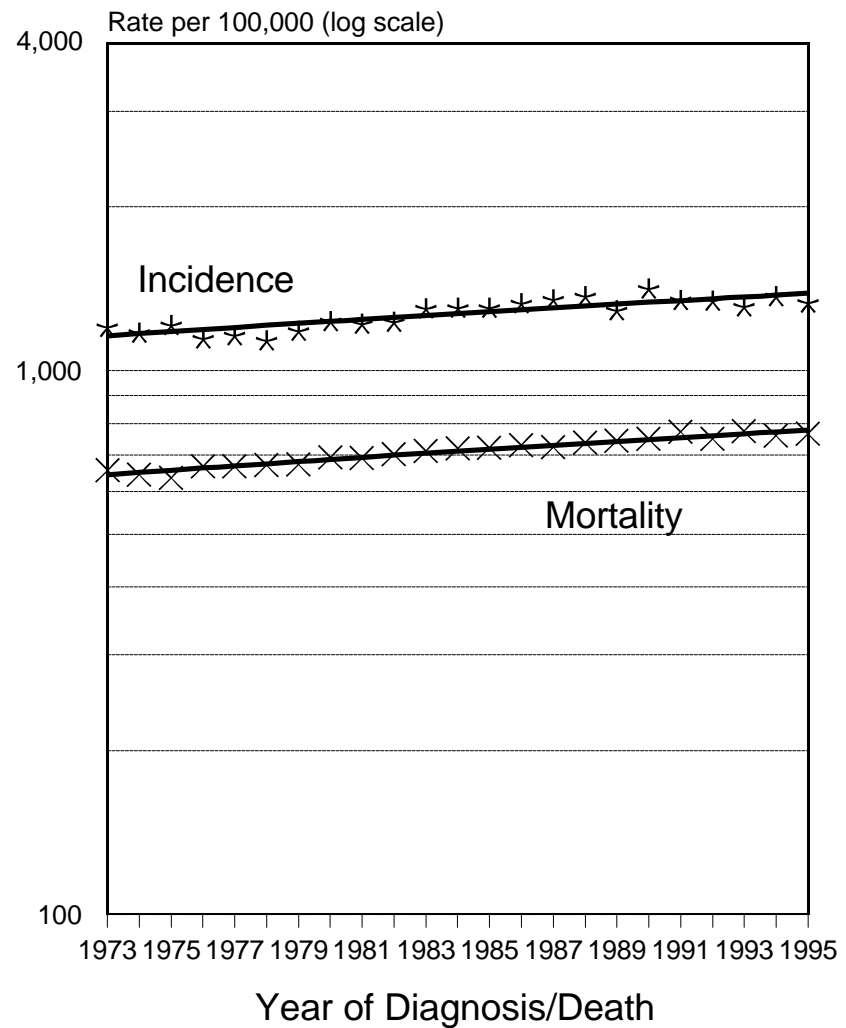
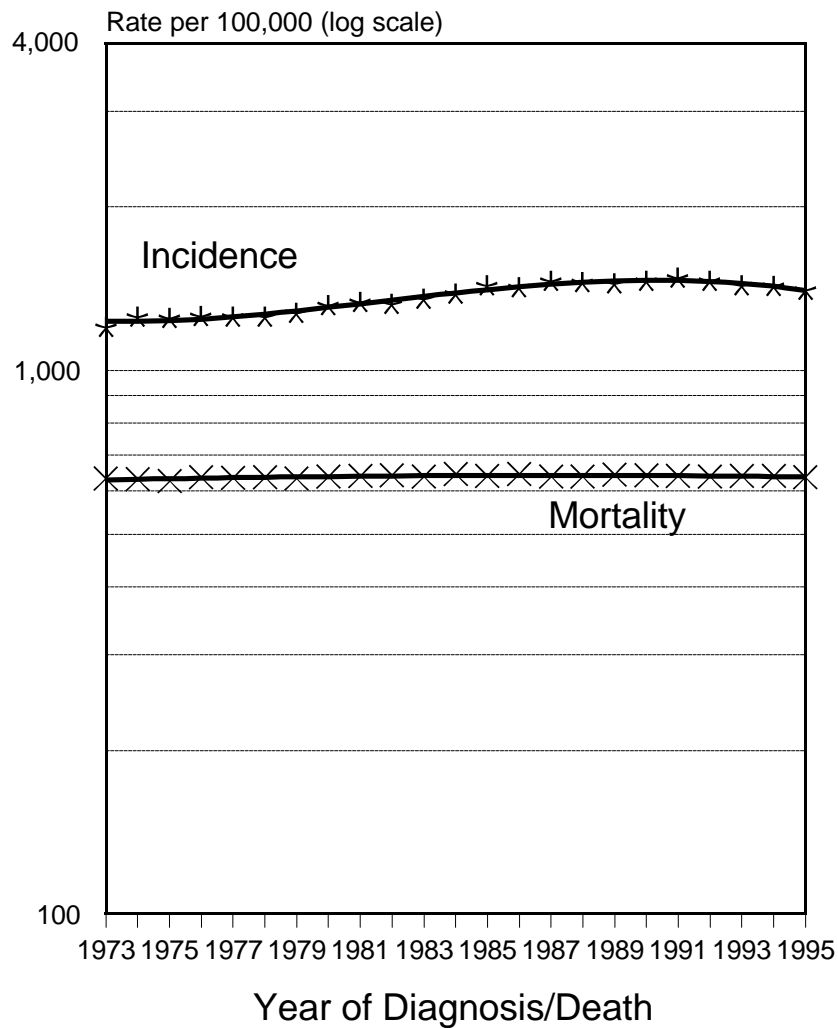
