

Table XXVI-1
URINARY BLADDER CANCER (Invasive and In Situ)

TRENDS IN SEER INCIDENCE^a AND U.S. MORTALITY^b USING THE JOINPOINT REGRESSION PROGRAM, 1973-1999
WITH UP TO THREE JOINPOINTS BY RACE AND SEX

	<u>All Races</u>		<u>Whites</u>		<u>Blacks</u>	
	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>
<u>SEER Cancer Incidence^a</u>						
Sex - Male and Female	1973-87	0.8★	1973-87	1.0★	1973-99	0.5★
	1987-99	-0.1	1987-99	0.0		
Sex - Male	1973-87	1.0★	1973-87	1.2★	1973-77	11.3
	1987-99	-0.4★	1987-99	-0.4★	1977-99	0.0
Sex - Female	1973-76	4.2	1973-99	0.4★	1973-99	0.6
	1976-99	0.2				
<u>U.S. Cancer Mortality^b</u>						
Sex - Male and Female	1973-77	-0.4	1973-77	-0.4	1973-99	-1.0★
	1977-87	-2.1★	1977-87	-2.1★		
	1987-99	-0.1	1987-99	0.1		
Sex - Male	1973-77	0.1	1973-77	0.1	1973-99	-1.0★
	1977-87	-2.0★	1977-87	-2.0★		
	1987-99	-0.4★	1987-99	-0.3★		
Sex - Female	1973-87	-1.6★	1973-87	-1.6★	1973-99	-0.7★
	1987-99	-0.1	1987-99	0.0		

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.

Trends are from the SEER 9 areas.

Trends are from the NCHS public use data file.

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

^a
^b
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Table XXVI-2
URINARY BLADDER CANCER (Invasive and In Situ)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	18.1	32.1	7.9	19.0	34.3	8.2	8.1	12.4	-
1974	19.5	34.3	8.8	20.4	36.3	9.1	10.6	14.5	7.4
1975	19.3	34.3	8.9	20.2	36.4	9.1	10.5	16.2	6.3
1976	19.7	34.3	9.5	20.7	36.6	9.7	12.5	18.2	8.6
1977	19.0	33.4	8.9	19.9	35.5	9.2	13.5	22.8	7.1
1978	20.0	35.4	9.4	21.1	37.8	9.7	11.6	19.1	6.4
1979	20.0	35.3	9.4	21.2	38.1	9.8	10.4	15.8	6.5
1980	20.4	37.2	8.9	21.5	39.8	9.1	13.3	18.2	10.0
1981	20.7	36.3	9.7	21.9	38.7	10.3	11.5	20.5	5.5
1982	20.1	35.7	9.5	21.3	38.2	10.2	12.1	21.7	5.5
1983	20.0	36.0	9.0	21.3	38.7	9.4	12.2	18.7	7.6
1984	20.8	37.7	9.2	22.3	40.8	9.6	11.4	18.6	6.2
1985	20.7	36.4	9.9	22.1	39.2	10.3	13.0	20.3	8.0
1986	21.0	37.9	9.4	22.4	40.8	10.0	12.8	22.1	6.4
1987	21.6	39.5	9.2	23.1	42.8	9.6	13.2	21.8	7.4
1988	20.8	38.1	9.0	22.7	41.8	9.6	11.2	18.0	6.4
1989	21.0	37.4	9.7	22.7	40.9	10.2	11.4	17.3	7.4
1990	21.0	37.4	9.6	22.5	40.7	10.0	12.6	18.6	8.6
1991	20.9	37.5	9.4	22.7	41.1	9.9	12.8	19.4	8.4
1992	21.2	37.3	9.8	22.9	40.5	10.5	12.3	20.3	6.9
1993	21.2	37.4	9.7	22.8	40.3	10.4	14.1	23.7	7.9
1994	20.8	36.7	9.5	22.5	40.0	10.2	12.2	19.6	7.0
1995	20.5	35.8	9.6	22.3	39.1	10.2	11.8	17.7	7.5
1996	20.6	36.0	9.6	22.3	39.2	10.3	12.2	19.1	7.4
1997	20.9	36.5	9.5	22.6	39.7	10.1	12.3	19.0	7.8
1998	21.3	37.7	9.4	23.1	41.1	10.0	11.5	19.0	6.3
1999	21.2	36.8	9.8	22.8	39.9	10.2	14.2	21.6	9.2
<u>AGE-ADJUSTED RATES, 1995-99</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	20.9	36.6	9.6	22.6	39.8	10.2	12.4	19.3	7.7
Under 65	6.8	10.6	3.2	7.5	11.5	3.6	3.9	6.1	2.1
65 and over	118.4	216.3	53.2	127.3	235.3	55.6	71.2	111.0	45.9
All ages (world std.)ë	12.8	21.6	5.8	14.0	23.6	6.3	7.3	11.3	4.4
<u>AGE-SPECIFIC RATES, 1995-99</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	-	-	-	-	-	-	-	-	-
20-24	0.3	-	-	0.4	-	-	-	-	-
25-29	0.6	0.7	0.6	0.8	0.9	-	-	-	-
30-34	0.9	1.2	0.5	0.9	1.2	-	-	-	-
35-39	1.9	2.9	0.9	2.1	3.3	1.0	-	-	-
40-44	4.2	6.5	2.0	4.6	7.0	2.1	2.5	-	-
45-49	8.6	13.5	3.7	9.5	14.7	4.2	6.0	10.1	-
50-54	17.6	26.4	9.1	19.6	28.9	10.4	9.6	14.5	-
55-59	32.4	51.0	14.9	35.5	55.4	16.3	19.2	29.0	11.3
60-64	52.1	82.6	24.5	57.3	89.8	27.1	28.2	43.8	16.1
65-69	80.1	134.8	33.7	88.6	148.7	36.5	39.7	62.5	21.8
70-74	113.6	194.6	50.5	122.3	211.5	52.1	66.1	97.7	43.4
75-79	136.4	246.2	58.4	147.1	268.9	60.9	77.2	117.1	50.7
80-84	152.5	293.1	68.7	162.2	314.8	72.6	100.9	188.0	52.3
85+	142.3	300.4	75.4	148.1	325.2	76.4	106.6	146.2	88.6

§ 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.

