

Table XVI-1
MELANOMA OF THE SKIN (Invasive)

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

		<u>Joinpoint Segment 1</u>		<u>Joinpoint Segment 2</u>		<u>Joinpoint Segment 3</u>		<u>Joinpoint Segment 4</u>	
		Year	APC	Year	APC	Year	APC	Year	APC
<u>SEER Cancer Incidence^a</u>									
All Races	Male and Female	1975-1981	6.0 ^c	1981-2000	2.7 ^c				
All Races	Male	1975-1985	5.6 ^c	1985-2000	3.1 ^c				
All Races	Female	1975-1981	5.3 ^c	1981-2000	2.1 ^c				
White	Male and Female	1975-1981	6.3 ^c	1981-2000	3.0 ^c				
White	Male	1975-1985	5.8 ^c	1985-2000	3.3 ^c				
White	Female	1975-1981	6.1 ^c	1981-1994	2.0 ^c	1994-1997	5.8	1997-2000	-0.5
Black	Male and Female	1975-2000	0.3						
Black	Male	1975-2000	2.1						
Black	Female	1975-2000	-1.2						
<u>SEER Delay-Adjusted Incidence^a</u>									
White	Male	1975-1980	7.5 ^c	1980-2000	4.3 ^c				
White	Female	1975-1981	5.9 ^c	1981-1993	2.4 ^c	1993-2000	4.6 ^c		
<u>U.S. Cancer Mortality^b</u>									
All Races	Male and Female	1975-1989	1.6 ^c	1989-2000	-0.1				
All Races	Male	1975-1987	2.4 ^c	1987-1998	0.8 ^c	1998-2000	-2.9		
All Races	Female	1975-1988	0.8 ^c	1988-2000	-0.6 ^c				
White	Male and Female	1975-1989	1.7 ^c	1989-2000	0.0				
White	Male	1975-1987	2.6 ^c	1987-1998	0.9 ^c	1998-2000	-2.9		
White	Female	1975-1988	1.0 ^c	1988-2000	-0.4				
Black	Male and Female	1975-2000	-0.3						
Black	Male	1975-2000	-1.0 ^c						
Black	Female	1975-2000	0.1						

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

^a Trends are from the SEER 9 areas.

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

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

Table XVI-2
MELANOMA OF THE SKIN (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
YEAR OF DIAGNOSIS:									
1975	7.9	8.5	7.5	8.7	9.3	8.2	-	-	-
1976	8.1	8.7	7.7	9.0	9.6	8.5	-	-	-
1977	8.9	9.8	8.1	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	10.7	11.9	10.0	-	-	-
1980	10.5	11.8	9.6	12.0	13.4	11.1	-	-	-
1981	11.1	12.1	10.4	12.5	13.5	11.9	-	-	-
1982	11.2	12.5	10.2	12.7	14.1	11.8	-	-	-
1983	11.1	12.6	10.0	12.5	14.2	11.3	-	-	-
1984	11.4	12.9	10.4	12.9	14.7	11.8	-	-	-
1985	12.7	15.1	11.1	14.2	16.9	12.4	-	-	-
1986	13.3	15.7	11.6	15.0	17.6	13.1	-	-	-
1987	13.6	15.9	12.1	15.4	17.8	13.7	-	-	-
1988	12.8	15.0	11.4	14.8	17.2	13.1	-	-	-
1989	13.7	16.4	11.9	15.7	18.8	13.7	-	-	-
1990	13.8	16.6	11.8	15.9	19.0	13.7	-	-	-
1991	14.6	17.5	12.5	16.9	20.2	14.5	-	-	-
1992	14.7	18.3	12.2	17.0	21.0	14.2	-	-	-
1993	14.5	18.0	12.0	16.8	20.6	14.0	-	-	-
1994	15.6	19.6	12.6	18.0	22.7	14.6	-	-	-
1995	16.3	20.1	13.6	19.0	23.2	16.1	1.7	-	-
1996	17.1	21.3	14.0	20.0	24.8	16.6	-	-	-
1997	17.5	21.4	14.7	20.4	24.6	17.4	-	-	-
1998	17.7	21.9	14.7	20.9	25.5	17.7	1.2	-	-
1999	17.6	22.1	14.5	20.7	25.5	17.4	1.2	-	-
2000	17.7	22.5	14.4	20.9	26.2	17.4	-	-	-
<u>AGE-ADJUSTED RATES, 1996-2000</u>									
AGE AT DIAGNOSIS:									
All ages	17.5	21.8	14.5	20.6	25.3	17.3	1.1	1.6	0.8
Under 65	12.4	13.2	11.7	14.8	15.6	14.2	0.6	0.6	0.6
65 and over	52.9	81.4	33.8	60.3	92.8	38.5	4.5	8.6	-
All ages (world std.) ^b	13.0	15.3	11.2	15.4	17.9	13.4	0.7	0.9	0.6
<u>AGE-SPECIFIC RATES, 1996-2000</u>									
AGE AT DIAGNOSIS:									
<1	-	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	0.3	-	-	0.4	-	-	-	-	-
15-19	1.4	1.3	1.6	1.8	1.5	2.0	-	-	-
20-24	4.4	3.0	6.0	5.6	3.7	7.6	-	-	-
25-29	7.5	5.4	9.6	9.3	6.7	12.1	-	-	-
30-34	10.1	7.5	12.8	12.6	9.1	16.2	-	-	-
35-39	14.5	12.4	16.5	17.6	14.8	20.4	-	-	-
40-44	18.1	17.5	18.6	21.7	20.8	22.7	-	-	-
45-49	22.9	24.7	21.2	27.5	29.4	25.6	-	-	-
50-54	28.0	32.8	23.4	32.7	37.9	27.6	-	-	-
55-59	33.7	42.3	25.4	39.0	48.2	30.0	-	-	-
60-64	39.0	52.6	26.6	46.4	61.9	32.0	-	-	-
65-69	47.4	66.4	31.2	55.3	76.7	36.7	-	-	-
70-74	52.9	77.4	33.7	60.6	88.1	38.8	-	-	-
75-79	54.5	85.1	33.1	62.4	97.4	37.9	-	-	-
80-84	58.2	94.8	36.4	65.5	107.9	40.4	-	-	-
85+	56.2	100.9	37.8	61.1	112.6	40.6	-	-	-