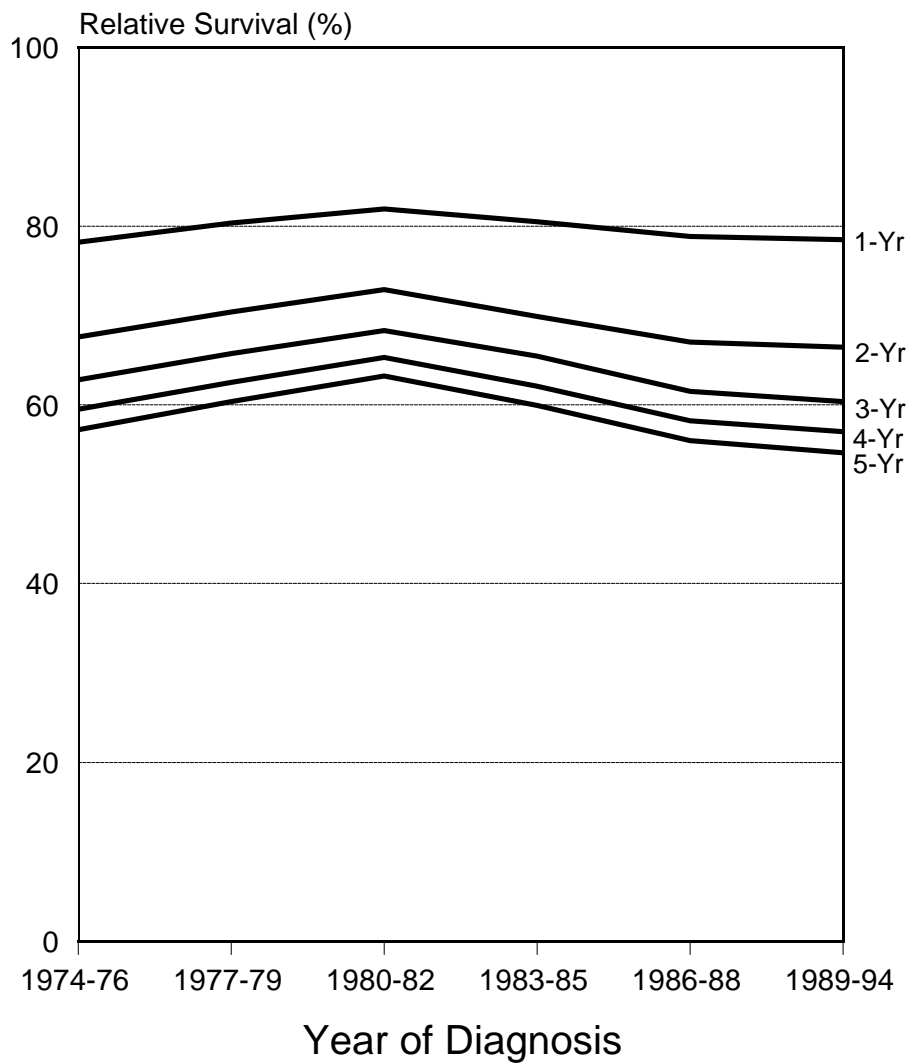


