

Table II-1
ALL SITES (Invasive)

TRENDS IN SEER INCIDENCE^a AND U.S. MORTALITY^b USING THE JOINPOINT REGRESSION PROGRAM, 1975-2000
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Segment 1</u>		<u>Joinpoint Segment 2</u>		<u>Joinpoint Segment 3</u>		<u>Joinpoint Segment 4</u>	
		Year	APC	Year	APC	Year	APC	Year	APC
<u>SEER Cancer Incidence^a</u>									
All Races	Male and Female	1975-1983	0.9 ^c	1983-1992	1.8 ^c	1992-1995	-1.8	1995-2000	0.1
All Races	Male	1975-1989	1.3 ^c	1989-1992	5.1 ^c	1992-1995	-4.8 ^c	1995-2000	-0.1
All Races	Female	1975-1979	-0.3	1979-1987	1.6 ^c	1987-2000	0.3 ^c		
White	Male and Female	1975-1982	0.8 ^c	1982-1992	1.8 ^c	1992-1995	-1.9	1995-2000	0.2
White	Male	1975-1989	1.4 ^c	1989-1992	4.9 ^c	1992-1995	-5.1 ^c	1995-2000	0.0
White	Female	1975-1979	-0.2	1979-1987	1.7 ^c	1987-2000	0.3 ^c		
Black	Male and Female	1975-1983	1.7 ^c	1983-1989	0.6	1989-1992	4.3 ^c	1992-2000	-1.3 ^c
Black	Male	1975-1981	2.8 ^c	1981-1989	0.6	1989-1992	6.9 ^c	1992-2000	-2.2 ^c
Black	Female	1975-1991	1.1 ^c	1991-2000	-0.2				
<u>SEER Delay-Adjusted Incidence^a</u>									
All Races	Male and Female	1975-1983	0.9 ^c	1983-1992	1.9 ^c	1992-1995	-1.8	1995-2000	0.6
All Races	Male	1975-1989	1.4 ^c	1989-1992	5.2 ^c	1992-1995	-4.8 ^c	1995-2000	0.5
All Races	Female	1975-1979	-0.3	1979-1987	1.5 ^c	1987-2000	0.4 ^c		
White	Male	1975-1989	1.4 ^c	1989-1992	5.1 ^c	1992-1995	-5.1 ^c	1995-2000	0.7 ^c
White	Female	1975-1979	-0.2	1979-1987	1.6 ^c	1987-2000	0.6 ^c		
Black	Male	1975-1981	2.8 ^c	1981-1989	0.7	1989-1992	6.8 ^c	1992-2000	-1.7 ^c
Black	Female	1975-1991	1.2 ^c	1991-2000	0.2				
<u>U.S. Cancer Mortality^b</u>									
All Races	Male and Female	1975-1990	0.5 ^c	1990-1994	-0.4	1994-1998	-1.4 ^c	1998-2000	-0.3
All Races	Male	1975-1980	0.9 ^c	1980-1992	0.2 ^c	1992-2000	-1.5 ^c		
All Races	Female	1975-1990	0.6 ^c	1990-1995	-0.2	1995-1998	-1.3 ^c	1998-2000	0.1
White	Male and Female	1975-1990	0.4 ^c	1990-1994	-0.3	1994-1998	-1.3 ^c	1998-2000	-0.1
White	Male	1975-1980	0.8 ^c	1980-1992	0.2 ^c	1992-2000	-1.4 ^c		
White	Female	1975-1990	0.6 ^c	1990-1995	-0.2	1995-1998	-1.3 ^c	1998-2000	0.3
Black	Male and Female	1975-1984	1.3 ^c	1984-1992	0.6 ^c	1992-2000	-1.4 ^c		
Black	Male	1975-1982	1.8 ^c	1982-1990	1.0 ^c	1990-1993	-0.3	1993-2000	-1.9 ^c
Black	Female	1975-1991	1.0 ^c	1991-2000	-0.6 ^c				

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

^a Trends are from the SEER 9 areas.

^b Trends are from the NCHS public use data file.

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

Table II-2
ALL SITES (Invasive)

SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES^a, 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>									
1975	400.2	466.4	365.8	401.9	468.2	369.5	425.5	523.9	356.1
1976	407.2	480.9	367.2	409.5	481.5	373.0	427.2	552.5	340.5
1977	407.5	486.3	363.4	409.0	486.9	367.6	442.1	577.4	351.4
1978	407.2	488.3	362.1	409.6	489.6	367.8	436.2	570.4	343.8
1979	412.3	496.2	365.3	413.7	497.2	369.3	451.7	590.2	359.1
1980	417.6	505.4	367.6	419.0	504.8	372.8	466.7	613.6	366.3
1981	425.0	510.6	376.8	427.3	510.6	383.4	471.6	632.8	361.9
1982	424.2	510.7	375.9	427.3	511.9	382.9	464.7	621.0	359.2
1983	430.8	519.6	380.4	433.8	520.3	387.4	486.5	644.9	381.8
1984	439.6	525.1	392.0	443.0	527.0	398.9	486.7	643.3	383.9
1985	448.4	530.7	402.8	452.5	532.4	410.7	488.2	642.2	387.7
1986	451.1	537.9	402.0	455.3	542.1	408.5	492.5	641.8	395.7
1987	467.8	562.8	413.2	474.4	567.8	423.1	499.6	664.4	392.8
1988	464.5	557.9	410.9	470.6	564.2	419.3	504.0	656.3	405.4
1989	468.6	566.5	410.4	475.7	572.6	420.5	492.0	659.1	385.1
1990	482.5	592.0	417.2	489.1	597.9	426.5	521.3	698.6	408.8
1991	503.3	636.5	420.4	510.4	642.8	429.9	548.4	763.5	412.4
1992	511.2	656.8	417.1	516.7	660.7	425.5	567.0	805.3	413.0
1993	493.7	620.6	410.2	496.6	617.3	418.8	565.9	813.5	403.1
1994	483.5	587.9	415.2	486.8	584.8	424.3	555.2	776.1	409.5
1995	476.3	568.7	416.1	480.8	566.3	426.8	538.1	737.8	404.5
1996	477.6	568.2	418.7	482.2	567.7	428.4	534.0	715.6	413.7
1997	484.1	570.5	428.3	490.2	569.7	440.6	531.3	723.2	406.1
1998	484.5	566.0	432.5	491.8	567.8	444.8	523.5	702.0	408.5
1999	483.1	569.1	426.3	489.0	567.8	438.1	525.3	700.1	411.0
2000	472.9	560.2	413.8	478.9	558.0	426.8	512.4	689.7	394.0
<u>AGE-ADJUSTED RATES, 1996-2000</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	480.4	566.7	423.9	486.4	566.1	435.7	525.1	705.9	406.4
Under 65	228.1	222.5	234.4	230.3	220.6	240.9	258.2	300.4	224.1
65 and over	2,224.5	2,946.4	1,733.1	2,256.5	2,954.1	1,782.2	2,369.8	3,508.9	1,666.6
All ages (world std.) ^b	325.4	369.8	293.9	329.8	369.1	302.9	360.2	471.9	281.3
<u>AGE-SPECIFIC RATES, 1996-2000</u>									
<u>AGE AT DIAGNOSIS:</u>									
<1	22.7	21.6	24.0	22.2	21.7	22.7	21.0	-	25.0
1-4	20.1	21.4	18.7	21.8	23.2	20.3	12.7	13.2	12.2
5-9	11.1	12.2	9.8	11.8	12.8	10.7	8.2	10.2	6.1
10-14	12.5	12.9	12.1	13.1	13.1	13.0	9.9	10.7	9.1
15-19	20.3	20.7	19.9	21.8	22.1	21.3	14.3	14.4	14.2
20-24	35.2	33.3	37.3	38.1	36.1	40.3	26.0	24.1	27.7
25-29	54.7	47.5	62.1	59.2	51.7	67.3	41.6	35.1	47.3
30-34	83.3	66.8	100.2	85.9	69.3	103.4	77.4	60.9	92.3
35-39	128.9	94.5	163.3	131.9	96.8	168.0	120.3	93.4	144.0
40-44	209.4	150.6	267.3	210.0	148.9	271.7	224.6	190.8	254.2
45-49	345.6	269.5	419.5	344.0	262.1	425.8	395.4	381.6	407.3
50-54	563.4	520.4	604.9	564.2	509.3	618.2	662.3	760.9	578.1
55-59	897.7	955.3	842.8	901.9	940.3	864.5	1,081.4	1,371.5	837.4
60-64	1,328.3	1,577.4	1,101.1	1,343.9	1,562.2	1,139.7	1,593.3	2,214.0	1,096.7
65-69	1,824.1	2,316.9	1,404.3	1,860.7	2,320.5	1,459.5	2,041.8	2,946.7	1,358.7
70-74	2,242.4	2,942.6	1,696.8	2,280.4	2,942.2	1,756.7	2,482.9	3,712.7	1,653.6
75-79	2,449.4	3,240.3	1,896.0	2,482.0	3,249.2	1,946.7	2,586.4	3,810.5	1,817.5
80-84	2,523.9	3,374.1	2,017.8	2,553.2	3,393.9	2,056.6	2,535.8	3,760.4	1,909.3
85+	2,337.0	3,341.3	1,923.2	2,348.2	3,358.8	1,945.7	2,294.8	3,519.1	1,831.3