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

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

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

Table XVI-3
MELANOMA OF THE SKIN (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DEATH:</u>									
1975	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
<u>AGE-ADJUSTED RATES, 1996-2000</u>									
<u>AGE AT DEATH:</u>									
All ages	2.7	3.9	1.8	3.1	4.4	2.0	0.5	0.5	0.5
Under 65	1.4	1.9	1.0	1.6	2.1	1.2	0.2	0.2	0.2
65 and over	11.7	18.3	7.5	12.8	20.1	8.1	2.7	2.7	2.6
All ages (world std.) ^b	1.8	2.5	1.2	2.0	2.8	1.4	0.3	0.3	0.3
<u>AGE-SPECIFIC RATES, 1996-2000</u>									
<u>AGE AT DEATH:</u>									
<1	-	-	-	-	-	-	-	-	-
1-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	0.0	-	-	0.0	-	-	-	-	-
20-24	0.2	0.2	0.1	0.2	0.2	0.2	-	-	-
25-29	0.4	0.4	0.3	0.4	0.5	0.4	-	-	-
30-34	0.7	0.8	0.6	0.9	1.0	0.7	-	-	-
35-39	1.2	1.4	0.9	1.4	1.7	1.1	-	-	-
40-44	1.8	2.3	1.4	2.2	2.7	1.7	-	-	-
45-49	2.7	3.4	2.0	3.2	4.0	2.4	0.3	-	-
50-54	3.7	4.9	2.5	4.3	5.7	3.0	0.3	-	-
55-59	4.7	6.7	3.0	5.4	7.6	3.4	0.6	-	-
60-64	6.2	8.7	3.9	7.0	9.9	4.4	1.0	1.2	-
65-69	8.1	11.8	4.9	9.1	13.2	5.5	1.2	1.3	1.2
70-74	10.3	15.3	6.4	11.3	16.8	7.0	2.0	2.0	2.0
75-79	12.4	19.1	7.8	13.5	20.8	8.4	2.4	2.4	2.4
80-84	15.0	24.6	9.5	16.1	26.4	10.1	4.5	5.3	4.0
85+	17.9	30.6	12.8	19.2	33.4	13.6	5.6	-	5.9

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

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

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

Table XVI-4
MELANOMA OF THE SKIN (Invasive)

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

	<u>All Races</u>			<u>Whites</u>			<u>Blacks</u>		
	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>	<u>Total</u>	<u>Males</u>	<u>Females</u>
<u>5-YR RELATIVE SURVIVAL RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1960-1963 ^a	-	-	-	60	51	68	-	-	-
1970-1973 ^a	-	-	-	68	62	75	-	-	-
1974-1976 ^b	80.2	75.2	85.0	80.5	75.7	85.1	66.6 ^d	-	-
1977-1979 ^b	82.1	77.8	86.2	82.4	78.1	86.6	50.4 ^e	-	-
1980-1982 ^b	83.0	77.8	88.2	83.2	78.1	88.3	60.9 ^e	-	-
1983-1985 ^b	84.8	80.6	89.3	84.9	80.6	89.5	74.4 ^e	-	70.1 ^e
1986-1988 ^b	87.8	84.4	91.3	88.0	84.7	91.5	69.1 ^d	-	-
1989-1991 ^b	88.7	86.1	91.6	88.8	86.4	91.7	79.1 ^d	64.5 ^e	94.0 ^e
1992-1999 ^b	89.6 ^c	87.7 ^c	91.9 ^c	89.8 ^c	87.8 ^c	92.1 ^c	64.4 ^d	63.9 ^d	64.3 ^d
<u>1992-1999^b</u>									
ALL STAGES	89.6	87.7	91.9	89.8	87.8	92.1	64.4 ^d	63.9 ^d	64.3 ^d
LOCALIZED	96.7	96.5	97.1	96.7	96.5	97.1	85.0 ^d	85.8 ^e	84.9 ^d
REGIONAL	60.1	56.0	66.2	60.4	56.0	67.1	31.7 ^e	-	-
DISTANT	13.8	12.3	16.1	14.0	12.4	16.4	-	-	-
UNSTAGED	79.9	76.6	84.5	79.9	76.2	85.0	-	-	-
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
<u>ALL STAGES</u>									
Number of cases	25,746	14,053	11,693	25,346	13,851	11,495	140	70	70
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	82	80	84	82	80	85	61	54	67
REGIONAL	10	11	9	10	11	9	21	21	20
DISTANT	4	4	3	3	4	3	14	19	9
UNSTAGED	5	5	4	5	5	4	5	6	4
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
<u>AGE AT DIAGNOSIS:</u>									
<45	91.8	88.1	94.6	91.9	88.1	94.8	67.4 ^d	-	-
45-54	90.3	88.1	93.4	90.4	88.1	93.5	79.8 ^d	-	-
55-64	90.1	88.4	92.8	90.1	88.4	93.0	68.9 ^e	-	-
65-74	89.7	89.1	90.6	90.1	89.4	91.1	-	-	-
75+	82.1	83.1	80.9	82.5	83.6	81.3	35.7 ^e	-	-
Under 65	90.9	88.2	93.9	91.0	88.2	94.1	71.4 ^d	72.2 ^d	69.8 ^d
65 and over	86.9	87.1	86.6	87.3	87.5	87.0	52.1 ^e	48.4 ^e	-

^a Rates are based on End Results data from a series of hospital registries and one population-based registry.
^b Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 2000.
^c The difference in rates between 1974-1976 and 1992-1999 is statistically significant (p<.05).
^d The standard error of the survival rate is between 5 and 10 percentage points.
^e The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table XVI-5
MELANOMA OF THE SKIN (Invasive)
INCIDENCE, DEATH, AND SURVIVAL RATES^c