Figure II-13

# 1 to 5-Year Relative Survival Rates All Cancers, Under 45 Years of Age 1974-1976 to 1989-1994

## Male



## Female

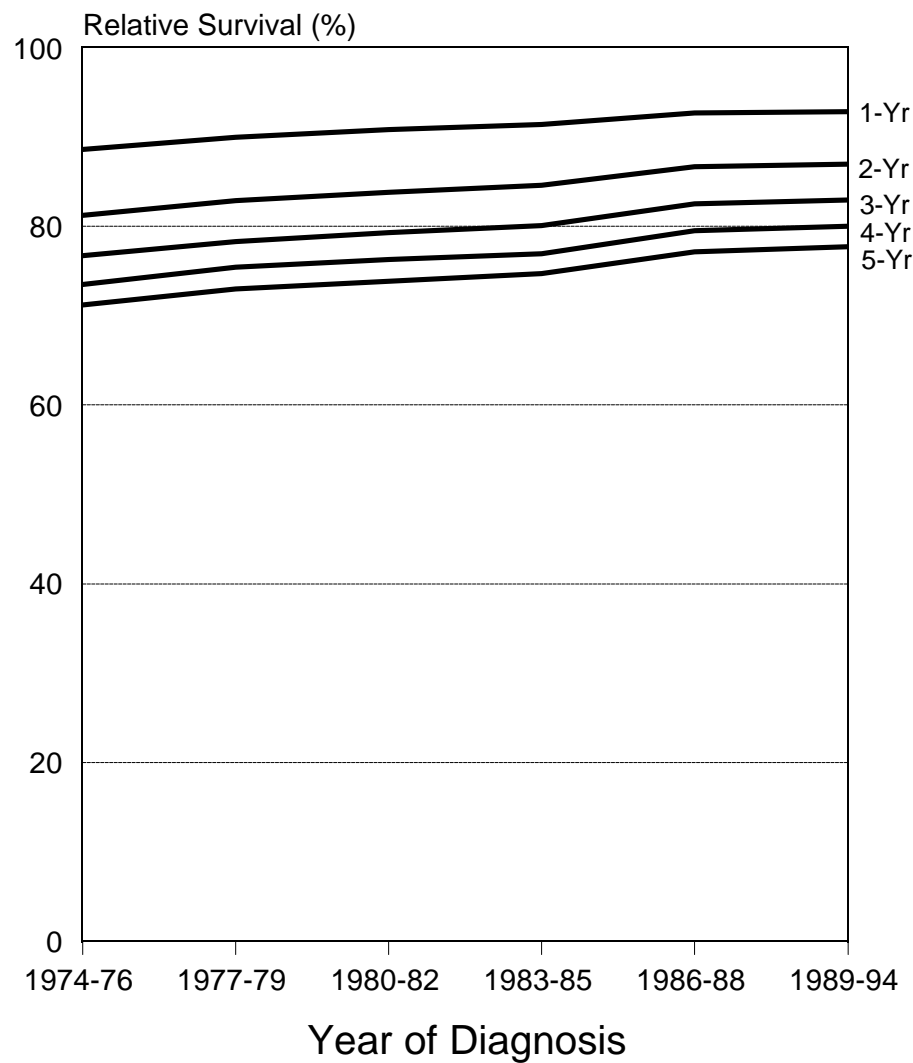
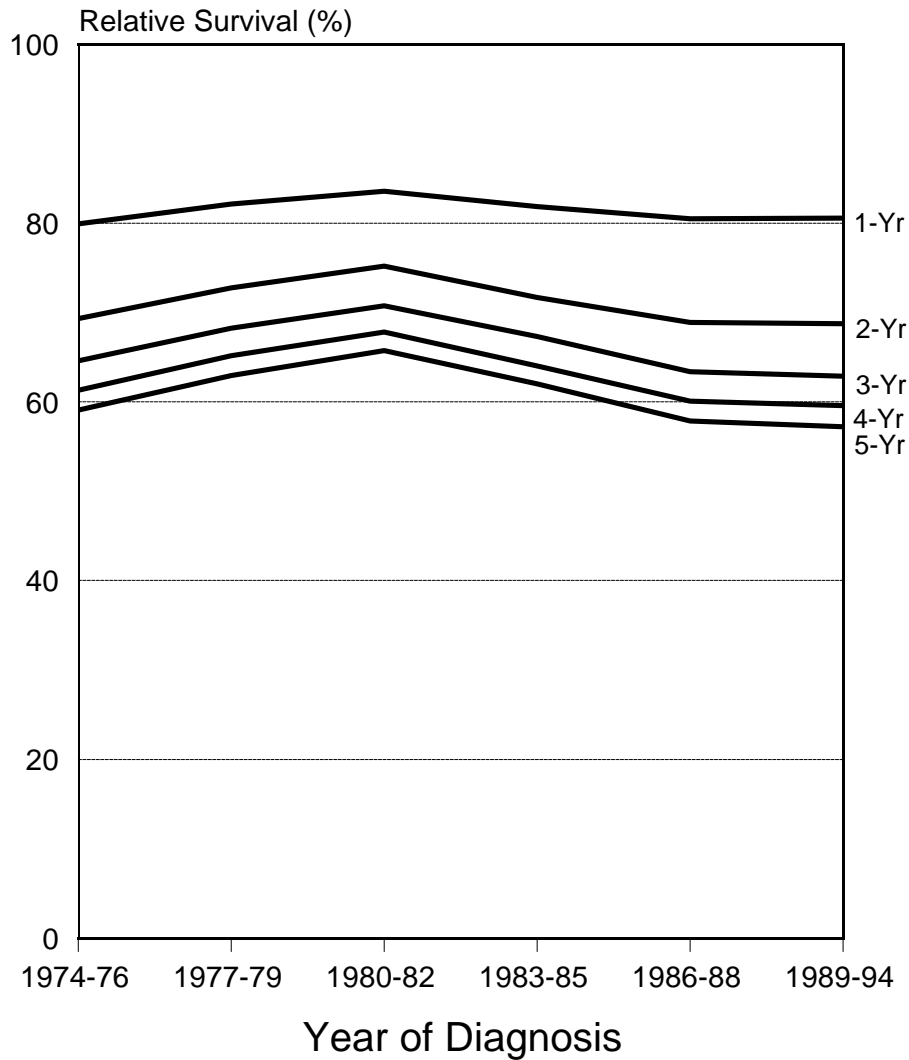