ë 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 XXVI-3
URINARY BLADDER CANCER (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>AGE-ADJUSTED RATES</u>									
<u>YEAR OF DEATH:</u>									
1973	5.6	9.7	2.9	5.7	10.0	2.9	5.1	7.0	3.8
1974	5.6	9.7	2.9	5.7	10.0	2.8	5.2	7.2	3.8
1975	5.5	9.8	2.8	5.6	10.1	2.7	5.0	6.9	3.6
1976	5.6	9.8	2.9	5.6	10.0	2.8	5.3	7.8	3.5
1977	5.5	9.7	2.9	5.6	9.9	2.8	5.2	7.6	3.6
1978	5.4	9.5	2.9	5.5	9.8	2.8	4.9	7.2	3.4
1979	5.2	9.3	2.7	5.3	9.6	2.7	5.0	7.6	3.3
1980	5.2	9.2	2.7	5.2	9.5	2.7	4.7	6.2	3.7
1981	5.1	9.0	2.7	5.1	9.3	2.6	4.9	7.2	3.4
1982	5.0	8.9	2.6	5.0	9.2	2.5	4.9	6.8	3.6
1983	4.9	8.8	2.5	4.9	9.0	2.5	4.7	7.2	3.2
1984	4.7	8.5	2.5	4.8	8.7	2.4	4.7	6.9	3.4
1985	4.7	8.4	2.4	4.7	8.7	2.4	4.5	6.9	3.0
1986	4.5	8.1	2.4	4.6	8.4	2.3	4.2	5.8	3.3
1987	4.4	7.9	2.3	4.5	8.1	2.3	4.4	6.5	3.1
1988	4.4	7.8	2.4	4.5	8.0	2.3	4.3	5.9	3.3
1989	4.5	8.0	2.4	4.5	8.2	2.3	4.6	7.0	3.2
1990	4.5	8.0	2.4	4.6	8.2	2.4	4.4	6.4	3.2
1991	4.4	7.9	2.3	4.5	8.1	2.3	4.4	6.5	3.1
1992	4.5	7.9	2.4	4.5	8.1	2.4	4.3	6.6	3.1
1993	4.5	8.0	2.3	4.6	8.3	2.3	4.2	6.3	3.0
1994	4.5	7.8	2.4	4.6	8.1	2.4	4.4	6.3	3.2
1995	4.4	7.7	2.3	4.5	8.1	2.2	4.1	5.7	3.1
1996	4.4	7.7	2.4	4.5	8.1	2.4	4.2	5.8	3.2
1997	4.4	7.5	2.4	4.5	7.8	2.4	4.0	5.7	3.0
1998	4.4	7.7	2.4	4.5	8.0	2.3	4.0	5.5	3.1
1999	4.4	7.6	2.3	4.5	7.9	2.3	4.1	5.7	3.0
<u>AGE-ADJUSTED RATES, 1995-99</u>									
<u>AGE AT DEATH:</u>									
All ages	4.4	7.7	2.4	4.5	8.0	2.3	4.1	5.7	3.1
Under 65	0.7	1.1	0.4	0.8	1.2	0.4	0.8	1.1	0.6
65 and over	29.7	52.6	16.0	30.4	54.9	15.8	26.5	37.0	20.7
All ages (world std.) ^ö	2.2	3.7	1.2	2.3	3.9	1.1	2.1	2.9	1.6
<u>AGE-SPECIFIC RATES, 1995-99</u>									
<u>AGE AT DEATH:</u>									
0-4	-	-	-	-	-	-	-	-	-
5-9	-	-	-	-	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	-	-	-	-	-	-	-	-	-
20-24	-	-	-	-	-	-	-	-	-
25-29	-	-	-	-	-	-	-	-	-
30-34	0.0	0.1	-	0.0	-	-	-	-	-
35-39	0.1	0.2	0.1	0.1	0.2	0.1	0.2	-	-
40-44	0.3	0.5	0.2	0.3	0.5	0.2	0.4	0.6	-
45-49	0.8	1.2	0.4	0.8	1.2	0.4	0.9	1.3	0.5
50-54	1.8	2.8	0.9	1.9	2.9	0.9	2.0	3.2	1.1
55-59	3.6	5.5	1.7	3.6	5.7	1.7	3.8	5.5	2.6
60-64	6.9	10.7	3.4	7.0	11.1	3.3	7.1	9.2	5.4
65-69	12.0	19.4	5.7	12.4	20.4	5.5	10.6	14.0	8.0
70-74	20.2	33.3	10.1	20.7	34.6	9.8	18.9	24.7	14.8
75-79	30.4	51.8	15.3	31.2	53.9	15.1	26.7	37.3	20.0
80-84	45.8	81.0	25.2	46.8	84.0	25.0	40.3	58.0	31.0
85+	68.6	134.5	41.7	70.1	141.1	41.4	61.3	88.3	50.1

^ä 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.