^a SEER 9 areas. Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups, unless noted.

^b SEER 9 areas. Rates are per 100,000 and are age-adjusted to the world standard population.

- Statistic not shown. Rate based on less than 25 cases for the time interval.

Table II-3
ALL SITES (Invasive)U.S. DEATH RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES^a, 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>									
1975	199.1	258.4	160.0	196.3	254.0	159.0	235.5	320.5	174.2
1976	202.3	262.2	162.7	199.4	257.5	161.7	241.8	328.4	179.1
1977	203.0	264.2	162.9	199.7	258.8	161.6	246.4	337.9	181.6
1978	204.4	267.1	163.8	201.1	261.6	162.5	247.2	340.9	181.5
1979	204.5	268.7	163.1	201.2	263.2	161.7	249.0	344.7	182.7
1980	207.0	271.1	165.8	203.3	265.0	164.2	256.2	353.9	189.2
1981	206.4	269.8	165.9	202.6	263.3	164.6	256.8	358.6	187.5
1982	208.3	272.9	167.4	204.5	266.3	166.1	260.4	364.9	190.2
1983	209.2	274.1	168.3	205.2	267.2	166.7	263.8	369.3	193.2
1984	210.9	275.1	170.5	206.7	267.6	169.0	268.1	377.9	195.7
1985	211.3	275.7	171.0	207.3	268.2	169.6	268.1	377.8	196.3
1986	211.8	276.0	171.6	207.7	268.8	170.0	269.4	378.9	199.1
1987	211.9	276.3	171.5	207.8	269.0	169.9	271.1	383.2	199.9
1988	212.6	276.9	172.5	208.5	269.5	170.9	271.6	384.2	200.4
1989	214.3	278.5	174.3	210.0	270.2	172.9	275.9	395.3	200.9
1990	214.9	279.8	174.7	210.4	271.5	172.9	279.3	399.1	205.4
1991	215.1	279.1	175.3	210.6	271.2	173.4	279.0	395.9	207.4
1992	213.5	276.5	174.4	209.2	268.9	172.6	274.9	389.2	205.8
1993	213.4	275.9	174.5	209.2	267.9	172.8	277.1	394.8	206.3
1994	211.7	272.1	174.1	207.8	264.7	172.6	272.0	385.2	204.1
1995	209.9	268.5	173.4	206.1	261.5	171.7	269.5	379.0	204.5
1996	207.0	263.7	171.2	203.4	256.8	169.8	265.3	373.7	200.9
1997	203.6	258.1	169.0	199.9	251.6	167.3	262.1	363.2	202.5
1998	200.8	253.6	166.9	197.6	247.6	165.4	255.7	353.1	198.4
1999	200.7	252.8	167.2	197.8	247.1	165.9	253.8	349.2	197.5
2000	199.6	249.8	167.3	197.1	244.6	166.4	249.6	343.3	194.3
<u>AGE-ADJUSTED RATES, 1996-2000</u>									
<u>AGE AT DEATH:</u>									
All ages	202.3	255.5	168.3	199.1	249.5	166.9	257.1	356.2	198.6
Under 65	68.4	73.8	63.4	66.0	70.4	61.9	98.2	116.0	83.9
65 and over	1,128.0	1,511.6	893.1	1,119.2	1,487.1	892.9	1,355.6	2,016.4	991.8
All ages (world std.) ^b	122.4	148.3	104.0	120.1	144.2	102.9	160.4	212.2	126.5
<u>AGE-SPECIFIC RATES, 1996-2000</u>									
<u>AGE AT DEATH:</u>									
<1	2.2	2.2	2.2	2.3	2.3	2.3	1.7	1.8	-
1-4	2.7	2.9	2.5	2.7	3.0	2.5	2.5	2.5	2.4
5-9	2.5	2.7	2.3	2.6	2.8	2.3	2.4	2.6	2.3
10-14	2.6	2.8	2.3	2.6	2.8	2.3	2.5	2.8	2.3
15-19	3.7	4.2	3.0	3.6	4.2	3.0	4.0	4.6	3.5
20-24	5.3	6.1	4.3	5.2	6.1	4.2	6.2	7.3	5.3
25-29	7.6	7.8	7.4	7.5	7.7	7.2	9.5	9.5	9.5
30-34	13.5	12.5	14.6	13.1	12.3	14.0	17.5	15.1	19.6
35-39	25.8	22.4	29.2	24.4	21.4	27.5	38.0	31.3	43.9
40-44	50.6	46.3	54.8	47.7	43.6	51.8	76.4	72.1	80.2
45-49	95.6	95.1	96.0	90.0	88.3	91.7	149.8	162.0	139.3
50-54	172.6	180.8	164.9	165.5	170.2	161.0	262.9	309.8	223.3
55-59	299.5	334.0	267.2	290.1	318.5	263.2	431.4	540.4	342.8
60-64	480.6	561.1	408.1	470.9	542.6	405.1	649.2	838.7	500.8
65-69	706.2	863.5	572.5	699.0	846.3	571.4	885.4	1,175.8	670.3
70-74	974.4	1,232.9	773.8	963.2	1,206.1	771.7	1,238.8	1,742.2	906.5
75-79	1,220.0	1,601.3	956.6	1,210.6	1,573.1	957.7	1,473.4	2,177.1	1,049.3
80-84	1,495.4	2,069.3	1,163.9	1,488.7	2,042.7	1,166.4	1,718.9	2,722.7	1,225.9
85+	1,791.7	2,716.5	1,423.9	1,782.9	2,690.0	1,423.9	2,010.5	3,343.4	1,507.7

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups, unless noted.

^b NCHS public use data file. Rates are per 100,000 and are age-adjusted to the world standard population.

- Statistic not shown. Rate based on less than 25 cases for the time interval.

