

Table XVI-1
MELANOMA OF THE SKIN (Invasive)

TRENDS IN SEER INCIDENCE^a AND U.S. MORTALITY^b USING THE JOINTPOINT REGRESSION PROGRAM, 1975-2005
WITH UP TO THREE JOINTPOINTS BY RACE AND SEX

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		AAPC ^c	
		Years	APC	Years	APC	Years	APC	Years	APC	1996-2005	2001-2005
<u>SEER Cancer Incidence^a</u>											
All Races	Both Sexes	1975-1981	6.1*	1981-2005	2.8*					2.8*	2.8*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.4	2003-2005	6.4	2.8*	3.0
All Races	Female	1975-1981	4.9*	1981-2005	2.3*					2.3*	2.3*
White	Both Sexes	1975-1981	6.4*	1981-2005	3.1*					3.1*	3.1*
White	Male	1975-1985	5.7*	1985-2000	3.6*	2000-2003	-0.1	2003-2005	7.2*	3.1*	3.5
White	Female	1975-1981	6.1*	1981-1993	2.2*	1993-2005	3.2*			3.2*	3.2*
Black	Both Sexes	1975-2005	-0.5							-0.5	-0.5
Black	Male	1975-2005	0.3							0.3	0.3
Black	Female	1975-2005	-1.2*							-1.2*	-1.2*
<u>SEER Delay-Adjusted Incidence^a</u>											
All Races	Both Sexes	1975-1981	6.0*	1981-2005	2.9*					2.9*	2.9*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.2	2003-2005	7.7*	3.1*	3.7
All Races	Female	1975-1980	5.4*	1980-2005	2.5*					2.5*	2.5*
White	Both Sexes	1975-1981	6.2*	1981-2005	3.3*					3.3*	3.3*
White	Male	1975-1985	5.8*	1985-2000	3.7*	2000-2003	0.2	2003-2005	8.9*	3.7*	4.5*
White	Female	1975-1981	6.2*	1981-1993	2.2*	1993-2005	3.5*			3.5*	3.5*
<u>U.S. Cancer Mortality^b</u>											
All Races	Both Sexes	1975-1989	1.6*	1989-2005	-0.1					-0.1	-0.1
All Races	Male	1975-1990	2.2*	1990-2005	0.1					0.1	0.1
All Races	Female	1975-1988	0.8*	1988-2005	-0.6*					-0.6*	-0.6*
White	Both Sexes	1975-1989	1.7*	1989-2005	0.0					0.0	0.0
White	Male	1975-1990	2.3*	1990-2005	0.2					0.2	0.2
White	Female	1975-1988	0.9*	1988-2005	-0.4*					-0.4*	-0.4*
Black	Both Sexes	1975-2005	-0.7*							-0.7*	-0.7*
Black	Male	1975-2005	-1.1*							-1.1*	-1.1*
Black	Female	1975-2005	-0.4							-0.4	-0.4

Joinpoint Regression Program Version 3.3.1, April 2008, 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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

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b
c
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Table XVI-1a
MELANOMA OF THE SKIN (Invasive)

TRENDS IN SEER INCIDENCE^a AND U.S. MORTALITY^b USING THE JOINPOINT REGRESSION PROGRAM, 1975-2005
 WITH UP TO FOUR JOINPOINTS BY RACE AND SEX

		<u>Joinpoint Trend 1</u>		<u>Joinpoint Trend 2</u>		<u>Joinpoint Trend 3</u>		<u>Joinpoint Trend 4</u>		<u>Joinpoint Trend 5</u>		<u>AAPC^c</u>
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-2005
<u>SEER Cancer Incidence^a</u>												
All Races	Both Sexes	1975-1981	6.1*	1981-2005	2.8*							2.8*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.4	2003-2005	6.4			3.0
All Races	Female	1975-1981	4.9*	1981-2005	2.3*							2.3*
White	Both Sexes	1975-1981	6.4*	1981-2005	3.1*							3.1*
White	Male	1975-1985	5.7*	1985-2000	3.6*	2000-2003	-0.1	2003-2005	7.2*			3.5
White	Female	1975-1981	6.1*	1981-1993	2.2*	1993-2005	3.2*					3.2*
Black	Both Sexes	1975-2005	-0.5									-0.5
Black	Male	1975-2005	0.3									0.3
Black	Female	1975-2005	-1.2*									-1.2*
<u>SEER Delay-Adjusted Incidence^a</u>												
All Races	Both Sexes	1975-1981	6.0*	1981-2005	2.9*							2.9*
All Races	Male	1975-1985	5.4*	1985-2000	3.4*	2000-2003	-0.2	2003-2005	7.7*			3.7
All Races	Female	1975-1981	5.7*	1981-1993	1.9*	1993-2005	2.9*					2.9*
White	Both Sexes	1975-1981	6.2*	1981-2005	3.3*							3.3*
White	Male	1975-1985	5.8*	1985-2000	3.7*	2000-2003	0.2	2003-2005	8.9*			4.5*
White	Female	1975-1981	6.2*	1981-1993	2.2*	1993-2005	3.5*					3.5*
<u>U.S. Cancer Mortality^b</u>												
All Races	Both Sexes	1975-1977	4.8	1977-1990	1.3*	1990-2005	-0.2					-0.2
All Races	Male	1975-1990	2.2*	1990-2005	0.1							0.1
All Races	Female	1975-1988	0.8*	1988-2005	-0.6*							-0.6*
White	Both Sexes	1975-1989	1.7*	1989-2005	0.0							0.0
White	Male	1975-1990	2.3*	1990-2005	0.2							0.2
White	Female	1975-1988	0.9*	1988-2005	-0.4*							-0.4*
Black	Both Sexes	1975-2005	-0.7*									-0.7*
Black	Male	1975-2005	-1.1*									-1.1*
Black	Female	1975-2005	-0.4									-0.4

Joinpoint Regression Program Version 3.3.1, April 2008, 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).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2005.

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

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b
c
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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	9.9	10.8	9.2	-	-	-
1978	8.9	9.5	8.7	10.1	10.7	9.9	-	-	-
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	12.7	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	11.1	14.4	17.1	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	14.0	1.3	-	-
1988	12.9	15.0	11.4	14.9	17.4	13.2	1.1	-	-
1989	13.7	16.4	11.9	15.9	18.9	13.8	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	17.2	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	23.1	14.9	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	20.4	25.3	16.8	1.1	-	-
1997	17.7	21.6	14.8	20.8	25.1	17.8	1.1	-	-
1998	17.8	22.1	14.9	21.3	26.1	18.0	1.2	-	-
1999	18.2	22.8	15.0	21.7	26.8	18.2	1.1	-	-
2000	18.8	23.7	15.3	22.6	28.1	18.8	0.8	-	-
2001	19.5	24.3	16.2	23.7	28.9	20.0	0.8	-	-
2002	18.9	23.5	15.8	22.9	27.8	19.5	1.0	-	-
2003	19.2	23.6	16.1	23.2	28.0	19.9	0.8	-	-
2004	20.1	24.8	16.9	24.5	29.8	20.9	0.8	-	-
2005	21.5	26.8	17.9	26.4	32.3	22.3	0.9	-	-
1975-2005	14.9	18.1	12.7	17.3	20.9	15.0	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	2.9	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	0.6	0.4
2005	2.7	4.0	1.8	3.1	4.5	2.1	0.4	0.5	0.4
1975-2005	2.6	3.7	1.8	2.9	4.1	2.0	0.5	0.5	0.5

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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, 2001-2005									
All ages	19.4	24.6	15.6	22.6	28.5	18.5	1.0	1.1	0.9
Under 65	12.7	13.4	12.1	15.1	15.8	14.5	0.5	0.5	0.5
65 and over	65.4	102.1	40.1	74.8	116.2	45.8	4.6	5.5	4.0
All ages(IARC world std) ^c	13.9	16.7	11.8	16.4	19.5	14.1	0.6	0.7	0.6
AGE-SPECIFIC RATES, 2001-2005									
<1	-	-	-	-	-	-	-	-	-
1-4	0.1	-	-	0.1	-	-	-	-	-
5-9	0.2	0.2	0.2	0.2	0.2	0.2	-	-	-
10-14	0.4	0.3	0.4	0.5	0.4	0.5	-	-	-
15-19	1.8	1.4	2.2	2.2	1.7	2.6	-	-	-
20-24	4.2	2.6	5.9	5.0	3.2	7.1	-	-	-
25-29	7.1	4.9	9.5	8.8	5.9	11.9	-	-	-
30-34	9.8	7.2	12.4	11.7	8.6	15.1	0.6	-	-
35-39	12.6	10.5	14.8	15.3	12.5	18.1	0.5	-	-
40-44	18.2	16.8	19.6	21.7	19.8	23.6	0.5	-	-
45-49	22.9	23.5	22.3	27.3	27.7	26.9	0.7	-	-
50-54	28.6	33.2	24.1	34.0	39.1	28.9	-	-	-
55-59	36.6	46.7	27.0	42.6	53.7	31.9	1.7	2.1	-
60-64	45.1	60.3	31.2	52.7	70.1	36.6	2.1	-	-
65-69	52.0	73.9	33.0	61.0	86.0	39.0	2.6	3.6	-
70-74	64.0	94.7	39.3	74.3	109.1	45.8	4.7	5.8	4.0
75-79	73.6	115.0	44.2	83.7	130.6	50.0	5.4	6.8	4.5
80-84	77.9	129.0	46.0	86.9	145.3	50.4	5.8	-	6.0
85+	69.6	125.6	43.8	76.5	139.2	48.1	5.9	-	-
<u>U.S. MORTALITY</u>									
<u>AGE AT DEATH</u>									
AGE-ADJUSTED RATES, 2001-2005									
All ages	2.7	3.9	1.7	3.0	4.4	2.0	0.4	0.5	0.4
Under 65	1.3	1.7	0.9	1.5	2.0	1.1	0.2	0.2	0.1
65 and over	12.1	19.0	7.5	13.4	21.0	8.2	2.3	2.4	2.3
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, 2001-2005									
<1	-	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	0.0	0.0	0.0	0.1	0.1	0.0	-	-	-
20-24	0.2	0.2	0.1	0.2	0.2	0.2	-	-	-
25-29	0.4	0.4	0.3	0.5	0.5	0.4	-	-	-
30-34	0.6	0.7	0.5	0.7	0.9	0.6	-	-	-
35-39	0.9	1.1	0.8	1.1	1.3	1.0	-	-	-
40-44	1.6	2.0	1.2	1.9	2.4	1.5	0.2	0.3	-
45-49	2.4	3.0	1.8	2.8	3.6	2.1	0.2	0.3	-
50-54	3.4	4.5	2.4	4.0	5.3	2.8	0.3	-	0.4
55-59	4.7	6.5	3.0	5.4	7.4	3.4	0.6	0.9	0.4
60-64	6.1	8.6	3.8	7.0	9.8	4.4	0.8	0.8	0.8
65-69	7.8	11.4	4.7	8.9	13.0	5.3	1.5	1.6	1.4
70-74	10.5	15.7	6.3	11.8	17.5	7.0	1.7	1.5	1.8
75-79	13.5	21.4	7.9	14.9	23.5	8.8	2.3	2.7	2.0
80-84	15.6	25.0	9.8	16.9	27.3	10.6	3.5	3.7	3.3
85+	18.2	31.4	12.5	19.7	34.3	13.3	4.3	4.1	4.4