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	
Incidence																			
SEER ^a	8.7	11.0	12.7	13.3	13.6	12.8	13.7	13.8	14.6	14.7	14.5	15.6	16.3	17.1	17.5	17.7	17.6	17.7	
Mortality																			
U.S. ^b	2.3	2.5	2.6	2.6	2.6	2.6	2.7	2.8	2.7	2.7	2.7	2.7	2.7	2.8	2.7	2.8	2.6	2.7	
SEER ^a	2.1	2.3	2.3	2.4	2.5	2.5	2.4	2.5	2.7	2.4	2.5	2.3	2.5	2.6	2.5	2.5	2.6	2.4	
Relative Survival Rates (SEER ^a)																			
1-year	94.5	95.9	95.9	96.7	96.2	96.9	96.0	96.5	97.1	96.2	96.8	97.0	97.6	97.6	96.6	96.7	97.5		
2-year	89.9	91.8	92.6	93.0	92.8	93.3	93.5	93.5	94.0	93.6	94.3	93.7	94.3	95.6	94.2	94.3			
3-year	86.1	88.1	89.3	90.7	90.1	91.0	90.7	91.6	91.7	91.4	92.4	91.3	92.5	93.7	91.9				
4-year	83.3	85.6	87.2	89.2	88.4	89.7	89.0	89.6	90.4	89.3	90.5	89.6	91.2	92.8					
5-year	82.0	83.6	85.4	87.7	86.9	88.8	87.4	89.1	89.5	88.3	89.9	88.4	89.8						
6-year	80.2	82.5	84.3	86.4	86.0	87.0	86.6	87.9	88.4	87.9	89.4	87.4							
7-year	79.1	81.8	83.2	86.1	85.0	86.8	85.4	87.4	87.5	87.7	88.0								
8-year	78.1	81.1	83.0	85.4	84.3	86.0	85.0	86.8	86.7	87.1									
9-year	77.4	80.4	82.5	85.4	84.0	85.7	84.8	86.5	86.5										
11-year	76.9	79.9	82.5	85.4	83.8	85.1	84.4	86.2											
11-year	76.3	79.6	82.5	85.4	82.6	84.7	83.9												
12-year	75.8	79.5	82.5	85.3	82.3	84.3													
13-year	75.5	79.0	82.5	84.9	82.3														
14-year	75.2	78.9	82.5	84.2															
15-year	74.7	78.7	82.5																
16-year	74.4	78.6																	
17-year	74.3																		
18-year	74.3																		
19-year	74.3																		
20-year	74.3																		

^a Rates are from the SEER 9 areas.

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

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

Table XVI-6
MELANOMA OF THE SKIN (Invasive)
INCIDENCE, DEATH, AND SURVIVAL RATES^c

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Incidence																		
SEER ^a	9.4	12.4	15.1	15.7	15.9	15.0	16.4	16.6	17.5	18.3	18.0	19.6	20.1	21.3	21.4	21.9	22.1	22.5
Mortality																		
U.S. ^b	2.9	3.3	3.5	3.5	3.7	3.7	3.7	3.8	3.9	3.8	3.9	3.8	3.9	4.0	3.9	4.1	3.8	3.8
SEER ^a	2.6	3.2	3.0	3.1	3.5	3.4	3.1	3.2	3.8	3.4	3.5	3.3	3.6	3.8	3.5	3.4	3.6	3.4
Relative Survival Rates (SEER ^a)																		
1-year	92.8	94.3	94.8	95.7	95.3	95.7	94.7	95.7	96.1	95.8	96.2	96.8	96.7	96.7	96.3	96.4	97.2	
2-year	86.7	88.9	90.4	91.0	90.6	91.7	92.2	91.7	93.1	92.5	93.4	92.3	92.3	94.4	93.5	93.7		
3-year	82.4	84.5	86.2	88.0	87.5	88.8	88.7	89.3	90.5	89.9	90.6	89.4	90.0	92.2	90.6			
4-year	78.8	81.4	83.7	86.0	85.4	87.5	86.3	86.9	89.1	87.0	89.0	87.5	88.3	91.1				
5-year	77.5	78.7	81.5	83.9	83.0	86.4	84.3	85.9	88.0	85.8	88.2	86.6	86.8					
6-year	75.3	77.5	80.5	82.0	82.3	84.5	83.1	84.6	86.9	85.1	87.3	85.9						
7-year	73.7	77.0	79.5	81.4	80.7	83.9	81.8	84.5	86.0	85.1	85.2							
8-year	72.6	76.2	79.2	80.8	80.5	83.1	81.0	83.9	85.0	84.7								
9-year	71.8	75.4	78.8	80.7	80.0	82.2	80.6	83.9	84.6									
10-year	71.2	75.0	78.8	80.7	79.6	81.6	80.6	83.9										
11-year	70.2	74.7	78.8	80.7	78.4	81.6	80.6											
12-year	69.7	74.6	78.8	80.7	78.4	81.6												
13-year	69.2	74.3	78.8	80.3	78.4													
14-year	69.0	74.1	78.8	78.5														
15-year	68.7	74.1	78.8															
16-year	68.2	74.1																
17-year	68.1																	
18-year	68.1																	
19-year	68.1																	
20-year	68.1																	

^a Rates are from the SEER 9 areas.

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

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

Table XVI-7
MELANOMA OF THE SKIN (Invasive)

INCIDENCE, DEATH, AND SURVIVAL RATES^c

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1975- 1979	1980- 1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Incidence																		
SEER ^a	8.2	10.1	11.1	11.6	12.1	11.4	11.9	11.8	12.5	12.2	12.0	12.6	13.6	14.0	14.7	14.7	14.5	14.4
Mortality																		
U.S. ^b	1.7	1.8	1.9	1.9	1.8	1.9	1.9	2.0	1.8	1.8	1.9	1.8	1.8	1.9	1.8	1.8	1.7	1.8
SEER ^a	1.6	1.7	1.8	1.8	1.7	1.8	1.9	1.9	1.9	1.7	1.7	1.6	1.6	1.6	1.8	1.8	1.7	1.6
Relative Survival Rates (SEER ^a)																		
1-year	96.3	97.5	97.1	97.9	97.2	98.3	97.5	97.4	98.3	96.7	97.5	97.3	98.6	98.7	97.0	97.1	98.0	
2-year	93.0	94.8	95.1	95.3	95.2	95.0	94.9	95.7	95.2	94.8	95.5	95.5	96.6	97.2	95.1	95.1		
3-year	89.8	91.9	92.7	93.9	92.9	93.4	93.0	94.2	93.1	93.0	94.4	93.9	95.4	95.6	93.4			
4-year	87.7	89.8	91.1	92.8	91.6	92.1	92.1	92.6	92.0	91.9	92.4	92.2	94.4	94.8				
5-year	86.4	88.6	89.6	91.7	91.0	91.2	91.0	92.6	91.2	91.2	91.9	90.7	93.2					
6-year	85.0	87.4	88.3	91.3	89.8	89.7	90.5	91.7	90.1	91.0	91.9	89.4						
7-year	84.2	86.5	87.2	91.1	89.5	89.7	89.5	90.8	89.3	90.5	91.3							
8-year	83.4	85.8	87.1	90.3	88.3	89.0	89.3	90.1	88.7	89.6								
9-year	82.7	85.4	86.5	90.3	88.0	89.0	89.3	89.3	88.7									
11-year	82.3	84.7	86.5	90.3	88.0	88.6	88.4	88.6										
10-year	82.0	84.3	86.5	89.5	86.8	87.5	87.5											
12-year	81.3	84.2	86.5	89.5	86.1	86.5												
13-year	81.2	83.6	86.5	89.5	85.6													
14-year	80.7	83.5	86.3	89.5														
15-year	80.1	82.9	86.3															
16-year	79.9	82.6																
17-year	79.7																	
18-year	79.6																	
19-year	79.6																	
20-year	79.3																	

^a Rates are from the SEER 9 areas.