^ö 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 XXVI-4
URINARY BLADDER CANCER (Invasive and In Situ)

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:									
1960-63 ^a	-	-	-	53	53	53	24	24	24
1970-73 ^a	-	-	-	61	61	60	36	38	27
1974-76 ^b	72.7	73.8	69.5	73.9	74.7	71.7	48.0	54.2	37.4↑
1977-79 ^b	75.0	76.7	70.6	75.9	77.1	72.7	54.5	62.9	38.6↑
1980-82 ^b	78.0	79.2	74.8	78.9	79.9	76.1	58.3	62.8	49.3↑
1983-85 ^b	77.6	79.2	73.1	78.2	79.5	74.6	59.6	64.8	50.1↑
1986-88 ^b	79.8	81.5	74.9	80.7	82.3	76.1	62.3	67.4	50.4↑
1989-91 ^b	80.9	83.4	73.9	82.1	84.4	75.5	61.9	65.5	56.7
1992-98 ^b	81.5Ū	83.8Ū	75.3Ū	82.3Ū	84.4Ū	76.4Ū	64.5Ū	69.4Ū	55.7Ū
1992-98 ^b									
ALL STAGES	81.5	83.8	75.3	82.3	84.4	76.4	64.5	69.4	55.7
LOCALIZED	94.3	95.2	91.9	94.5	95.3	92.1	88.9	90.0	86.4
REGIONAL	47.6	50.8	39.7	47.8	50.8	40.0	36.0	41.4↑	29.0↑
DISTANT	5.5	6.4	4.3	5.8	6.8	4.5	3.5	0.0	3.6
UNSTAGED	58.2	63.6	45.7	60.4	65.5	48.4	41.4↑	49.4↑	27.5↑
STAGE DISTRIBUTION (%) 1992-98^b									
ALL STAGES									
Number of cases	27,142	20,116	7,026	24,968	18,604	6,364	1,162	762	400
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	74	75	70	75	76	71	56	60	50
REGIONAL	19	18	21	18	18	20	28	25	33
DISTANT	3	3	5	3	2	4	7	7	8
UNSTAGED	4	4	5	4	4	5	10	9	10
5-YR RELATIVE SURVIVAL RATES, 1992-98^b									
AGE AT DIAGNOSIS:									
<45	92.4	93.8	88.5	93.2	94.3	89.9	87.1↑	91.5	-
45-54	88.2	88.7	86.7	88.8	89.1	88.1	74.7	80.4↑	59.6↑
55-64	86.0	87.8	80.4	87.0	88.6	81.7	67.3	71.5	56.7↑
65-74	81.3	82.7	77.0	82.0	83.2	78.1	60.0	64.5↑	51.7↑
75+	73.3	77.2	65.5	74.2	78.0	66.3	54.9	55.2↑	54.1↑
Under 65	87.4	88.7	83.2	88.2	89.4	84.6	72.8	77.6	60.1↑
65 and over	78.1	80.8	71.5	78.9	81.4	72.5	57.7	61.0	53.2

^a^b

Rates are based on End Results data from a series of hospital registries and one population-based registry. 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 1999.

The difference in rates between 1974-76 and 1992-98 is statistically significant ($p < .05$).

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

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

Statistic could not be calculated.

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Table XXVI-5
URINARY BLADDER CANCER

INCIDENCE (Invasive and In Situ), DEATH, AND SURVIVAL RATES (Invasive and In Situ)*

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Incidence																					
SEER ^a	19.3	20.4	20.7	20.1	20.0	20.8	20.7	21.0	21.6	20.8	21.0	21.0	20.9	21.2	21.2	20.8	20.5	20.6	20.9	21.3	21.2
Mortality																					
U.S. ^b	5.5	5.2	5.1	5.0	4.9	4.7	4.7	4.5	4.4	4.4	4.5	4.5	4.4	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.4
SEER ^a	5.8	5.1	5.0	4.7	4.8	5.0	4.6	4.4	4.1	4.3	4.2	4.4	4.3	4.3	4.4	4.2	4.1	4.2	4.2	4.1	4.0
Relative Survival Rates (SEER ^a)																					
1-year	86.8	88.9	89.6	89.1	89.5	89.8	89.3	90.3	90.3	90.9	91.4	90.1	90.1	90.4	90.9	91.1	91.2	90.3	91.7	91.3	
2-year	80.0	83.5	85.6	83.7	84.4	84.6	84.4	85.6	85.8	85.8	86.8	86.2	85.5	85.3	86.4	86.7	87.4	86.4	86.8		
3-year	76.9	79.8	83.7	80.6	81.4	82.4	81.2	82.5	83.2	84.0	84.1	83.2	83.4	82.9	84.2	85.1	85.0	84.6			
4-year	74.6	77.3	81.4	79.1	79.1	80.2	78.4	80.6	81.4	82.2	82.4	81.9	82.1	82.3	83.0	83.2	83.0				
5-year	72.6	75.9	80.5	77.4	77.5	78.3	77.1	79.0	80.2	80.3	81.0	81.2	80.7	80.5	81.6	82.1					
6-year	70.9	74.8	79.0	75.6	75.7	77.3	76.2	78.3	78.5	78.7	80.0	79.9	80.0	79.4	80.4						
7-year	69.4	73.7	77.7	74.0	74.7	76.3	75.2	77.5	77.4	77.5	78.5	79.1	77.9	77.8							
8-year	68.1	73.0	76.8	73.5	72.8	75.5	74.4	76.4	75.9	76.9	76.8	77.5	76.7								
9-year	67.4	72.1	75.0	72.3	70.8	74.8	74.0	75.7	74.3	76.4	76.6	75.7									
10-year	66.0	71.6	73.4	72.0	69.8	74.0	72.8	74.8	73.4	76.2	75.3										
11-year	65.8	70.9	72.7	71.3	69.0	73.1	72.8	73.2	73.4	75.2											
12-year	65.4	70.4	70.9	70.1	69.0	72.5	70.9	72.3	72.7												
13-year	65.4	70.0	70.3	69.1	68.0	72.5	70.2	71.3													
14-year	64.8	69.1	68.9	67.8	67.4	71.8	68.7														
15-year	63.6	68.7	68.6	67.2	66.3	70.1															
16-year	62.8	67.7	66.9	66.3	65.0																
17-year	61.1	67.7	66.9	65.0																	
18-year	60.6	67.7	65.9																		
19-year	59.8	67.7																			
20-year	59.8																				
21-year	59.8																				
22-year	59.1																				
23-year	57.5																				
24-year	57.3																				

^a Rates are from the SEER 9 areas.^b Rates are from the NCHS public use data file.