^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 US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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	82.4	77.9	86.8	82.4	78.0	86.7	59.7 ^f	47.7 ^g	68.1 ^g
1978-1980 ^b	83.2	78.2	88.1	83.3	78.3	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	86.9	82.7	91.3	86.6	82.3	91.1	69.7 ^g	-	71.7 ^g
1987-1989 ^b	88.5	85.4	91.7	88.3	85.3	91.4	79.9 ^f	61.7 ^g	90.4 ^f
1990-1992 ^b	89.6	87.3	92.1	89.6	87.3	92.1	60.3 ^f	53.3 ^g	68.0 ^g
1993-1995 ^b	89.8	87.2	92.8	89.7	87.0	92.8	66.8 ^f	65.4 ^g	66.9 ^g
1996-2004 ^b	92.2 ^e	90.4 ^e	94.2 ^e	92.1 ^e	90.2 ^e	94.2 ^e	77.9	74.6 ^f	79.7 ^f
5-YR PERIOD SURVIVAL RATES^{cd}									
YEAR OF DIAGNOSIS:									
1996-2004	91.4	89.2	94.0	91.2	88.9	93.9	77.4	73.3	78.4
STAGE DISTRIBUTION (%) 1996-2004^c									
All Stages									
Number of cases	73,856	40,764	33,092	69,733	38,657	31,076	368	168	200
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	81	79	83	81	78	83	58	53	63
Regional	12	13	10	12	13	10	24	24	24
Distant	4	4	2	4	4	2	12	17	8
Unstaged	4	4	4	4	4	4	6	7	6
5-YR RELATIVE SURVIVAL RATES, 1996-2004^c									
AGE AT DIAGNOSIS:									
<45	93.6	90.1	96.2	93.4	89.8	96.1	73.4	69.5 ^f	75.3 ^f
45-54	91.5	89.1	94.5	91.2	88.7	94.3	85.7 ^f	92.3 ^f	78.9 ^g
55-64	91.0	89.5	93.6	90.7	89.1	93.4	83.8 ^f	73.6 ^f	91.0 ^f
65-74	90.5	89.8	91.7	90.3	89.6	91.5	75.0 ^f	62.5 ^g	82.4 ^f
75+	84.5	83.8	85.0	84.2	83.5	84.7	55.8 ^g	45.1 ^g	64.8 ^g
Under 65	92.3	89.6	95.1	92.0	89.2	95.0	80.0	77.2 ^f	81.3
65 and over	88.3	87.8	89.0	88.1	87.6	88.8	68.1 ^f	56.4 ^g	75.0 ^f
STAGE:									
All Stages	91.2	89.1	93.7	90.9	88.8	93.5	76.7	71.2	81.0
Localized	98.7	98.3	99.2	98.5	98.1	99.1	95.2	93.8 ^f	96.1
Regional	65.1	61.8	70.2	65.3	61.8	70.6	46.8 ^f	54.5 ^g	34.9 ^g
Distant	15.5	15.1	16.4	15.0	14.9	15.2	23.8 ^f	13.1 ^f	-
Unstaged	77.4	74.8	80.5	76.3	73.8	79.3	61.6 ^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 2005.

^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 2000-2004. The remaining 13 SEER Areas contribute cases for the entire period 1996-2004. Rates are based on follow-up of patients into 2005.

^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 (2002-2004: 0-1 year survival), (2001-2003: 1-2 year survival), (2000-2002: 2-3 year survival), (1999-2001: 3-4 year survival), (1998-2000: 4-5 years survival).

^e The difference in rates between 1975-1977 and 1996-2004 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	2004
Relative Survival Rates (SEER ^b)																						
1-year	94.5	96.0	95.9	96.9	96.4	97.1	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	98.0	97.7
2-year	90.0	92.0	92.9	93.4	93.2	93.5	93.6	93.8	94.3	93.9	94.6	94.0	94.4	95.6	94.5	94.6	95.7	96.1	95.6	95.5	96.4	
3-year	86.4	88.4	89.8	91.2	90.8	91.4	91.1	92.0	92.2	91.9	92.7	91.8	92.7	93.9	92.5	92.8	94.1	94.6	94.2	94.3		
4-year	83.8	85.9	87.9	89.9	89.2	90.3	89.4	90.2	91.0	90.0	91.0	90.0	91.3	93.1	91.6	91.6	93.3	93.2	93.0			
5-year	82.5	84.1	86.3	88.4	87.8	89.5	88.1	89.6	90.0	89.0	90.3	89.0	90.2	92.3	90.4	91.2	92.7	92.3				
6-year	80.9	83.0	85.3	87.3	87.0	88.0	87.4	88.8	88.8	88.4	89.7	88.1	90.1	91.5	89.8	90.7	92.0					
7-year	79.8	82.4	84.4	87.0	86.3	87.6	86.2	88.3	88.0	88.1	88.7	87.6	90.1	91.2	89.5	90.7						
8-year	78.9	81.7	84.2	86.2	85.7	87.0	85.7	87.5	87.3	87.6	88.3	86.8	90.1	90.9	88.7							
9-year	78.2	81.1	83.8	86.2	85.3	86.6	85.5	87.3	87.1	87.3	88.1	86.6	89.8	90.4								
11-year	77.7	80.7	83.8	86.2	85.1	86.1	85.2	87.2	87.1	87.0	87.7	86.6	89.7									
11-year	77.2	80.5	83.8	86.2	83.9	85.6	84.9	86.9	86.8	86.7	87.5	86.6										
12-year	76.7	80.4	83.8	86.2	83.6	85.3	84.4	86.8	86.5	86.6	87.5											
13-year	76.5	80.2	83.8	86.2	83.6	85.2	84.1	86.8	86.4	86.5												
14-year	76.3	80.1	83.8	85.6	83.6	84.9	83.9	86.7	85.9													
15-year	76.1	80.0	83.8	85.6	83.6	84.8	83.8	86.3														
16-year	75.9	79.9	83.8	85.4	83.6	84.6	83.7															
17-year	75.9	79.6	83.3	85.4	83.6	84.6																
18-year	75.8	79.6	83.2	85.4	83.6																	
19-year	75.8	79.6	83.2	85.4																		
20-year	75.8	79.6	83.2																			

^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	2004
Relative Survival Rates (SEER ^b)																						
1-year	92.7	94.5	94.9	95.9	95.5	95.9	94.9	95.9	96.2	96.0	96.3	97.1	96.5	96.6	96.4	96.4	97.2	97.6	96.6	97.0	97.3	97.7
2-year	86.8	89.1	90.8	91.3	91.0	92.0	92.3	92.0	93.3	93.0	93.7	92.6	92.2	94.2	93.6	93.9	94.4	95.5	94.0	94.2	95.1	
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	92.1	91.0	92.0	92.5	93.7	91.8	92.6		
4-year	79.3	81.8	84.5	86.8	86.1	88.1	86.7	87.7	89.6	87.9	89.4	87.7	88.1	91.1	90.1	90.4	91.3	92.1	90.3			
5-year	78.0	79.1	82.7	84.9	83.9	87.3	84.9	86.7	88.6	86.5	88.6	86.7	86.6	90.2	88.5	90.1	90.5	91.5				
6-year	76.1	78.0	81.6	83.1	83.1	85.5	84.0	85.5	87.2	85.5	87.5	85.9	86.4	89.4	87.6	89.7	89.2					
7-year	74.5	77.5	80.8	82.5	82.1	84.7	82.6	85.2	86.1	85.2	85.5	85.1	86.4	89.1	87.6	89.7						
8-year	73.4	76.9	80.6	81.8	81.3	84.3	81.7	84.5	85.1	84.9	85.2	83.5	86.2	88.6	86.9							
9-year	72.7	76.0	80.2	81.8	81.3	83.3	81.3	84.4	84.4	84.0	84.8	83.2	85.9	88.1								
10-year	72.1	75.7	80.2	81.8	80.6	82.7	81.2	84.2	84.4	83.9	84.0	83.2	85.9									
11-year	71.2	75.5	80.2	81.8	79.5	82.7	81.0	83.8	84.4	83.6	83.5	83.2										
12-year	70.7	75.4	80.2	81.8	79.2	82.7	80.6	83.8	84.4	83.4	83.3											
13-year	70.3	75.2	80.2	81.6	79.2	82.3	80.4	83.8	84.4	83.2												
14-year	70.3	74.9	79.8	79.9	79.2	81.9	80.4	83.0	84.4													
15-year	70.1	74.9	79.8	79.9	79.2	80.7	80.4	82.4														
16-year	69.8	74.9	79.8	79.7	79.2	80.2	80.4															
17-year	69.7	74.8	78.3	79.7	79.2	80.2																
18-year	69.7	74.8	78.1	79.4	79.2																	
19-year	69.7	74.8	78.1	79.3																		
20-year	69.7	74.8	78.1																			

^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	2004
Relative Survival Rates (SEER ^b)																						
1-year	96.3	97.5	97.1	98.1	97.4	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	99.1	98.9	97.8
2-year	93.2	95.0	95.3	95.6	95.6	95.2	95.1	95.9	95.5	95.0	95.7	95.8	97.0	97.4	95.5	95.5	97.0	96.9	97.6	97.1	97.8	
3-year	90.1	92.2	93.0	94.1	93.5	93.6	93.4	94.3	93.6	93.4	94.6	94.3	95.9	96.1	94.2	93.8	96.0	95.7	97.2	96.4		
4-year	88.2	90.1	91.6	93.1	92.4	92.5	92.4	93.0	92.5	92.3	92.7	92.9	95.0	95.4	93.2	92.9	95.6	94.5	96.2			
5-year	86.8	89.0	90.2	92.2	91.9	91.7	91.6	92.9	91.6	91.8	92.3	91.8	94.2	94.7	92.5	92.3	95.1	93.4				
6-year	85.5	87.9	89.2	91.8	90.8	90.5	91.0	92.4	90.6	91.7	92.1	90.7	94.2	93.9	92.3	91.8	95.0					
7-year	84.7	87.1	88.1	91.7	90.5	90.2	90.2	91.6	90.2	91.3	92.1	90.6	94.1	93.5	91.5	91.6						
8-year	84.0	86.5	87.8	90.8	89.6	89.5	90.0	90.8	89.7	90.5	91.9	90.6	94.1	93.5	90.8							
9-year	83.4	86.1	87.5	90.8	89.1	89.5	90.0	90.4	89.6	90.5	91.7	90.5	93.8	93.1								
11-year	82.9	85.5	87.5	90.8	89.1	89.4	89.3	90.2	89.6	90.2	91.6	90.4	93.8									
10-year	82.7	85.3	87.5	90.4	88.3	88.4	88.8	89.8	88.8	90.0	91.6	90.4										
12-year	82.2	85.1	87.5	90.4	87.8	87.6	88.4	89.7	88.1	90.0	91.6											
13-year	82.1	84.8	87.5	90.4	87.5	87.6	87.5	89.7	87.8	89.6												
14-year	81.6	84.8	87.5	90.4	87.5	87.6	87.3	89.7	86.4													
15-year	81.4	84.4	87.5	90.4	87.5	87.6	87.1	89.7														
16-year	81.2	84.2	87.5	90.4	87.5	87.6	86.8															
17-year	81.2	84.0	87.5	90.4	87.5	87.6																
18-year	81.1	83.9	87.5	90.4	87.5																	
19-year	81.1	83.9	87.5	90.4																		
20-year	81.0	83.9	87.5																			