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

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

Table XVI-8
MELANOMA OF SKIN (Invasive)

Percent Diagnosed With Cancer In 10, 20 and 30 Years and In Remaining Lifetime,
 Given Cancer Free At Current Age By Race and Sex

Lifetime Risk (Percent) of Being Diagnosed (12 SEER Areas) With Cancer and
 Lifetime Risk (Percent) of Dying (Total U.S.) From Cancer

1998-2000

All Races

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.01	0.04	1.83	0.00	0.01	0.07	1.23
10	0.01	0.04	0.12	1.86	0.01	0.07	0.19	1.25
20	0.03	0.12	0.29	1.86	0.06	0.18	0.35	1.24
30	0.09	0.26	0.57	1.85	0.12	0.29	0.51	1.19
40	0.18	0.49	0.93	1.79	0.18	0.39	0.63	1.08
50	0.32	0.77	1.27	1.67	0.22	0.46	0.71	0.92
60	0.49	1.03	1.38	1.46	0.25	0.51	0.68	0.73

Lifetime Risk of Being Diagnosed = 1.83%
 Lifetime Risk of Dying = 0.35%

Lifetime Risk of Being Diagnosed = 1.23%
 Lifetime Risk of Dying = 0.19%

Whites

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.01	0.05	2.16	0.00	0.01	0.09	1.48
10	0.01	0.05	0.15	2.19	0.01	0.09	0.24	1.50
20	0.04	0.14	0.35	2.20	0.08	0.23	0.44	1.49
30	0.10	0.32	0.68	2.18	0.15	0.37	0.63	1.42
40	0.22	0.58	1.10	2.11	0.22	0.48	0.77	1.28
50	0.38	0.92	1.51	1.95	0.27	0.56	0.85	1.08
60	0.58	1.21	1.62	1.69	0.31	0.60	0.80	0.85

Lifetime Risk of Being Diagnosed = 2.16%
 Lifetime Risk of Dying = 0.40%

Lifetime Risk of Being Diagnosed = 1.48%
 Lifetime Risk of Dying = 0.22%

Blacks

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.08
10	0.00	0.00	0.01	0.11	0.00	0.00	0.01	0.08
20	0.00	0.01	0.01	0.11	0.00	0.01	0.02	0.08
30	0.01	0.01	0.02	0.11	0.01	0.01	0.03	0.08
40	0.01	0.02	0.05	0.10	0.01	0.03	0.04	0.08
50	0.01	0.05	0.07	0.11	0.02	0.03	0.05	0.07
60	0.04	0.07	0.10	0.11	0.02	0.03	0.05	0.06

Lifetime Risk of Being Diagnosed = 0.10%
 Lifetime Risk of Dying = 0.04%

Lifetime Risk of Being Diagnosed = 0.08%
 Lifetime Risk of Dying = 0.05%

Table XVI-9
MELANOMA OF THE SKIN (Invasive)

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

By Race/Ethnicity and Sex

Incidence^a

RACE/ETHNICITY	Rate 1996-2000			Trend 1992-2000		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	16.6	21.0	13.5	2.5 ^d	2.8 ^d	2.3 ^d
White	19.6	24.6	16.1	3.0 ^d	3.1 ^d	2.9 ^d
White Hispanic ^b	4.4	4.4	4.5	3.8 ^d	3.8	3.7
White Non-Hispanic ^b	22.3	27.5	18.6	2.9 ^d	3.0 ^d	2.8 ^d
Black	1.1	1.5	0.8	1.8	-	-
Asian/Pacific Islander	1.7	1.8	1.6	6.6	5.6	7.9 ^d
Amer Ind/Alaska Nat	1.8	-	-	-	-	-
Hispanic ^b	4.2	4.3	4.4	3.9 ^d	3.6	4.1 ^d

Mortality^c

RACE/ETHNICITY	Rate 1996-2000			Trend 1992-2000		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	2.7	3.9	1.8	-0.1	0.2	-0.5
White	3.1	4.4	2.0	0.0	0.3	-0.3
White Hispanic ^b	0.9	1.2	0.6	0.8	3.0	-2.4
White Non-Hispanic ^b	3.2	4.7	2.1	0.2	0.4	-0.1
Black	0.5	0.5	0.5	0.1	1.3	-0.5
Asian/Pacific Islander	0.4	0.5	0.3	-2.7	-	-
Amer Ind/Alaska Nat	0.5	0.7	-	-	-	-
Hispanic ^b	0.9	1.2	0.6	0.9	2.9	-2.2