* 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 XXVI-6
URINARY BLADDER CANCER

INCIDENCE (Invasive and In Situ), DEATH, AND SURVIVAL RATES (Invasive and In Situ)*

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Incidence																					
SEER ^a	34.3	37.2	36.3	35.7	36.0	37.7	36.4	37.9	39.5	38.1	37.4	37.4	37.5	37.3	37.4	36.7	35.8	36.0	36.5	37.7	36.8
Mortality																					
U.S. ^b	9.8	9.2	9.0	8.9	8.8	8.5	8.4	8.1	7.9	7.8	8.0	8.0	7.9	7.9	8.0	7.8	7.7	7.7	7.5	7.7	7.6
SEER ^a	10.0	9.5	9.1	8.7	8.5	9.1	8.5	7.7	7.5	7.6	7.4	7.7	7.4	7.1	7.7	7.2	7.1	7.4	7.1	7.1	6.8
Relative Survival Rates (SEER ^a)																					
1-year	88.8	90.9	91.7	89.4	91.0	90.2	91.2	91.7	92.0	92.3	93.3	92.1	91.6	92.0	92.5	93.0	92.8	91.9	93.4	93.2	
2-year	81.5	85.9	87.9	84.3	86.0	85.8	86.2	86.9	87.8	87.0	89.3	88.4	87.6	87.5	88.8	88.5	89.2	88.1	88.9		
3-year	78.0	81.9	86.3	81.2	83.1	83.6	83.1	83.6	84.9	85.6	86.8	85.7	85.8	85.6	86.7	87.1	87.0	86.2			
4-year	75.5	78.8	83.7	79.6	81.1	81.5	80.0	81.5	83.3	84.0	85.1	84.2	84.6	85.2	85.1	85.1	84.8				
5-year	72.9	77.2	82.6	77.5	79.2	79.9	78.6	80.1	82.4	82.1	83.8	83.7	82.8	83.5	83.7	84.3					
6-year	71.4	76.3	80.9	75.2	77.8	79.0	77.9	79.2	80.8	80.7	82.2	82.2	81.8	82.6	83.0						
7-year	69.8	74.9	79.7	73.6	76.7	78.8	76.6	78.0	79.5	79.6	80.3	81.3	79.3	81.0							
8-year	68.2	73.9	78.5	73.2	75.1	77.9	75.6	77.1	77.7	79.2	78.4	79.6	78.0								
9-year	66.9	73.3	76.7	71.8	73.3	77.1	75.5	75.9	76.1	78.8	78.3	77.5									
10-year	65.3	72.8	75.1	71.5	72.4	76.7	74.2	75.4	75.4	78.5	76.9										
11-year	65.3	72.3	73.8	71.1	71.5	76.2	74.1	74.2	75.4	77.7											
12-year	64.5	71.8	71.6	69.7	71.5	75.3	71.8	73.4	74.2												
13-year	64.5	71.6	71.0	68.8	70.7	75.3	71.4	72.3													
14-year	64.4	70.9	68.8	67.5	70.0	74.7	69.7														
15-year	62.9	70.4	68.3	67.0	69.2	72.7															
16-year	62.2	69.7	66.6	65.8	67.5																
17-year	60.6	69.7	66.6	64.4																	
18-year	59.2	69.7	66.4																		
19-year	59.1	69.7																			
20-year	59.0																				
21-year	59.0																				
22-year	58.8																				
23-year	57.0																				
24-year	57.0																				

^a Rates are from the SEER 9 areas.^b Rates are from the NCHS public use data file.

* 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 XXVI-7
URINARY BLADDER CANCER

INCIDENCE (Invasive and In Situ), DEATH, AND SURVIVAL RATES (Invasive and In Situ)*

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
Incidence																					
SEER ^a	8.9	8.9	9.7	9.5	9.0	9.2	9.9	9.4	9.2	9.0	9.7	9.6	9.4	9.8	9.7	9.5	9.6	9.6	9.5	9.4	9.8
Mortality																					
U.S. ^b	2.8	2.7	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.4	2.4	2.4	2.3	2.4	2.3	2.4	2.3	2.4	2.4	2.4	2.3
SEER ^a	3.1	2.5	2.6	2.4	2.5	2.5	2.2	2.4	2.0	2.4	2.2	2.5	2.4	2.5	2.4	2.5	2.1	2.2	2.3	2.1	2.2
Relative Survival Rates (SEER ^a)																					
1-year	81.2	82.7	83.9	88.2	84.8	88.5	84.0	86.4	84.9	86.9	85.9	84.3	85.8	85.7	86.3	85.7	86.7	85.8	87.0	85.9	
2-year	75.6	76.3	79.1	82.2	79.5	81.2	79.5	81.8	79.4	82.2	79.9	79.7	79.3	79.0	79.8	81.4	82.5	81.6	80.9		
3-year	73.9	73.6	76.5	79.1	76.4	79.0	76.0	79.5	77.8	79.1	76.4	76.1	76.3	75.1	77.4	79.6	79.6	80.0			
4-year	72.3	72.9	75.0	78.0	73.0	76.3	74.1	78.0	75.7	77.0	75.1	75.0	75.0	74.2	77.0	77.8	78.2				
5-year	71.7	72.2	74.8	77.1	72.3	73.8	73.2	75.9	73.8	75.1	73.3	73.8	74.7	72.2	76.0	76.1					
6-year	69.6	70.3	73.7	76.7	69.7	72.4	72.0	75.7	71.6	72.8	73.3	73.1	74.7	70.4	73.4						
7-year	68.2	70.3	72.2	75.1	68.7	69.2	71.4	75.7	70.9	71.4	73.3	73.0	74.0	68.9							
8-year	67.8	70.3	72.2	74.2	66.2	68.7	71.1	74.6	70.4	70.4	72.5	71.8	73.0								
9-year	67.8	68.9	70.3	73.6	63.6	68.4	70.0	74.6	69.1	69.7	71.9	70.9									
10-year	67.7	68.3	69.0	73.3	62.3	66.6	69.3	73.3	67.5	69.6	71.2										
11-year	67.1	67.3	69.0	72.0	61.8	64.4	69.3	70.8	67.3	68.2											
12-year	67.1	66.8	69.0	70.9	61.6	64.4	68.5	69.3	67.3												
13-year	67.1	65.9	68.6	69.8	60.6	64.1	67.2	68.7													
14-year	65.8	64.6	68.6	68.7	60.3	63.8	66.3														
15-year	65.3	64.2	68.6	67.9	58.4	63.0															
16-year	64.3	62.8	67.8	67.4	58.2																
17-year	62.4	61.1	67.5	66.3																	
18-year	62.4	59.9	64.7																		
19-year	61.5	58.2																			
20-year	61.5																				
21-year	60.5																				
22-year	59.8																				
23-year	58.8																				
24-year	56.6																				

^a Rates are from the SEER 9 areas.^b Rates are from the NCHS public use data file.