^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-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, 2003-2005 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 (0.07, 0.07)	1.81 (1.79, 1.83)	0.28 (0.28, 0.29)
	10	0.01 (0.01, 0.01)	0.07 (0.06, 0.07)	0.17 (0.17, 0.18)	1.83 (1.81, 1.85)	0.29 (0.28, 0.29)
	20	0.06 (0.05, 0.06)	0.16 (0.16, 0.17)	0.35 (0.35, 0.36)	1.83 (1.81, 1.85)	0.29 (0.29, 0.29)
	30	0.11 (0.11, 0.11)	0.30 (0.30, 0.31)	0.59 (0.59, 0.60)	1.79 (1.77, 1.81)	0.29 (0.29, 0.29)
	40	0.20 (0.19, 0.20)	0.49 (0.48, 0.50)	0.90 (0.88, 0.91)	1.71 (1.69, 1.72)	0.29 (0.28, 0.29)
	50	0.30 (0.30, 0.31)	0.72 (0.71, 0.73)	1.19 (1.17, 1.20)	1.56 (1.54, 1.57)	0.27 (0.27, 0.28)
	60	0.44 (0.44, 0.45)	0.94 (0.93, 0.96)	1.26 (1.24, 1.28)	1.33 (1.32, 1.35)	0.25 (0.25, 0.25)
	70	0.57 (0.56, 0.59)	0.94 (0.92, 0.96)	- (- , -)	1.03 (1.01, 1.05)	0.21 (0.21, 0.22)
80	0.52 (0.51, 0.53)	- (- , -)	- (- , -)	0.64 (0.63, 0.66)	0.16 (0.15, 0.16)	
White	0	0.00 (0.00, 0.00)	0.02 (0.01, 0.02)	0.08 (0.08, 0.09)	2.11 (2.09, 2.14)	0.32 (0.32, 0.33)
	10	0.01 (0.01, 0.02)	0.08 (0.08, 0.08)	0.21 (0.21, 0.22)	2.13 (2.11, 2.16)	0.33 (0.32, 0.33)
	20	0.07 (0.06, 0.07)	0.20 (0.19, 0.20)	0.43 (0.42, 0.43)	2.13 (2.11, 2.15)	0.33 (0.33, 0.33)
	30	0.13 (0.13, 0.14)	0.36 (0.36, 0.37)	0.71 (0.70, 0.72)	2.08 (2.06, 2.10)	0.33 (0.32, 0.33)
	40	0.23 (0.23, 0.24)	0.58 (0.57, 0.59)	1.06 (1.04, 1.07)	1.98 (1.95, 2.00)	0.32 (0.32, 0.33)
	50	0.36 (0.35, 0.37)	0.85 (0.84, 0.86)	1.39 (1.37, 1.41)	1.79 (1.77, 1.81)	0.31 (0.30, 0.31)
	60	0.52 (0.51, 0.53)	1.09 (1.08, 1.11)	1.44 (1.42, 1.47)	1.52 (1.50, 1.55)	0.28 (0.28, 0.28)
	70	0.66 (0.65, 0.68)	1.07 (1.05, 1.09)	- (- , -)	1.16 (1.14, 1.18)	0.24 (0.23, 0.24)
80	0.58 (0.56, 0.59)	- (- , -)	- (- , -)	0.71 (0.69, 0.73)	0.17 (0.16, 0.17)	
Black	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.08 (0.07, 0.10)	0.04 (0.04, 0.05)
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.01 (0.01, 0.01)	0.09 (0.07, 0.10)	0.04 (0.04, 0.05)
	20	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.01 (0.01, 0.02)	0.09 (0.07, 0.10)	0.04 (0.04, 0.05)
	30	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.02 (0.02, 0.02)	0.08 (0.07, 0.10)	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)	0.08 (0.07, 0.10)	0.04 (0.04, 0.05)
	50	0.01 (0.01, 0.01)	0.03 (0.02, 0.03)	0.05 (0.04, 0.07)	0.08 (0.06, 0.10)	0.04 (0.04, 0.05)
	60	0.02 (0.01, 0.03)	0.05 (0.04, 0.06)	0.07 (0.06, 0.09)	0.08 (0.06, 0.10)	0.04 (0.04, 0.05)
	70	0.04 (0.03, 0.05)	0.06 (0.05, 0.08)	- (- , -)	0.07 (0.06, 0.09)	0.04 (0.03, 0.05)
80	0.04 (0.03, 0.06)	- (- , -)	- (- , -)	0.05 (0.04, 0.08)	0.04 (0.03, 0.05)	

Devcan Version 7.0.0, April 2008, 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, 2003-2005 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)	0.17 (0.14, 0.20)	0.06 (0.04, 0.09)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.17 (0.14, 0.20)	0.06 (0.05, 0.09)	
	20	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.03 (0.02, 0.03)	0.17 (0.14, 0.20)	0.06 (0.05, 0.09)	
	30	0.01 (0.01, 0.01)	0.02 (0.02, 0.03)	0.04 (0.03, 0.05)	0.16 (0.14, 0.20)	0.06 (0.04, 0.09)	
	40	0.02 (0.01, 0.02)	0.03 (0.03, 0.04)	0.07 (0.06, 0.08)	0.16 (0.13, 0.19)	0.06 (0.04, 0.09)	
	50	0.02 (0.01, 0.02)	0.05 (0.04, 0.06)	0.10 (0.08, 0.11)	0.14 (0.12, 0.18)	0.06 (0.04, 0.09)	
	60	0.03 (0.03, 0.04)	0.08 (0.07, 0.10)	0.11 (0.10, 0.14)	0.13 (0.10, 0.16)	0.06 (0.04, 0.09)	
	70	0.05 (0.04, 0.06)	0.09 (0.07, 0.11)	- (- , -)	0.10 (0.08, 0.14)	0.05 (0.03, 0.08)	
	80	0.05 (0.03, 0.07)	- (- , -)	- (- , -)	0.06 (0.04, 0.11)	0.05 (0.03, 0.09)	
American Indian/ Alaska Native ^a	0	0.00 (0.00, 0.03)	0.00 (0.00, 0.03)	0.01 (0.00, 0.04)	0.28 (0.18, 0.58)	0.09 (0.06, 0.18)	
	10	0.00 (0.00, 0.01)	0.01 (0.00, 0.02)	0.03 (0.01, 0.06)	0.29 (0.18, 0.58)	0.10 (0.06, 0.18)	
	20	0.01 (0.00, 0.02)	0.03 (0.01, 0.06)	0.05 (0.03, 0.09)	0.29 (0.19, 0.59)	0.10 (0.06, 0.18)	
	30	0.02 (0.01, 0.05)	0.05 (0.03, 0.08)	0.08 (0.05, 0.13)	0.28 (0.18, 0.59)	0.10 (0.06, 0.19)	
	40	0.02 (0.01, 0.05)	0.06 (0.03, 0.11)	0.09 (0.06, 0.16)	0.27 (0.17, 0.58)	0.10 (0.06, 0.19)	
	50	0.04 (0.02, 0.08)	0.07 (0.04, 0.13)	0.16 (0.09, 0.26)	0.25 (0.15, 0.58)	0.09 (0.06, 0.19)	
	60	0.04 (0.01, 0.09)	0.13 (0.06, 0.24)	0.23 (0.12, 0.40)	0.23 (0.12, 0.59)	0.08 (0.05, 0.19)	
	70	0.11 (0.05, 0.22)	0.23 (0.11, 0.42)	- (- , -)	0.23 (0.11, 0.64)	0.06 (0.03, 0.18)	
	80	0.16 (0.06, 0.39)	- (- , -)	- (- , -)	0.17 (0.06, 0.73)	0.05 (0.01, 0.23)	
Hispanic ^b	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.01, 0.02)	0.54 (0.50, 0.60)	0.09 (0.08, 0.11)	
	10	0.00 (0.00, 0.00)	0.01 (0.01, 0.02)	0.04 (0.04, 0.04)	0.55 (0.50, 0.60)	0.09 (0.08, 0.11)	
	20	0.01 (0.01, 0.01)	0.04 (0.03, 0.04)	0.08 (0.08, 0.09)	0.55 (0.50, 0.60)	0.09 (0.08, 0.11)	
	30	0.03 (0.02, 0.03)	0.07 (0.07, 0.08)	0.14 (0.13, 0.15)	0.54 (0.50, 0.60)	0.09 (0.08, 0.11)	
	40	0.05 (0.04, 0.05)	0.11 (0.10, 0.12)	0.21 (0.19, 0.23)	0.52 (0.47, 0.57)	0.09 (0.08, 0.11)	
	50	0.06 (0.06, 0.07)	0.16 (0.15, 0.18)	0.30 (0.28, 0.33)	0.48 (0.44, 0.54)	0.09 (0.08, 0.10)	
	60	0.11 (0.09, 0.12)	0.25 (0.23, 0.28)	0.37 (0.33, 0.40)	0.44 (0.39, 0.50)	0.08 (0.07, 0.10)	
	70	0.16 (0.14, 0.18)	0.29 (0.26, 0.33)	- (- , -)	0.37 (0.32, 0.44)	0.07 (0.06, 0.09)	
	80	0.17 (0.14, 0.21)	- (- , -)	- (- , -)	0.28 (0.22, 0.35)	0.06 (0.04, 0.08)	

Devcan Version 7.0.0, April 2008, 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, 2003-2005 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)	2.20 (2.17, 2.23)	0.38 (0.37, 0.39)	
	10	0.01 (0.01, 0.01)	0.04 (0.04, 0.05)	0.13 (0.12, 0.13)	2.23 (2.20, 2.26)	0.39 (0.38, 0.39)	
	20	0.04 (0.03, 0.04)	0.12 (0.12, 0.13)	0.30 (0.30, 0.31)	2.24 (2.20, 2.27)	0.39 (0.38, 0.39)	
	30	0.09 (0.08, 0.09)	0.27 (0.26, 0.28)	0.62 (0.61, 0.63)	2.23 (2.20, 2.26)	0.39 (0.38, 0.40)	
	40	0.19 (0.18, 0.20)	0.54 (0.53, 0.55)	1.08 (1.06, 1.10)	2.18 (2.15, 2.21)	0.39 (0.38, 0.39)	
	50	0.37 (0.36, 0.38)	0.92 (0.91, 0.94)	1.57 (1.55, 1.60)	2.07 (2.04, 2.10)	0.38 (0.37, 0.38)	
	60	0.60 (0.59, 0.62)	1.31 (1.28, 1.33)	1.75 (1.72, 1.78)	1.84 (1.81, 1.88)	0.35 (0.34, 0.36)	
	70	0.84 (0.82, 0.86)	1.37 (1.34, 1.40)	- (- , -)	1.48 (1.45, 1.52)	0.31 (0.30, 0.32)	
80	0.81 (0.78, 0.84)	- (- , -)	- (- , -)	0.99 (0.95, 1.02)	0.24 (0.23, 0.25)		
White	0	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.06 (0.05, 0.06)	2.56 (2.52, 2.60)	0.43 (0.43, 0.44)	
	10	0.01 (0.01, 0.01)	0.05 (0.05, 0.06)	0.16 (0.15, 0.16)	2.59 (2.55, 2.62)	0.44 (0.43, 0.45)	
	20	0.04 (0.04, 0.05)	0.14 (0.14, 0.15)	0.36 (0.35, 0.37)	2.59 (2.55, 2.63)	0.44 (0.43, 0.45)	
	30	0.10 (0.10, 0.11)	0.32 (0.31, 0.33)	0.73 (0.72, 0.74)	2.58 (2.54, 2.62)	0.44 (0.44, 0.45)	
	40	0.22 (0.22, 0.23)	0.64 (0.62, 0.65)	1.26 (1.24, 1.29)	2.52 (2.48, 2.56)	0.44 (0.43, 0.45)	
	50	0.43 (0.42, 0.44)	1.08 (1.06, 1.10)	1.83 (1.80, 1.86)	2.38 (2.34, 2.42)	0.43 (0.42, 0.43)	
	60	0.70 (0.68, 0.72)	1.51 (1.48, 1.54)	2.00 (1.97, 2.04)	2.11 (2.07, 2.15)	0.39 (0.38, 0.40)	
	70	0.97 (0.94, 0.99)	1.55 (1.52, 1.59)	- (- , -)	1.67 (1.64, 1.71)	0.34 (0.33, 0.35)	
80	0.91 (0.87, 0.94)	- (- , -)	- (- , -)	1.09 (1.05, 1.13)	0.26 (0.25, 0.27)		
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, 0.05)	
	10	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.08 (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	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.02 (0.02, 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)	0.06 (0.04, 0.08)	0.07 (0.05, 0.10)	0.04 (0.03, 0.05)	
	60	0.02 (0.01, 0.03)	0.05 (0.04, 0.08)	0.07 (0.05, 0.09)	0.07 (0.05, 0.10)	0.04 (0.03, 0.05)	
	70	0.04 (0.03, 0.07)	0.06 (0.04, 0.09)	- (- , -)	0.07 (0.04, 0.11)	0.04 (0.03, 0.05)	
80	0.03 (0.02, 0.07)	- (- , -)	- (- , -)	0.04 (0.02, 0.10)	0.04 (0.03, 0.06)		