Figure II-14

# 1 to 5-Year Relative Survival Rates All Cancers, White, Under 45 Years of Age 1974-1976 to 1989-1994

## Male



## Female

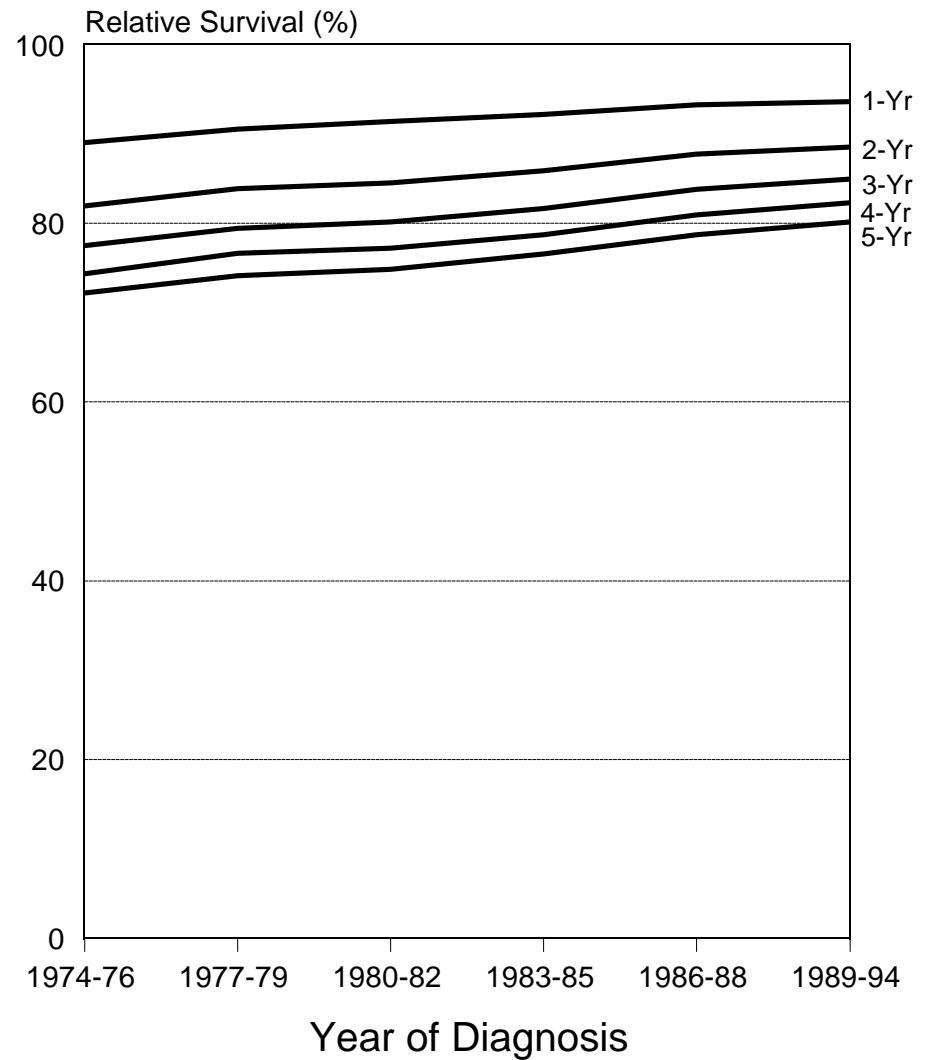
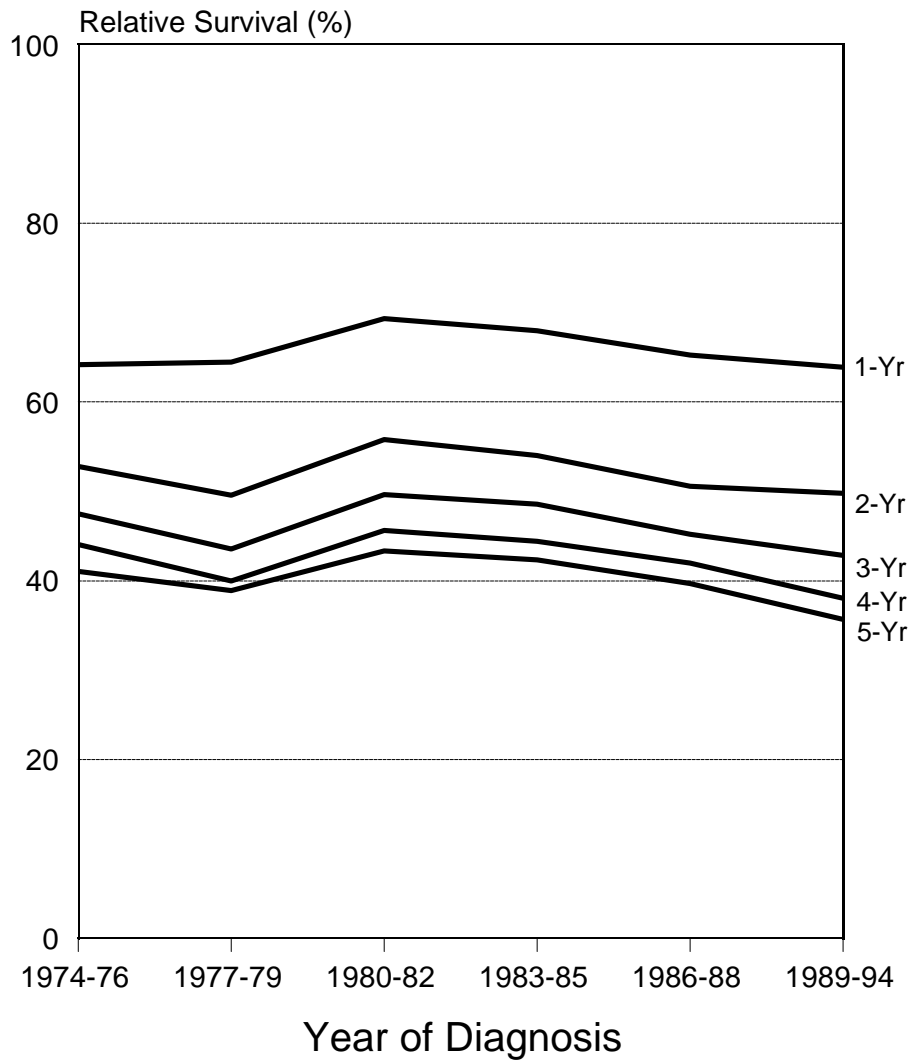


