

Table XVI-1
MELANOMA OF THE SKIN (Invasive)

TRENDS IN SEER INCIDENCE^a AND U.S. MORTALITY^b USING THE JOINPOINT REGRESSION PROGRAM, 1975-2004
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	1975-1981	5.8*	1981-2000	2.9*	2000-2004	0.7		
All Races	Male	1975-1985	5.4*	1985-2000	3.3*	2000-2004	0.0		
All Races	Female	1975-1981	5.2*	1981-2004	2.2*				
White	Male and Female	1975-1981	6.2*	1981-2001	3.2*	2001-2004	0.2		
White	Male	1975-1985	5.7*	1985-2000	3.6*	2000-2004	0.3		
White	Female	1975-1981	6.2*	1981-1994	2.0*	1994-1997	5.7	1997-2004	1.8*
Black	Male and Female	1975-2004	-0.5						
Black	Male	1975-2004	0.7						
Black	Female	1975-2004	-1.5*						
<u>SEER Delay-Adjusted Incidence^a</u>									
All Races	Male and Female	1975-1981	5.8*	1981-2000	3.0*	2000-2004	1.2		
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2004	0.5		
All Races	Female	1975-1981	5.1*	1981-2004	2.3*				
White	Male and Female	1975-1981	6.4*	1981-2004	3.2*				
White	Male	1975-1985	5.8*	1985-2000	3.7*	2000-2004	1.1		
White	Female	1975-1981	6.2*	1981-1994	2.1*	1994-1997	5.7	1997-2004	2.4*
<u>U.S. Cancer Mortality^b</u>									
All Races	Male and Female	1975-1990	1.5*	1990-2004	-0.3*				
All Races	Male	1975-1990	2.2*	1990-2004	0.0				
All Races	Female	1975-1989	0.8*	1989-2004	-0.7*				
White	Male and Female	1975-1989	1.7*	1989-2004	-0.1				
White	Male	1975-1990	2.3*	1990-2004	0.1				
White	Female	1975-1988	1.0*	1988-2004	-0.5*				
Black	Male and Female	1975-2004	-0.7*						
Black	Male	1975-2004	-1.1*						
Black	Female	1975-2004	-0.4						

Joinpoint Regression Program Version 3.0, April 2005, National Cancer Institute. (<http://srab.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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

Table XVI-2
MELANOMA OF THE SKIN (Invasive)

AGE ADJUSTED SEER INCIDENCE^a RATES BY YEAR, RACE AND SEX

	<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>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1975	7.9	8.5	7.4	8.7	9.4	8.2	-	-	-
1976	8.1	8.7	7.7	9.0	9.6	8.5	1.7	-	-
1977	8.9	9.8	8.2	9.8	10.8	9.1	-	-	-
1978	8.9	9.5	8.7	10.1	10.7	9.8	-	-	-
1979	9.5	10.6	8.9	10.8	11.9	10.1	-	-	-
1980	10.5	11.8	9.6	12.0	13.4	11.1	-	-	-
1981	11.1	12.1	10.4	12.6	13.6	12.0	1.4	-	-
1982	11.2	12.5	10.3	12.8	14.1	11.8	-	-	-
1983	11.1	12.7	10.0	12.6	14.4	11.4	-	-	-
1984	11.4	12.9	10.4	13.0	14.8	11.9	-	-	-
1985	12.8	15.1	11.2	14.3	17.0	12.6	-	-	-
1986	13.3	15.7	11.6	15.1	17.8	13.2	-	-	-
1987	13.7	15.9	12.2	15.6	18.1	13.9	1.3	-	-
1988	12.9	15.0	11.4	14.9	17.4	13.2	1.1	-	-
1989	13.7	16.4	11.9	15.8	18.9	13.7	1.2	-	-
1990	13.8	16.6	11.8	16.1	19.2	13.9	1.2	-	-
1991	14.6	17.6	12.5	17.0	20.4	14.7	1.2	-	-
1992	14.8	18.3	12.2	17.1	21.1	14.3	-	-	-
1993	14.6	18.1	12.1	17.0	20.9	14.2	-	-	-
1994	15.6	19.8	12.6	18.3	23.0	14.8	1.1	-	-
1995	16.4	20.2	13.7	19.2	23.4	16.3	1.7	3.0	-
1996	17.2	21.6	14.1	20.3	25.2	16.8	1.1	-	-
1997	17.7	21.6	14.8	20.8	25.1	17.8	1.1	-	-
1998	17.8	22.1	14.8	21.2	26.0	17.9	1.2	-	-
1999	18.1	22.7	14.9	21.6	26.7	18.1	1.1	-	-
2000	18.8	23.7	15.3	22.6	28.0	18.8	0.8	-	-
2001	19.5	24.2	16.2	23.6	28.8	20.0	0.8	-	-
2002	18.6	23.1	15.5	22.4	27.3	19.1	1.0	-	-
2003	18.9	23.2	16.0	22.7	27.3	19.5	0.8	-	-
2004	19.6	24.1	16.5	23.8	28.9	20.3	0.8	-	-
1975-2004	14.6	17.6	12.5	16.9	20.3	14.6	1.0	1.2	0.9

^a SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta). Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVI-3
MELANOMA OF THE SKIN (Invasive)

AGE-ADJUSTED U.S. DEATH^a RATES BY YEAR, RACE AND SEX

	<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>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DEATH:</u>									
1975	2.1	2.6	1.6	2.3	2.9	1.7	0.5	0.6	0.4
1976	2.2	2.9	1.8	2.5	3.1	1.9	0.5	0.7	0.4
1977	2.3	2.9	1.8	2.5	3.2	1.9	0.5	0.7	0.4
1978	2.3	3.0	1.7	2.5	3.3	1.9	0.5	0.6	0.5
1979	2.4	3.2	1.8	2.7	3.5	2.0	0.5	0.6	0.5
1980	2.3	3.1	1.7	2.6	3.4	1.9	0.5	0.5	0.6
1981	2.4	3.1	1.9	2.7	3.4	2.1	0.6	0.6	0.6
1982	2.5	3.3	1.8	2.7	3.6	2.0	0.5	0.6	0.5
1983	2.5	3.3	1.8	2.7	3.6	2.0	0.5	0.6	0.4
1984	2.5	3.4	1.8	2.8	3.8	2.0	0.5	0.5	0.5
1985	2.6	3.5	1.9	2.8	3.8	2.1	0.5	0.6	0.5
1986	2.6	3.5	1.9	2.9	3.9	2.1	0.5	0.7	0.3
1987	2.6	3.7	1.8	2.9	4.1	2.0	0.6	0.6	0.5
1988	2.6	3.7	1.9	3.0	4.1	2.1	0.5	0.5	0.4
1989	2.7	3.7	1.9	3.0	4.2	2.1	0.6	0.6	0.5
1990	2.8	3.8	2.0	3.1	4.2	2.2	0.5	0.6	0.4
1991	2.7	3.9	1.8	3.0	4.3	2.0	0.6	0.6	0.5
1992	2.7	3.8	1.8	3.0	4.3	2.1	0.5	0.6	0.4
1993	2.7	3.9	1.9	3.0	4.3	2.1	0.5	0.4	0.6
1994	2.7	3.8	1.8	3.0	4.3	2.0	0.4	0.4	0.4
1995	2.7	3.9	1.8	3.0	4.3	2.0	0.5	0.5	0.4
1996	2.8	4.0	1.9	3.1	4.5	2.1	0.4	0.5	0.4
1997	2.7	3.9	1.8	3.1	4.4	2.1	0.6	0.5	0.6
1998	2.8	4.1	1.8	3.1	4.6	2.0	0.5	0.5	0.5
1999	2.6	3.8	1.7	3.0	4.3	2.0	0.4	0.5	0.3
2000	2.7	3.8	1.8	3.0	4.3	2.0	0.5	0.6	0.5
2001	2.7	3.9	1.7	3.0	4.4	2.0	0.4	0.3	0.4
2002	2.6	3.8	1.7	3.0	4.2	2.0	0.4	0.5	0.3
2003	2.7	3.9	1.7	3.0	4.4	2.0	0.4	0.4	0.4
2004	2.7	3.9	1.7	3.0	4.5	1.9	0.4	0.5	0.4
1975-2004	2.6	3.6	1.8	2.9	4.0	2.0	0.5	0.5	0.5

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVI-4
MELANOMA OF THE SKIN (Invasive)

SEER INCIDENCE^a AND U.S. DEATH^b 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>SEER INCIDENCE</u>									
<u>AGE AT DIAGNOSIS</u>									
AGE-ADJUSTED RATES, 2000-2004									
All ages	18.5	23.6	14.9	21.6	27.2	17.6	1.0	1.1	0.9
Under 65	12.2	13.0	11.6	14.5	15.2	13.8	0.5	0.5	0.5
65 and over	62.1	96.9	38.2	70.5	109.7	43.4	4.5	5.5	3.9
All ages(IARC world std) ^c	13.4	16.1	11.4	15.7	18.7	13.5	0.7	0.7	0.6
AGE-SPECIFIC RATES, 2000-2004									
<1	-	-	-	-	-	-	-	-	-
1-4	0.1	0.1	-	0.1	-	-	-	-	-
5-9	0.2	0.2	0.1	0.2	0.2	0.2	-	-	-
10-14	0.4	0.4	0.4	0.5	0.4	0.5	-	-	-
15-19	1.7	1.4	2.1	2.1	1.8	2.5	-	-	-
20-24	4.1	2.6	5.7	4.9	3.1	6.9	-	-	-
25-29	6.9	4.7	9.2	8.5	5.7	11.4	-	-	-
30-34	9.5	7.2	12.0	11.4	8.4	14.5	0.6	-	-
35-39	12.4	10.5	14.4	14.9	12.5	17.3	0.6	-	-
40-44	18.0	16.9	19.2	21.4	19.9	22.9	0.6	-	-
45-49	22.0	22.8	21.2	26.1	26.8	25.3	0.7	-	-
50-54	27.8	32.8	22.9	32.9	38.5	27.4	-	-	-
55-59	34.7	44.1	26.0	40.2	50.5	30.3	1.7	-	-
60-64	42.2	56.3	29.2	49.1	65.1	34.1	2.4	2.8	-
65-69	50.1	71.3	32.0	58.6	82.6	37.7	2.3	-	-
70-74	61.9	91.8	38.0	71.4	104.9	44.1	4.3	4.8	4.0
75-79	68.9	107.9	41.6	77.8	121.7	46.8	5.3	7.2	4.2
80-84	72.3	119.7	42.7	80.0	133.6	46.8	6.8	-	6.7
85+	65.4	118.8	41.2	71.5	131.2	44.9	5.9	-	-
<u>U.S. MORTALITY</u>									
<u>AGE AT DEATH</u>									
AGE-ADJUSTED RATES, 2000-2004									
All ages	2.6	3.9	1.7	3.0	4.3	2.0	0.4	0.5	0.4
Under 65	1.3	1.7	0.9	1.6	2.0	1.1	0.2	0.2	0.1
65 and over	11.8	18.5	7.4	13.0	20.4	8.1	2.5	2.6	2.4
All ages(IARC world std) ^c	1.7	2.4	1.1	2.0	2.8	1.3	0.3	0.3	0.2
AGE-SPECIFIC RATES, 2000-2004									
<1	-	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	0.0	0.0	0.0	0.0	0.1	0.0	-	-	-
20-24	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-
25-29	0.3	0.4	0.3	0.4	0.5	0.4	-	-	-
30-34	0.6	0.7	0.5	0.7	0.9	0.6	-	-	-
35-39	1.0	1.1	0.8	1.2	1.3	1.0	0.1	-	-
40-44	1.7	2.0	1.3	2.0	2.4	1.5	0.2	0.3	-
45-49	2.5	3.1	1.8	2.9	3.7	2.2	0.2	-	-
50-54	3.5	4.6	2.4	4.1	5.4	2.8	0.4	0.4	0.4
55-59	4.7	6.5	3.0	5.4	7.4	3.4	0.7	0.9	0.4
60-64	6.2	8.8	3.8	7.1	10.0	4.3	0.8	0.8	0.8
65-69	7.8	11.3	4.7	8.8	12.8	5.3	1.5	1.7	1.3
70-74	10.3	15.4	6.3	11.5	17.1	6.9	2.0	1.9	2.0
75-79	12.9	20.3	7.6	14.2	22.3	8.4	2.3	2.7	2.1
80-84	15.3	24.7	9.6	16.6	26.8	10.3	3.7	4.3	3.3
85+	17.9	30.5	12.6	19.4	33.3	13.4	4.5	3.8	4.8