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

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

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

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

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

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

Table XVI-10
MELANOMA OF THE SKIN (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES^a, 1996-2000</u>									
REGISTRY									
12 registries	16.6	21.0	13.5	19.6	24.6	16.1	1.1	1.5	0.8
11 registries	16.6	21.0	13.5	19.6	24.6	16.1	1.1	1.5	0.8
9 registries	17.5	21.8	14.5	20.6	25.3	17.3	1.1	1.6	0.8
San Francisco-Oakland	16.0	20.4	12.8	21.0	26.5	17.2	-	-	-
Connecticut	20.7	26.2	16.9	21.6	27.1	17.8	-	-	-
Metropolitan Detroit	15.3	19.5	12.7	19.0	23.7	16.2	1.0	-	-
Hawaii	15.1	20.6	10.3	45.6	62.9	29.5	-	-	-
Iowa	15.9	18.7	14.1	15.5	18.3	13.7	-	-	-
New Mexico	15.4	19.4	12.4	16.9	21.1	13.6	-	-	-
Seattle-Puget Sound	20.7	23.9	18.5	23.0	26.3	20.8	-	-	-
Utah	19.9	24.4	16.5	20.6	25.3	17.1	-	-	-
Metropolitan Atlanta	17.2	23.6	13.0	23.6	30.8	18.9	1.1	-	-
San Jose-Monterey	17.1	21.5	13.8	18.7	23.9	14.8	-	-	-
Los Angeles	13.7	18.3	10.5	16.8	22.3	13.0	1.1	-	-
<u>SEER DEATH RATES^b, 1996-2000</u>									
REGISTRY									
12 registries	2.4	3.5	1.6	2.9	4.2	1.9	0.4	-	0.4
11 registries	2.4	3.5	1.6	2.9	4.2	1.9	0.4	-	0.4
9 registries	2.5	3.6	1.7	2.9	4.2	2.0	0.4	-	-
San Francisco-Oakland	2.6	3.9	1.7	3.5	5.2	2.2	-	-	-
Connecticut	2.6	3.5	2.0	2.8	3.8	2.1	-	-	-
Metropolitan Detroit	2.0	2.9	1.3	2.4	3.5	1.6	-	-	-
Hawaii	1.6	2.2	1.1	4.3	6.3	-	-	-	-
Iowa	2.6	3.7	1.8	2.6	3.7	1.8	-	-	-
New Mexico	2.5	3.7	1.6	2.7	4.0	1.7	-	-	-
Seattle-Puget Sound	3.0	4.2	2.0	3.3	4.6	2.2	-	-	-
Utah	3.1	4.4	2.1	3.2	4.5	2.1	-	-	-
Metropolitan Atlanta	2.2	3.4	1.5	3.0	4.5	2.0	-	-	-
San Jose-Monterey	2.5	3.5	1.7	3.0	4.3	1.9	-	-	-
Los Angeles	2.1	3.2	1.3	2.7	4.0	1.7	-	-	-

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

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

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

- Statistic could not be calculated or populations are inadequate.

Table XVI-11
MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, 1996-2000

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	2.7	0.01							
High Five States									
Oklahoma	3.6 ^{bc}	0.14	(01)	33.3					
Vermont	3.3 ^b	0.33	(02)	22.2					
Delaware	3.2 ^b	0.29	(03)	18.5					
Massachusetts	3.2 ^{bc}	0.10	(04)	18.5					
Wyoming	3.1	0.37	(05)	14.8					
Low Five States									
New York	2.3 ^c	0.05	(47)	-14.8					
Louisiana	2.2 ^{bc}	0.10	(48)	-18.5					
North Dakota	1.8 ^{bc}	0.23	(49)	-33.3					
Hawaii	1.6 ^{bc}	0.16	(50)	-40.7					
District of Columbia	1.4 ^{bc}	0.22	(51)	-48.1					
Alabama	2.7	0.11	(31)	0.0	Montana	2.9	0.25	(21)	7.4
Alaska	2.4	0.38	(45)	-11.1	Nebraska	2.7	0.18	(33)	0.0
Arizona	2.9	0.11	(18)	7.4	Nevada	2.9	0.19	(16)	7.4
Arkansas	2.6	0.14	(38)	-3.7	New Hampshire	2.8	0.22	(24)	3.7
California	2.7	0.04	(28)	0.0	New Jersey	2.9	0.08	(17)	7.4
Colorado	3.1	0.13	(10)	14.8	New Mexico	2.5	0.18	(40)	-7.4
Connecticut	2.6	0.12	(34)	-3.7	New York	2.3 ^c	0.05	(47)	-14.8
Delaware	3.2 ^b	0.29	(03)	18.5	North Carolina	2.9	0.09	(20)	7.4
District of Columbia	1.4 ^{bc}	0.22	(51)	-48.1	North Dakota	1.8 ^{bc}	0.23	(49)	-33.3
Florida	2.9	0.06	(19)	7.4	Ohio	2.7	0.07	(29)	0.0
Georgia	2.6	0.09	(35)	-3.7	Oklahoma	3.6 ^{bc}	0.14	(01)	33.3
Hawaii	1.6 ^{bc}	0.16	(50)	-40.7	Oregon	3.1	0.13	(09)	14.8
Idaho	3.0	0.23	(11)	11.1	Pennsylvania	2.7	0.06	(27)	0.0
Illinois	2.4 ^c	0.06	(44)	-11.1	Rhode Island	2.8	0.22	(25)	3.7
Indiana	2.8	0.10	(22)	3.7	South Carolina	2.4	0.11	(43)	-11.1
Iowa	2.6	0.13	(37)	-3.7	South Dakota	2.7	0.27	(32)	0.0
Kansas	2.9	0.15	(15)	7.4	Tennessee	3.1 ^c	0.11	(06)	14.8
Kentucky	3.0	0.12	(14)	11.1	Texas	2.7	0.06	(30)	0.0
Louisiana	2.2 ^{bc}	0.10	(48)	-18.5	Utah	3.1	0.20	(08)	14.8
Maine	2.8	0.20	(26)	3.7	Vermont	3.3 ^b	0.33	(02)	22.2
Maryland	2.5	0.10	(41)	-7.4	Virginia	2.8	0.09	(23)	3.7
Massachusetts	3.2 ^{bc}	0.10	(04)	18.5	Washington	3.0	0.11	(12)	11.1
Michigan	2.3 ^c	0.07	(46)	-14.8	West Virginia	3.1	0.18	(07)	14.8
Minnesota	2.5	0.10	(39)	-7.4	Wisconsin	2.6	0.10	(36)	-3.7
Mississippi	2.4	0.13	(42)	-11.1	Wyoming	3.1	0.37	(05)	14.8
Missouri	3.0	0.10	(13)	11.1					

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

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

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

SE Standard error of the rate.