Devcan Version 7.0.0, April 2008, 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, 2003-2005 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)	0.17 (0.14, 0.23)	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)	0.17 (0.14, 0.23)	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)	0.17 (0.14, 0.23)	0.06 (0.04, 0.11)	
	30	0.00 (0.00, 0.01)	0.02 (0.01, 0.03)	0.04 (0.03, 0.05)	0.17 (0.13, 0.23)	0.06 (0.04, 0.11)	
	40	0.01 (0.01, 0.02)	0.04 (0.03, 0.05)	0.07 (0.05, 0.09)	0.17 (0.13, 0.23)	0.06 (0.04, 0.11)	
	50	0.02 (0.02, 0.03)	0.05 (0.04, 0.07)	0.10 (0.08, 0.13)	0.15 (0.12, 0.21)	0.06 (0.04, 0.11)	
	60	0.03 (0.02, 0.05)	0.08 (0.06, 0.11)	0.12 (0.09, 0.15)	0.14 (0.10, 0.20)	0.06 (0.04, 0.11)	
	70	0.05 (0.04, 0.08)	0.09 (0.06, 0.13)	- (- , -)	0.11 (0.08, 0.18)	0.06 (0.04, 0.11)	
	80	0.05 (0.03, 0.08)	- (- , -)	- (- , -)	0.08 (0.04, 0.16)	0.06 (0.03, 0.12)	
American Indian/ Alaska Native ^a	0	0.00 (0.00, 0.05)	0.00 (0.00, 0.05)	0.00 (0.00, 0.05)	0.34 (0.18, 1.00)	0.10 (0.06, 0.29)	
	10	0.00 (0.00, 0.02)	0.00 (0.00, 0.02)	0.02 (0.01, 0.07)	0.35 (0.18, 1.02)	0.11 (0.06, 0.30)	
	20	0.00 (0.00, 0.02)	0.02 (0.01, 0.07)	0.05 (0.02, 0.10)	0.35 (0.18, 1.03)	0.11 (0.06, 0.30)	
	30	0.02 (0.00, 0.06)	0.05 (0.02, 0.10)	0.09 (0.05, 0.17)	0.35 (0.19, 1.05)	0.11 (0.06, 0.31)	
	40	0.03 (0.01, 0.07)	0.07 (0.03, 0.15)	0.10 (0.04, 0.20)	0.35 (0.17, 1.07)	0.11 (0.06, 0.32)	
	50	0.05 (0.02, 0.12)	0.07 (0.03, 0.18)	0.20 (0.09, 0.39)	0.34 (0.16, 1.10)	0.10 (0.05, 0.32)	
	60	0.03 (0.00, 0.12)	0.16 (0.06, 0.37)	0.31 (0.13, 0.66)	0.32 (0.13, 1.16)	0.08 (0.04, 0.33)	
	70	0.16 (0.05, 0.39)	0.34 (0.13, 0.75)	- (- , -)	0.34 (0.13, 1.36)	0.05 (0.01, 0.37)	
	80	0.26 (0.06, 0.78)	- (- , -)	- (- , -)	0.27 (0.06, 1.78)	0.05 (0.01, 0.55)	
Hispanic ^b	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.01 (0.01, 0.01)	0.52 (0.45, 0.60)	0.11 (0.09, 0.14)	
	10	0.00 (0.00, 0.00)	0.01 (0.01, 0.01)	0.02 (0.02, 0.03)	0.52 (0.46, 0.61)	0.11 (0.09, 0.14)	
	20	0.01 (0.00, 0.01)	0.02 (0.02, 0.02)	0.05 (0.04, 0.06)	0.52 (0.46, 0.61)	0.11 (0.09, 0.14)	
	30	0.01 (0.01, 0.02)	0.04 (0.04, 0.05)	0.10 (0.08, 0.11)	0.52 (0.46, 0.61)	0.11 (0.09, 0.14)	
	40	0.03 (0.03, 0.04)	0.08 (0.07, 0.10)	0.18 (0.16, 0.21)	0.52 (0.45, 0.61)	0.11 (0.09, 0.14)	
	50	0.05 (0.05, 0.07)	0.16 (0.13, 0.18)	0.32 (0.28, 0.36)	0.50 (0.43, 0.59)	0.11 (0.09, 0.14)	
	60	0.11 (0.09, 0.13)	0.28 (0.24, 0.32)	0.41 (0.36, 0.47)	0.48 (0.40, 0.57)	0.10 (0.08, 0.13)	
	70	0.20 (0.16, 0.23)	0.34 (0.29, 0.41)	- (- , -)	0.42 (0.34, 0.53)	0.09 (0.07, 0.12)	
	80	0.21 (0.16, 0.27)	- (- , -)	- (- , -)	0.31 (0.22, 0.46)	0.07 (0.05, 0.12)	

Devcan Version 7.0.0, April 2008, 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.

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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, 2003-2005 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 (0.09, 0.10)	1.47 (1.45, 1.50)	0.20 (0.20, 0.21)	
	10	0.02 (0.01, 0.02)	0.09 (0.09, 0.10)	0.22 (0.22, 0.23)	1.49 (1.47, 1.51)	0.20 (0.20, 0.21)	
	20	0.08 (0.07, 0.08)	0.21 (0.20, 0.21)	0.41 (0.40, 0.42)	1.48 (1.45, 1.50)	0.20 (0.20, 0.21)	
	30	0.13 (0.13, 0.14)	0.33 (0.32, 0.34)	0.57 (0.56, 0.58)	1.41 (1.39, 1.43)	0.20 (0.20, 0.21)	
	40	0.20 (0.20, 0.21)	0.44 (0.43, 0.45)	0.72 (0.71, 0.74)	1.29 (1.27, 1.31)	0.20 (0.19, 0.20)	
	50	0.24 (0.24, 0.25)	0.53 (0.52, 0.54)	0.84 (0.82, 0.86)	1.11 (1.09, 1.13)	0.19 (0.18, 0.19)	
	60	0.30 (0.29, 0.31)	0.63 (0.61, 0.64)	0.85 (0.83, 0.87)	0.91 (0.89, 0.93)	0.17 (0.17, 0.17)	
	70	0.36 (0.35, 0.38)	0.61 (0.59, 0.63)	- (- , -)	0.68 (0.66, 0.70)	0.14 (0.14, 0.15)	
White	0	0.00 (0.00, 0.00)	0.02 (0.02, 0.02)	0.11 (0.11, 0.12)	1.73 (1.70, 1.75)	0.23 (0.22, 0.23)	
	10	0.02 (0.02, 0.02)	0.11 (0.11, 0.12)	0.27 (0.26, 0.28)	1.74 (1.72, 1.77)	0.23 (0.23, 0.24)	
	20	0.09 (0.09, 0.10)	0.25 (0.25, 0.26)	0.49 (0.48, 0.51)	1.73 (1.70, 1.76)	0.23 (0.23, 0.24)	
	30	0.16 (0.16, 0.17)	0.40 (0.39, 0.41)	0.69 (0.67, 0.70)	1.64 (1.62, 1.67)	0.23 (0.22, 0.23)	
	40	0.24 (0.24, 0.25)	0.53 (0.52, 0.54)	0.86 (0.84, 0.88)	1.50 (1.47, 1.52)	0.22 (0.22, 0.23)	
	50	0.29 (0.28, 0.30)	0.63 (0.61, 0.64)	0.98 (0.96, 1.01)	1.28 (1.25, 1.31)	0.21 (0.20, 0.21)	
	60	0.35 (0.34, 0.37)	0.73 (0.71, 0.75)	0.97 (0.95, 0.99)	1.04 (1.01, 1.06)	0.19 (0.18, 0.19)	
	70	0.42 (0.40, 0.43)	0.69 (0.67, 0.71)	- (- , -)	0.76 (0.74, 0.79)	0.16 (0.15, 0.16)	
Black	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.09 (0.07, 0.12)	0.04 (0.04, 0.05)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.09 (0.08, 0.12)	0.05 (0.04, 0.05)	
	20	0.00 (0.00, 0.01)	0.01 (0.01, 0.02)	0.02 (0.01, 0.02)	0.09 (0.07, 0.12)	0.05 (0.04, 0.05)	
	30	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.02 (0.01, 0.03)	0.09 (0.07, 0.11)	0.05 (0.04, 0.05)	
	40	0.01 (0.00, 0.01)	0.01 (0.01, 0.02)	0.03 (0.02, 0.04)	0.09 (0.07, 0.11)	0.05 (0.04, 0.05)	
	50	0.01 (0.00, 0.01)	0.02 (0.01, 0.03)	0.05 (0.04, 0.07)	0.08 (0.06, 0.11)	0.05 (0.04, 0.05)	
	60	0.02 (0.01, 0.03)	0.05 (0.03, 0.07)	0.07 (0.05, 0.09)	0.08 (0.06, 0.11)	0.05 (0.04, 0.05)	
	70	0.04 (0.02, 0.05)	0.06 (0.05, 0.09)	- (- , -)	0.08 (0.06, 0.11)	0.04 (0.04, 0.05)	
80	0.04 (0.02, 0.06)	- (- , -)	- (- , -)	0.06 (0.04, 0.10)	0.04 (0.03, 0.05)		

Devcan Version 7.0.0, April 2008, 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.