^a SEER 17 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

^b NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

^c Rates are per 100,000 and are age-adjusted to the IARC world standard population.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVI-5
MELANOMA OF THE SKIN (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
5-YR RELATIVE SURVIVAL RATES									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	60	51	68	-	-	-
1970-1973 ^a	-	-	-	68	62	75	-	-	-
1975-1977 ^b	82.3	77.9	86.7	82.3	77.9	86.7	59.7 ^f	47.7 ^g	68.1 ^g
1978-1980 ^b	83.2	78.2	88.1	83.3	78.2	88.2	59.7 ^g	-	69.5 ^g
1981-1983 ^b	83.4	79.0	87.8	83.3	78.9	87.7	60.8 ^g	51.5 ^g	68.3 ^g
1984-1986 ^b	86.8	82.7	91.2	86.5	82.2	91.1	69.7 ^g	-	71.7 ^g
1987-1989 ^b	88.4	85.3	91.7	88.2	85.3	91.4	79.9 ^f	61.7 ^g	90.4 ^f
1990-1992 ^b	89.6	87.3	92.1	89.6	87.2	92.1	60.3 ^f	53.3 ^g	68.0 ^g
1993-1995 ^b	89.8	87.2	92.8	89.6	86.9	92.8	66.8 ^f	65.4 ^g	66.9 ^g
1996-2003 ^b	91.9 ^e	90.0 ^e	94.1 ^e	91.7 ^e	89.7 ^e	94.1 ^e	77.0	75.5 ^f	77.5 ^f
5-YR PERIOD SURVIVAL RATES^{cd}									
YEAR OF DIAGNOSIS:									
1996-2003	91.2	88.8	94.0	90.9	88.5	93.9	70.6	67.3	72.3
STAGE DISTRIBUTION (%) 1996-2003^c									
All Stages									
Number of cases	61,909	34,108	27,801	58,323	32,262	26,061	313	148	165
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	80	78	83	80	78	83	58	53	62
Regional	12	14	11	13	14	11	23	24	23
Distant	3	4	2	4	4	2	12	16	9
Unstaged	4	4	4	4	4	4	7	7	6
5-YR RELATIVE SURVIVAL RATES, 1996-2003^c									
AGE AT DIAGNOSIS:									
<45	93.4	89.9	96.0	93.2	89.5	96.0	73.5 ^f	78.3 ^f	70.5 ^f
45-54	91.3	88.8	94.5	91.0	88.3	94.3	86.9 ^f	91.5 ^f	81.5 ^g
55-64	90.8	89.4	93.0	90.4	89.0	92.7	85.2 ^f	77.1 ^f	92.6 ^f
65-74	90.3	89.8	91.2	90.1	89.6	90.9	70.0 ^f	51.8 ^g	83.6 ^g
75+	84.7	84.4	84.9	84.4	84.2	84.3	45.7 ^g	37.4 ^g	53.0 ^g
Under 65	92.1	89.5	95.0	91.8	89.0	94.9	80.5	81.1 ^f	79.7
65 and over	88.5	88.2	88.8	88.2	88.0	88.5	60.6 ^f	46.8 ^g	70.4 ^g
STAGE:									
All Stages	91.1	89.1	93.5	90.8	88.7	93.3	74.4	69.9 ^f	77.4
Localized	98.5	98.1	99.0	98.3	97.9	98.8	94.2	89.1 ^f	95.5
Regional	65.2	61.8	70.5	65.3	61.8	70.9	44.7 ^f	55.0 ^g	31.8 ^g
Distant	15.3	15.3	15.6	14.7	15.0	14.3	26.3 ^f	16.2 ^f	-
Unstaged	77.0	74.7	79.5	76.0	73.9	78.4	59.3 ^g	-	-

^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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Rates are based on follow-up of patients into 2004.

^c Rates are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2003. The remaining 13 SEER Areas contribute cases for the entire period 1996-2003. Rates are based on follow-up of patients into 2004.

^d Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (2001-2003: 0-1 year survival), (2000-2002: 1-2 year survival), (1999-2001: 2-3 year survival), (1998-2000: 3-4 year survival), (1997-1999: 4-5 years survival).

^e The difference in rates between 1975-1977 and 1996-2003 is statistically significant ($p < .05$).

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

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

- Statistic could not be calculated due to fewer than 16 cases during the time period.

Table XVI-6
MELANOMA OF THE SKIN (Invasive)

SURVIVAL RATES^a

By Year of Diagnosis

All Races, Males and Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Relative Survival Rates (SEER ^b)																					
1-year	94.6	96.0	95.9	96.9	96.4	97.0	96.1	96.6	97.2	96.4	97.0	97.2	97.5	97.6	96.8	96.8	97.7	97.9	97.4	97.9	97.9
2-year	90.0	92.0	93.0	93.3	93.2	93.5	93.6	93.8	94.3	93.9	94.6	94.0	94.4	95.6	94.5	94.6	95.6	96.1	95.6	95.3	
3-year	86.4	88.4	89.8	91.2	90.7	91.4	91.1	92.0	92.2	91.9	92.7	91.8	92.7	93.9	92.4	92.8	94.1	94.5	94.3		
4-year	83.8	85.9	87.9	89.8	89.2	90.3	89.4	90.1	91.0	90.0	91.0	90.0	91.3	93.1	91.6	91.6	93.2	93.1			
5-year	82.5	84.0	86.3	88.3	87.8	89.5	88.0	89.6	90.0	89.0	90.3	88.9	90.1	92.2	90.4	91.1	92.6				
6-year	80.9	82.9	85.3	87.2	86.9	87.9	87.3	88.7	88.8	88.4	89.7	88.0	90.0	91.4	89.8	90.6					
7-year	79.8	82.3	84.4	86.9	86.2	87.5	86.1	88.2	88.0	88.1	88.6	87.6	90.0	91.1	89.4						
8-year	78.9	81.7	84.2	86.1	85.6	86.9	85.6	87.4	87.3	87.6	88.2	86.7	90.0	90.8							
9-year	78.2	81.1	83.8	86.1	85.2	86.5	85.4	87.2	87.0	87.2	88.0	86.5	89.7								
11-year	77.7	80.6	83.8	86.1	85.1	86.0	85.1	87.0	87.0	86.9	87.6	86.5									
11-year	77.2	80.5	83.8	86.1	83.9	85.4	84.8	86.7	86.8	86.6	87.4										
12-year	76.7	80.3	83.8	86.1	83.6	85.2	84.3	86.7	86.5	86.5											
13-year	76.5	80.1	83.8	86.1	83.6	85.0	84.0	86.7	86.3												
14-year	76.3	80.0	83.8	85.5	83.6	84.8	83.7	86.6													
15-year	76.0	79.9	83.8	85.5	83.6	84.7	83.5														
16-year	75.8	79.8	83.8	85.3	83.6	84.5															
17-year	75.8	79.5	83.3	85.3	83.6																
18-year	75.8	79.5	83.2	85.3																	
19-year	75.8	79.5	83.2																		
20-year	75.8	79.5																			

^a Survival rates are relative rates expressed as percents.

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table XVI-7
MELANOMA OF THE SKIN (Invasive)

SURVIVAL RATES^a

By Year of Diagnosis

All Races, Males

Year of Diagnosis

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Relative Survival Rates (SEER ^b)																					
1-year	92.8	94.5	94.9	95.9	95.5	95.9	94.9	95.9	96.2	96.0	96.3	97.0	96.5	96.6	96.4	96.4	97.2	97.5	96.6	96.9	97.2
2-year	86.8	89.1	90.8	91.3	91.0	92.0	92.3	92.0	93.2	93.0	93.7	92.6	92.2	94.1	93.6	93.9	94.3	95.5	94.0	94.0	
3-year	82.6	84.7	86.9	88.6	88.1	89.3	89.0	89.8	90.9	90.6	91.1	89.7	89.9	92.0	90.9	91.9	92.3	93.6	91.8		
4-year	79.3	81.8	84.6	86.8	86.1	88.1	86.7	87.6	89.6	87.9	89.4	87.7	88.0	91.0	90.1	90.4	91.2	92.1			
5-year	78.0	79.1	82.7	84.8	83.9	87.3	84.8	86.6	88.5	86.5	88.5	86.7	86.6	90.1	88.5	90.1	90.4				
6-year	76.0	78.0	81.6	83.1	83.1	85.5	83.9	85.4	87.2	85.5	87.5	85.9	86.4	89.3	87.6	89.5					
7-year	74.5	77.5	80.8	82.5	81.9	84.6	82.5	85.1	86.1	85.2	85.5	85.0	86.4	89.0	87.6						
8-year	73.4	76.8	80.6	81.7	81.2	84.2	81.6	84.3	85.1	84.9	85.1	83.4	86.1	88.5							
9-year	72.6	76.0	80.1	81.7	81.2	83.2	81.2	84.3	84.4	84.0	84.7	83.1	85.8								
10-year	72.0	75.6	80.1	81.7	80.6	82.6	81.1	84.0	84.4	83.9	83.9	83.1									
11-year	71.1	75.4	80.1	81.7	79.4	82.5	80.9	83.6	84.4	83.5	83.4										
12-year	70.6	75.3	80.1	81.7	79.1	82.5	80.4	83.6	84.4	83.3											
13-year	70.3	75.1	80.1	81.6	79.1	82.1	80.2	83.6	84.4												
14-year	70.3	74.8	79.8	79.9	79.1	81.7	80.2	82.8													
15-year	70.0	74.8	79.8	79.8	79.1	80.5	80.2														
16-year	69.7	74.8	79.8	79.7	79.1	80.0															
17-year	69.6	74.6	78.4	79.7	79.1																
18-year	69.6	74.6	78.2	79.4																	
19-year	69.6	74.6	78.2																		
20-year	69.6	74.6																			

^a Survival rates are relative rates expressed as percents.