* 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 XXVI-8
URINARY BLADDER CANCER (Invasive and In Situ)

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

1997-1999

All Races

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.00	0.00	0.01	3.47	0.00	0.00	0.00	1.14	
10	0.00	0.01	0.02	3.50	0.00	0.00	0.01	1.15	
20	0.01	0.02	0.11	3.52	0.00	0.01	0.04	1.15	
30	0.02	0.11	0.43	3.56	0.01	0.03	0.14	1.15	
40	0.09	0.42	1.24	3.61	0.03	0.13	0.37	1.16	
50	0.35	1.20	2.52	3.65	0.11	0.35	0.73	1.15	
60	0.92	2.36	3.36	3.58	0.25	0.65	1.00	1.10	
Lifetime Risk of Being Diagnosed =				3.47%	Lifetime Risk of Being Diagnosed =				1.14%
Lifetime Risk of Dying =				0.73%	Lifetime Risk of Dying =				0.33%

Whites

Current Age	Males				Females				
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually	
0	0.00	0.00	0.01	3.85	0.00	0.00	0.00	1.22	
10	0.00	0.01	0.03	3.88	0.00	0.00	0.01	1.22	
20	0.01	0.03	0.12	3.90	0.00	0.01	0.04	1.23	
30	0.02	0.12	0.48	3.93	0.01	0.04	0.15	1.23	
40	0.10	0.47	1.40	3.98	0.03	0.15	0.41	1.23	
50	0.38	1.34	2.80	4.01	0.12	0.38	0.79	1.22	
60	1.03	2.60	3.68	3.90	0.28	0.70	1.05	1.15	
Lifetime Risk of Being Diagnosed =				3.85%	Lifetime Risk of Being Diagnosed =				1.22%
Lifetime Risk of Dying =				0.78%	Lifetime Risk of Dying =				0.33%

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	1.42	0.00	0.00	0.00	0.79	
10	0.00	0.00	0.01	1.45	0.00	0.00	0.01	0.80	
20	0.00	0.01	0.07	1.46	0.00	0.01	0.03	0.80	
30	0.01	0.07	0.22	1.50	0.01	0.03	0.10	0.81	
40	0.07	0.22	0.58	1.54	0.02	0.10	0.25	0.82	
50	0.16	0.55	1.10	1.60	0.08	0.24	0.53	0.83	
60	0.46	1.10	1.59	1.68	0.17	0.50	0.73	0.82	
Lifetime Risk of Being Diagnosed =				1.42%	Lifetime Risk of Being Diagnosed =				0.79%
Lifetime Risk of Dying =				0.39%	Lifetime Risk of Dying =				0.34%

Table XXVI-9
URINARY BLADDER CANCER

AGE-ADJUSTED SEER INCIDENCE (Invasive and In Situ) AND U.S. DEATH RATES

By Race/Ethnicity and Sex

Incidenceⁱ

	Rate 1992-1999 Rate per 100,000 persons			Trend 1992-1999 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	20.2	35.5	9.2	-0.4	-0.6★	-0.6
White	21.9	38.9	9.8	-0.4	-0.6★	-0.7★
White Hispanic	10.1	17.6	4.7	-3.4★	-3.2★	-4.7★
White Non-Hispanic	22.8	40.3	10.2	0.0	-0.4	0.0
Black	12.4	19.6	7.5	0.3	-0.1	0.8
Asian/Pacific Islander	9.8	16.7	4.4	0.2	0.4	1.1
Amer Ind/Alaska Nat	3.9	6.6	-	-	-	-
Hispanic [⊗]	9.6	16.7	4.5	-3.4★	-3.0★	-5.1★

Mortality[❖]

	Rate 1992-1999 Rate per 100,000 persons			Trend 1992-1999 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	4.4	7.7	2.4	-0.3	-0.7★	-0.3
White	4.5	8.0	2.3	-0.1	-0.6★	-0.2
White Hispanic	2.3	3.9	1.2	-1.3	-1.7	-1.2
White Non-Hispanic	4.6	8.1	2.3	0.0	-0.5★	0.2
Black	4.1	5.9	3.1	-1.1★	-2.3★	-0.1
Asian/Pacific Islander	1.8	2.8	1.1	-2.1	-0.8	-3.9
Amer Ind/Alaska Nat	1.4	2.1	0.9	-0.1	-	-
Hispanic [⊗]	2.2	3.8	1.1	-1.4	-1.9	-1.1

- The EAPC is the Estimated 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.
- ⁱ 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).
- [⊗] Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics does 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.
- [❖] Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).
- [★] The EAPC is significantly different from zero (p<.05).