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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, 2003-2005 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)	0.16 (0.13, 0.22)	0.06 (0.04, 0.11)	
	10	0.00 (0.00, 0.00)	0.01 (0.00, 0.01)	0.02 (0.01, 0.03)	0.16 (0.13, 0.22)	0.06 (0.04, 0.11)	
	20	0.01 (0.00, 0.01)	0.02 (0.01, 0.02)	0.03 (0.03, 0.04)	0.16 (0.13, 0.22)	0.06 (0.04, 0.11)	
	30	0.01 (0.01, 0.02)	0.03 (0.02, 0.04)	0.04 (0.03, 0.05)	0.16 (0.13, 0.21)	0.06 (0.04, 0.11)	
	40	0.02 (0.01, 0.02)	0.03 (0.02, 0.04)	0.06 (0.05, 0.08)	0.15 (0.12, 0.20)	0.06 (0.03, 0.11)	
	50	0.02 (0.01, 0.02)	0.05 (0.04, 0.06)	0.09 (0.07, 0.11)	0.13 (0.10, 0.19)	0.06 (0.03, 0.11)	
	60	0.03 (0.02, 0.05)	0.08 (0.06, 0.10)	0.11 (0.09, 0.15)	0.12 (0.09, 0.18)	0.05 (0.03, 0.11)	
	70	0.05 (0.03, 0.06)	0.09 (0.06, 0.12)	- (- , -)	0.09 (0.06, 0.15)	0.05 (0.02, 0.10)	
	80	0.05 (0.03, 0.07)	- (- , -)	- (- , -)	0.05 (0.03, 0.12)	0.05 (0.02, 0.12)	
American Indian/ Alaska Native ^a	0	0.01 (0.00, 0.05)	0.01 (0.00, 0.05)	0.02 (0.00, 0.07)	0.24 (0.12, 0.75)	0.08 (0.04, 0.23)	
	10	0.00 (0.00, 0.02)	0.01 (0.00, 0.05)	0.04 (0.01, 0.08)	0.24 (0.12, 0.75)	0.09 (0.04, 0.23)	
	20	0.01 (0.00, 0.04)	0.04 (0.01, 0.08)	0.06 (0.03, 0.11)	0.24 (0.12, 0.76)	0.09 (0.04, 0.23)	
	30	0.02 (0.01, 0.06)	0.05 (0.02, 0.10)	0.08 (0.04, 0.15)	0.23 (0.11, 0.75)	0.09 (0.04, 0.24)	
	40	0.02 (0.01, 0.06)	0.05 (0.02, 0.12)	0.09 (0.04, 0.19)	0.21 (0.09, 0.74)	0.08 (0.04, 0.24)	
	50	0.03 (0.01, 0.09)	0.07 (0.02, 0.17)	0.13 (0.05, 0.27)	0.19 (0.08, 0.75)	0.09 (0.04, 0.25)	
	60	0.04 (0.01, 0.14)	0.10 (0.03, 0.25)	0.17 (0.06, 0.39)	0.17 (0.06, 0.76)	0.08 (0.03, 0.25)	
	70	0.07 (0.01, 0.21)	0.14 (0.04, 0.39)	- (- , -)	0.14 (0.04, 0.82)	0.07 (0.02, 0.27)	
	80	0.10 (0.01, 0.39)	- (- , -)	- (- , -)	0.10 (0.01, 1.01)	0.05 (0.01, 0.33)	
Hispanic ^b	0	0.00 (0.00, 0.00)	0.00 (0.00, 0.01)	0.02 (0.02, 0.03)	0.58 (0.52, 0.66)	0.07 (0.06, 0.10)	
	10	0.00 (0.00, 0.00)	0.02 (0.02, 0.03)	0.06 (0.05, 0.07)	0.59 (0.52, 0.66)	0.07 (0.06, 0.10)	
	20	0.02 (0.01, 0.02)	0.06 (0.05, 0.07)	0.12 (0.11, 0.14)	0.58 (0.52, 0.66)	0.07 (0.06, 0.10)	
	30	0.04 (0.04, 0.05)	0.11 (0.10, 0.12)	0.18 (0.16, 0.19)	0.57 (0.51, 0.65)	0.07 (0.06, 0.10)	
	40	0.07 (0.06, 0.08)	0.14 (0.12, 0.15)	0.24 (0.21, 0.26)	0.53 (0.47, 0.61)	0.07 (0.06, 0.09)	
	50	0.07 (0.06, 0.08)	0.17 (0.15, 0.20)	0.29 (0.26, 0.33)	0.47 (0.41, 0.55)	0.07 (0.05, 0.09)	
	60	0.10 (0.09, 0.12)	0.23 (0.20, 0.26)	0.33 (0.29, 0.38)	0.41 (0.35, 0.49)	0.06 (0.05, 0.09)	
	70	0.13 (0.11, 0.16)	0.25 (0.21, 0.30)	- (- , -)	0.34 (0.27, 0.42)	0.06 (0.04, 0.08)	
	80	0.15 (0.11, 0.19)	- (- , -)	- (- , -)	0.26 (0.19, 0.36)	0.04 (0.02, 0.07)	

Devcan Version 7.0.0, April 2008, 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

<u>SEER Incidence</u>	Rate 2001-2005 ^b			Seer 13 Areas ^c Trend 1996-2005 AAPC (%)			SEER 9 Areas ^d Trend 1996-2005 AAPC (%)		
	Rate per 100,000 persons			Total	Males	Females	Total	Males	Females
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	19.4	24.6	15.6	2.3*	2.4*	2.2*	2.8*	2.8*	2.3*
White	22.6	28.5	18.5	2.8*	2.8*	2.9*	3.1*	3.1*	3.2*
White Hispanic ^e	4.8	4.9	4.9	1.5*	1.6	1.7*	-	-	-
White Non-Hispanic ^e	26.6	33.1	21.8	3.3*	3.2*	3.4*	-	-	-
Black	1.0	1.1	0.9	-5.8*	-	-	-0.5	0.3	-1.2*
Asian/Pacific Islander	1.4	1.6	1.3	2.2*	1.4	3.1*	-	-	-
Amer Ind/Alaska Nat ^f	3.1	3.9	2.6	-	-	-	-	-	-
Hispanic ^e	4.7	4.8	4.9	1.3*	1.3	1.6*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2001-2005			Trend 1996-2005 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	2.7	3.9	1.7	-0.1	0.1	-0.5*			
White	3.0	4.4	2.0	0.0	0.2	-0.3*			
White Hispanic ^e	0.8	1.0	0.6	-1.4*	-0.8	-5.2			
White Non-Hispanic ^e	3.3	4.7	2.1	0.2	0.4*	-0.1			
Black	0.4	0.5	0.4	-1.2	-0.3	-1.9			
Asian/Pacific Islander	0.4	0.5	0.3	-0.8	-	-			
Amer Ind/Alaska Nat									
Total U.S.	0.8	1.0	0.6	-	-	-			
CHSDA Counties	1.1	1.5	0.7	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.7	0.9	0.6	-1.5*	-0.9	-4.7			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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.

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).

Incidence data used in calculating the 2001-2005 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).

The SEER 13 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia. The 1996-2005 AAPC trends are based on a Joinpoint analysis using diagnosis years 1992-2005.

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta. The 1996-2005 AAPC trends are based on a Joinpoint analysis using diagnosis years 1975-2005.

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 2001-2005 Hispanic and Non-Hispanic death rates exclude deaths from Minnesota, New Hampshire and North Dakota. The 1996-2005 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

The 1996-2005 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2005.

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, 2001-2005</u>									
<u>REGISTRY</u>									
Atlanta & Rural Georgia	22.7	31.8	16.7	33.3	44.1	26.3	1.1	1.5	0.9
Atlanta	23.0	32.2	17.0	33.7	44.5	26.7	1.2	1.6	0.9
Rural Georgia	17.0	25.3	10.5	26.5	36.4	17.9	-	-	-
California	19.1	24.9	14.9	22.0	28.5	17.2	0.9	1.0	0.9
Greater Bay Area	16.0	20.7	12.7	20.8	26.7	16.6	-	-	-
San Francisco-Oakland	15.4	20.0	12.2	20.7	26.8	16.4	-	-	-
San Jose-Monterey	17.1	21.9	13.7	21.0	26.6	17.1	-	-	-
Los Angeles	14.2	19.2	10.7	18.1	24.2	13.7	0.8	-	0.8
Greater California	22.7	29.2	17.9	24.1	30.9	18.9	1.4	1.4	1.4
Connecticut	22.9	28.4	19.2	24.8	30.4	21.1	1.3	-	-
Detroit	16.9	21.2	14.2	22.2	26.9	19.3	0.7	-	0.8
Hawaii	17.8	22.5	13.9	60.5	74.8	47.8	-	-	-
Iowa	17.8	20.2	16.4	17.2	19.4	15.9	-	-	-
Kentucky	20.6	25.0	17.7	21.0	25.7	17.9	-	-	-
Louisiana	11.7	15.9	8.7	15.5	20.5	11.8	1.1	1.3	1.0
New Jersey	19.9	25.5	16.1	23.3	29.4	19.3	1.0	1.1	1.0
New Mexico	17.9	22.6	14.3	19.8	24.6	16.1	-	-	-
Seattle-Puget Sound	24.3	28.4	21.7	27.7	31.8	25.1	-	-	-
Utah	23.9	29.5	19.5	24.8	30.6	20.3	-	-	-
9 SEER Areas ^b	19.9	24.6	16.6	24.2	29.4	20.5	0.9	1.0	0.8
11 SEER Areas ^b	18.4	23.2	15.0	22.6	28.1	18.7	0.8	0.9	0.8
13 SEER Areas ^b	18.3	23.2	15.0	22.6	28.1	18.7	0.8	0.9	0.8
17 SEER Areas ^b	19.4	24.6	15.6	22.6	28.5	18.5	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, 2001-2005</u>									
REGISTRY									
Atlanta & Rural Georgia	2.3	3.5	1.4	3.2	4.7	2.1	-	-	-
Atlanta	2.3	3.6	1.5	3.3	4.8	2.1	-	-	-
Rural Georgia	-	-	-	-	-	-	-	-	-
California	2.6	3.9	1.6	3.1	4.6	1.9	0.3	-	0.3
Greater Bay Area	2.3	3.5	1.5	3.1	4.6	2.0	-	-	-
San Francisco-Oakland	2.3	3.6	1.4	3.2	4.8	2.0	-	-	-
San Jose-Monterey	2.4	3.4	1.7	3.0	4.3	2.1	-	-	-
Los Angeles	1.8	2.8	1.1	2.3	3.6	1.4	-	-	-
Greater California	3.0	4.5	1.8	3.4	5.1	2.0	-	-	-
Connecticut	2.9	4.4	1.8	3.1	4.7	2.0	-	-	-
Detroit	1.9	3.0	1.1	2.4	3.7	1.4	-	-	-
Hawaii	1.7	2.4	1.1	4.6	6.3	3.0	-	-	-
Iowa	2.4	3.4	1.6	2.4	3.4	1.6	-	-	-
Kentucky	3.4	5.0	2.1	3.5	5.3	2.2	-	-	-
Louisiana	2.2	3.3	1.4	2.8	4.1	1.8	0.6	0.9	-
New Jersey	2.7	4.0	1.8	3.1	4.6	2.0	-	-	-
New Mexico	2.3	3.2	1.7	2.5	3.4	1.8	-	-	-
Seattle-Puget Sound	2.9	4.2	1.9	3.2	4.6	2.1	-	-	-
Utah	3.4	4.7	2.2	3.5	4.8	2.3	-	-	-
9 SEER Areas ^b	2.5	3.6	1.6	2.9	4.3	1.9	0.3	0.5	0.3
11 SEER Areas ^b	2.3	3.4	1.5	2.8	4.1	1.8	0.3	0.4	0.3
13 SEER Areas ^b	2.3	3.4	1.5	2.8	4.1	1.8	0.3	0.4	0.3
17 SEER Areas ^b	2.6	3.8	1.6	3.0	4.5	1.9	0.4	0.5	0.3
Total U.S.	2.7	3.9	1.7	3.0	4.4	2.0	0.4	0.5	0.4

^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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.