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table XVI-8
MELANOMA OF THE SKIN (Invasive)

SURVIVAL RATES^a

By Year of Diagnosis

All Races, Females

Year of Diagnosis

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003
Relative Survival Rates (SEER ^b)																					
1-year	96.3	97.5	97.1	98.0	97.3	98.3	97.5	97.5	98.4	96.8	97.7	97.4	98.6	98.8	97.4	97.3	98.2	98.4	98.4	99.0	98.8
2-year	93.2	94.9	95.3	95.5	95.5	95.2	95.1	95.9	95.5	95.0	95.7	95.8	96.9	97.4	95.5	95.5	97.0	96.9	97.6	97.0	
3-year	90.1	92.1	93.0	94.0	93.5	93.6	93.4	94.3	93.6	93.4	94.6	94.3	95.8	96.1	94.2	93.8	95.9	95.6	97.2		
4-year	88.2	90.1	91.6	93.0	92.4	92.5	92.4	93.0	92.5	92.3	92.7	92.8	94.9	95.4	93.2	93.0	95.6	94.4			
5-year	86.8	89.0	90.2	92.1	91.9	91.7	91.5	92.8	91.6	91.7	92.3	91.7	94.1	94.7	92.5	92.4	95.1				
6-year	85.5	87.9	89.2	91.7	90.8	90.4	90.9	92.4	90.6	91.7	92.1	90.6	94.1	93.9	92.3	91.8					
7-year	84.8	87.1	88.1	91.6	90.4	90.2	90.0	91.6	90.1	91.2	92.1	90.6	94.0	93.5	91.5						
8-year	84.0	86.5	87.9	90.7	89.5	89.5	89.8	90.7	89.7	90.5	91.8	90.6	94.0	93.5							
9-year	83.4	86.0	87.6	90.7	89.2	89.5	89.8	90.4	89.6	90.5	91.5	90.5	93.7								
11-year	82.9	85.4	87.6	90.7	89.2	89.3	89.3	90.1	89.6	90.1	91.4	90.3									
10-year	82.7	85.2	87.6	90.3	88.3	88.3	88.7	89.7	88.8	90.0	91.4										
12-year	82.2	85.1	87.6	90.3	87.8	87.5	88.4	89.7	88.0	90.0											
13-year	82.1	84.7	87.6	90.3	87.5	87.5	87.4	89.7	87.8												
14-year	81.6	84.7	87.6	90.3	87.5	87.5	87.1	89.7													
15-year	81.3	84.3	87.6	90.3	87.5	87.5	86.9														
16-year	81.2	84.1	87.6	90.3	87.5	87.5															
17-year	81.2	83.9	87.6	90.3	87.5																
18-year	81.0	83.8	87.6	90.3																	
19-year	81.0	83.8	87.6																		
20-year	80.9	83.8																			

^a Survival rates are relative rates expressed as percents.

^b Rates are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Table XVI-9
MELANOMA OF THE SKIN (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years, Lifetime Risk of Being Diagnosed with Cancer, and
 Lifetime Risk of Dying from Cancer Given Cancer Free At Current Age
 Both Sexes, 2002-2004 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer			Risk of Dying from Cancer	
		+10 yrs Percent (95% C.I.)	+20 yrs Percent (95% C.I.)	+30 yrs Percent (95% C.I.)	Eventually Percent (95% C.I.)	Eventually Percent (95% C.I.)
All Races	0	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.07 (0.06, 0.07)	1.72 (1.70, 1.74)	0.28 (0.27, 0.28)
	10	0.01 (0.01, 0.01)	0.07 (0.06, 0.07)	0.17 (0.17, 0.17)	1.74 (1.72, 1.76)	0.28 (0.28, 0.28)
	20	0.05 (0.05, 0.06)	0.16 (0.15, 0.16)	0.34 (0.34, 0.35)	1.74 (1.72, 1.76)	0.28 (0.28, 0.28)
	30	0.11 (0.10, 0.11)	0.29 (0.29, 0.30)	0.57 (0.56, 0.58)	1.70 (1.68, 1.72)	0.28 (0.28, 0.28)
	40	0.19 (0.18, 0.19)	0.47 (0.47, 0.48)	0.86 (0.85, 0.87)	1.62 (1.60, 1.64)	0.28 (0.27, 0.28)
	50	0.29 (0.29, 0.30)	0.69 (0.68, 0.70)	1.13 (1.12, 1.15)	1.47 (1.45, 1.49)	0.26 (0.26, 0.27)
	60	0.42 (0.41, 0.43)	0.89 (0.88, 0.91)	1.18 (1.17, 1.20)	1.26 (1.24, 1.27)	0.24 (0.24, 0.24)
	70	0.54 (0.53, 0.56)	0.88 (0.87, 0.90)	- (- , -)	0.97 (0.95, 0.98)	0.20 (0.20, 0.21)
80	0.48 (0.47, 0.50)	- (- , -)	- (- , -)	0.60 (0.59, 0.62)	0.15 (0.14, 0.15)	
White	0	0.00 (0.00, 0.00)	0.02 (0.01, 0.02)	0.08 (0.08, 0.08)	1.99 (1.97, 2.01)	0.31 (0.31, 0.32)
	10	0.01 (0.01, 0.02)	0.08 (0.08, 0.08)	0.20 (0.20, 0.21)	2.01 (1.99, 2.04)	0.32 (0.31, 0.32)
	20	0.07 (0.06, 0.07)	0.19 (0.18, 0.19)	0.41 (0.40, 0.41)	2.01 (1.99, 2.03)	0.32 (0.31, 0.32)
	30	0.13 (0.12, 0.13)	0.35 (0.34, 0.35)	0.67 (0.66, 0.68)	1.96 (1.94, 1.98)	0.32 (0.31, 0.32)
	40	0.22 (0.22, 0.23)	0.56 (0.55, 0.56)	1.01 (0.99, 1.02)	1.86 (1.84, 1.88)	0.31 (0.31, 0.32)
	50	0.34 (0.34, 0.35)	0.80 (0.79, 0.82)	1.31 (1.29, 1.33)	1.68 (1.66, 1.70)	0.30 (0.29, 0.30)
	60	0.49 (0.48, 0.50)	1.03 (1.01, 1.05)	1.35 (1.33, 1.37)	1.42 (1.40, 1.45)	0.27 (0.26, 0.27)
	70	0.62 (0.61, 0.64)	0.99 (0.97, 1.01)	- (- , -)	1.08 (1.06, 1.10)	0.22 (0.22, 0.23)
80	0.53 (0.52, 0.54)	- (- , -)	- (- , -)	0.65 (0.64, 0.67)	0.16 (0.16, 0.16)	
Black	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.09 (0.08, 0.11)	0.04 (0.03, 0.04)
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.09 (0.08, 0.11)	0.04 (0.04, 0.04)
	20	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.09 (0.08, 0.11)	0.04 (0.04, 0.04)
	30	0.00 (0.00, 0.01)	0.01 (0.01, 0.01)	0.02 (0.02, 0.03)	0.09 (0.08, 0.11)	0.04 (0.04, 0.05)
	40	0.01 (0.00, 0.01)	0.02 (0.01, 0.02)	0.03 (0.03, 0.04)	0.09 (0.07, 0.10)	0.04 (0.04, 0.05)
	50	0.01 (0.01, 0.01)	0.03 (0.02, 0.04)	0.06 (0.05, 0.07)	0.09 (0.07, 0.10)	0.04 (0.04, 0.05)
	60	0.02 (0.02, 0.03)	0.05 (0.04, 0.07)	0.07 (0.06, 0.09)	0.09 (0.07, 0.10)	0.04 (0.03, 0.05)
	70	0.04 (0.03, 0.05)	0.06 (0.05, 0.08)	- (- , -)	0.08 (0.06, 0.10)	0.04 (0.03, 0.04)
80	0.04 (0.02, 0.05)	- (- , -)	- (- , -)	0.06 (0.04, 0.09)	0.03 (0.03, 0.04)	

Devcan Version 6.2.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

- Statistic could not be calculated.

A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table XVI-9 - continued
MELANOMA OF THE SKIN (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years, Lifetime Risk of Being Diagnosed with Cancer, and
 Lifetime Risk of Dying from Cancer Given Cancer Free At Current Age
 Both Sexes, 2002-2004 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer				Risk of Dying from Cancer	
		+10 yrs Percent (95% C.I.)	+20 yrs Percent (95% C.I.)	+30 yrs Percent (95% C.I.)	Eventually Percent (95% C.I.)	Eventually Percent (95% C.I.)	
Asian/ Pacific Islander	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.18 (0.15, 0.22)	0.06 (0.04, 0.09)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.02 (0.01, 0.02)	0.18 (0.15, 0.22)	0.06 (0.04, 0.09)	
	20	0.00 (0.00, 0.01)	0.02 (0.01, 0.02)	0.03 (0.02, 0.04)	0.18 (0.15, 0.22)	0.06 (0.04, 0.09)	
	30	0.01 (0.01, 0.01)	0.03 (0.02, 0.03)	0.04 (0.04, 0.05)	0.18 (0.15, 0.22)	0.06 (0.04, 0.09)	
	40	0.01 (0.01, 0.02)	0.03 (0.03, 0.04)	0.06 (0.05, 0.07)	0.17 (0.14, 0.21)	0.06 (0.04, 0.09)	
	50	0.02 (0.02, 0.03)	0.05 (0.04, 0.06)	0.09 (0.07, 0.10)	0.15 (0.13, 0.19)	0.06 (0.04, 0.09)	
	60	0.03 (0.02, 0.04)	0.07 (0.06, 0.09)	0.11 (0.09, 0.14)	0.14 (0.11, 0.18)	0.06 (0.04, 0.09)	
	70	0.05 (0.04, 0.06)	0.09 (0.07, 0.12)	- (- , -)	0.12 (0.09, 0.17)	0.05 (0.03, 0.09)	
	80	0.06 (0.04, 0.08)	- (- , -)	- (- , -)	0.09 (0.06, 0.14)	0.05 (0.03, 0.09)	
American Indian/ Alaska Native ^a	0	0.00 (0.00, 0.02)	0.00 (0.00, 0.02)	0.00 (0.00, 0.03)	0.31 (0.15, 0.65)	0.13 (0.08, 0.24)	
	10	0.00 (0.00, 0.01)	0.00 (0.00, 0.02)	0.01 (0.00, 0.04)	0.31 (0.15, 0.66)	0.14 (0.08, 0.25)	
	20	0.00 (0.00, 0.02)	0.01 (0.00, 0.04)	0.04 (0.02, 0.07)	0.31 (0.15, 0.67)	0.14 (0.08, 0.25)	
	30	0.01 (0.00, 0.03)	0.03 (0.02, 0.06)	0.07 (0.04, 0.11)	0.31 (0.15, 0.68)	0.14 (0.08, 0.25)	
	40	0.02 (0.01, 0.05)	0.06 (0.03, 0.10)	0.09 (0.05, 0.15)	0.31 (0.15, 0.68)	0.14 (0.08, 0.26)	
	50	0.04 (0.02, 0.08)	0.07 (0.03, 0.13)	0.13 (0.07, 0.23)	0.30 (0.13, 0.69)	0.15 (0.08, 0.27)	
	60	0.03 (0.01, 0.09)	0.10 (0.05, 0.20)	0.19 (0.09, 0.35)	0.28 (0.11, 0.70)	0.14 (0.07, 0.28)	
	70	0.08 (0.03, 0.19)	0.18 (0.08, 0.37)	- (- , -)	0.29 (0.10, 0.78)	0.14 (0.06, 0.30)	
	80	0.14 (0.04, 0.36)	- (- , -)	- (- , -)	0.29 (0.06, 0.98)	0.12 (0.03, 0.36)	
Hispanic ^b	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.01, 0.02)	0.50 (0.46, 0.56)	0.10 (0.08, 0.11)	
	10	0.00 (0.00, 0.00)	0.01 (0.01, 0.02)	0.04 (0.04, 0.04)	0.51 (0.47, 0.56)	0.10 (0.08, 0.11)	
	20	0.01 (0.01, 0.01)	0.04 (0.03, 0.04)	0.08 (0.07, 0.09)	0.51 (0.47, 0.56)	0.10 (0.08, 0.11)	
	30	0.03 (0.02, 0.03)	0.07 (0.06, 0.08)	0.13 (0.12, 0.14)	0.50 (0.46, 0.55)	0.10 (0.08, 0.11)	
	40	0.04 (0.04, 0.05)	0.10 (0.09, 0.11)	0.19 (0.18, 0.21)	0.48 (0.44, 0.53)	0.10 (0.08, 0.11)	
	50	0.06 (0.05, 0.07)	0.15 (0.14, 0.17)	0.29 (0.26, 0.31)	0.45 (0.40, 0.50)	0.09 (0.08, 0.11)	
	60	0.10 (0.08, 0.11)	0.24 (0.22, 0.26)	0.35 (0.32, 0.39)	0.41 (0.36, 0.46)	0.09 (0.07, 0.11)	
	70	0.16 (0.14, 0.18)	0.29 (0.25, 0.32)	- (- , -)	0.35 (0.30, 0.41)	0.08 (0.07, 0.10)	
	80	0.17 (0.14, 0.20)	- (- , -)	- (- , -)	0.25 (0.20, 0.32)	0.07 (0.05, 0.09)	

Devcan Version 6.2.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

^a Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. Underlying mortality data for Hispanics exclude deaths from Minnesota, New Hampshire and North Dakota.