Figure II-15



# 1 to 5-Year Relative Survival Rates All Cancers, Black, Under 45 Years of Age 1974-1976 to 1989-1994

## Male



## Female

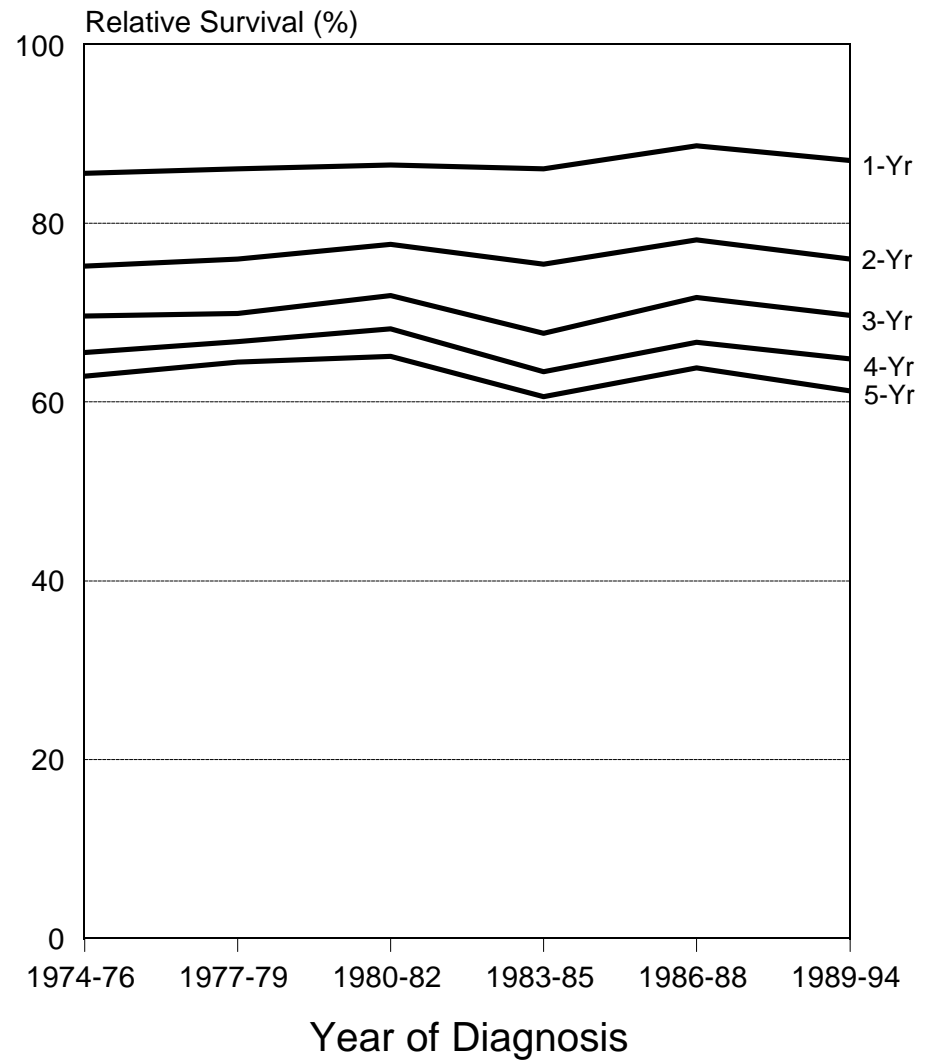


Figure II-16

# 1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, Under 