Table II-4
ALL SITES (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	39	-	-	27	-	-
1970-1973 ^a	-	-	-	43	-	-	31	-	-
1974-1976 ^b	49.6	41.1	57.1	50.6	42.2	57.8	39.2	31.7	47.1
1977-1979 ^b	50.1	43.3	56.3	51.2	44.6	57.1	39.3	32.4	46.7
1980-1982 ^b	51.0	45.3	56.3	52.1	46.7	57.1	39.8	34.3	46.1
1983-1985 ^b	52.5	46.9	57.8	53.9	48.5	58.8	39.8	34.5	45.5
1986-1988 ^b	55.3	50.1	60.4	56.8	51.8	61.5	42.7	37.8	48.0
1989-1991 ^b	58.8	56.0	61.8	60.3	57.8	63.0	46.2	43.4	49.4
1992-1999 ^b	63.0 ^c	62.6 ^c	63.5 ^c	64.4 ^c	64.2 ^c	64.7 ^c	53.3 ^c	55.0 ^c	51.5 ^c
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	73.0	63.3	80.1	75.5	66.5	82.3	56.7	43.9	66.0
45-54	67.4	58.8	73.9	69.7	61.3	76.0	53.1	48.0	58.2
55-64	64.1	63.5	64.9	65.7	65.1	66.4	55.4	58.4	50.9
65-74	62.6	66.1	57.9	63.7	67.1	59.1	55.5	62.3	44.7
75+	53.4	58.4	49.0	54.5	59.4	50.2	43.8	52.5	35.4
Under 65	67.5	62.2	72.3	69.4	64.4	74.1	55.0	52.0	58.3
65 and over	58.9	63.4	53.9	60.0	64.4	55.0	51.4	59.4	40.8

- ^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
- ^b Rates are from the SEER 9 areas. 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 into 2000.
- ^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant ($p < .05$).
- ^d The standard error of the survival rate is between 5 and 10 percentage points.
- ^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table II-5
ALL SITES (Invasive)

INCIDENCE, DEATH, AND SURVIVAL RATES^c

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Incidence																		
SEER ^a	407.0	427.6	448.4	451.1	467.8	464.5	468.6	482.5	503.3	511.2	493.7	483.5	476.3	477.6	484.1	484.5	483.1	472.9
Mortality																		
U.S. ^b	202.8	208.4	211.3	211.8	211.9	212.6	214.3	214.9	215.1	213.5	213.4	211.7	209.9	207.0	203.6	200.8	200.7	199.6
SEER ^a	202.4	204.6	208.0	203.3	203.3	204.9	207.5	201.7	206.1	203.6	201.6	201.1	197.1	195.0	191.0	191.2	189.5	187.9
Relative Survival Rates (SEER ^a)																		
1-year	70.0	71.6	73.1	73.5	74.1	74.3	74.8	75.7	77.3	77.9	77.3	77.1	77.1	77.6	78.2	78.5	78.9	
2-year	60.3	62.1	63.8	64.1	65.2	65.5	66.2	67.3	69.3	70.4	70.0	69.7	69.9	70.7	71.4	71.7		
3-year	55.4	57.1	58.9	59.4	60.5	61.1	61.8	63.1	65.2	66.7	66.3	66.1	66.4	67.4	68.0			
4-year	52.2	53.8	55.7	56.4	57.6	58.3	58.9	60.4	62.7	64.4	64.0	63.7	64.2	65.2				
5-year	50.0	51.4	53.4	54.3	55.5	56.2	56.8	58.6	60.8	62.6	62.3	62.2	62.7					
6-year	48.3	49.6	51.8	52.6	53.8	54.6	55.3	57.1	59.3	61.3	61.1	60.9						
7-year	47.0	48.1	50.4	51.3	52.3	53.2	54.0	55.7	58.1	60.0	59.9							
8-year	45.9	46.9	49.3	50.2	51.2	52.1	52.8	54.7	57.0	59.0								
9-year	45.0	45.9	48.2	49.3	50.2	51.2	52.0	53.7	56.1									
10-year	44.2	45.0	47.4	48.5	49.5	50.5	51.3	52.8										
11-year	43.5	44.3	46.7	47.9	48.8	49.8	50.6											
12-year	42.9	43.8	46.2	47.3	48.2	49.0												
13-year	42.5	43.3	45.7	46.8	47.4													
14-year	42.1	42.9	45.2	46.2														
15-year	41.7	42.5	44.7															
16-year	41.5	42.1																
17-year	41.2																	
18-year	41.1																	
19-year	41.0																	
20-year	40.9																	

^a Rates are from the SEER 9 areas.

^b Rates are from the NCHS public use data file.

^c Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are relative rates expressed as percents.

Table II-6
ALL SITES (Invasive)

INCIDENCE, DEATH, AND SURVIVAL RATES^c

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Incidence																		
SEER ^a	483.9	514.5	530.7	537.9	562.8	557.9	566.5	592.0	636.5	656.8	620.6	587.9	568.7	568.2	570.5	566.0	569.1	560.2
Mortality																		
U.S. ^b	264.2	272.6	275.7	276.0	276.3	276.9	278.5	279.8	279.1	276.5	275.9	272.1	268.5	263.7	258.1	253.6	252.8	249.8
SEER ^a	262.4	264.2	267.5	261.9	259.1	261.4	262.2	258.0	260.9	260.5	255.7	256.2	247.2	243.2	236.0	236.7	234.5	231.5
Relative Survival Rates (SEER ^a)																		
1-year	64.5	67.6	69.1	69.7	70.9	71.1	72.0	73.7	76.3	77.5	76.6	76.1	75.9	76.8	77.4	77.2	78.2	
2-year	53.9	57.2	58.9	59.3	61.1	61.4	62.8	64.6	68.1	70.0	69.3	68.3	68.5	69.9	70.6	70.6		
3-year	48.5	51.9	53.6	54.2	56.0	56.5	57.9	60.2	64.1	66.6	65.7	65.0	65.2	66.8	67.6			
4-year	45.1	48.4	50.1	50.8	52.8	53.3	54.7	57.3	61.5	64.4	63.6	62.7	63.2	64.7				
5-year	42.7	45.8	47.7	48.6	50.6	51.1	52.4	55.4	59.6	62.7	62.0	61.3	61.8					
6-year	40.8	43.8	46.0	46.7	48.8	49.2	50.7	53.7	58.0	61.4	60.9	60.1						
7-year	39.3	42.2	44.3	45.3	47.0	47.5	49.2	52.2	56.7	60.1	59.7							
8-year	38.0	40.8	43.2	44.1	45.6	46.2	47.9	51.0	55.4	58.9								
9-year	36.9	39.7	42.0	42.8	44.5	45.1	46.8	50.0	54.5									
10-year	35.8	38.8	41.1	41.9	43.6	44.2	45.9	48.9										
11-year	34.9	38.0	40.3	41.2	42.7	43.6	45.1											
12-year	34.2	37.3	39.5	40.5	41.9	42.6												
13-year	33.6	36.8	39.0	39.8	41.2													
14-year	33.0	36.3	38.2	39.1														
15-year	32.5	35.9	37.6															
16-year	32.1	35.4																
17-year	31.7																	
18-year	31.5																	
19-year	31.4																	
20-year	31.2																	

^a Rates are from the SEER 9 areas.

^b Rates are from the NCHS public use data file.

^c Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are relative rates expressed as percents.

Table II-7
ALL SITES (Invasive)

INCIDENCE, DEATH, AND SURVIVAL RATES^c

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
Incidence																			
SEER ^a	364.8	378.7	402.8	402.0	413.2	410.9	410.4	417.2	420.4	417.1	410.2	415.2	416.1	418.7	428.3	432.5	426.3	413.8	
Mortality																			
U.S. ^b	162.5	167.6	171.0	171.6	171.5	172.5	174.3	174.7	175.3	174.4	174.5	174.1	173.4	171.2	169.0	166.9	167.2	167.3	
SEER ^a	164.0	167.3	171.1	166.7	168.7	169.7	173.9	166.8	172.8	168.1	167.9	166.5	166.1	165.2	162.8	162.1	160.8	159.9	
Relative Survival Rates (SEER ^a)																			
1-year	75.3	75.7	77.0	77.3	77.5	77.5	77.8	77.9	78.5	78.4	78.1	78.1	78.5	78.4	79.1	79.7	79.6		
2-year	66.6	66.9	68.6	68.9	69.4	69.6	69.8	70.3	70.6	71.0	70.9	71.1	71.4	71.6	72.1	72.8			
3-year	61.9	62.1	64.0	64.6	65.0	65.7	65.7	66.1	66.4	67.0	67.0	67.3	67.4	68.1	68.5				
4-year	58.8	59.0	60.9	61.8	62.4	63.3	63.1	63.6	64.0	64.4	64.4	64.8	65.3	65.7					
5-year	56.6	56.7	58.7	59.6	60.3	61.3	61.1	61.9	62.2	62.6	62.7	63.1	63.6						
6-year	55.0	54.9	57.1	58.1	58.6	59.8	59.7	60.4	60.8	61.2	61.3	61.7							
7-year	53.6	53.4	55.8	56.8	57.2	58.5	58.6	59.2	59.6	60.0	60.1								
8-year	52.6	52.2	54.7	55.8	56.4	57.6	57.5	58.3	58.6	59.2									
9-year	51.8	51.3	53.6	55.0	55.4	56.7	56.9	57.3	57.7										
10-year	51.0	50.4	52.8	54.2	54.8	56.0	56.2	56.5											
11-year	50.3	49.6	52.2	53.6	54.1	55.3	55.5												
12-year	49.7	49.1	51.7	53.0	53.5	54.5													
13-year	49.4	48.5	51.2	52.5	52.6														
14-year	48.9	48.1	50.8	52.0															
15-year	48.5	47.7	50.2																
16-year	48.2	47.1																	
17-year	47.9																		
18-year	47.7																		
19-year	47.5																		
20-year	47.2																		

^a Rates are from the SEER 9 areas.