- Statistic could not be calculated.

A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table XVI-9 - continued
 MELANOMA OF THE SKIN (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years, Lifetime Risk of Being Diagnosed with Cancer, and
 Lifetime Risk of Dying from Cancer Given Cancer Free At Current Age
 Males, 2002-2004 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer			Risk of Dying from Cancer	
		+10 yrs Percent (95% C.I.)	+20 yrs Percent (95% C.I.)	+30 yrs Percent (95% C.I.)	Eventually Percent (95% C.I.)	Eventually Percent (95% C.I.)
All Races	0	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.05 (0.04, 0.05)	2.10 (2.07, 2.13)	0.37 (0.36, 0.37)
	10	0.01 (0.01, 0.01)	0.04 (0.04, 0.05)	0.13 (0.12, 0.13)	2.12 (2.09, 2.15)	0.37 (0.37, 0.38)
	20	0.04 (0.03, 0.04)	0.12 (0.11, 0.12)	0.30 (0.29, 0.30)	2.13 (2.10, 2.16)	0.37 (0.37, 0.38)
	30	0.08 (0.08, 0.09)	0.27 (0.26, 0.27)	0.60 (0.59, 0.61)	2.12 (2.09, 2.15)	0.38 (0.37, 0.38)
	40	0.18 (0.18, 0.19)	0.53 (0.51, 0.54)	1.03 (1.02, 1.05)	2.07 (2.04, 2.10)	0.37 (0.37, 0.38)
	50	0.35 (0.35, 0.36)	0.88 (0.86, 0.90)	1.50 (1.47, 1.52)	1.96 (1.93, 1.99)	0.36 (0.35, 0.37)
	60	0.57 (0.56, 0.59)	1.24 (1.21, 1.26)	1.64 (1.61, 1.67)	1.74 (1.71, 1.77)	0.33 (0.33, 0.34)
	70	0.80 (0.78, 0.82)	1.28 (1.25, 1.31)	- (- , -)	1.40 (1.37, 1.43)	0.29 (0.28, 0.30)
80	0.75 (0.73, 0.78)	- (- , -)	- (- , -)	0.93 (0.90, 0.96)	0.22 (0.22, 0.23)	
White	0	0.00 (0.00, 0.00)	0.01 (0.01, 0.02)	0.05 (0.05, 0.06)	2.42 (2.38, 2.45)	0.42 (0.41, 0.42)
	10	0.01 (0.01, 0.01)	0.05 (0.05, 0.06)	0.15 (0.15, 0.16)	2.44 (2.41, 2.48)	0.42 (0.42, 0.43)
	20	0.04 (0.04, 0.05)	0.14 (0.14, 0.15)	0.35 (0.34, 0.36)	2.44 (2.41, 2.48)	0.43 (0.42, 0.43)
	30	0.10 (0.10, 0.11)	0.31 (0.30, 0.32)	0.70 (0.69, 0.72)	2.43 (2.40, 2.47)	0.43 (0.42, 0.43)
	40	0.22 (0.21, 0.22)	0.61 (0.60, 0.62)	1.20 (1.18, 1.22)	2.37 (2.33, 2.41)	0.42 (0.42, 0.43)
	50	0.41 (0.40, 0.42)	1.02 (1.00, 1.04)	1.73 (1.70, 1.76)	2.23 (2.20, 2.27)	0.41 (0.40, 0.41)
	60	0.66 (0.64, 0.68)	1.42 (1.39, 1.45)	1.87 (1.83, 1.90)	1.97 (1.93, 2.01)	0.37 (0.37, 0.38)
	70	0.91 (0.89, 0.93)	1.44 (1.41, 1.47)	- (- , -)	1.56 (1.53, 1.60)	0.32 (0.31, 0.33)
80	0.83 (0.80, 0.86)	- (- , -)	- (- , -)	1.02 (0.98, 1.06)	0.24 (0.23, 0.25)	
Black	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.07 (0.06, 0.10)	0.04 (0.03, 0.04)
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.07 (0.06, 0.10)	0.04 (0.03, 0.05)
	20	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.08 (0.06, 0.10)	0.04 (0.03, 0.05)
	30	0.00 (0.00, 0.01)	0.01 (0.01, 0.02)	0.02 (0.01, 0.03)	0.08 (0.06, 0.10)	0.04 (0.03, 0.05)
	40	0.01 (0.00, 0.01)	0.02 (0.01, 0.02)	0.03 (0.02, 0.05)	0.07 (0.06, 0.10)	0.04 (0.03, 0.05)
	50	0.01 (0.01, 0.02)	0.03 (0.02, 0.04)	0.05 (0.04, 0.07)	0.07 (0.05, 0.10)	0.04 (0.03, 0.05)
	60	0.02 (0.01, 0.04)	0.05 (0.04, 0.07)	0.07 (0.05, 0.09)	0.07 (0.05, 0.10)	0.04 (0.03, 0.05)
	70	0.04 (0.02, 0.06)	0.06 (0.04, 0.09)	- (- , -)	0.06 (0.04, 0.10)	0.04 (0.03, 0.05)
80	0.04 (0.02, 0.07)	- (- , -)	- (- , -)	0.05 (0.02, 0.11)	0.04 (0.02, 0.05)	

Devcan Version 6.2.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

- Statistic could not be calculated.

A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table XVI-9 - continued
MELANOMA OF THE SKIN (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years, Lifetime Risk of Being Diagnosed with Cancer, and
 Lifetime Risk of Dying from Cancer Given Cancer Free At Current Age
 Males, 2002-2004 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer				Risk of Dying from Cancer	
		+10 yrs Percent (95% C.I.)	+20 yrs Percent (95% C.I.)	+30 yrs Percent (95% C.I.)	Eventually Percent (95% C.I.)	Eventually Percent (95% C.I.)	
Asian/ Pacific Islander	0	0.00 (0.00, 0.01)	0.00 (0.00, 0.01)	0.01 (0.00, 0.01)	0.19 (0.15, 0.26)	0.06 (0.04, 0.11)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.19 (0.15, 0.26)	0.06 (0.04, 0.11)	
	20	0.00 (0.00, 0.01)	0.01 (0.01, 0.01)	0.02 (0.02, 0.03)	0.19 (0.15, 0.26)	0.06 (0.04, 0.11)	
	30	0.01 (0.00, 0.01)	0.02 (0.01, 0.03)	0.04 (0.03, 0.05)	0.19 (0.15, 0.25)	0.06 (0.04, 0.11)	
	40	0.01 (0.01, 0.02)	0.03 (0.02, 0.04)	0.06 (0.05, 0.08)	0.19 (0.14, 0.25)	0.06 (0.04, 0.11)	
	50	0.02 (0.01, 0.03)	0.05 (0.04, 0.07)	0.11 (0.08, 0.13)	0.18 (0.13, 0.24)	0.06 (0.04, 0.11)	
	60	0.03 (0.02, 0.05)	0.09 (0.07, 0.12)	0.13 (0.10, 0.17)	0.16 (0.12, 0.23)	0.06 (0.04, 0.11)	
	70	0.06 (0.04, 0.09)	0.11 (0.08, 0.15)	- (- , -)	0.14 (0.10, 0.22)	0.05 (0.03, 0.11)	
80	0.06 (0.04, 0.10)	- (- , -)	- (- , -)	0.11 (0.06, 0.20)	0.04 (0.02, 0.11)		
American Indian/ Alaska Native ^a	0	0.00 (0.00, 0.04)	0.00 (0.00, 0.04)	0.00 (0.00, 0.04)	0.34 (0.18, 1.01)	0.10 (0.05, 0.28)	
	10	0.00 (0.00, 0.02)	0.00 (0.00, 0.02)	0.01 (0.00, 0.05)	0.34 (0.18, 1.03)	0.10 (0.06, 0.29)	
	20	0.00 (0.00, 0.02)	0.02 (0.00, 0.05)	0.05 (0.02, 0.10)	0.35 (0.18, 1.04)	0.10 (0.06, 0.29)	
	30	0.01 (0.00, 0.05)	0.05 (0.02, 0.10)	0.11 (0.05, 0.19)	0.36 (0.18, 1.06)	0.10 (0.06, 0.30)	
	40	0.03 (0.01, 0.08)	0.10 (0.05, 0.18)	0.12 (0.06, 0.23)	0.35 (0.18, 1.09)	0.11 (0.06, 0.31)	
	50	0.06 (0.02, 0.14)	0.09 (0.03, 0.20)	0.19 (0.09, 0.38)	0.34 (0.16, 1.11)	0.11 (0.06, 0.32)	
	60	0.03 (0.00, 0.13)	0.14 (0.05, 0.34)	0.29 (0.11, 0.64)	0.30 (0.12, 1.15)	0.10 (0.05, 0.34)	
	70	0.14 (0.04, 0.36)	0.32 (0.12, 0.73)	- (- , -)	0.33 (0.12, 1.35)	0.07 (0.02, 0.37)	
80	0.27 (0.06, 0.82)	- (- , -)	- (- , -)	0.28 (0.06, 1.83)	0.05 (0.01, 0.52)		
Hispanic ^b	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.49 (0.43, 0.58)	0.10 (0.08, 0.13)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.02 (0.01, 0.02)	0.49 (0.43, 0.58)	0.10 (0.08, 0.13)	
	20	0.00 (0.00, 0.01)	0.02 (0.01, 0.02)	0.04 (0.04, 0.05)	0.50 (0.43, 0.58)	0.10 (0.09, 0.13)	
	30	0.01 (0.01, 0.02)	0.04 (0.03, 0.05)	0.09 (0.08, 0.10)	0.50 (0.43, 0.59)	0.10 (0.09, 0.13)	
	40	0.03 (0.02, 0.03)	0.08 (0.07, 0.09)	0.16 (0.14, 0.19)	0.49 (0.42, 0.58)	0.10 (0.09, 0.13)	
	50	0.05 (0.04, 0.06)	0.14 (0.12, 0.16)	0.30 (0.26, 0.34)	0.48 (0.41, 0.57)	0.10 (0.08, 0.13)	
	60	0.09 (0.08, 0.12)	0.26 (0.23, 0.30)	0.39 (0.34, 0.45)	0.46 (0.38, 0.55)	0.09 (0.07, 0.12)	
	70	0.19 (0.16, 0.23)	0.34 (0.29, 0.41)	- (- , -)	0.42 (0.34, 0.53)	0.08 (0.06, 0.12)	
80	0.21 (0.16, 0.28)	- (- , -)	- (- , -)	0.31 (0.22, 0.46)	0.07 (0.05, 0.12)		

Devcan Version 6.2.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

^a Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. Underlying mortality data for Hispanics exclude deaths from Minnesota, New Hampshire and North Dakota.

- Statistic could not be calculated.