45 Years of Age 1974-1976 to 1989-1994

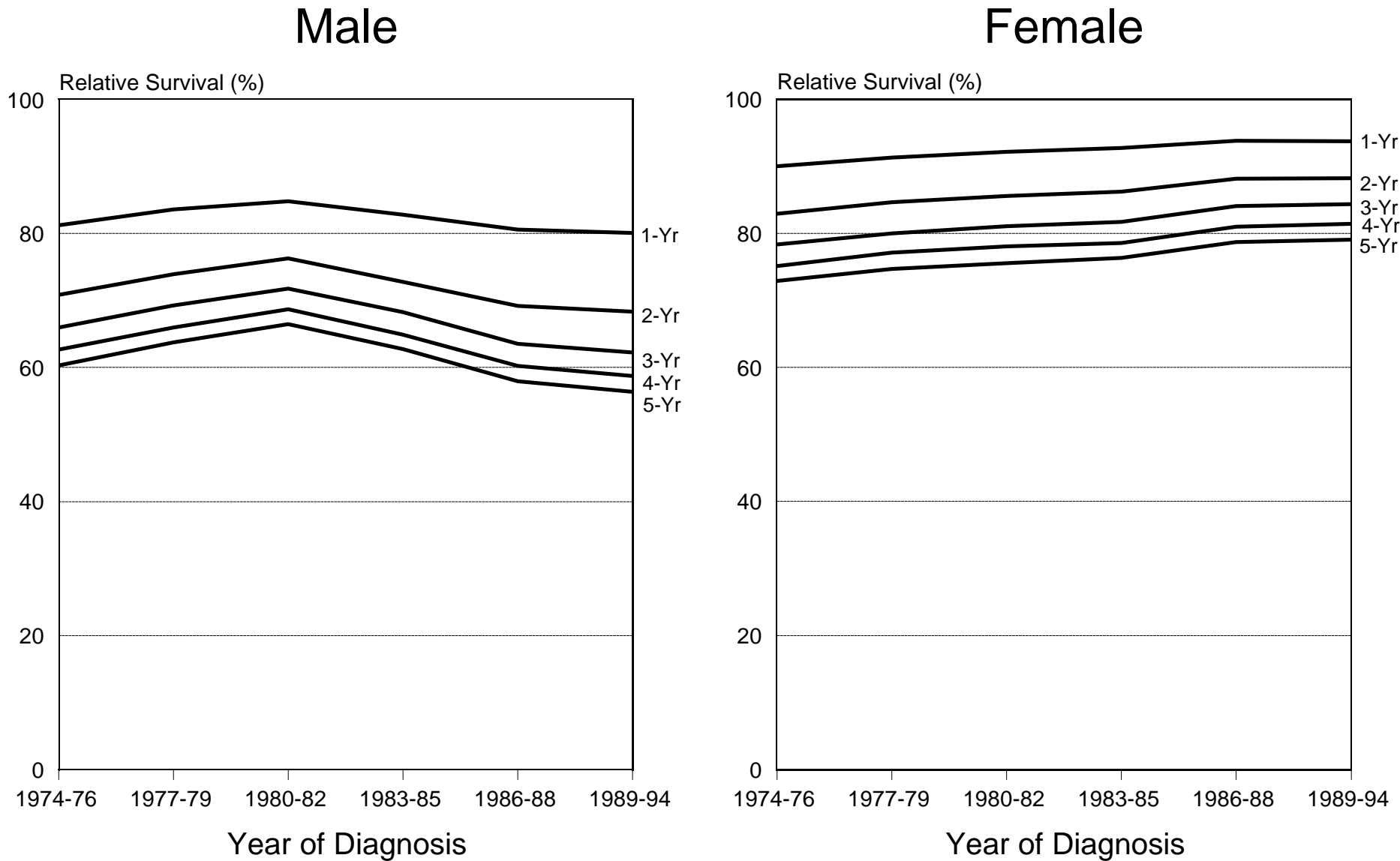


Figure II-17

# 1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, White, Under 45 Years of Age 1974-1976 to 1989-1994