^b Rates are from the NCHS public use data file.

^c Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are relative rates expressed as percents.

Table II-8
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 (12 SEER Areas) With Cancer and
 Lifetime Risk (Percent) of Dying (Total U.S.) From Cancer

1998-2000

All Races

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.17	0.33	0.67	45.19	0.16	0.32	0.75	38.67
10	0.16	0.51	1.21	45.88	0.16	0.61	1.79	39.14
20	0.35	1.06	2.89	46.02	0.45	1.63	4.60	39.12
30	0.72	2.57	8.57	46.34	1.20	4.19	10.05	38.99
40	1.90	8.03	21.49	46.64	3.05	9.01	18.28	38.49
50	6.43	20.55	36.53	46.92	6.23	15.91	26.89	37.02
60	15.91	33.92	43.70	45.63	10.59	22.61	31.30	33.70

Lifetime Risk of Being Diagnosed = 45.19%
 Lifetime Risk of Dying = 23.60%

Lifetime Risk of Being Diagnosed = 38.67%
 Lifetime Risk of Dying = 19.99%

Whites

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.19	0.36	0.73	45.40	0.17	0.34	0.81	39.99
10	0.17	0.55	1.28	45.97	0.17	0.65	1.87	40.38
20	0.38	1.11	2.92	46.09	0.48	1.71	4.74	40.35
30	0.74	2.58	8.52	46.33	1.24	4.29	10.34	40.20
40	1.87	7.95	21.50	46.56	3.11	9.27	18.99	39.66
50	6.35	20.53	36.51	46.73	6.42	16.57	27.96	38.13
60	15.89	33.81	43.43	45.27	11.09	23.56	32.35	34.68

Lifetime Risk of Being Diagnosed = 45.40%
 Lifetime Risk of Dying = 23.66%

Lifetime Risk of Being Diagnosed = 39.99%
 Lifetime Risk of Dying = 20.22%

Blacks

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.10	0.22	0.45	42.45	0.11	0.23	0.57	32.09
10	0.12	0.36	1.00	43.90	0.12	0.47	1.52	32.97
20	0.24	0.89	3.28	44.21	0.35	1.41	4.19	32.98
30	0.67	3.12	11.21	45.17	1.07	3.88	9.32	32.98
40	2.55	10.94	25.95	46.17	2.88	8.45	16.81	32.70
50	9.18	25.60	40.30	47.72	5.91	14.79	24.02	31.65
60	20.33	38.53	46.24	47.71	10.00	20.40	27.08	29.01

Lifetime Risk of Being Diagnosed = 42.45%
 Lifetime Risk of Dying = 24.23%

Lifetime Risk of Being Diagnosed = 32.09%
 Lifetime Risk of Dying = 19.47%

Table II-9
ALL SITES (Invasive)

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

By Race/Ethnicity and Sex

Incidence^a

RACE/ETHNICITY	Rate 1996-2000 Rate per 100,000 persons			Trend 1992-2000 APC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	472.3	555.8	417.9	-0.7 ^d	-1.7 ^d
White	479.8	555.9	431.8	-0.6 ^d	-1.8 ^d	0.4
White Hispanic ^b	362.7	430.8	322.4	-0.6 ^d	-1.4 ^d	0.1
White Non-Hispanic ^b	489.8	561.2	444.4	-0.5	-1.7 ^d	0.5
Black	521.7	696.8	406.3	-1.0 ^d	-1.9 ^d	-0.1
Asian/Pacific Islander	341.7	392.0	306.9	-0.5 ^d	-1.1 ^d	0.3
Amer Ind/Alaska Nat	239.6	259.0	229.2	-3.1 ^d	-4.8 ^d	-1.3
Hispanic ^b	352.1	419.3	312.2	-0.5	-1.2 ^d	0.2

Mortality^c

RACE/ETHNICITY	Rate 1996-2000 Rate per 100,000 persons			Trend 1992-2000 APC (%)		
	Total	Males	Females	Total	Males	Females
	All Races	202.3	255.5	168.3	-1.0 ^d	-1.4 ^d
White	199.1	249.5	166.9	-0.9 ^d	-1.3 ^d	-0.6 ^d
White Hispanic ^b	141.1	180.4	115.3	-0.3 ^d	-0.5 ^d	-0.2
White Non-Hispanic ^b	202.1	253.4	169.2	-0.8 ^d	-1.2 ^d	-0.5 ^d
Black	257.1	356.2	198.6	-1.3 ^d	-1.8 ^d	-0.7 ^d
Asian/Pacific Islander	124.5	154.8	102.0	-1.5 ^d	-1.8 ^d	-0.9 ^d
Amer Ind/Alaska Nat	138.0	172.3	115.8	-0.2	-0.1	-0.4
Hispanic ^b	137.9	176.7	112.4	-0.3 ^d	-0.5	-0.2

The APC is the Annual Percent Change over the time interval.

- Statistic not shown. Rate based on less than 25 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

^a Incidence data are from the 12 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, and Alaska Native Registry).

^b Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics do not include cases from Detroit, Hawaii and Alaska Native Registry. For mortality, information is included for all states except Connecticut, Oklahoma, New York, and New Hampshire.

^c Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).

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

Table II-10
ALL SITES (Invasive)AGE-ADJUSTED SEER INCIDENCE RATES^a AND SEER DEATH RATES^b
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 1996-2000</u>									
REGISTRY									
12 registries	472.3	555.8	417.9	479.8	555.9	431.8	521.7	696.8	406.3
11 registries	472.3	555.9	417.8	479.8	555.9	431.8	521.7	696.8	406.3
9 registries	480.4	566.7	423.9	486.4	566.1	435.7	525.1	705.9	406.4
San Francisco-Oakland	472.2	545.7	424.3	496.6	558.5	458.5	500.7	652.2	397.2
Connecticut	506.1	595.0	450.1	503.6	585.9	452.8	497.3	671.6	389.5
Metropolitan Detroit	537.5	668.3	453.5	528.3	640.7	459.4	575.9	781.8	438.7
Hawaii	426.4	484.2	384.2	513.6	593.3	447.5	398.9	449.3	346.3
Iowa	472.6	555.3	421.7	470.2	550.9	420.8	516.9	667.6	417.7
New Mexico	399.0	462.8	353.1	410.7	475.6	363.9	380.1	480.8	303.2
Seattle-Puget Sound	503.3	577.6	455.0	513.3	585.0	467.3	532.1	673.6	416.5
Utah	396.6	471.3	343.0	401.3	476.1	347.7	348.5	487.0	224.2
Metropolitan Atlanta	470.0	570.4	407.3	470.3	547.7	423.9	480.8	660.8	375.9
San Jose-Monterey	447.8	509.4	409.6	465.7	523.5	431.3	436.5	569.0	323.2
Los Angeles	452.9	532.5	401.2	460.8	528.1	419.0	517.9	681.8	409.8
<u>SEER DEATH RATES^b, 1996-2000</u>									
REGISTRY									
12 registries	187.9	230.9	160.6	188.5	229.9	162.9	246.2	327.0	198.0
11 registries	187.8	230.9	160.5	188.5	229.9	162.8	246.4	327.3	198.0
9 registries	190.9	236.2	162.1	190.6	234.3	163.5	247.4	332.0	196.8
San Francisco-Oakland	186.9	226.6	161.9	192.3	227.8	171.0	255.8	341.3	204.5
Connecticut	194.3	240.8	166.4	193.0	237.7	166.3	232.0	332.0	178.3
Metropolitan Detroit	213.7	267.9	181.0	204.1	254.2	174.5	256.7	333.4	208.3
Hawaii	159.9	197.5	129.5	188.0	227.1	154.9	138.1	129.4	149.7
Iowa	191.7	245.1	158.5	191.1	244.2	158.1	273.5	378.0	211.7
New Mexico	174.9	212.4	149.1	177.7	215.9	151.4	188.3	218.8	171.0
Seattle-Puget Sound	196.6	238.0	169.3	199.2	239.5	172.9	256.6	330.5	202.9
Utah	152.1	188.4	128.0	151.8	188.0	127.9	232.0	350.0	159.7
Metropolitan Atlanta	197.9	254.3	166.0	187.4	234.2	160.9	236.2	336.9	184.0
San Jose-Monterey	169.7	203.5	148.3	178.6	212.8	157.9	223.9	271.8	187.7
Los Angeles	182.1	219.8	158.1	183.2	218.1	161.6	245.7	319.2	202.6