A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table XVI-9 - continued
 MELANOMA OF THE SKIN (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years, Lifetime Risk of Being Diagnosed with Cancer, and
 Lifetime Risk of Dying from Cancer Given Cancer Free At Current Age
 Females, 2002-2004 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer			Risk of Dying from Cancer	
		+10 yrs Percent (95% C.I.)	+20 yrs Percent (95% C.I.)	+30 yrs Percent (95% C.I.)	Eventually Percent (95% C.I.)	Eventually Percent (95% C.I.)
All Races	0	0.00 (0.00, 0.00)	0.02 (0.01, 0.02)	0.09 (0.08, 0.09)	1.40 (1.38, 1.42)	0.20 (0.19, 0.20)
	10	0.02 (0.01, 0.02)	0.09 (0.08, 0.09)	0.21 (0.21, 0.22)	1.42 (1.39, 1.44)	0.20 (0.19, 0.20)
	20	0.07 (0.07, 0.08)	0.20 (0.19, 0.21)	0.39 (0.38, 0.40)	1.40 (1.38, 1.43)	0.20 (0.19, 0.20)
	30	0.13 (0.12, 0.13)	0.32 (0.31, 0.33)	0.55 (0.53, 0.56)	1.34 (1.32, 1.36)	0.20 (0.19, 0.20)
	40	0.19 (0.19, 0.20)	0.42 (0.41, 0.43)	0.69 (0.68, 0.71)	1.22 (1.20, 1.24)	0.19 (0.19, 0.20)
	50	0.23 (0.23, 0.24)	0.51 (0.50, 0.52)	0.80 (0.78, 0.82)	1.05 (1.03, 1.07)	0.18 (0.18, 0.19)
	60	0.29 (0.28, 0.30)	0.59 (0.58, 0.61)	0.80 (0.78, 0.82)	0.86 (0.84, 0.88)	0.16 (0.16, 0.17)
	70	0.34 (0.33, 0.36)	0.57 (0.56, 0.59)	- (- , -)	0.64 (0.62, 0.66)	0.14 (0.14, 0.14)
80	0.31 (0.30, 0.32)	- (- , -)	- (- , -)	0.40 (0.38, 0.42)	0.10 (0.10, 0.11)	
White	0	0.00 (0.00, 0.00)	0.02 (0.02, 0.02)	0.11 (0.10, 0.11)	1.63 (1.60, 1.66)	0.22 (0.22, 0.23)
	10	0.02 (0.02, 0.02)	0.11 (0.10, 0.11)	0.26 (0.25, 0.27)	1.64 (1.62, 1.67)	0.22 (0.22, 0.23)
	20	0.09 (0.08, 0.09)	0.24 (0.23, 0.25)	0.47 (0.46, 0.48)	1.63 (1.60, 1.66)	0.22 (0.22, 0.23)
	30	0.15 (0.15, 0.16)	0.38 (0.37, 0.39)	0.65 (0.63, 0.66)	1.55 (1.52, 1.58)	0.22 (0.22, 0.23)
	40	0.23 (0.22, 0.24)	0.50 (0.49, 0.51)	0.82 (0.80, 0.83)	1.41 (1.39, 1.44)	0.22 (0.21, 0.22)
	50	0.28 (0.27, 0.28)	0.60 (0.58, 0.61)	0.93 (0.91, 0.95)	1.21 (1.18, 1.23)	0.20 (0.20, 0.21)
	60	0.34 (0.32, 0.35)	0.69 (0.67, 0.71)	0.91 (0.89, 0.93)	0.97 (0.95, 1.00)	0.18 (0.18, 0.19)
	70	0.39 (0.38, 0.41)	0.64 (0.63, 0.66)	- (- , -)	0.71 (0.69, 0.74)	0.15 (0.15, 0.16)
80	0.34 (0.32, 0.35)	- (- , -)	- (- , -)	0.43 (0.42, 0.45)	0.11 (0.11, 0.12)	
Black	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.10 (0.08, 0.13)	0.04 (0.03, 0.05)
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.01 (0.01, 0.01)	0.10 (0.08, 0.13)	0.04 (0.04, 0.05)
	20	0.00 (0.00, 0.01)	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.10 (0.08, 0.13)	0.04 (0.04, 0.05)
	30	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.02 (0.01, 0.03)	0.10 (0.08, 0.13)	0.04 (0.04, 0.05)
	40	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.03 (0.02, 0.04)	0.10 (0.08, 0.12)	0.04 (0.04, 0.05)
	50	0.01 (0.01, 0.02)	0.03 (0.02, 0.04)	0.06 (0.05, 0.08)	0.10 (0.08, 0.12)	0.04 (0.04, 0.05)
	60	0.02 (0.01, 0.03)	0.06 (0.04, 0.08)	0.08 (0.06, 0.10)	0.09 (0.07, 0.12)	0.04 (0.03, 0.05)
	70	0.04 (0.03, 0.06)	0.07 (0.05, 0.09)	- (- , -)	0.09 (0.07, 0.12)	0.04 (0.03, 0.05)
80	0.04 (0.02, 0.06)	- (- , -)	- (- , -)	0.07 (0.04, 0.11)	0.03 (0.02, 0.04)	

Devcan Version 6.2.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

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Table XVI-9 - continued
MELANOMA OF THE SKIN (Invasive)

Risk of Being Diagnosed With Cancer in 10, 20 and 30 Years, Lifetime Risk of Being Diagnosed with Cancer, and
 Lifetime Risk of Dying from Cancer Given Cancer Free At Current Age
 Females, 2002-2004 By Race/Ethnicity

Race/ Ethnicity	Current Age	Risk of Being Diagnosed with Cancer				Risk of Dying from Cancer	
		+10 yrs Percent (95% C.I.)	+20 yrs Percent (95% C.I.)	+30 yrs Percent (95% C.I.)	Eventually Percent (95% C.I.)	Eventually Percent (95% C.I.)	
Asian/ Pacific Islander	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.01 (0.00, 0.01)	0.17 (0.13, 0.23)	0.06 (0.03, 0.12)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.02 (0.02, 0.03)	0.17 (0.13, 0.24)	0.06 (0.03, 0.12)	
	20	0.01 (0.00, 0.01)	0.02 (0.02, 0.03)	0.04 (0.03, 0.05)	0.17 (0.13, 0.24)	0.06 (0.03, 0.12)	
	30	0.02 (0.01, 0.02)	0.03 (0.02, 0.04)	0.05 (0.04, 0.06)	0.16 (0.13, 0.23)	0.06 (0.03, 0.12)	
	40	0.02 (0.01, 0.02)	0.03 (0.03, 0.04)	0.06 (0.04, 0.07)	0.15 (0.11, 0.22)	0.06 (0.03, 0.12)	
	50	0.02 (0.01, 0.03)	0.04 (0.03, 0.06)	0.07 (0.06, 0.10)	0.13 (0.10, 0.20)	0.06 (0.03, 0.12)	
	60	0.02 (0.01, 0.03)	0.06 (0.04, 0.08)	0.10 (0.07, 0.13)	0.12 (0.08, 0.19)	0.06 (0.03, 0.12)	
	70	0.04 (0.02, 0.05)	0.08 (0.06, 0.11)	- (- , -)	0.10 (0.06, 0.18)	0.05 (0.02, 0.12)	
	80	0.05 (0.03, 0.08)	- (- , -)	- (- , -)	0.08 (0.04, 0.16)	0.06 (0.02, 0.13)	
American Indian/ Alaska Native ^a	0	0.00 (0.00, 0.04)	0.00 (0.00, 0.04)	0.01 (0.00, 0.05)	0.27 (0.06, 0.88)	0.16 (0.07, 0.35)	
	10	0.00 (0.00, 0.02)	0.01 (0.00, 0.04)	0.01 (0.00, 0.05)	0.27 (0.06, 0.89)	0.16 (0.07, 0.36)	
	20	0.01 (0.00, 0.04)	0.01 (0.00, 0.05)	0.03 (0.01, 0.07)	0.27 (0.06, 0.90)	0.16 (0.07, 0.36)	
	30	0.01 (0.00, 0.04)	0.02 (0.00, 0.06)	0.03 (0.01, 0.09)	0.27 (0.06, 0.90)	0.16 (0.07, 0.36)	
	40	0.01 (0.00, 0.05)	0.03 (0.01, 0.08)	0.06 (0.02, 0.16)	0.26 (0.05, 0.91)	0.17 (0.07, 0.37)	
	50	0.01 (0.00, 0.06)	0.05 (0.01, 0.15)	0.08 (0.02, 0.22)	0.26 (0.05, 0.93)	0.17 (0.07, 0.38)	
	60	0.04 (0.01, 0.14)	0.07 (0.02, 0.21)	0.10 (0.03, 0.31)	0.26 (0.04, 0.97)	0.17 (0.07, 0.40)	
	70	0.04 (0.00, 0.17)	0.07 (0.01, 0.30)	- (- , -)	0.25 (0.03, 1.07)	0.18 (0.06, 0.44)	
	80	0.05 (0.00, 0.33)	- (- , -)	- (- , -)	0.29 (0.02, 1.38)	0.17 (0.03, 0.53)	
Hispanic ^b	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.02 (0.02, 0.03)	0.53 (0.48, 0.61)	0.09 (0.07, 0.11)	
	10	0.00 (0.00, 0.00)	0.02 (0.02, 0.03)	0.06 (0.06, 0.07)	0.54 (0.48, 0.61)	0.09 (0.07, 0.12)	
	20	0.02 (0.02, 0.03)	0.06 (0.05, 0.07)	0.12 (0.11, 0.13)	0.54 (0.48, 0.61)	0.09 (0.07, 0.12)	
	30	0.04 (0.03, 0.05)	0.10 (0.09, 0.11)	0.17 (0.15, 0.18)	0.52 (0.46, 0.59)	0.09 (0.07, 0.12)	
	40	0.06 (0.05, 0.07)	0.13 (0.11, 0.14)	0.22 (0.20, 0.24)	0.48 (0.42, 0.55)	0.09 (0.07, 0.11)	
	50	0.07 (0.06, 0.08)	0.16 (0.14, 0.18)	0.28 (0.25, 0.31)	0.43 (0.37, 0.50)	0.09 (0.07, 0.11)	
	60	0.10 (0.08, 0.12)	0.22 (0.19, 0.25)	0.32 (0.28, 0.37)	0.37 (0.31, 0.45)	0.08 (0.06, 0.11)	
	70	0.13 (0.11, 0.16)	0.24 (0.20, 0.29)	- (- , -)	0.30 (0.24, 0.38)	0.08 (0.06, 0.10)	
	80	0.14 (0.10, 0.18)	- (- , -)	- (- , -)	0.21 (0.15, 0.30)	0.07 (0.04, 0.10)	

Devcan Version 6.2.0, April 2006, National Cancer Institute (<http://srab.cancer.gov/devcan/>).

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

^a Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. Underlying mortality data for Hispanics exclude deaths from Minnesota, New Hampshire and North Dakota.

- Statistic could not be calculated.

A percent or confidence interval value of 0.00 represents a value that is below 0.005.