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

Table XVI-12
MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, 1996-2000

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	3.9	0.03							
High Five States									
Vermont	5.0 ^b	0.62	(01)	28.2					
Oklahoma	5.0 ^{bc}	0.26	(02)	28.2					
Delaware	4.7 ^b	0.55	(03)	20.5					
Massachusetts	4.6 ^b	0.19	(04)	17.9					
Missouri	4.4	0.19	(05)	12.8					
Low Five States									
Mississippi	3.3 ^b	0.24	(47)	-15.4					
Louisiana	3.2 ^{bc}	0.19	(48)	-17.9					
North Dakota	2.4 ^{bc}	0.40	(49)	-38.5					
District of Columbia	2.2 ^{bc}	0.45	(50)	-43.6					
Hawaii	2.2 ^{bc}	0.28	(51)	-43.6					
Alabama	3.9	0.21	(29)	0.0	Montana	4.2	0.46	(17)	7.7
Alaska	3.4	0.76	(45)	-12.8	Nebraska	4.1	0.33	(22)	5.1
Arizona	4.4	0.20	(14)	12.8	Nevada	4.2	0.34	(20)	7.7
Arkansas	3.4	0.24	(40)	-12.8	New Hampshire	3.8	0.40	(32)	-2.6
California	4.0	0.08	(27)	2.6	New Jersey	4.4	0.16	(13)	12.8
Colorado	4.4	0.25	(08)	12.8	New Mexico	3.7	0.33	(34)	-5.1
Connecticut	3.5	0.22	(39)	-10.3	New York	3.4 ^c	0.09	(44)	-12.8
Delaware	4.7 ^b	0.55	(03)	20.5	North Carolina	4.2	0.17	(18)	7.7
District of Columbia	2.2 ^{bc}	0.45	(50)	-43.6	North Dakota	2.4 ^{bc}	0.40	(49)	-38.5
Florida	4.4 ^c	0.10	(09)	12.8	Ohio	3.9	0.13	(28)	0.0
Georgia	3.9	0.18	(30)	0.0	Oklahoma	5.0 ^{bc}	0.26	(02)	28.2
Hawaii	2.2 ^{bc}	0.28	(51)	-43.6	Oregon	4.3	0.24	(16)	10.3
Idaho	4.3	0.42	(15)	10.3	Pennsylvania	4.0	0.12	(26)	2.6
Illinois	3.4 ^c	0.12	(42)	-12.8	Rhode Island	3.3 ^b	0.39	(46)	-15.4
Indiana	4.1	0.18	(23)	5.1	South Carolina	3.7	0.23	(35)	-5.1
Iowa	3.7	0.23	(37)	-5.1	South Dakota	3.4	0.44	(43)	-12.8
Kansas	4.1	0.27	(21)	5.1	Tennessee	4.4	0.20	(06)	12.8
Kentucky	4.4	0.23	(07)	12.8	Texas	4.0	0.11	(24)	2.6
Louisiana	3.2 ^{bc}	0.19	(48)	-17.9	Utah	4.4	0.36	(12)	12.8
Maine	3.9	0.37	(31)	0.0	Vermont	5.0 ^b	0.62	(01)	28.2
Maryland	3.7	0.20	(33)	-5.1	Virginia	4.0	0.18	(25)	2.6
Massachusetts	4.6 ^b	0.19	(04)	17.9	Washington	4.2	0.19	(19)	7.7
Michigan	3.4 ^c	0.13	(41)	-12.8	West Virginia	4.4	0.32	(11)	12.8
Minnesota	3.5	0.19	(38)	-10.3	Wisconsin	3.7	0.18	(36)	-5.1
Mississippi	3.3 ^b	0.24	(47)	-15.4	Wyoming	4.4	0.67	(10)	12.8
Missouri	4.4	0.19	(05)	12.8					

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

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

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

SE Standard error of the rate.

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

Table XVI-13
 MELANOMA OF THE SKIN (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^a RATES BY STATE, 1996-2000

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	1.8	0.02							
High Five States									
Rhode Island	2.5 ^b	0.28	(01)	38.9					
Oklahoma	2.4 ^{bc}	0.16	(02)	33.3					
Massachusetts	2.2 ^{bc}	0.11	(03)	22.2					
South Dakota	2.2 ^b	0.34	(04)	22.2					
Tennessee	2.2 ^b	0.12	(05)	22.2					
Low Five States									
South Carolina	1.5 ^b	0.12	(47)	-16.7					
Louisiana	1.5 ^b	0.11	(48)	-16.7					
North Dakota	1.3 ^b	0.26	(49)	-27.8					
Hawaii	1.1 ^{bc}	0.19	(50)	-38.9					
District of Columbia	0.7 ^{bc}	0.21	(51)	-61.1					
Alabama	1.8	0.12	(28)	0.0	Montana	1.8	0.27	(36)	0.0
Alaska	1.6	0.40	(42)	-11.1	Nebraska	1.5 ^b	0.18	(45)	-16.7
Arizona	1.8	0.12	(37)	0.0	Nevada	1.8	0.20	(29)	0.0
Arkansas	2.0	0.16	(15)	11.1	New Hampshire	2.0	0.25	(14)	11.1
California	1.8	0.05	(30)	0.0	New Jersey	1.9	0.09	(23)	5.6
Colorado	2.1 ^b	0.15	(08)	16.7	New Mexico	1.6	0.19	(43)	-11.1
Connecticut	2.0	0.14	(18)	11.1	New York	1.6 ^c	0.05	(44)	-11.1
Delaware	2.1 ^b	0.32	(09)	16.7	North Carolina	1.9	0.09	(21)	5.6
District of Columbia	0.7 ^{bc}	0.21	(51)	-61.1	North Dakota	1.3 ^b	0.26	(49)	-27.8
Florida	1.8	0.06	(33)	0.0	Ohio	1.9	0.08	(26)	5.6
Georgia	1.7	0.10	(39)	-5.6	Oklahoma	2.4 ^{bc}	0.16	(02)	33.3
Hawaii	1.1 ^{bc}	0.19	(50)	-38.9	Oregon	2.1 ^b	0.15	(07)	16.7
Idaho	2.0	0.25	(19)	11.1	Pennsylvania	1.9	0.07	(27)	5.6
Illinois	1.6	0.07	(41)	-11.1	Rhode Island	2.5 ^b	0.28	(01)	38.9
Indiana	1.9	0.11	(22)	5.6	South Carolina	1.5 ^b	0.12	(47)	-16.7
Iowa	1.8	0.15	(31)	0.0	South Dakota	2.2 ^b	0.34	(04)	22.2
Kansas	2.1 ^b	0.17	(11)	16.7	Tennessee	2.2 ^b	0.12	(05)	22.2
Kentucky	1.9	0.13	(25)	5.6	Texas	1.8	0.06	(32)	0.0
Louisiana	1.5 ^b	0.11	(48)	-16.7	Utah	2.1 ^b	0.22	(12)	16.7
Maine	2.0	0.23	(16)	11.1	Vermont	1.9	0.34	(20)	5.6
Maryland	1.7	0.11	(40)	-5.6	Virginia	2.0	0.10	(17)	11.1
Massachusetts	2.2 ^{bc}	0.11	(03)	22.2	Washington	2.0	0.12	(13)	11.1
Michigan	1.5 ^{bc}	0.08	(46)	-16.7	West Virginia	2.2 ^b	0.20	(06)	22.2
Minnesota	1.8	0.12	(34)	0.0	Wisconsin	1.7	0.11	(38)	-5.6
Mississippi	1.8	0.15	(35)	0.0	Wyoming	2.1 ^b	0.41	(10)	16.7
Missouri	1.9	0.11	(24)	5.6					

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

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

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

SE Standard error of the rate.