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in tables where indicated.

^a SEER 9 areas. Incidence rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.^b NCHS public use data file. Death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.

- Statistic could not be calculated or populations are inadequate.

Table II-11
ALL SITES (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, 1996-2000

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	202.3	0.12							
High Five States									
District of Columbia	244.5 ^{bc}	2.98	(01)	20.9					
Louisiana	232.8 ^{bc}	1.08	(02)	15.1					
Kentucky	228.9 ^{bc}	1.08	(03)	13.1					
West Virginia	224.7 ^{bc}	1.47	(04)	11.1					
Mississippi	223.7 ^{bc}	1.30	(05)	10.6					
Low Five States									
Arizona	178.9 ^{bc}	0.86	(47)	-11.6					
New Mexico	174.9 ^{bc}	1.48	(48)	-13.5					
Colorado	174.4 ^{bc}	1.03	(49)	-13.8					
Hawaii	159.9 ^{bc}	1.64	(50)	-21.0					
Utah	152.1 ^{bc}	1.43	(51)	-24.8					
Alabama	215.9 ^{bc}	0.99	(08)	6.7	Montana	194.6 ^c	2.04	(35)	-3.8
Alaska	204.8	3.98	(28)	1.2	Nebraska	185.7 ^{bc}	1.45	(45)	-8.2
Arizona	178.9 ^{bc}	0.86	(47)	-11.6	Nevada	211.8 ^c	1.66	(15)	4.7
Arkansas	213.2 ^{bc}	1.23	(13)	5.4	New Hampshire	209.8 ^c	1.91	(21)	3.7
California	186.2 ^{bc}	0.37	(44)	-8.0	New Jersey	211.7 ^c	0.70	(16)	4.6
Colorado	174.4 ^{bc}	1.03	(49)	-13.8	New Mexico	174.9 ^{bc}	1.48	(48)	-13.5
Connecticut	194.3 ^c	1.03	(36)	-4.0	New York	198.1 ^c	0.46	(32)	-2.1
Delaware	220.6 ^{bc}	2.42	(06)	9.0	North Carolina	207.0 ^c	0.75	(25)	2.3
District of Columbia	244.5 ^{bc}	2.98	(01)	20.9	North Dakota	186.2 ^{bc}	2.29	(43)	-8.0
Florida	193.6 ^c	0.45	(37)	-4.3	Ohio	215.5 ^{bc}	0.61	(09)	6.5
Georgia	205.7 ^c	0.81	(27)	1.7	Oklahoma	207.0 ^c	1.09	(24)	2.3
Hawaii	159.9 ^{bc}	1.64	(50)	-21.0	Oregon	200.4	1.08	(30)	-0.9
Idaho	182.7 ^{bc}	1.80	(46)	-9.7	Pennsylvania	209.9 ^c	0.54	(19)	3.8
Illinois	211.1 ^c	0.60	(18)	4.3	Rhode Island	212.7 ^{bc}	1.93	(14)	5.1
Indiana	215.4 ^{bc}	0.86	(10)	6.5	South Carolina	211.6 ^c	1.07	(17)	4.6
Iowa	191.7 ^{bc}	1.08	(40)	-5.2	South Dakota	192.1 ^{bc}	2.18	(39)	-5.0
Kansas	190.3 ^{bc}	1.18	(41)	-5.9	Tennessee	217.8 ^{bc}	0.89	(07)	7.7
Kentucky	228.9 ^{bc}	1.08	(03)	13.1	Texas	199.8 ^c	0.50	(31)	-1.2
Louisiana	232.8 ^{bc}	1.08	(02)	15.1	Utah	152.1 ^{bc}	1.43	(51)	-24.8
Maine	214.9 ^{bc}	1.76	(12)	6.2	Vermont	204.0	2.60	(29)	0.8
Maryland	214.9 ^{bc}	0.96	(11)	6.2	Virginia	209.8 ^c	0.82	(20)	3.7
Massachusetts	209.0 ^c	0.80	(22)	3.3	Washington	196.7 ^c	0.87	(33)	-2.8
Michigan	206.6 ^c	0.66	(26)	2.1	West Virginia	224.7 ^{bc}	1.47	(04)	11.1
Minnesota	190.0 ^{bc}	0.90	(42)	-6.1	Wisconsin	195.7 ^c	0.85	(34)	-3.3
Mississippi	223.7 ^{bc}	1.30	(05)	10.6	Wyoming	193.0	2.94	(38)	-4.6
Missouri	208.8 ^c	0.85	(23)	3.2					

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.

^b Absolute percent difference between state rate and total U.S. rate is 5% or more.

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

SE Standard error of the rate.

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

Table II-12
ALL SITES (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, 1996-2000

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	255.5	0.22							
High Five States									
District of Columbia	318.1 ^{bc}	5.54	(01)	24.5					
Mississippi	309.2 ^{bc}	2.46	(02)	21.0					
Louisiana	308.2 ^{bc}	2.00	(03)	20.6					
Kentucky	301.8 ^{bc}	1.99	(04)	18.1					
Alabama	294.3 ^{bc}	1.87	(05)	15.2					
Low Five States									
Arizona	217.9 ^{bc}	1.46	(47)	-14.7					
Colorado	216.0 ^{bc}	1.84	(48)	-15.5					
New Mexico	212.4 ^{bc}	2.55	(49)	-16.9					
Hawaii	197.5 ^{bc}	2.71	(50)	-22.7					
Utah	188.4 ^{bc}	2.50	(51)	-26.3					
Alabama	294.3 ^{bc}	1.87	(05)	15.2	Montana	244.3	3.53	(33)	-4.4
Alaska	241.9 ^b	6.84	(36)	-5.3	Nebraska	233.6 ^{bc}	2.53	(44)	-8.6
Arizona	217.9 ^{bc}	1.46	(47)	-14.7	Nevada	254.2	2.84	(29)	-0.5
Arkansas	281.4 ^{bc}	2.22	(09)	10.1	New Hampshire	262.3	3.41	(24)	2.7
California	225.2 ^{bc}	0.63	(46)	-11.9	New Jersey	261.4 ^c	1.25	(25)	2.3
Colorado	216.0 ^{bc}	1.84	(48)	-15.5	New Mexico	212.4 ^{bc}	2.55	(49)	-16.9
Connecticut	240.8 ^{bc}	1.83	(37)	-5.8	New York	244.2 ^c	0.82	(34)	-4.4
Delaware	273.0 ^{bc}	4.35	(14)	6.8	North Carolina	277.9 ^{bc}	1.42	(10)	8.8
District of Columbia	318.1 ^{bc}	5.54	(01)	24.5	North Dakota	236.1 ^{bc}	3.92	(42)	-7.6
Florida	240.4 ^{bc}	0.76	(39)	-5.9	Ohio	273.6 ^{bc}	1.11	(13)	7.1
Georgia	276.4 ^{bc}	1.56	(11)	8.2	Oklahoma	267.8 ^c	1.96	(19)	4.8
Hawaii	197.5 ^{bc}	2.71	(50)	-22.7	Oregon	244.4 ^c	1.85	(32)	-4.3
Idaho	226.6 ^{bc}	3.08	(45)	-11.3	Pennsylvania	266.6 ^c	0.98	(21)	4.3
Illinois	267.2 ^c	1.08	(20)	4.6	Rhode Island	271.1 ^{bc}	3.49	(17)	6.1
Indiana	275.6 ^{bc}	1.56	(12)	7.9	South Carolina	283.6 ^{bc}	2.04	(08)	11.0
Iowa	245.1 ^c	1.91	(31)	-4.1	South Dakota	243.7	3.77	(35)	-4.6
Kansas	240.7 ^{bc}	2.07	(38)	-5.8	Tennessee	290.3 ^{bc}	1.67	(06)	13.6
Kentucky	301.8 ^{bc}	1.99	(04)	18.1	Texas	257.3	0.91	(27)	0.7
Louisiana	308.2 ^{bc}	2.00	(03)	20.6	Utah	188.4 ^{bc}	2.50	(51)	-26.3
Maine	268.5 ^{bc}	3.13	(18)	5.1	Vermont	255.8	4.64	(28)	0.1
Maryland	273.0 ^{bc}	1.75	(15)	6.8	Virginia	271.8 ^{bc}	1.54	(16)	6.4
Massachusetts	265.0 ^c	1.44	(23)	3.7	Washington	238.8 ^{bc}	1.49	(40)	-6.5
Michigan	259.9 ^c	1.18	(26)	1.7	West Virginia	286.3 ^{bc}	2.64	(07)	12.1
Minnesota	237.7 ^{bc}	1.59	(41)	-7.0	Wisconsin	247.8 ^c	1.50	(30)	-3.0
Mississippi	309.2 ^{bc}	2.46	(02)	21.0	Wyoming	234.7 ^{bc}	5.09	(43)	-8.1
Missouri	265.9 ^c	1.52	(22)	4.1					