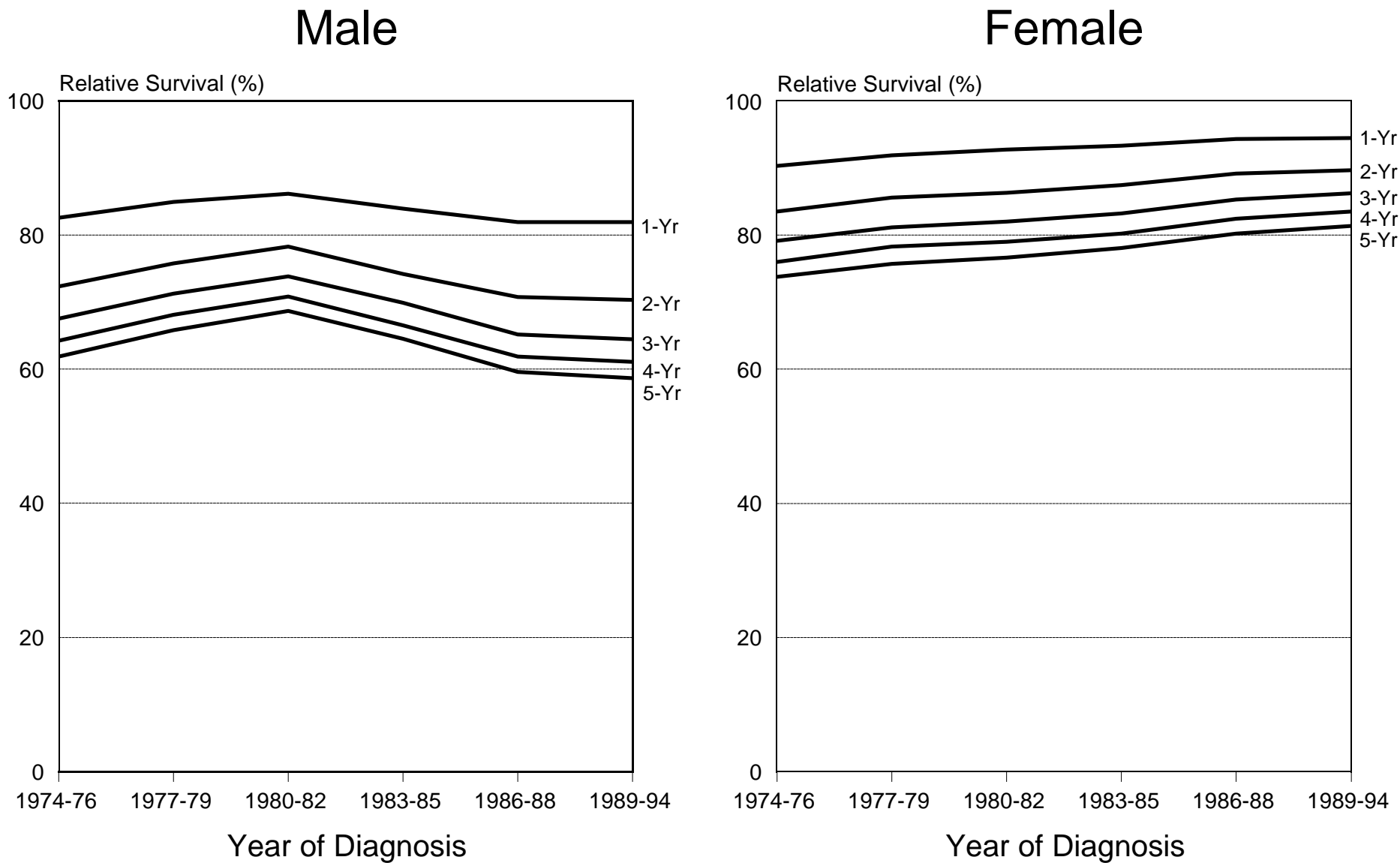


Figure II-18

# 1 to 5-Year Relative Survival Rates All Cancers Except Lung & Bronchus, Black, Under 45 Years of Age 1974-1976 to 1989-1994

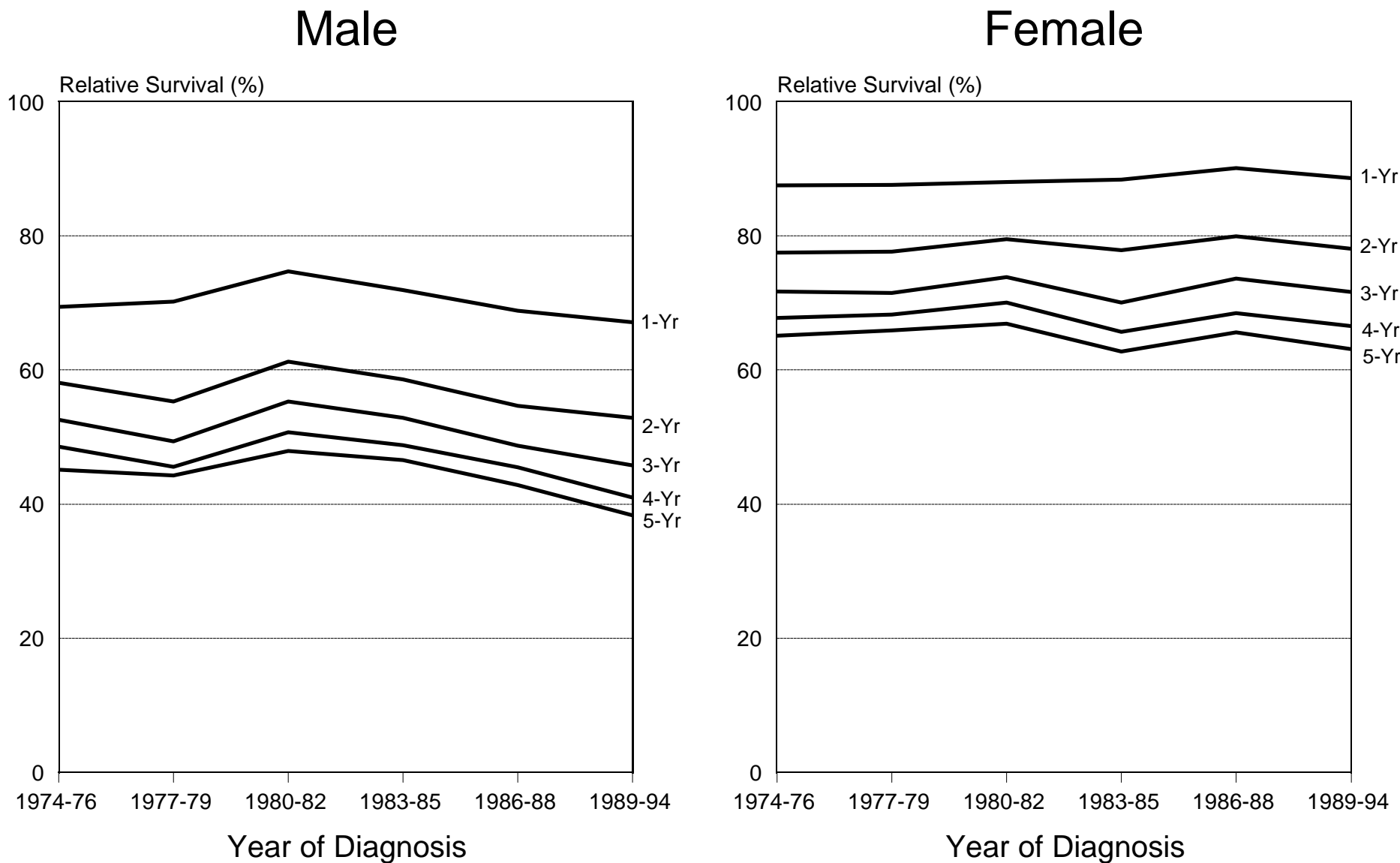


Figure II-19