Table XXVI-10
URINARY BLADDER CANCERAGE-ADJUSTED SEER INCIDENCE (Invasive and In Situ) RATES§ AND SEER DEATH RATES§
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES§, 1995-99</u>									
REGISTRY									
11 registries	20.0	35.2	9.1	21.8	38.5	9.7	12.3	19.3	7.6
9 registries	20.9	36.6	9.6	22.6	39.8	10.2	12.4	19.3	7.7
San Francisco-Oakland	18.4	30.9	9.2	21.2	35.9	10.3	10.9	15.3	7.5
Connecticut	26.3	45.4	12.8	26.9	46.4	13.1	12.9	23.3	6.1
Metropolitan Detroit	23.0	41.4	10.5	25.5	46.7	11.1	13.4	20.7	8.4
Hawaii	13.2	21.6	6.0	23.0	38.3	9.7	-	-	-
Iowa	20.8	38.3	8.4	20.7	38.0	8.4	-	-	-
New Mexico	16.5	27.0	8.2	17.4	28.3	8.7	-	-	-
Seattle-Puget Sound	23.4	41.4	9.8	24.3	43.0	10.2	11.9	19.3	-
Utah	17.6	31.0	7.1	17.9	31.7	7.3	-	-	-
Metropolitan Atlanta	18.3	32.9	9.0	19.9	35.8	9.3	12.2	20.0	8.0
San Jose-Monterey	18.5	32.1	8.4	20.1	34.8	9.3	-	-	-
Los Angeles	17.5	31.3	7.7	19.4	34.7	8.3	12.1	19.1	7.5
<u>SEER DEATH RATES§, 1995-99</u>									
REGISTRY									
11 registries	4.0	6.9	2.1	4.2	7.5	2.2	3.9	5.4	3.0
9 registries	4.1	7.1	2.2	4.3	7.7	2.2	3.9	5.4	3.1
San Francisco-Oakland	3.8	6.3	2.3	4.1	7.0	2.3	4.5	5.4	3.9
Connecticut	4.9	8.8	2.6	5.1	9.1	2.6	-	-	-
Metropolitan Detroit	4.3	7.5	2.4	4.5	8.2	2.3	3.7	5.0	2.8
Hawaii	2.6	3.9	1.4	5.3	8.8	-	-	-	-
Iowa	4.0	7.6	1.8	4.0	7.6	1.8	-	-	-
New Mexico	3.6	6.0	1.8	3.7	6.2	1.8	-	-	-
Seattle-Puget Sound	4.3	7.3	2.1	4.4	7.6	2.2	-	-	-
Utah	3.7	6.4	1.8	3.8	6.5	1.8	-	-	-
Metropolitan Atlanta	4.2	7.2	2.7	4.1	7.1	2.4	4.8	7.6	3.7
San Jose-Monterey	3.6	5.7	2.2	3.8	6.1	2.5	-	-	-
Los Angeles	3.8	6.7	2.0	4.0	7.3	2.0	3.8	5.2	3.0

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in tables where indicated.
 § SEER 9 areas. Incidence rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.
 ä 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 XXVI-11
URINARY BLADDER CANCER (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^ä RATES BY STATE, 1995-99

All Races, Males and Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	4.4	0.02							
High Five States									
Delaware	6.3 ^{⊕*}	0.43	(01)	43.2					
Maine	5.8 ^{⊕*}	0.29	(02)	31.8					
New Hampshire	5.6 ^{⊕*}	0.32	(03)	27.3					
Vermont	5.3 [*]	0.43	(04)	20.5					
Nevada	5.2 [*]	0.28	(05)	18.2					
Low Five States									
Utah	3.7 [*]	0.23	(47)	-15.9					
Mississippi	3.6 ^{⊕*}	0.17	(48)	-18.2					
New Mexico	3.6 ^{⊕*}	0.22	(49)	-18.2					
Alabama	3.6 ^{⊕*}	0.13	(50)	-18.2					
Hawaii	2.6 ^{⊕*}	0.21	(51)	-40.9					
Alabama	3.6 ^{⊕*}	0.13	(50)	-18.2	Montana	4.5	0.31	(22)	2.3
Alaska	5.2 [*]	0.71	(07)	18.2	Nebraska	3.8	0.21	(44)	-13.6
Arizona	4.3	0.14	(28)	-2.3	Nevada	5.2 [*]	0.28	(05)	18.2
Arkansas	4.1	0.17	(31)	-6.8	New Hampshire	5.6 ^{⊕*}	0.32	(03)	27.3
California	4.1 [⊕]	0.06	(30)	-6.8	New Jersey	5.2 ^{⊕*}	0.11	(06)	18.2
Colorado	3.8 [⊕]	0.16	(46)	-13.6	New Mexico	3.6 ^{⊕*}	0.22	(49)	-18.2
Connecticut	4.9	0.16	(10)	11.4	New York	4.9 [⊕]	0.07	(13)	11.4
Delaware	6.3 ^{⊕*}	0.43	(01)	43.2	North Carolina	4.0	0.11	(34)	-9.1
District of Columbia	4.6	0.40	(19)	4.5	North Dakota	4.0	0.33	(36)	-9.1
Florida	4.6	0.07	(21)	4.5	Ohio	4.9 [⊕]	0.09	(12)	11.4
Georgia	3.9 [⊕]	0.12	(39)	-11.4	Oklahoma	3.9	0.15	(43)	-11.4
Hawaii	2.6 ^{⊕*}	0.21	(51)	-40.9	Oregon	4.6	0.16	(18)	4.5
Idaho	4.4	0.28	(24)	0.0	Pennsylvania	4.9 [⊕]	0.08	(14)	11.4
Illinois	4.4	0.09	(23)	0.0	Rhode Island	4.9	0.29	(11)	11.4
Indiana	4.7	0.13	(15)	6.8	South Carolina	4.2	0.16	(29)	-4.5
Iowa	4.0	0.15	(37)	-9.1	South Dakota	3.9	0.31	(41)	-11.4
Kansas	3.9	0.17	(40)	-11.4	Tennessee	4.0	0.12	(38)	-9.1
Kentucky	4.4	0.15	(25)	0.0	Texas	3.8 [⊕]	0.07	(45)	-13.6
Louisiana	4.1	0.15	(32)	-6.8	Utah	3.7 [*]	0.23	(47)	-15.9
Maine	5.8 ^{⊕*}	0.29	(02)	31.8	Vermont	5.3 [*]	0.43	(04)	20.5
Maryland	5.0 [⊕]	0.15	(09)	13.6	Virginia	4.1	0.12	(33)	-6.8
Massachusetts	5.1 ^{⊕*}	0.12	(08)	15.9	Washington	4.3	0.13	(27)	-2.3
Michigan	4.6	0.10	(17)	4.5	West Virginia	4.7	0.21	(16)	6.8
Minnesota	4.3	0.14	(26)	-2.3	Wisconsin	4.6	0.13	(20)	4.5
Mississippi	3.6 ^{⊕*}	0.17	(48)	-18.2	Wyoming	4.0	0.44	(35)	-9.1
Missouri	3.9 [⊕]	0.12	(42)	-11.4					

ä 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.