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.

^b Absolute percent difference between state rate and total U.S. rate is 5% or more.

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

SE Standard error of the rate.

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

Table II-13
ALL SITES (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, 1996-2000

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	168.3	0.15							
High Five States									
District of Columbia	199.8 ^{bc}	3.49	(01)	18.7					
Delaware	187.8 ^{bc}	2.95	(02)	11.6					
West Virginia	186.9 ^{bc}	1.77	(03)	11.1					
Louisiana	184.8 ^{bc}	1.26	(04)	9.8					
Kentucky	182.1 ^{bc}	1.27	(05)	8.2					
Low Five States									
Arizona	150.5 ^{bc}	1.07	(47)	-10.6					
New Mexico	149.1 ^{bc}	1.83	(48)	-11.4					
Colorado	148.4 ^{bc}	1.26	(49)	-11.8					
Hawaii	129.5 ^{bc}	2.02	(50)	-23.1					
Utah	128.0 ^{bc}	1.76	(51)	-23.9					
Alabama	167.5	1.14	(29)	-0.5	Montana	161.0	2.51	(37)	-4.3
Alaska	177.4 ^b	4.90	(13)	5.4	Nebraska	154.5 ^{bc}	1.77	(44)	-8.2
Arizona	150.5 ^{bc}	1.07	(47)	-10.6	Nevada	179.9 ^{bc}	2.05	(08)	6.9
Arkansas	168.4	1.46	(27)	0.1	New Hampshire	176.7 ^{bc}	2.32	(15)	5.0
California	160.7 ^c	0.45	(38)	-4.5	New Jersey	181.7 ^{bc}	0.86	(07)	8.0
Colorado	148.4 ^{bc}	1.26	(49)	-11.8	New Mexico	149.1 ^{bc}	1.83	(48)	-11.4
Connecticut	166.4	1.27	(31)	-1.1	New York	170.3	0.56	(24)	1.2
Delaware	187.8 ^{bc}	2.95	(02)	11.6	North Carolina	163.9 ^c	0.87	(33)	-2.6
District of Columbia	199.8 ^{bc}	3.49	(01)	18.7	North Dakota	152.4 ^{bc}	2.82	(45)	-9.4
Florida	159.5 ^{bc}	0.55	(40)	-5.2	Ohio	179.6 ^{bc}	0.73	(09)	6.7
Georgia	163.4 ^c	0.94	(34)	-2.9	Oklahoma	168.1	1.31	(28)	-0.1
Hawaii	129.5 ^{bc}	2.02	(50)	-23.1	Oregon	171.4	1.34	(22)	1.8
Idaho	152.0 ^{bc}	2.21	(46)	-9.7	Pennsylvania	175.2 ^c	0.66	(17)	4.1
Illinois	177.0 ^{bc}	0.72	(14)	5.2	Rhode Island	179.5 ^{bc}	2.34	(10)	6.7
Indiana	178.2 ^{bc}	1.03	(12)	5.9	South Carolina	167.2	1.25	(30)	-0.7
Iowa	158.5 ^{bc}	1.32	(42)	-5.8	South Dakota	157.3 ^{bc}	2.68	(43)	-6.5
Kansas	158.6 ^{bc}	1.44	(41)	-5.8	Tennessee	172.2 ^c	1.04	(21)	2.3
Kentucky	182.1 ^{bc}	1.27	(05)	8.2	Texas	162.7 ^c	0.59	(36)	-3.3
Louisiana	184.8 ^{bc}	1.26	(04)	9.8	Utah	128.0 ^{bc}	1.76	(51)	-23.9
Maine	181.8 ^{bc}	2.15	(06)	8.0	Vermont	170.9	3.16	(23)	1.5
Maryland	179.0 ^{bc}	1.14	(11)	6.4	Virginia	172.4 ^c	0.98	(20)	2.4
Massachusetts	176.0 ^c	0.96	(16)	4.6	Washington	168.8	1.07	(26)	0.3
Michigan	173.2 ^c	0.80	(18)	2.9	West Virginia	186.9 ^{bc}	1.77	(03)	11.1
Minnesota	160.2 ^c	1.11	(39)	-4.8	Wisconsin	162.8 ^c	1.03	(35)	-3.3
Mississippi	170.2	1.49	(25)	1.1	Wyoming	165.5	3.66	(32)	-1.7
Missouri	172.7 ^c	1.03	(19)	2.6					

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.

^b Absolute percent difference between state rate and total U.S. rate is 5% or more.

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

SE Standard error of the rate.

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

Table II-14
ALL SITES (Invasive)

Estimated United States Cancer Prevalence Counts^a on January 1, 2000
By Race/Ethnicity, Sex and Years Since Diagnosis

Years Since Diagnosis	0 to <5	5 to <10	10 to <15	15 to <20	20 to <25	0 to <10	0 to <25	>=25 ^f	Complete ^g
<u>Race/Sex</u>									
All Races ^b	3,685,031	2,355,137	1,352,174	794,296	535,422	6,040,168	8,722,060	833,252	9,555,312
Males	1,841,190	1,171,670	533,649	279,217	154,814	3,012,860	3,980,540	261,159	4,241,699
Females	1,843,841	1,183,467	818,525	515,079	380,608	3,027,308	4,741,520	572,093	5,313,613
White ^b	3,212,365	2,100,734	1,227,413	726,380	490,382	5,313,099	7,757,274	754,307	8,511,581
Males	1,592,187	1,041,352	486,147	257,079	142,532	2,633,539	3,519,297	242,731	3,762,028
Females	1,620,178	1,059,382	741,266	469,301	347,850	2,679,560	4,237,977	511,576	4,749,553
Black ^b	334,267	181,271	85,607	47,316	30,371	515,538	678,832	45,780	724,612
Males	180,538	96,491	33,090	15,402	7,953	277,029	333,474	14,469	347,943
Females	153,729	84,780	52,517	31,914	22,418	238,509	345,358	31,311	376,669
Asian/Pacific Islander ^c	76,199	39,771	+	+	+	115,970	+	+	+
Males	33,025	16,066	+	+	+	49,091	+	+	+
Females	43,174	23,705	+	+	+	66,879	+	+	+
Hispanic ^d	166,028	94,199	+	+	+	260,227	+	+	+
Males	79,075	42,040	+	+	+	121,115	+	+	+
Females	86,953	52,159	+	+	+	139,112	+	+	+