Table XVI-10
MELANOMA OF THE SKIN (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS^a
 By Race/Ethnicity and Sex

SEER Incidence

RACE/ETHNICITY	Rate 2000-2004 ^b			Trend 1995-2004 ^c		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	18.5	23.6	14.9	1.2*	1.2*	1.3*
White	21.6	27.2	17.6	1.8*	1.7*	1.9*
White Hispanic ^d	4.5	4.6	4.7	-0.1	-1.0	0.9
White Non-Hispanic ^d	25.1	31.4	20.6	2.3*	2.2*	2.5*
Black	1.0	1.1	0.9	-6.1*	-9.8*	-
Asian/Pacific Islander	1.5	1.7	1.3	2.4	1.1	3.7
Amer Ind/Alaska Nat ^e	2.9	4.1	2.0	-	-	-
Hispanic ^d	4.5	4.5	4.6	-0.3	-1.4	0.7

U.S. Mortality^f

RACE/ETHNICITY	Rate 2000-2004			Trend 1995-2004		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.6	3.9	1.7	-0.5*	-0.3	-0.9*
White	3.0	4.3	2.0	-0.3	-0.2	-0.7*
White Hispanic ^d	0.8	1.0	0.6	-2.5*	-4.5*	0.1
White Non-Hispanic ^d	3.2	4.7	2.1	-0.1	0.1	-0.5
Black	0.4	0.5	0.4	-1.5	-0.4	-2.2
Asian/Pacific Islander	0.3	0.4	0.3	-3.3	-	-
Amer Ind/Alaska Nat						
Total U.S.	0.7	0.9	0.6	-	-	-
CHSDA Counties	1.0	1.3	0.7	-	-	-
Non-CHSDA Counties	-	-	-	-	-	-
Hispanic ^d	0.7	0.9	0.6	-2.5*	-4.6*	0.1

- The APC is the Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- ^c Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d 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 are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. The 2000-2004 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1995-2004 Hispanic and Non-Hispanic mortality trends exclude deaths from Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.
- ^e Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^f Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- * The APC is significantly different from zero (p<.05).

Table XVI-11
MELANOMA OF THE SKIN (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES^a
 By Registry, Race and Sex

	<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>SEER INCIDENCE RATES^a, 2000-2004</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	20.6	28.0	15.7	30.2	38.8	24.6	1.0	1.6	0.7
Atlanta	20.9	28.6	15.9	30.6	39.5	24.8	1.1	1.7	0.7
Rural Georgia	14.7	19.0	11.6	23.7	28.5	20.2	-	-	-
California	18.4	24.0	14.4	21.1	27.4	16.5	1.0	1.1	0.9
Greater Bay Area	15.4	20.0	12.1	19.9	25.6	15.7	-	-	-
San Francisco-Oakland	14.8	19.3	11.6	19.7	25.5	15.6	-	-	-
San Jose-Monterey	16.5	21.3	13.0	20.1	25.8	16.0	-	-	-
Los Angeles	14.1	19.1	10.6	17.8	23.8	13.5	0.8	0.8	0.8
Greater California	21.8	27.8	17.2	23.0	29.5	18.2	1.5	1.4	1.5
Connecticut	22.0	27.4	18.4	23.6	29.0	20.0	-	-	-
Detroit	16.5	20.8	13.7	21.5	26.5	18.4	0.7	-	0.8
Hawaii	17.2	22.5	13.0	56.4	73.0	41.8	-	-	-
Iowa	17.5	19.8	16.2	16.8	18.9	15.5	-	-	-
Kentucky	20.2	24.7	17.2	20.4	25.0	17.3	1.6	-	-
Louisiana	10.9	14.6	8.3	14.4	18.8	11.2	1.2	1.3	1.2
New Jersey	18.8	24.4	15.0	22.0	28.0	17.8	1.0	-	1.1
New Mexico	17.6	22.1	14.2	19.4	24.0	15.9	-	-	-
Seattle-Puget Sound	23.7	27.9	20.9	26.9	31.3	24.1	-	-	-
Utah	22.3	27.2	18.5	23.1	28.1	19.2	-	-	-
9 SEER Areas ^b	19.1	23.7	15.9	23.0	28.1	19.5	0.8	1.1	0.7
11 SEER Areas ^b	17.7	22.4	14.5	21.6	27.0	17.9	0.8	1.1	0.7
13 SEER Areas ^b	17.7	22.4	14.4	21.6	27.0	17.9	0.8	1.0	0.7
17 SEER Areas ^b	18.5	23.6	14.9	21.6	27.2	17.6	1.0	1.1	0.9

^a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVI-12
 MELANOMA OF THE SKIN CANCER (Invasive)

AGE-ADJUSTED SEER DEATH RATES^a
 By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER DEATH RATES^a, 2000-2004</u>									
REGISTRY									
Atlanta & Rural Georgia	2.4	3.7	1.4	3.3	5.0	2.0	-	-	-
Atlanta	2.4	3.8	1.4	3.3	5.1	2.0	-	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	2.5	3.8	1.6	3.1	4.5	1.9	0.3	-	-
Greater Bay Area	2.3	3.4	1.6	3.1	4.5	2.1	-	-	-
San Francisco-Oakland	2.4	3.5	1.5	3.2	4.8	2.1	-	-	-
San Jose-Monterey	2.3	3.2	1.8	2.9	4.0	2.2	-	-	-
Los Angeles	1.8	2.7	1.1	2.4	3.6	1.5	-	-	-
Greater California	3.0	4.4	1.9	3.3	5.0	2.1	-	-	-
Connecticut	2.8	3.9	1.9	3.0	4.2	2.1	-	-	-
Detroit	1.8	2.9	1.0	2.3	3.6	1.3	-	-	-
Hawaii	1.7	2.4	1.1	4.6	6.5	2.8	-	-	-
Iowa	2.3	3.4	1.4	2.3	3.5	1.4	-	-	-
Kentucky	3.3	4.8	2.1	3.5	5.1	2.2	-	-	-
Louisiana	2.2	3.1	1.5	2.8	3.9	1.9	0.7	1.0	0.5
New Jersey	2.6	3.9	1.7	3.0	4.5	1.9	0.4	-	-
New Mexico	2.3	3.3	1.6	2.5	3.4	1.8	-	-	-
Seattle-Puget Sound	2.8	4.1	1.8	3.1	4.5	2.0	-	-	-
Utah	3.2	4.3	2.1	3.3	4.5	2.2	-	-	-
9 SEER Areas ^b	2.4	3.6	1.5	2.9	4.2	1.8	0.3	0.5	0.3
11 SEER Areas ^b	2.3	3.3	1.5	2.8	4.0	1.8	0.3	0.4	0.3
13 SEER Areas ^b	2.3	3.3	1.5	2.7	4.0	1.8	0.3	0.4	0.3
17 SEER Areas ^b	2.5	3.7	1.6	3.0	4.4	1.9	0.4	0.5	0.4
Total U.S.	2.6	3.9	1.7	3.0	4.3	2.0	0.4	0.5	0.4

^a NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Table XVI-13
 MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, ALL RACES, 2000-2004

Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	2.6	0.01							
High Five States									
Oklahoma	3.4 ^b	0.14	(01)	30.8 ^c					
Idaho	3.3	0.23	(02)	26.9 ^c					
Kentucky	3.3 ^b	0.13	(03)	26.9 ^c					
Oregon	3.2 ^b	0.13	(04)	23.1 ^c					
Utah	3.2	0.19	(05)	23.1 ^c					
Low Five States									
Louisiana	2.2 ^b	0.10	(47)	-15.4 ^c					
Alaska	1.7	0.29	(48)	-34.6 ^c					
Hawaii	1.7 ^b	0.16	(49)	-34.6 ^c					
North Dakota	1.5 ^b	0.21	(50)	-42.3 ^c					
District of Columbia	1.5 ^b	0.23	(51)	-42.3 ^c					
Alabama	2.6	0.10	(35)	0.0	Montana	3.0	0.25	(09)	15.4 ^c
Alaska	1.7	0.29	(48)	-34.6 ^c	Nebraska	2.8	0.18	(25)	7.7
Arizona	2.8	0.10	(26)	7.7	Nevada	3.0	0.17	(12)	15.4 ^c
Arkansas	2.5	0.13	(38)	-3.8	New Hampshire	3.1	0.22	(06)	19.2 ^c
California	2.5	0.04	(36)	-3.8	New Jersey	2.6	0.08	(30)	0.0
Colorado	3.0	0.12	(16)	15.4 ^c	New Mexico	2.3	0.16	(42)	-11.5
Connecticut	2.8	0.12	(27)	7.7	New York	2.2 ^b	0.05	(45)	-15.4 ^c
Delaware	3.1	0.27	(07)	19.2 ^c	North Carolina	2.9	0.08	(18)	11.5
District of Columbia	1.5 ^b	0.23	(51)	-42.3 ^c	North Dakota	1.5 ^b	0.21	(50)	-42.3 ^c
Florida	2.9 ^b	0.05	(22)	11.5	Ohio	2.6	0.07	(33)	0.0
Georgia	2.6	0.09	(31)	0.0	Oklahoma	3.4 ^b	0.14	(01)	30.8 ^c
Hawaii	1.7 ^b	0.16	(49)	-34.6 ^c	Oregon	3.2 ^b	0.13	(04)	23.1 ^c
Idaho	3.3	0.23	(02)	26.9 ^c	Pennsylvania	2.8	0.06	(23)	7.7
Illinois	2.4 ^b	0.06	(40)	-7.7	Rhode Island	3.0	0.23	(10)	15.4 ^c
Indiana	2.9	0.10	(21)	11.5	South Carolina	2.6	0.11	(34)	0.0
Iowa	2.3	0.12	(44)	-11.5	South Dakota	2.5	0.25	(37)	-3.8
Kansas	2.8	0.14	(28)	7.7	Tennessee	2.8	0.10	(24)	7.7
Kentucky	3.3 ^b	0.13	(03)	26.9 ^c	Texas	2.6	0.05	(32)	0.0
Louisiana	2.2 ^b	0.10	(47)	-15.4 ^c	Utah	3.2	0.19	(05)	23.1 ^c
Maine	2.9	0.20	(17)	11.5	Vermont	3.0	0.30	(13)	15.4 ^c
Maryland	2.7	0.10	(29)	3.8	Virginia	2.9	0.09	(19)	11.5
Massachusetts	3.0	0.09	(15)	15.4 ^c	Washington	2.9	0.10	(20)	11.5
Michigan	2.3 ^b	0.07	(43)	-11.5	West Virginia	3.0	0.17	(11)	15.4 ^c
Minnesota	2.4	0.10	(41)	-7.7	Wisconsin	2.4	0.09	(39)	-7.7
Mississippi	2.2 ^b	0.13	(46)	-15.4 ^c	Wyoming	3.1	0.35	(08)	19.2 ^c
Missouri	3.0	0.10	(14)	15.4 ^c					

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b Difference between state rate and total U.S. rate is statistically significant ($p < .0002$).

^c Absolute percent difference between state rate and total U.S. rate is 15% or more.

SE Standard error of the rate.