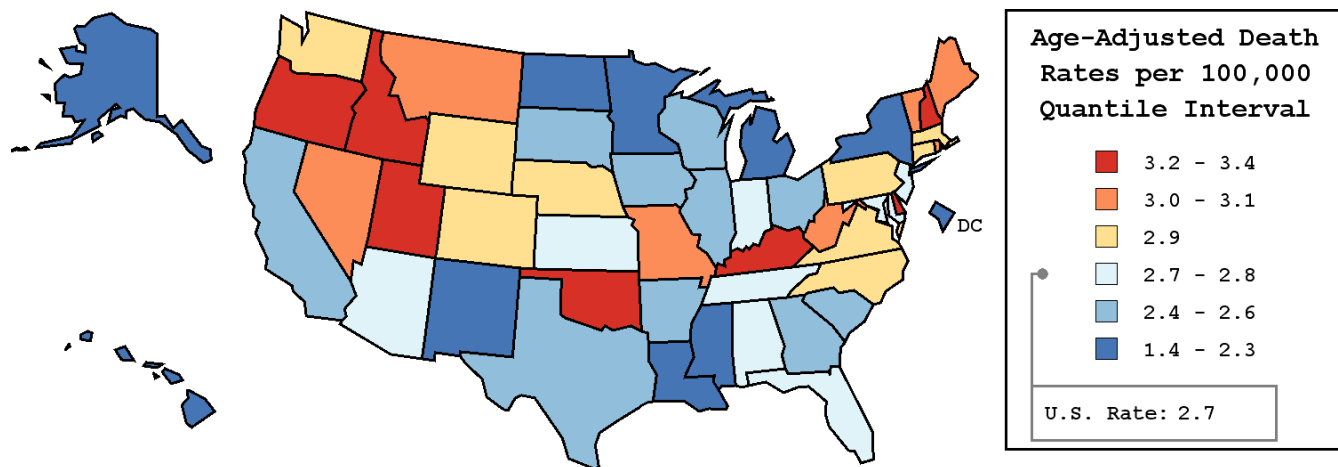
Table XVI-13
MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, ALL RACES, 2001-2005

Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	2.7	0.01		
High Five States				
Idaho	3.4	0.23	(01)	25.9 ^c
Oklahoma	3.4 ^b	0.14	(02)	25.9 ^c
Kentucky	3.4 ^b	0.13	(03)	25.9 ^c
Utah	3.4	0.20	(04)	25.9 ^c
Delaware	3.3	0.28	(05)	22.2 ^c
Low Five States				
Mississippi	2.2 ^b	0.12	(47)	-18.5 ^c
Alaska	1.9	0.30	(48)	-29.6 ^c
Hawaii	1.7 ^b	0.16	(49)	-37.0 ^c
North Dakota	1.6 ^b	0.21	(50)	-40.7 ^c
D.C.	1.4 ^b	0.22	(51)	-48.1 ^c

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	2.7	0.11	(29)	0.0	Montana	3.0	0.25	(12)	11.1
Alaska	1.9	0.30	(48)	-29.6 ^c	Nebraska	2.9	0.18	(19)	7.4
Arizona	2.8	0.10	(28)	3.7	Nevada	3.1	0.17	(10)	14.8
Arkansas	2.5	0.13	(39)	-7.4	New Hampshire	3.2	0.22	(07)	18.5 ^c
California	2.6	0.04	(36)	-3.7	New Jersey	2.7	0.08	(31)	0.0
Colorado	2.9	0.12	(23)	7.4	New Mexico	2.3	0.16	(42)	-14.8
Connecticut	2.9	0.12	(17)	7.4	New York	2.2 ^b	0.05	(46)	-18.5 ^c
Delaware	3.3	0.28	(05)	22.2 ^c	North Carolina	2.9	0.08	(22)	7.4
D.C.	1.4 ^b	0.22	(51)	-48.1 ^c	North Dakota	1.6 ^b	0.21	(50)	-40.7 ^c
Florida	2.8 ^b	0.05	(24)	3.7	Ohio	2.6	0.07	(32)	-3.7
Georgia	2.6	0.08	(34)	-3.7	Oklahoma	3.4 ^b	0.14	(02)	25.9 ^c
Hawaii	1.7 ^b	0.16	(49)	-37.0 ^c	Oregon	3.2 ^b	0.13	(06)	18.5 ^c
Idaho	3.4	0.23	(01)	25.9 ^c	Pennsylvania	2.9	0.06	(21)	7.4
Illinois	2.4 ^b	0.06	(40)	-11.1	Rhode Island	3.1	0.23	(08)	14.8
Indiana	2.8	0.09	(25)	3.7	South Carolina	2.5	0.11	(38)	-7.4
Iowa	2.4	0.12	(41)	-11.1	South Dakota	2.5	0.25	(37)	-7.4
Kansas	2.8	0.14	(27)	3.7	Tennessee	2.8	0.10	(26)	3.7
Kentucky	3.4 ^b	0.13	(03)	25.9 ^c	Texas	2.6	0.05	(35)	-3.7
Louisiana	2.2 ^b	0.10	(45)	-18.5 ^c	Utah	3.4	0.20	(04)	25.9 ^c
Maine	3.0	0.20	(14)	11.1	Vermont	3.0	0.30	(13)	11.1
Maryland	2.7	0.10	(30)	0.0	Virginia	2.9	0.09	(20)	7.4
Massachusetts	2.9	0.09	(15)	7.4	Washington	2.9	0.10	(16)	7.4
Michigan	2.3 ^b	0.07	(43)	-14.8	West Virginia	3.1	0.17	(09)	14.8
Minnesota	2.3 ^b	0.10	(44)	-14.8	Wisconsin	2.6	0.09	(33)	-3.7
Mississippi	2.2 ^b	0.12	(47)	-18.5 ^c	Wyoming	2.9	0.34	(18)	7.4
Missouri	3.1 ^b	0.10	(11)	14.8					



^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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 ($p \leq .0002$).
^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.

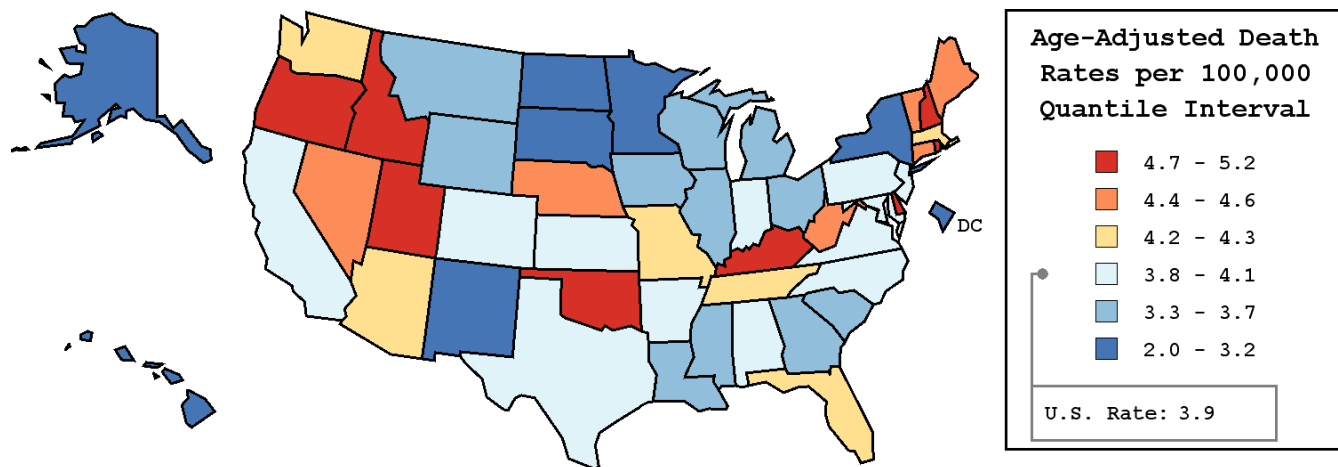
Table XVI-14
MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, ALL RACES, 2001-2005

Males

State	Rate	SE	Rank	PD
TOTAL U.S.	3.9	0.03		
High Five States				
Delaware	5.2	0.54	(01)	33.3 ^c
Kentucky	5.0 ^b	0.24	(02)	28.2 ^c
Oklahoma	5.0 ^b	0.25	(03)	28.2 ^c
Idaho	5.0	0.41	(04)	28.2 ^c
Rhode Island	4.7	0.44	(05)	20.5 ^c
Low Five States				
New York	3.1 ^b	0.09	(47)	-20.5 ^c
Hawaii	2.4 ^b	0.28	(48)	-38.5 ^c
D.C.	2.4	0.48	(49)	-38.5 ^c
Alaska	2.3 ^b	0.45	(50)	-41.0 ^c
North Dakota	2.0 ^b	0.35	(51)	-48.7 ^c

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	3.9	0.20	(29)	0.0	Montana	3.7	0.40	(35)	-5.1
Alaska	2.3 ^b	0.45	(50)	-41.0 ^c	Nebraska	4.5	0.33	(11)	15.4 ^c
Arizona	4.3	0.18	(16)	10.3	Nevada	4.5	0.31	(10)	15.4 ^c
Arkansas	3.8	0.25	(32)	-2.6	New Hampshire	4.7	0.41	(06)	20.5 ^c
California	3.9	0.08	(30)	0.0	New Jersey	4.0	0.14	(27)	2.6
Colorado	4.1	0.23	(21)	5.1	New Mexico	3.2	0.28	(45)	-17.9 ^c
Connecticut	4.4	0.24	(13)	12.8	New York	3.1 ^b	0.09	(47)	-20.5 ^c
Delaware	5.2	0.54	(01)	33.3 ^c	North Carolina	4.1	0.16	(22)	5.1
D.C.	2.4	0.48	(49)	-38.5 ^c	North Dakota	2.0 ^b	0.35	(51)	-48.7 ^c
Florida	4.2	0.09	(18)	7.7	Ohio	3.7	0.12	(33)	-5.1
Georgia	3.7	0.16	(36)	-5.1	Oklahoma	5.0 ^b	0.25	(03)	28.2 ^c
Hawaii	2.4 ^b	0.28	(48)	-38.5 ^c	Oregon	4.7	0.24	(07)	20.5 ^c
Idaho	5.0	0.41	(04)	28.2 ^c	Pennsylvania	4.1	0.12	(25)	5.1
Illinois	3.5 ^b	0.12	(40)	-10.3	Rhode Island	4.7	0.44	(05)	20.5 ^c
Indiana	3.9	0.17	(28)	0.0	South Carolina	3.7	0.21	(34)	-5.1
Iowa	3.4	0.21	(42)	-12.8	South Dakota	3.2	0.41	(44)	-17.9 ^c
Kansas	4.1	0.26	(24)	5.1	Tennessee	4.2	0.19	(19)	7.7
Kentucky	5.0 ^b	0.24	(02)	28.2 ^c	Texas	3.8	0.10	(31)	-2.6
Louisiana	3.3	0.19	(43)	-15.4 ^c	Utah	4.7	0.35	(08)	20.5 ^c
Maine	4.4	0.37	(14)	12.8	Vermont	4.6	0.57	(09)	17.9 ^c
Maryland	4.1	0.20	(26)	5.1	Virginia	4.1	0.17	(23)	5.1
Massachusetts	4.3	0.17	(15)	10.3	Washington	4.2	0.18	(20)	7.7
Michigan	3.6	0.13	(39)	-7.7	West Virginia	4.4	0.31	(12)	12.8
Minnesota	3.2 ^b	0.17	(46)	-17.9 ^c	Wisconsin	3.7	0.17	(37)	-5.1
Mississippi	3.4	0.25	(41)	-12.8	Wyoming	3.7	0.56	(38)	-5.1
Missouri	4.3	0.18	(17)	10.3					



^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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 ($p \leq .0002$).