Estimated prevalence percent^a on January 1, 2000, of the SEER 11 population diagnosed in the previous 10 years
By Age at Prevalence, Race/Ethnicity and Sex

Age at Prevalence	Age Specific (Crude)										Age-Adjusted ^e
	All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	All Ages
<u>Race/Sex</u>											
All Races ^c	1.9111%	0.0748%	0.0993%	0.2076%	0.5325%	1.2379%	2.9800%	6.4966%	10.5383%	10.6130%	2.1055%
Males	1.9139%	0.0801%	0.1037%	0.1876%	0.4086%	0.8068%	2.3870%	7.4372%	14.4841%	15.9608%	2.4352%
Females	1.9083%	0.0693%	0.0946%	0.2285%	0.6596%	1.6613%	3.5440%	5.6667%	7.5967%	7.8301%	1.9259%
White ^c	2.0821%	0.0808%	0.1064%	0.2286%	0.5746%	1.2864%	3.0774%	6.7927%	10.8803%	10.7544%	2.1801%
Males	2.0585%	0.0867%	0.1104%	0.2098%	0.4480%	0.8440%	2.4332%	7.6148%	14.6828%	15.9405%	2.4787%
Females	2.1054%	0.0745%	0.1021%	0.2488%	0.7089%	1.7345%	3.7053%	6.0493%	8.0202%	8.1040%	2.0281%
Black ^c	1.3706%	0.0488%	0.0742%	0.1358%	0.3684%	1.0616%	2.9355%	6.6802%	10.5336%	9.3292%	2.0092%
Males	1.5439%	0.0510%	0.0797%	0.1059%	0.2441%	0.7367%	2.9184%	9.3119%	17.1580%	16.7625%	2.7691%
Females	1.2137%	0.0466%	0.0686%	0.1628%	0.4789%	1.3448%	2.9498%	4.5986%	6.1660%	5.9977%	1.5498%
Asian/Pacific Islander ^c	1.1831%	0.0662%	0.0793%	0.1250%	0.3426%	0.9577%	2.0406%	3.7762%	6.7261%	8.1208%	1.4109%
Males	1.0844%	0.0697%	0.0842%	0.1037%	0.2178%	0.4891%	1.2481%	3.7580%	9.0719%	11.7285%	1.4915%
Females	1.2757%	0.0625%	0.0740%	0.1457%	0.4597%	1.3769%	2.7444%	3.7910%	4.9490%	5.5891%	1.3824%
Hispanic ^d	0.7301%	0.0704%	0.0889%	0.1413%	0.3699%	0.8641%	1.9564%	4.2461%	7.6889%	8.0374%	1.4911%
Males	0.6513%	0.0757%	0.0928%	0.1265%	0.2583%	0.4514%	1.3952%	4.7963%	11.0101%	12.2605%	1.7297%
Females	0.8128%	0.0649%	0.0848%	0.1584%	0.4948%	1.2773%	2.4666%	3.7969%	5.3269%	5.7843%	1.3812%

^a US 2000 cancer prevalence counts are based on 2000 cancer prevalence proportions from the SEER registries and 1/1/2000 US population estimates based on the average of 1999 and 2000 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.

^{b c d} Statistics based on (b) SEER 9 Areas (c) SEER 11 Areas (d) SEER 11 Areas excluding Hawaii and Detroit.

^e Percentages are age-adjusted to the 2000 US standard population by 5-year age groups.

^{f g} (f) Cases diagnosed 25 years or more ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (g) Complete prevalence is obtained by summing 0 to <25 with >=25.

- Statistics not shown. Rate based on less than 25 cases estimated alive for the time interval.

+ Not available.

SEER Incidence, Delay Adjusted Incidence and US Death Rates+ All Cancer Sites, by Race and Sex

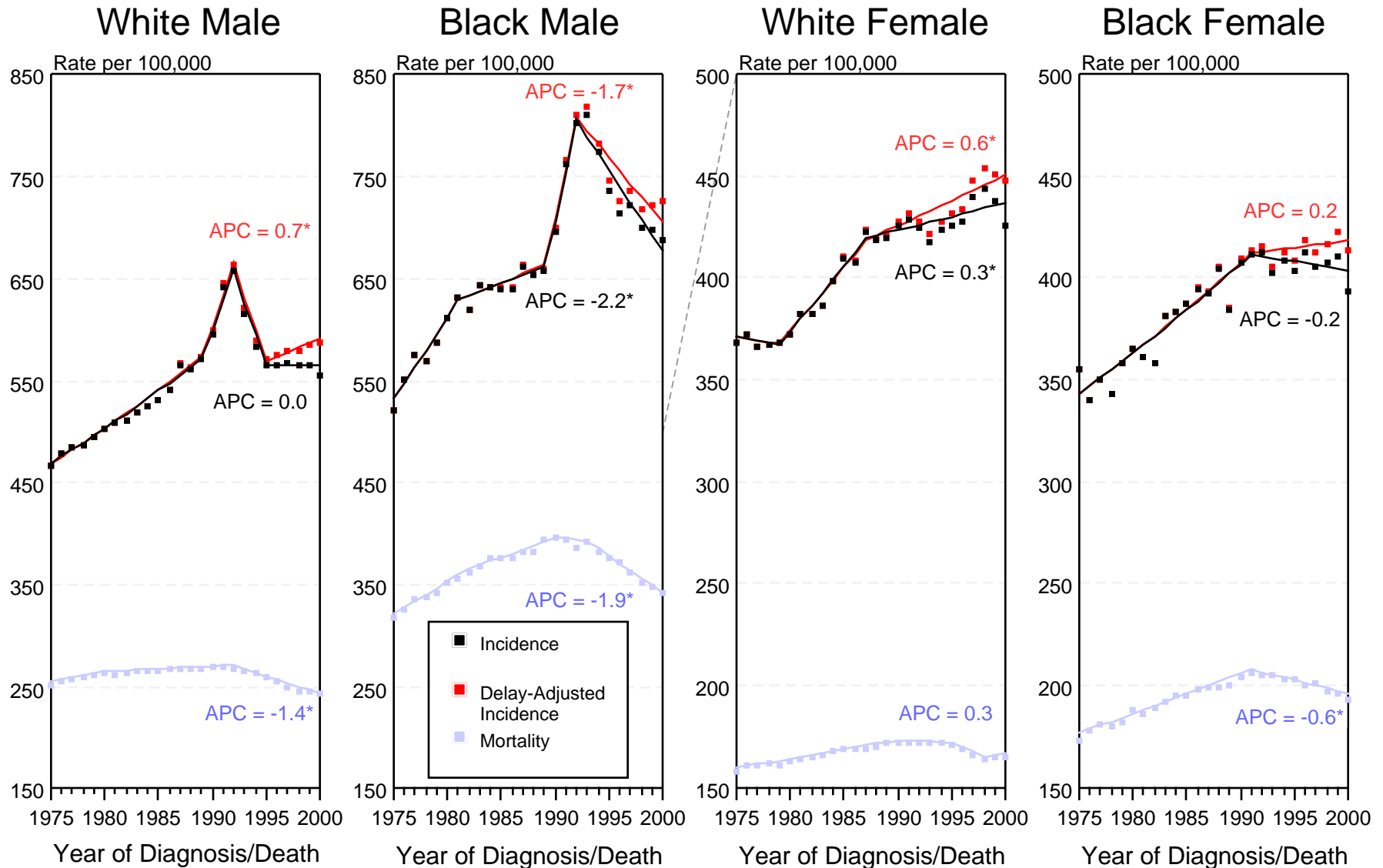


Figure II-1

+ Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines and APCs are calculated using the Joinpoint Regression Program. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

* The APC is significantly different from zero ($p < 0.05$).