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

Table XVI-14
 MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, ALL RACES, 2000-2004

Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	3.9	0.03							
High Five States									
Oklahoma	5.0 ^b	0.25	(01)	28.2 ^c					
Delaware	4.9	0.53	(02)	25.6 ^c					
Idaho	4.8	0.41	(03)	23.1 ^c					
Kentucky	4.8 ^b	0.24	(04)	23.1 ^c					
Vermont	4.8	0.58	(05)	23.1 ^c					
Low Five States									
Louisiana	3.1 ^b	0.19	(47)	-20.5 ^c					
District of Columbia	2.6	0.50	(48)	-33.3 ^c					
Hawaii	2.4 ^b	0.28	(49)	-38.5 ^c					
Alaska	2.1 ^b	0.45	(50)	-46.2 ^c					
North Dakota	2.0 ^b	0.35	(51)	-48.7 ^c					
Alabama	3.7	0.20	(36)	-5.1	Montana	4.1	0.43	(21)	5.1
Alaska	2.1 ^b	0.45	(50)	-46.2 ^c	Nebraska	4.3	0.33	(14)	10.3
Arizona	4.2	0.19	(17)	7.7	Nevada	4.2	0.31	(16)	7.7
Arkansas	3.6	0.24	(37)	-7.7	New Hampshire	4.5	0.40	(08)	15.4 ^c
California	3.8	0.08	(33)	-2.6	New Jersey	3.9	0.14	(29)	0.0
Colorado	4.1	0.23	(20)	5.1	New Mexico	3.3	0.29	(44)	-15.4 ^c
Connecticut	3.9	0.22	(28)	0.0	New York	3.1 ^b	0.09	(46)	-20.5 ^c
Delaware	4.9	0.53	(02)	25.6 ^c	North Carolina	4.2	0.16	(19)	7.7
District of Columbia	2.6	0.50	(48)	-33.3 ^c	North Dakota	2.0 ^b	0.35	(51)	-48.7 ^c
Florida	4.3 ^b	0.10	(15)	10.3	Ohio	3.7	0.12	(34)	-5.1
Georgia	3.7	0.16	(35)	-5.1	Oklahoma	5.0 ^b	0.25	(01)	28.2 ^c
Hawaii	2.4 ^b	0.28	(49)	-38.5 ^c	Oregon	4.6	0.24	(06)	17.9 ^c
Idaho	4.8	0.41	(03)	23.1 ^c	Pennsylvania	4.0	0.11	(26)	2.6
Illinois	3.4 ^b	0.11	(42)	-12.8	Rhode Island	4.4	0.42	(09)	12.8
Indiana	4.0	0.18	(23)	2.6	South Carolina	3.9	0.22	(30)	0.0
Iowa	3.4	0.22	(40)	-12.8	South Dakota	3.3	0.42	(45)	-15.4 ^c
Kansas	3.8	0.25	(32)	-2.6	Tennessee	4.2	0.19	(18)	7.7
Kentucky	4.8 ^b	0.24	(04)	23.1 ^c	Texas	3.8	0.10	(31)	-2.6
Louisiana	3.1 ^b	0.19	(47)	-20.5 ^c	Utah	4.3	0.33	(13)	10.3
Maine	4.3	0.37	(11)	10.3	Vermont	4.8	0.58	(05)	23.1 ^c
Maryland	4.0	0.19	(24)	2.6	Virginia	4.0	0.17	(25)	2.6
Massachusetts	4.4	0.17	(10)	12.8	Washington	4.1	0.18	(22)	5.1
Michigan	3.5	0.13	(39)	-10.3	West Virginia	4.5	0.32	(07)	15.4 ^c
Minnesota	3.3	0.18	(43)	-15.4 ^c	Wisconsin	3.6	0.17	(38)	-7.7
Mississippi	3.4	0.25	(41)	-12.8	Wyoming	4.0	0.58	(27)	2.6
Missouri	4.3	0.19	(12)	10.3					

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b Difference between state rate and total U.S. rate is statistically significant ($p < .0002$).

^c Absolute percent difference between state rate and total U.S. rate is 15% or more.

SE Standard error of the rate.

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

Table XVI-15
 MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, ALL RACES, 2000-2004

Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	1.7	0.01							
High Five States									
Montana	2.2	0.29	(01)	29.4 ^c	Montana	2.2	0.29	(01)	29.4 ^c
Wyoming	2.2	0.40	(02)	29.4 ^c	Nebraska	1.6	0.19	(37)	-5.9
Utah	2.1	0.22	(03)	23.5 ^c	Nevada	1.9	0.19	(20)	11.8
Kentucky	2.1	0.14	(04)	23.5 ^c	New Hampshire	2.0	0.24	(13)	17.6 ^c
Virginia	2.1	0.10	(05)	23.5 ^c	New Jersey	1.7	0.08	(31)	0.0
Low Five States					New Mexico	1.6	0.18	(41)	-5.9
Mississippi	1.4	0.13	(47)	-17.6 ^c	New York	1.6	0.05	(34)	-5.9
Alaska	1.2	0.34	(48)	-29.4 ^c	North Carolina	1.9	0.09	(16)	11.8
North Dakota	1.1	0.25	(49)	-35.3 ^c	North Dakota	1.1	0.25	(49)	-35.3 ^c
Hawaii	1.1 ^b	0.18	(50)	-35.3 ^c	Ohio	1.7	0.07	(29)	0.0
District of Columbia	0.9 ^b	0.23	(51)	-47.1 ^c	Oklahoma	2.0	0.14	(09)	17.6 ^c
Alabama	1.8	0.12	(28)	5.9	Oregon	2.1	0.14	(06)	23.5 ^c
Alaska	1.2	0.34	(48)	-29.4 ^c	Pennsylvania	1.9	0.07	(17)	11.8
Arizona	1.6	0.10	(42)	-5.9	Rhode Island	2.1	0.25	(08)	23.5 ^c
Arkansas	1.6	0.14	(35)	-5.9	South Carolina	1.6	0.12	(38)	-5.9
California	1.6	0.04	(39)	-5.9	South Dakota	2.0	0.30	(15)	17.6 ^c
Colorado	2.1	0.14	(07)	23.5 ^c	Tennessee	1.8	0.11	(24)	5.9
Connecticut	1.9	0.14	(19)	11.8	Texas	1.7	0.06	(32)	0.0
Delaware	1.8	0.28	(23)	5.9	Utah	2.1	0.22	(03)	23.5 ^c
District of Columbia	0.9 ^b	0.23	(51)	-47.1 ^c	Vermont	1.6	0.30	(40)	-5.9
Florida	1.8	0.06	(27)	5.9	Virginia	2.1	0.10	(05)	23.5 ^c
Georgia	1.8	0.09	(26)	5.9	Washington	1.9	0.11	(21)	11.8
Hawaii	1.1 ^b	0.18	(50)	-35.3 ^c	West Virginia	1.8	0.18	(25)	5.9
Idaho	2.0	0.24	(14)	17.6 ^c	Wisconsin	1.5	0.10	(43)	-11.8
Illinois	1.6	0.07	(36)	-5.9	Wyoming	2.2	0.40	(02)	29.4 ^c
Indiana	2.0	0.11	(11)	17.6 ^c					
Iowa	1.4	0.13	(46)	-17.6 ^c					
Kansas	2.0	0.16	(12)	17.6 ^c					
Kentucky	2.1	0.14	(04)	23.5 ^c					
Louisiana	1.5	0.11	(44)	-11.8					
Maine	1.9	0.22	(22)	11.8					
Maryland	1.7	0.11	(33)	0.0					
Massachusetts	2.0	0.10	(10)	17.6 ^c					
Michigan	1.4 ^b	0.07	(45)	-17.6 ^c					
Minnesota	1.7	0.11	(30)	0.0					
Mississippi	1.4	0.13	(47)	-17.6 ^c					
Missouri	1.9	0.11	(18)	11.8					

^a NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b Difference between state rate and total U.S. rate is statistically significant ($p < .0002$).

^c Absolute percent difference between state rate and total U.S. rate is 15% or more.

SE Standard error of the rate.

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

Table XVI-16
MELANOMA OF THE SKIN (Invasive)

Estimated United States Cancer Prevalence Counts^a on January 1, 2004
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 <14 ^e	0 to <29 ^e	>=29 ^g	Complete ^h
Race/Sex									
All Races ^b	214,760	156,160	109,126	81,224	54,484	460,827	642,642	47,379	690,021
Males	113,145	80,114	53,672	36,196	22,987	237,858	317,120	16,210	333,330
Females	101,615	76,046	55,454	45,028	31,497	222,969	325,522	31,169	356,691
White ^b	206,665	149,731	104,603	77,045	52,848	442,601	616,365	44,770	661,135
Males	109,025	76,878	51,691	34,499	22,257	228,799	304,746	15,451	320,197
Females	97,640	72,853	52,912	42,546	30,591	213,802	311,619	29,319	340,938
Black ^b	737	628	374	200	109	1,623	2,159	122	2,281
Males	342	317	148	48	35	774	916	46	962
Females	395	311	226	152	74	849	1,243	76	1,319
Asian/Pacific Islander ^c	549	323	+	+	+	1,004	+	+	+
Males	246	143	+	+	+	437	+	+	+
Females	303	180	+	+	+	567	+	+	+
Hispanic ^d	3,695	2,365	+	+	+	7,478	+	+	+
Males	1,330	893	+	+	+	2,746	+	+	+
Females	2,365	1,472	+	+	+	4,732	+	+	+

Estimated prevalence percent^a on January 1, 2004, 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 ^f
	All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	All Ages
Race/Sex											
All Races ^c	0.1065%	0.0003%	0.0029%	0.0256%	0.0703%	0.1334%	0.2032%	0.2762%	0.3511%	0.3229%	0.1092%
Males	0.1134%	0.0002%	0.0026%	0.0165%	0.0506%	0.1213%	0.2262%	0.3602%	0.5036%	0.5107%	0.1272%
Females	0.0998%	0.0003%	0.0031%	0.0351%	0.0906%	0.1455%	0.1815%	0.2011%	0.2360%	0.2199%	0.0973%
White ^c	0.1329%	0.0003%	0.0036%	0.0322%	0.0882%	0.1644%	0.2477%	0.3331%	0.4191%	0.3684%	0.1323%
Males	0.1404%	0.0003%	0.0032%	0.0198%	0.0619%	0.1469%	0.2726%	0.4277%	0.5946%	0.5921%	0.1515%
Females	0.1254%	0.0003%	0.0040%	0.0457%	0.1165%	0.1823%	0.2233%	0.2461%	0.2838%	0.2474%	0.1201%
Black ^c	0.0037%	-	-	0.0008%	0.0033%	0.0038%	0.0055%	0.0177%	0.0180%	0.0202%	0.0048%
Males	0.0037%	-	-	-	0.0027%	0.0040%	0.0052%	0.0223%	0.0220%	0.0284%	0.0055%
Females	0.0038%	-	-	-	0.0038%	0.0035%	0.0058%	0.0141%	0.0154%	0.0162%	0.0044%
Asian/Pacific Islander ^c	0.0072%	-	0.0009%	0.0014%	0.0062%	0.0075%	0.0117%	0.0173%	0.0246%	0.0306%	0.0075%
Males	0.0067%	-	-	-	0.0035%	0.0054%	0.0118%	0.0201%	0.0402%	0.0244%	0.0077%
Females	0.0076%	-	-	0.0014%	0.0088%	0.0095%	0.0116%	0.0150%	0.0135%	0.0348%	0.0074%
Hispanic ^d	0.0150%	-	-	0.0035%	0.0140%	0.0281%	0.0450%	0.0531%	0.0837%	0.1009%	0.0243%
Males	0.0105%	-	-	0.0017%	0.0057%	0.0176%	0.0325%	0.0558%	0.0922%	0.1349%	0.0217%
Females	0.0197%	-	-	0.0056%	0.0235%	0.0390%	0.0565%	0.0508%	0.0777%	0.0814%	0.0278%

^a US 2004 cancer prevalence counts are based on 2004 cancer prevalence proportions from the SEER registries and 1/1/2004 US population estimates based on the average of 2003 and 2004 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 and Rural Georgia (d) NHIA for Hispanic for SEER 11 Areas and Rural Georgia.

^e Maximum limited-duration prevalence: 29 years for 1975-2004 SEER 9 data; 14 years for 1990-2004 SEER 11 data (used to calculate prevalence for Hispanics and Asian Pacific Islanders).

^f Percentages are age-adjusted to the 2000 US Standard Population (19 age groups - Census P25-1130) by 5-year age groups.

^{g h} (g) Cases diagnosed more than 29 years ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (h) Complete prevalence is obtained by summing 0 to <29 and >=29.

- Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.

+ Not available.