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

Table XVI-14
MELANOMA OF THE SKIN (Invasive)

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

Years Since Diagnosis	0 to <5	5 to <10	10 to <15	15 to <20	20 to <25	0 to <10	0 to <25	>=25 ^f	Complete ^g
<u>Race/Sex</u>									
All Races ^b	186,458	127,203	95,775	63,264	39,655	313,661	512,355	38,505	550,860
Males	98,180	64,958	44,976	27,690	16,325	163,138	252,129	15,303 ^h	267,432
Females	88,278	62,245	50,799	35,574	23,330	150,523	260,226	23,202 ^h	283,428
White ^b	177,406	120,797	89,989	60,841	37,821	298,203	486,854	34,500	521,354
Males	93,419	61,948	42,405	26,690	15,532	155,367	239,994	13,784 ^h	253,778
Females	83,987	58,849	47,584	34,151	22,289	142,836	246,860	20,716 ^h	267,576
Black ^b	953	391	401	-	-	1,344	2,041	+	+
Males	478	-	-	-	-	657	848	+	+
Females	475	-	-	-	-	687	1,193	+	+
Asian/Pacific Islander ^c	529	244	+	+	+	773	+	+	+
Males	266	99	+	+	+	365	+	+	+
Females	263	145	+	+	+	408	+	+	+
Hispanic ^d	2,923	1,750	+	+	+	4,673	+	+	+
Males	1,178	687	+	+	+	1,865	+	+	+
Females	1,745	1,063	+	+	+	2,808	+	+	+

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

Age at Prevalence	Age Specific (Crude)										Age-Adjusted ^e
	All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	All Ages
<u>Race/Sex</u>											
All Races ^c	0.0956%	-	0.0021%	0.0237%	0.0691%	0.1292%	0.1957%	0.2552%	0.3017%	0.2920%	0.1018%
Males	0.1013%	-	0.0015%	0.0170%	0.0524%	0.1229%	0.2193%	0.3335%	0.4228%	0.4530%	0.1182%
Females	0.0901%	-	0.0028%	0.0307%	0.0862%	0.1354%	0.1731%	0.1861%	0.2115%	0.2082%	0.0906%
White ^c	0.1157%	-	0.0026%	0.0282%	0.0830%	0.1555%	0.2289%	0.2999%	0.3451%	0.3206%	0.1190%
Males	0.1220%	-	0.0017%	0.0197%	0.0614%	0.1459%	0.2540%	0.3882%	0.4819%	0.5064%	0.1365%
Females	0.1096%	-	0.0035%	0.0374%	0.1060%	0.1653%	0.2045%	0.2201%	0.2421%	0.2257%	0.1075%
Black ^c	0.0036%	-	-	-	-	-	0.0086%	0.0139%	0.0178%	-	0.0050%
Males	0.0037%	-	-	-	-	-	-	-	-	-	0.0062%
Females	0.0035%	-	-	-	-	-	-	-	-	-	0.0043%
Asian/Pacific Islander ^c	0.0075%	-	-	-	0.0050%	0.0072%	0.0153%	0.0175%	0.0302%	0.0360%	0.0084%
Males	0.0074%	-	-	-	-	-	0.0170%	0.0205%	0.0366%	-	0.0092%
Females	0.0075%	-	-	-	0.0068%	0.0086%	0.0138%	-	0.0254%	-	0.0079%
Hispanic ^d	0.0133%	-	-	0.0038%	0.0138%	0.0267%	0.0416%	0.0507%	0.0824%	0.1004%	0.0235%
Males	0.0102%	-	-	-	0.0078%	0.0202%	0.0327%	0.0505%	0.1074%	0.1209%	0.0225%
Females	0.0166%	-	-	0.0059%	0.0206%	0.0333%	0.0496%	0.0509%	0.0646%	0.0894%	0.0252%

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

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

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

^{f g h} (f) Cases diagnosed 25 years or more ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (g) Complete prevalence is obtained by summing 0 to <25 with >=25. (h) Age-specific completeness index was approximated using empirical data from historical Connecticut tumor registry.

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

+ Not available.