^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.

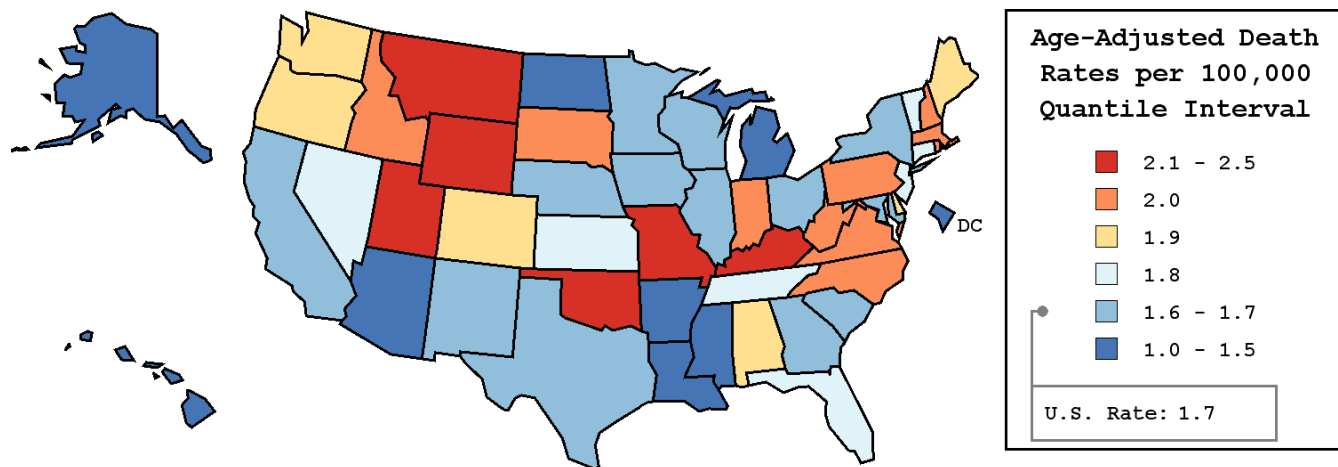
Table XVI-15
MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, ALL RACES, 2001-2005

Females

State	Rate	SE	Rank	PD
TOTAL U.S.	1.7	0.01		
High Five States				
Montana	2.5	0.31	(01)	47.1 ^c
Utah	2.2	0.22	(02)	29.4 ^c
Wyoming	2.2	0.41	(03)	29.4 ^c
Kentucky	2.1	0.14	(04)	23.5 ^c
Missouri	2.1	0.11	(05)	23.5 ^c
Low Five States				
Mississippi	1.3	0.13	(47)	-23.5 ^c
Alaska	1.3	0.35	(48)	-23.5 ^c
North Dakota	1.2	0.26	(49)	-29.4 ^c
Hawaii	1.1	0.18	(50)	-35.3 ^c
D.C.	1.0	0.23	(51)	-41.2 ^c

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	1.9	0.12	(20)	11.8	Montana	2.5	0.31	(01)	47.1 ^c
Alaska	1.3	0.35	(48)	-23.5 ^c	Nebraska	1.7	0.19	(32)	0.0
Arizona	1.5	0.10	(44)	-11.8	Nevada	1.8	0.18	(28)	5.9
Arkansas	1.5	0.14	(43)	-11.8	New Hampshire	2.0	0.24	(14)	17.6 ^c
California	1.6 ^b	0.04	(42)	-5.9	New Jersey	1.8	0.08	(27)	5.9
Colorado	1.9	0.13	(19)	11.8	New Mexico	1.7	0.18	(35)	0.0
Connecticut	1.8	0.13	(24)	5.9	New York	1.7	0.05	(37)	0.0
Delaware	1.9	0.28	(21)	11.8	North Carolina	2.0	0.09	(15)	17.6 ^c
D.C.	1.0	0.23	(51)	-41.2 ^c	North Dakota	1.2	0.26	(49)	-29.4 ^c
Florida	1.8	0.06	(29)	5.9	Ohio	1.7	0.07	(31)	0.0
Georgia	1.7	0.09	(30)	0.0	Oklahoma	2.1	0.15	(06)	23.5 ^c
Hawaii	1.1	0.18	(50)	-35.3 ^c	Oregon	1.9	0.14	(17)	11.8
Idaho	2.0	0.24	(10)	17.6 ^c	Pennsylvania	2.0 ^b	0.07	(12)	17.6 ^c
Illinois	1.7	0.07	(36)	0.0	Rhode Island	2.0	0.25	(07)	17.6 ^c
Indiana	2.0	0.11	(16)	17.6 ^c	South Carolina	1.6	0.12	(39)	-5.9
Iowa	1.6	0.14	(41)	-5.9	South Dakota	2.0	0.31	(11)	17.6 ^c
Kansas	1.8	0.15	(26)	5.9	Tennessee	1.8	0.10	(25)	5.9
Kentucky	2.1	0.14	(04)	23.5 ^c	Texas	1.6	0.06	(40)	-5.9
Louisiana	1.4	0.11	(46)	-17.6 ^c	Utah	2.2	0.22	(02)	29.4 ^c
Maine	1.9	0.21	(22)	11.8	Vermont	1.8	0.32	(23)	5.9
Maryland	1.7	0.11	(33)	0.0	Virginia	2.0	0.10	(09)	17.6 ^c
Massachusetts	2.0	0.10	(08)	17.6 ^c	Washington	1.9	0.11	(18)	11.8
Michigan	1.4 ^b	0.07	(45)	-17.6 ^c	West Virginia	2.0	0.19	(13)	17.6 ^c
Minnesota	1.6	0.11	(38)	-5.9	Wisconsin	1.7	0.10	(34)	0.0
Mississippi	1.3	0.13	(47)	-23.5 ^c	Wyoming	2.2	0.41	(03)	29.4 ^c
Missouri	2.1	0.11	(05)	23.5 ^c					



^a US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. 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 ($p \leq .0002$).
^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, 2005
 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	25 to <30	0 to <15 ^e	0 to <30 ^e	>=30 ^g	Complete ^h
<u>Race/Sex</u>										
All Races ^b	221,975	164,459	113,357	86,036	56,675	35,271	499,791	677,773	45,643	723,416
Males	116,685	83,923	56,297	38,871	24,087	14,113	256,905	333,977	15,437	349,414
Females	105,290	80,536	57,060	47,165	32,588	21,158	242,886	343,796	30,206	374,002
White ^b	214,382	157,948	108,815	81,798	54,869	33,652	481,145	651,464	43,173	694,637
Males	112,902	80,546	54,250	37,170	23,376	13,404	247,698	321,648	14,735	336,383
Females	101,480	77,402	54,565	44,628	31,493	20,248	233,447	329,816	28,438	358,254
Black ^b	758	681	323	307	110	122	1,763	2,304	120	2,424
Males	357	284	150	81	24	37	792	935	45	980
Females	401	397	173	226	86	85	971	1,369	75	1,444
Asian/Pacific Islander ^c	657	347	178	+	+	+	1,182	+	+	+
Males	286	149	70	+	+	+	505	+	+	+
Females	371	198	108	+	+	+	677	+	+	+
Hispanic ^d	3,901	2,715	1,850	+	+	+	8,465	+	+	+
Males	1,457	1,004	678	+	+	+	3,138	+	+	+
Females	2,444	1,711	1,172	+	+	+	5,327	+	+	+

Estimated prevalence percent^a on January 1, 2005, of the SEER 11 population diagnosed in the previous 15 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
<u>Race/Sex</u>											
All Races ^c	0.1426%	0.0004%	0.0033%	0.0285%	0.0864%	0.1711%	0.2746%	0.3769%	0.4778%	0.4631%	0.1453%
Males	0.1498%	0.0004%	0.0031%	0.0188%	0.0606%	0.1510%	0.2950%	0.4804%	0.6739%	0.7216%	0.1671%
Females	0.1356%	0.0004%	0.0036%	0.0387%	0.1129%	0.1911%	0.2552%	0.2838%	0.3278%	0.3205%	0.1312%
White ^c	0.1784%	0.0004%	0.0042%	0.0360%	0.1088%	0.2116%	0.3351%	0.4545%	0.5712%	0.5336%	0.1762%
Males	0.1861%	0.0004%	0.0038%	0.0230%	0.0742%	0.1836%	0.3557%	0.5730%	0.7970%	0.8421%	0.1995%
Females	0.1707%	0.0004%	0.0046%	0.0502%	0.1460%	0.2404%	0.3151%	0.3450%	0.3945%	0.3655%	0.1620%
Black ^c	0.0045%	-	-	0.0010%	0.0032%	0.0044%	0.0077%	0.0198%	0.0211%	0.0274%	0.0059%
Males	0.0042%	-	-	-	0.0024%	0.0040%	0.0072%	0.0232%	0.0280%	0.0335%	0.0065%
Females	0.0048%	-	-	-	0.0039%	0.0048%	0.0082%	0.0171%	0.0166%	0.0244%	0.0056%
Asian/Pacific Islander ^c	0.0093%	-	0.0009%	0.0018%	0.0079%	0.0095%	0.0163%	0.0243%	0.0290%	0.0362%	0.0096%
Males	0.0083%	-	-	0.0021%	0.0044%	0.0072%	0.0159%	0.0241%	0.0385%	0.0349%	0.0093%
Females	0.0103%	-	-	0.0015%	0.0112%	0.0117%	0.0167%	0.0245%	0.0221%	0.0371%	0.0100%
Hispanic ^d	0.0202%	-	0.0007%	0.0049%	0.0170%	0.0374%	0.0584%	0.0734%	0.1080%	0.1513%	0.0326%
Males	0.0143%	-	-	0.0024%	0.0070%	0.0235%	0.0439%	0.0720%	0.1190%	0.1973%	0.0291%
Females	0.0264%	-	0.0008%	0.0079%	0.0284%	0.0520%	0.0721%	0.0745%	0.1000%	0.1248%	0.0372%

^a US 2005 cancer prevalence counts are based on 2005 cancer prevalence proportions from the SEER registries and 1/1/2005 US population estimates based on the average of 2004 and 2005 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: 30 years for 1975-2005 SEER 9 data; 15 years for 1990-2005 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 30 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 <30 and >=30.