SEER Incidence, Delay Adjusted Incidence and US Death Rates^a Melanoma of the Skin, White, by Sex

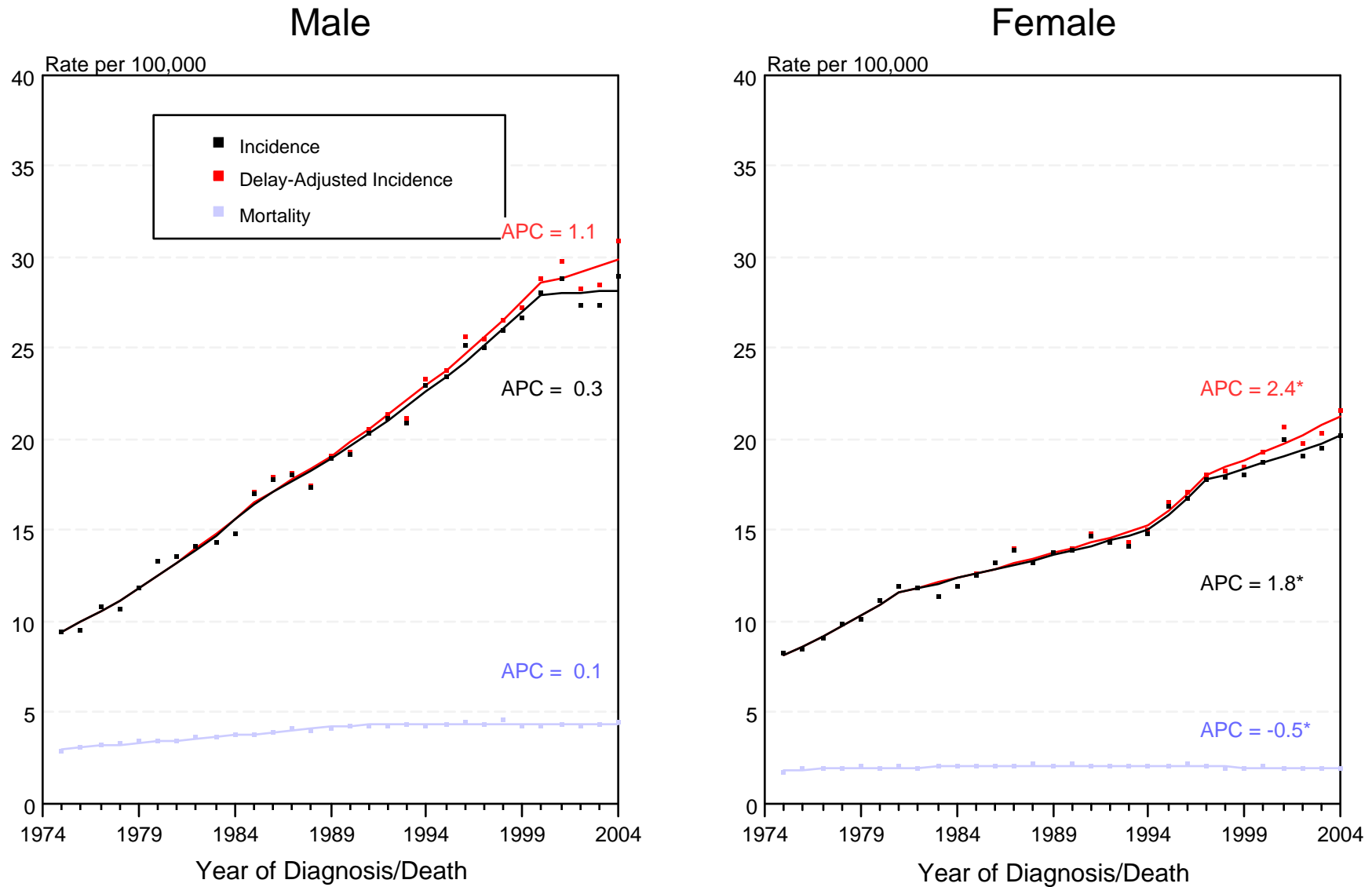


Figure XVI-1

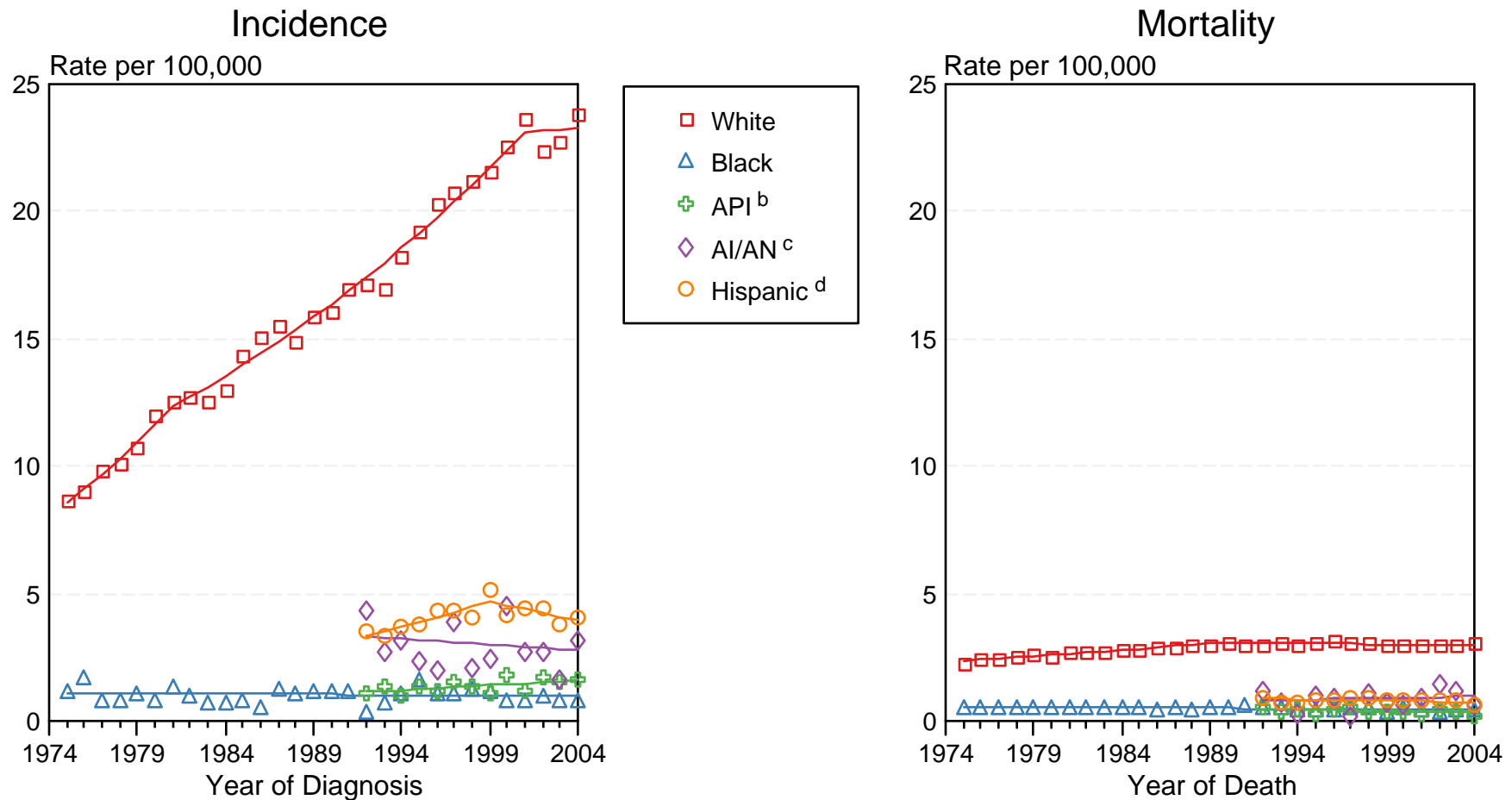
^a Source: SEER 9 areas and NCHS public use data file for the total US. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.0, April 2005, National Cancer Institute. The APC is 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^a Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2004

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2004



Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from NCHS public use data file for the total US.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.0, April 2005, National Cancer Institute.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Melanoma of the Skin

SEER Incidence 1992-1994 vs 2002-2004

White, by Age and Sex

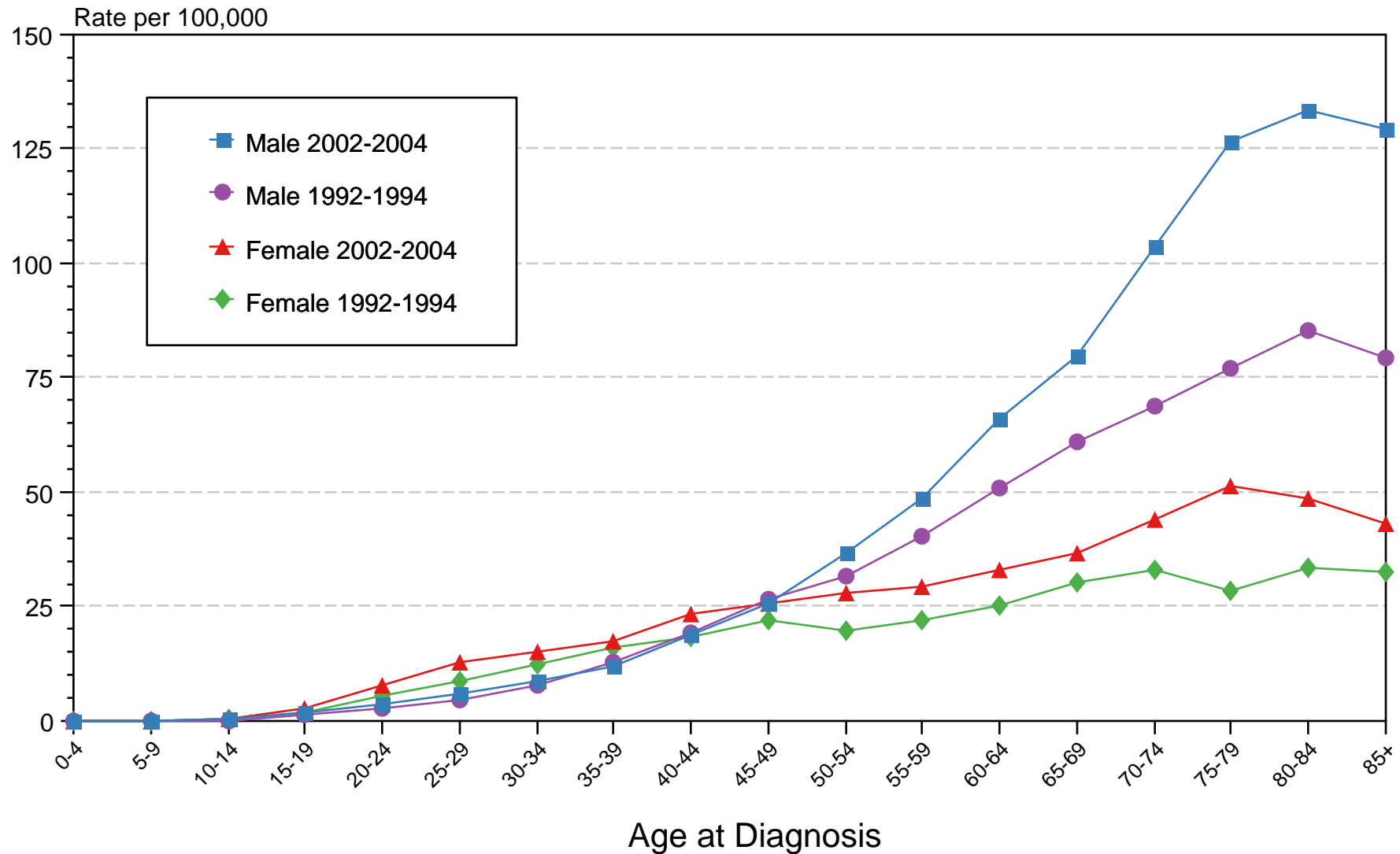


Figure XVI-3

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted as appropriate to the 2000 US Std Population (19 age groups - Census P25-1103).