SE Standard error of the rate.

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

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

⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table XXVI-12
URINARY BLADDER CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^ä RATES BY STATE, 1995-99

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	7.7	0.04		
High Five States				
Delaware	10.8*	0.94	(01)	40.3
Maine	10.6⊕*	0.65	(02)	37.7
New Jersey	9.3⊕*	0.25	(03)	20.8
Massachusetts	9.3⊕*	0.28	(04)	20.8
New Hampshire	9.0*	0.66	(05)	16.9
Low Five States				
Colorado	6.5⊕*	0.33	(47)	-15.6
Utah	6.4*	0.48	(48)	-16.9
Mississippi	6.4*	0.37	(49)	-16.9
New Mexico	6.0*	0.46	(50)	-22.1
Hawaii	3.9⊕*	0.39	(51)	-49.4

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	6.6	0.30	(44)	-14.3	Montana	8.3	0.67	(14)	7.8
Alaska	7.7	1.36	(22)	0.0	Nebraska	6.7	0.44	(41)	-13.0
Arizona	6.9	0.28	(38)	-10.4	Nevada	8.8	0.59	(07)	14.3
Arkansas	6.5*	0.35	(46)	-15.6	New Hampshire	9.0*	0.66	(05)	16.9
California	7.1⊕	0.12	(30)	-7.8	New Jersey	9.3⊕*	0.25	(03)	20.8
Colorado	6.5⊕*	0.33	(47)	-15.6	New Mexico	6.0*	0.46	(50)	-22.1
Connecticut	8.8	0.36	(08)	14.3	New York	8.6⊕	0.16	(11)	11.7
Delaware	10.8*	0.94	(01)	40.3	North Carolina	7.1	0.24	(31)	-7.8
District of Columbia	6.6	0.81	(43)	-14.3	North Dakota	7.2	0.69	(29)	-6.5
Florida	7.7	0.14	(23)	0.0	Ohio	8.7⊕	0.21	(09)	13.0
Georgia	6.7⊕	0.26	(42)	-13.0	Oklahoma	7.0	0.33	(35)	-9.1
Hawaii	3.9⊕*	0.39	(51)	-49.4	Oregon	8.1	0.35	(16)	5.2
Idaho	7.7	0.59	(21)	0.0	Pennsylvania	8.7⊕	0.18	(10)	13.0
Illinois	7.7	0.19	(20)	0.0	Rhode Island	8.1	0.61	(17)	5.2
Indiana	8.3	0.28	(13)	7.8	South Carolina	6.7	0.33	(40)	-13.0
Iowa	7.6	0.34	(24)	-1.3	South Dakota	7.0	0.65	(33)	-9.1
Kansas	6.8	0.36	(39)	-11.7	Tennessee	6.9	0.27	(37)	-10.4
Kentucky	7.5	0.33	(25)	-2.6	Texas	6.5⊕*	0.15	(45)	-15.6
Louisiana	7.0	0.32	(36)	-9.1	Utah	6.4*	0.48	(48)	-16.9
Maine	10.6⊕*	0.65	(02)	37.7	Vermont	8.9*	0.93	(06)	15.6
Maryland	8.4	0.33	(12)	9.1	Virginia	7.0	0.27	(34)	-9.1
Massachusetts	9.3⊕*	0.28	(04)	20.8	Washington	7.4	0.27	(27)	-3.9
Michigan	8.0	0.22	(18)	3.9	West Virginia	7.9	0.46	(19)	2.6
Minnesota	7.5	0.29	(26)	-2.6	Wisconsin	8.1	0.28	(15)	5.2
Mississippi	6.4*	0.37	(49)	-16.9	Wyoming	7.4	0.95	(28)	-3.9
Missouri	7.0	0.26	(32)	-9.1					

ä 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.

SE Standard error of the rate.

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

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

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

Table XXVI-13
URINARY BLADDER CANCER (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH^ä RATES BY STATE, 1995-99