- 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

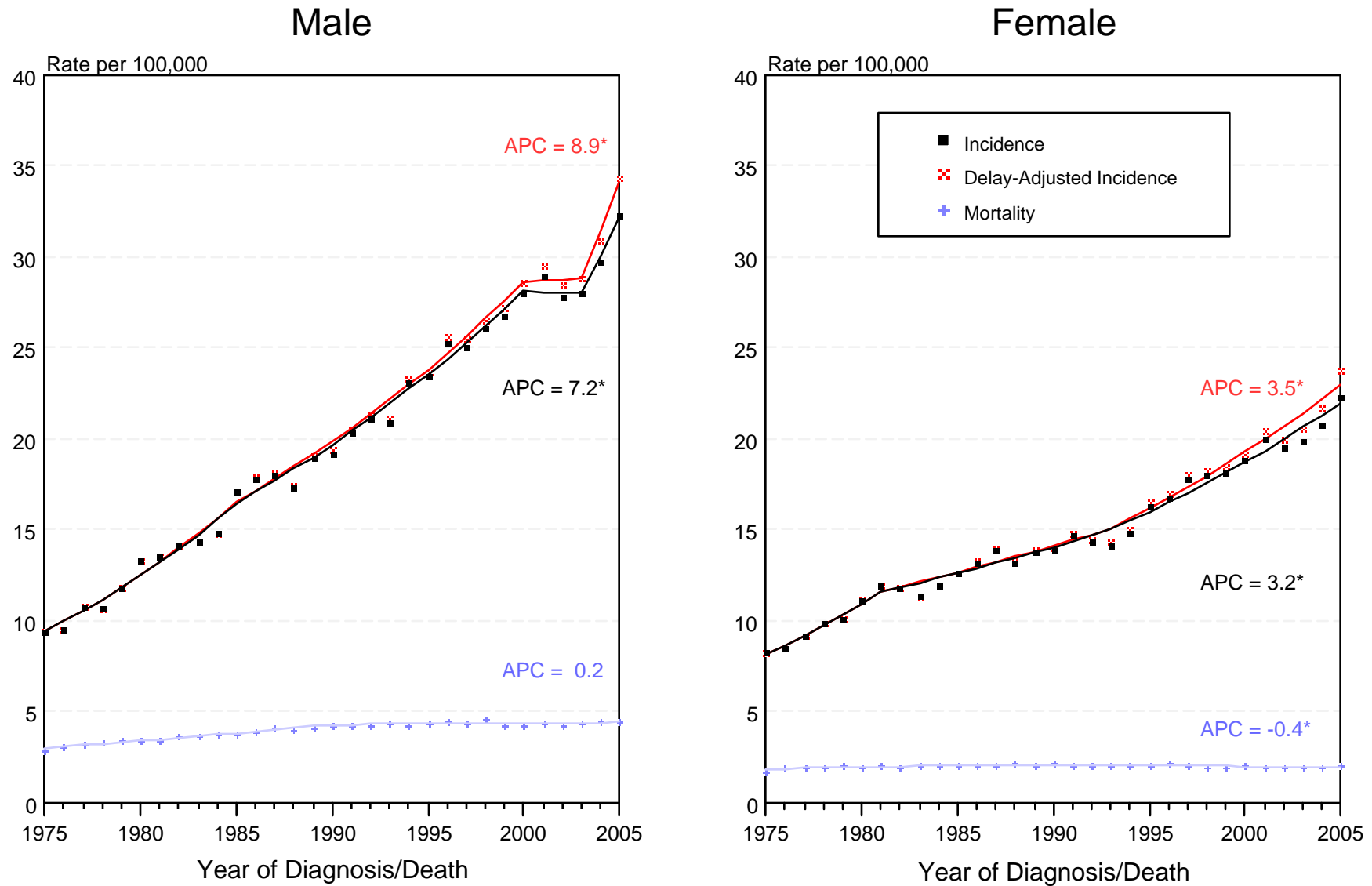


Figure XVI-1

^a Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). 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 3.3.1, April 2008, 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 1975-2005

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2005

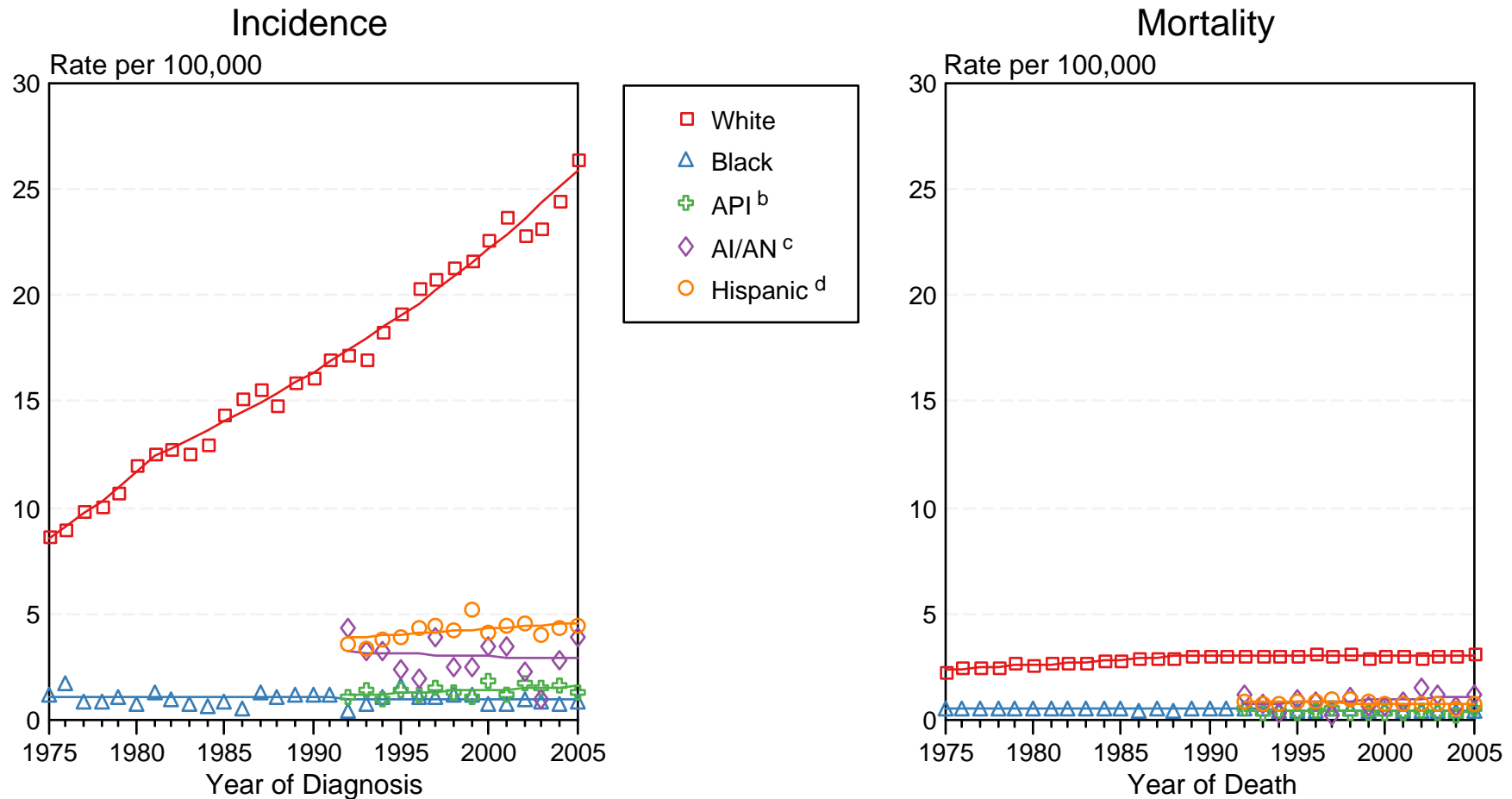


Figure XVI-2

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 US Mortality Files, National Center for Health Statistics, CDC.

^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 3.3.1, April 2008, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2005 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2005 allow a maximum of 3 joinpoints.

^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 1993-1995 vs 2003-2005

White, by Age and Sex

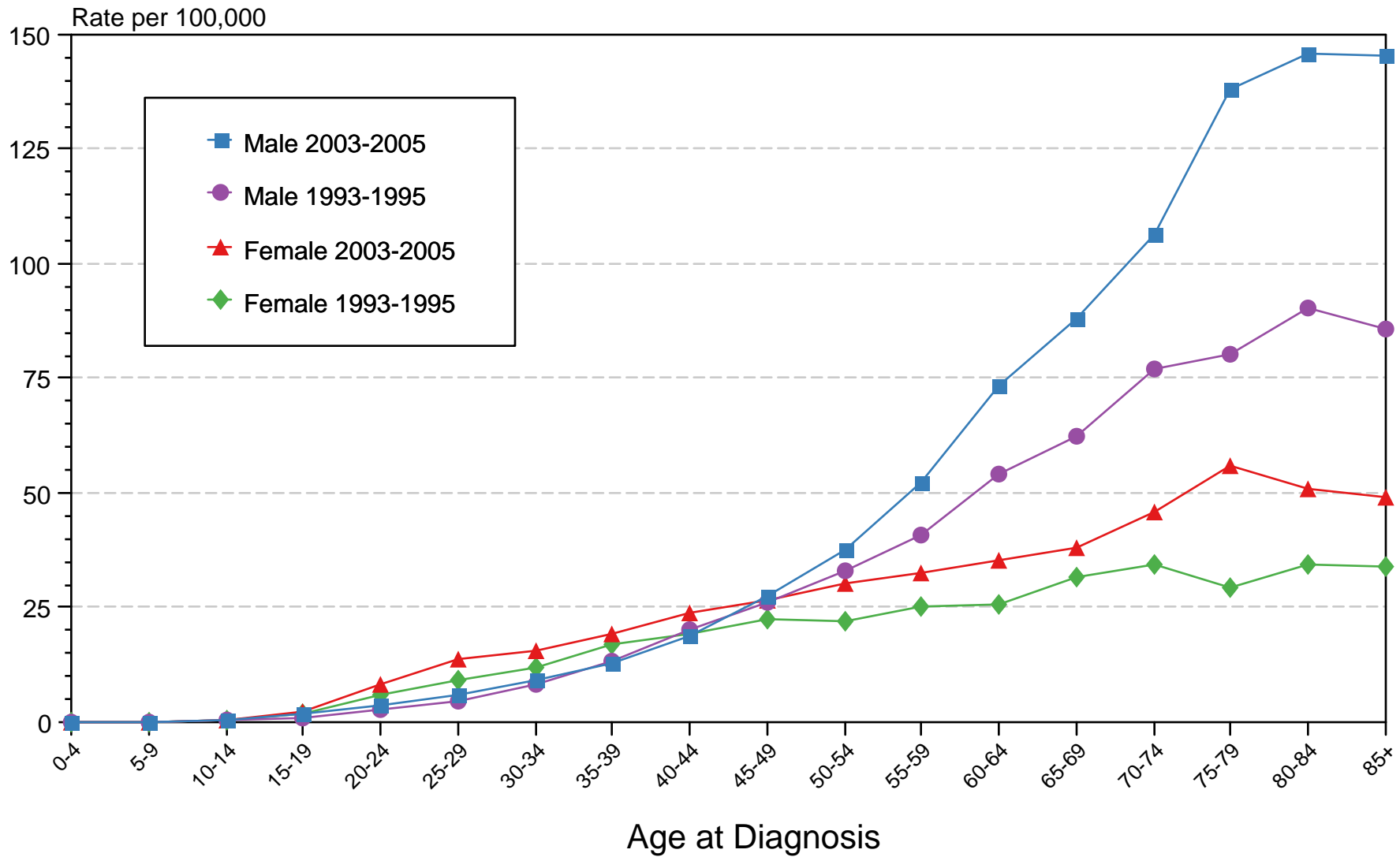


Figure XVI-3

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).