SEER Incidence and US Death Rates+ All Cancer Sites, Under 65 Years of Age, by Race and Sex

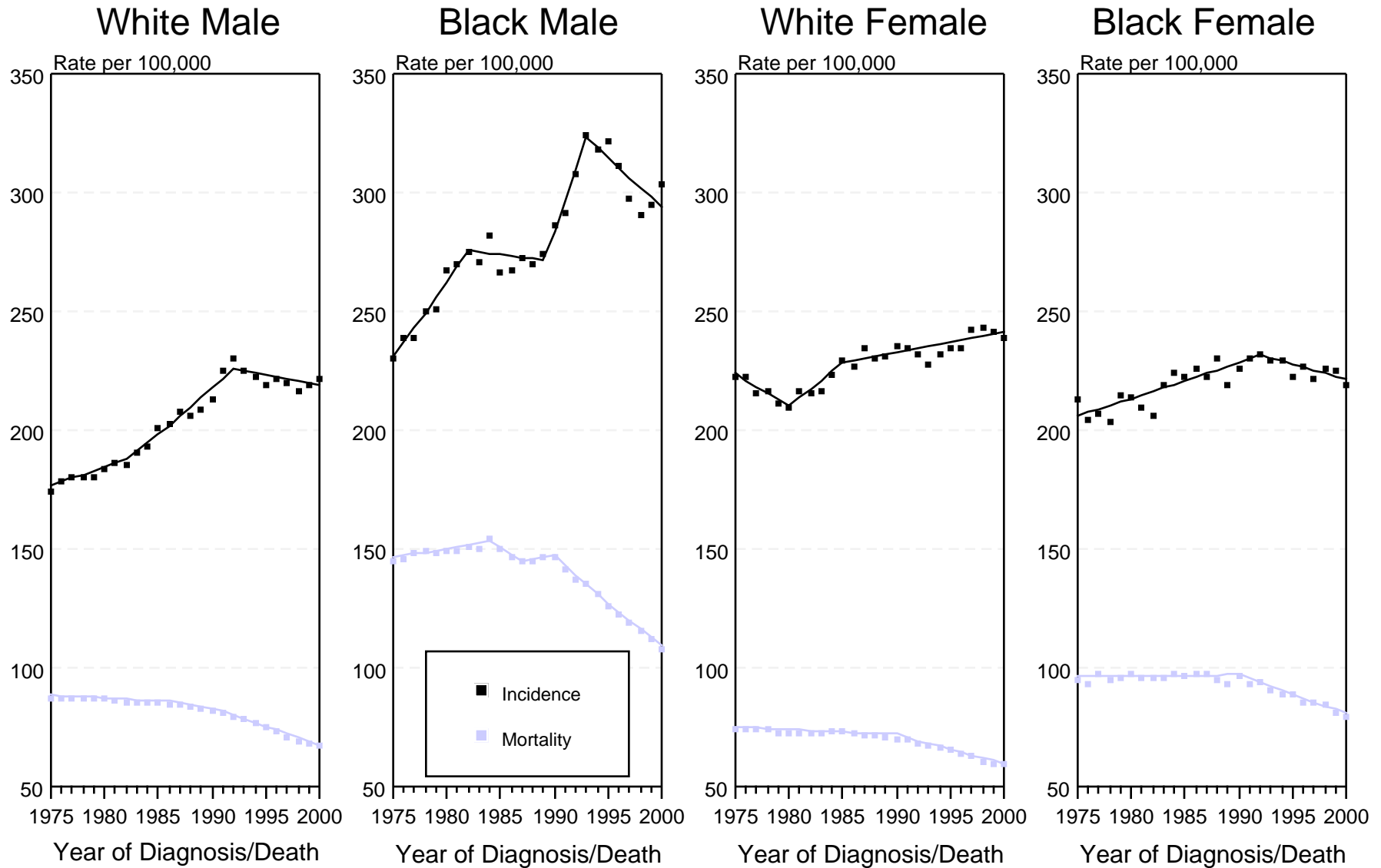


Figure II-2

+ Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines are calculated using the Joinpoint Regression Program.

SEER Incidence and US Death Rates+ All Cancer Sites, Ages 65 and Over, by Race and Sex

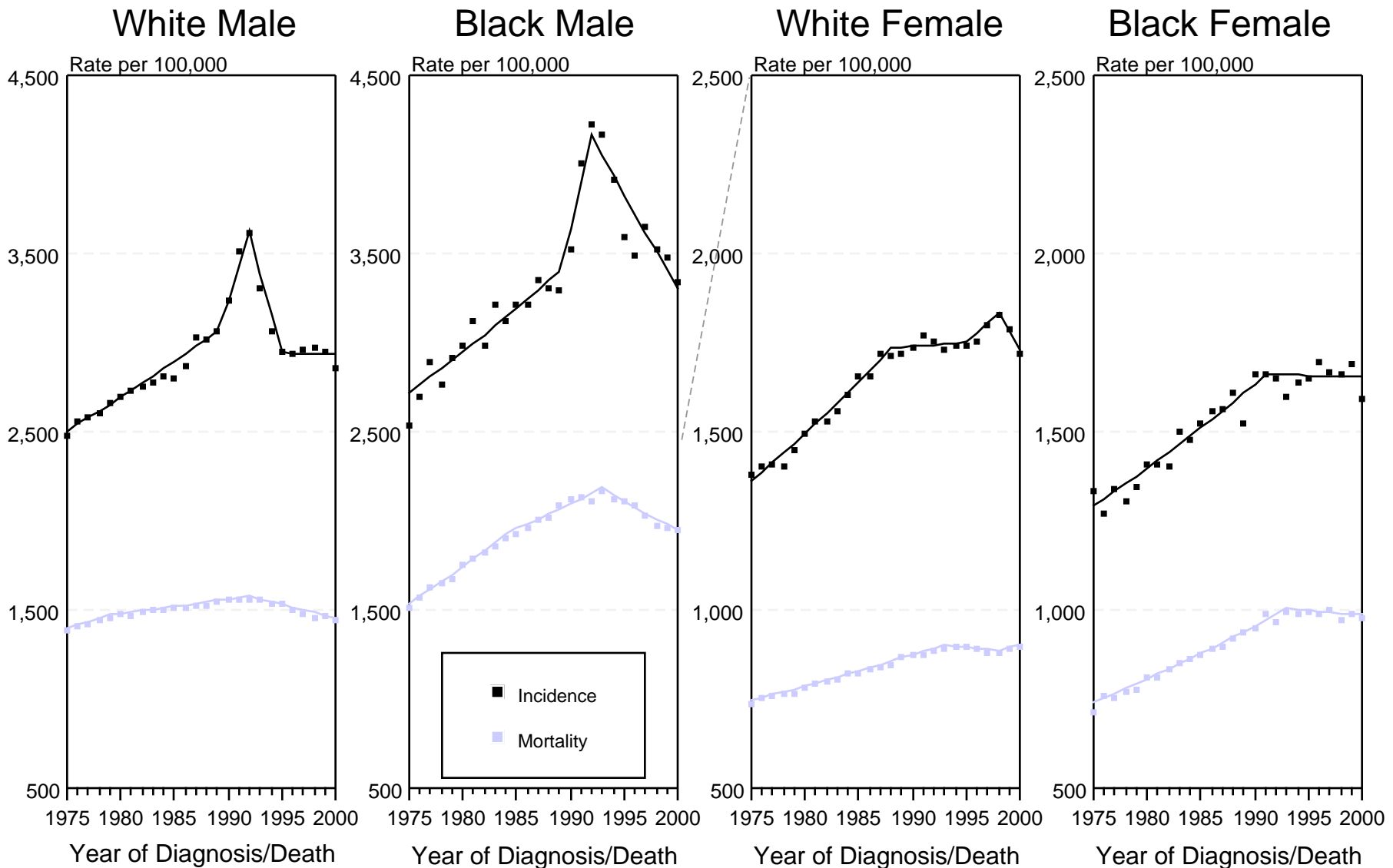


Figure II-3

+ Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups. Regression lines are calculated using the Joinpoint Regression Program.