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	2.4	0.02							
High Five States									
Delaware	3.7*	0.42	(01)	54.2					
New Hampshire	3.3*	0.32	(02)	37.5					
District of Columbia	3.3*	0.43	(03)	37.5					
Alaska	3.2*	0.74	(04)	33.3					
Vermont	3.1*	0.43	(05)	29.2					
Low Five States									
New Mexico	1.8*	0.21	(47)	-25.0					
South Dakota	1.8*	0.28	(48)	-25.0					
Wyoming	1.7*	0.38	(49)	-29.2					
North Dakota	1.7*	0.28	(50)	-29.2					
Hawaii	1.4⊕*	0.22	(51)	-41.7					
Alabama	1.8⊕*	0.12	(46)	-25.0	Montana	2.0*	0.28	(38)	-16.7
Alaska	3.2*	0.74	(04)	33.3	Nebraska	2.0*	0.19	(41)	-16.7
Arizona	2.4	0.14	(22)	0.0	Nevada	2.6	0.26	(16)	8.3
Arkansas	2.5	0.17	(17)	4.2	New Hampshire	3.3*	0.32	(02)	37.5
California	2.2⊕	0.05	(33)	-8.3	New Jersey	2.8⊕*	0.10	(08)	16.7
Colorado	2.0*	0.15	(37)	-16.7	New Mexico	1.8*	0.21	(47)	-25.0
Connecticut	2.6	0.15	(14)	8.3	New York	2.7⊕	0.07	(12)	12.5
Delaware	3.7*	0.42	(01)	54.2	North Carolina	2.3	0.10	(30)	-4.2
District of Columbia	3.3*	0.43	(03)	37.5	North Dakota	1.7*	0.28	(50)	-29.2
Florida	2.3	0.06	(25)	-4.2	Ohio	2.6	0.09	(15)	8.3
Georgia	2.3	0.11	(29)	-4.2	Oklahoma	2.0*	0.14	(42)	-16.7
Hawaii	1.4⊕*	0.22	(51)	-41.7	Oregon	2.2	0.15	(32)	-8.3
Idaho	2.0*	0.25	(40)	-16.7	Pennsylvania	2.6	0.08	(13)	8.3
Illinois	2.4	0.08	(21)	0.0	Rhode Island	3.0*	0.29	(07)	25.0
Indiana	2.5	0.12	(19)	4.2	South Carolina	2.5	0.16	(18)	4.2
Iowa	1.8⊕*	0.13	(44)	-25.0	South Dakota	1.8*	0.28	(48)	-25.0
Kansas	2.1	0.16	(34)	-12.5	Tennessee	2.2	0.12	(31)	-8.3
Kentucky	2.3	0.14	(26)	-4.2	Texas	2.1⊕	0.07	(35)	-12.5
Louisiana	2.4	0.14	(24)	0.0	Utah	1.8*	0.21	(45)	-25.0
Maine	2.7	0.26	(10)	12.5	Vermont	3.1*	0.43	(05)	29.2
Maryland	3.1⊕*	0.15	(06)	29.2	Virginia	2.4	0.12	(23)	0.0
Massachusetts	2.7	0.11	(11)	12.5	Washington	2.1	0.12	(36)	-12.5
Michigan	2.5	0.09	(20)	4.2	West Virginia	2.8*	0.21	(09)	16.7
Minnesota	2.3	0.13	(28)	-4.2	Wisconsin	2.3	0.12	(27)	-4.2
Mississippi	2.0*	0.16	(43)	-16.7	Wyoming	1.7*	0.38	(49)	-29.2
Missouri	2.0*	0.11	(39)	-16.7					

ä 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.

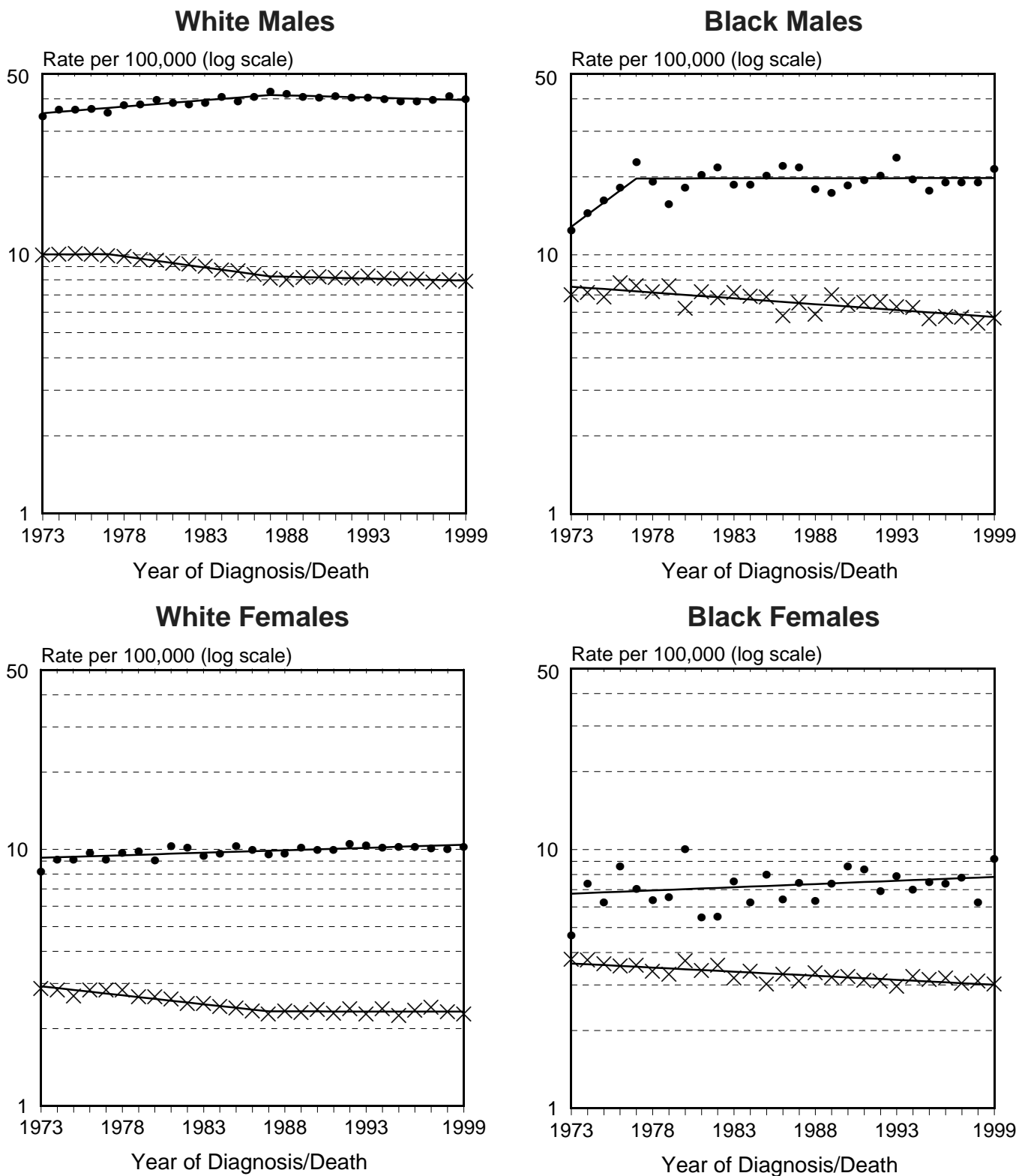
SE Standard error of the rate.

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

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

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

SEER Incidence and U.S. Death Rates⁺ Urinary Bladder



• Incidence × Mortality

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