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

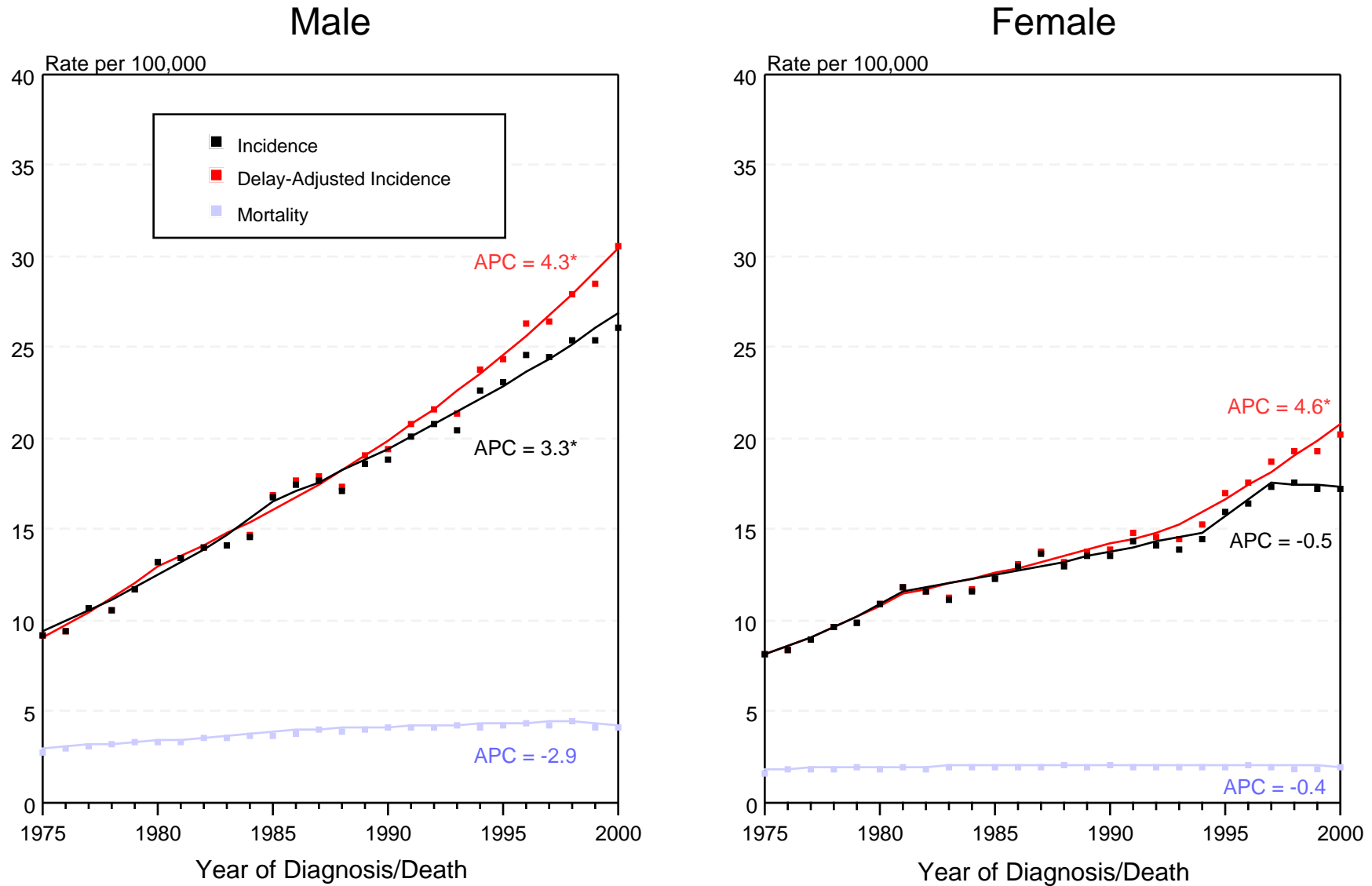


Figure XVI-1

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

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

Melanoma of the Skin

SEER Incidence 1988-1990 vs 1998-2000

White, by Age and Sex

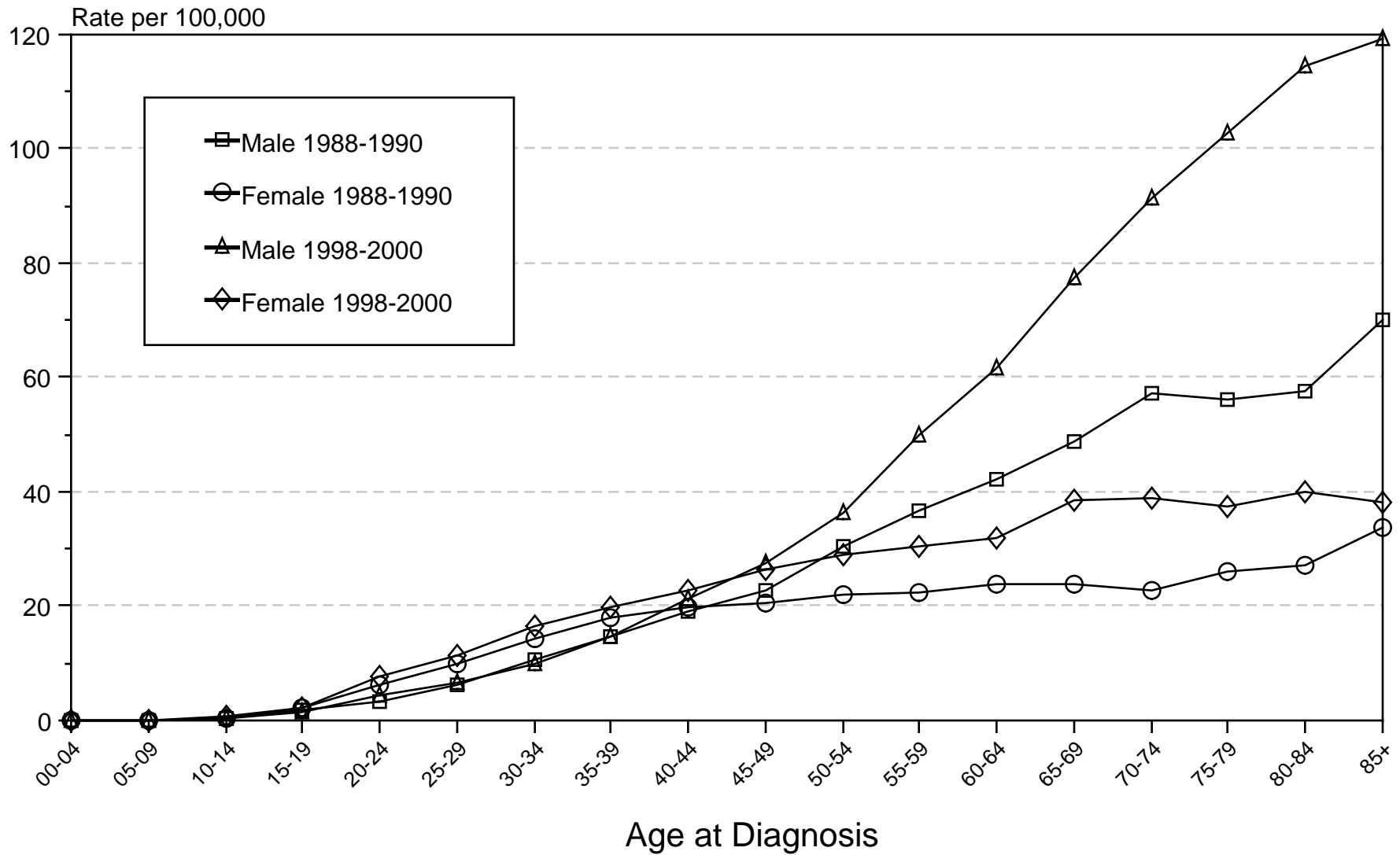


Figure XVI-2

Source: SEER 9 areas. Rates are age-adjusted to the 2000 US standard million population by 5-year age groups.