

Table XXVI-1
URINARY BLADDER CANCER

TRENDS IN SEER INCIDENCE (Invasive and In Situ) AND U.S. MORTALITY, BY RACE AND SEX

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>INCIDENCE TRENDS (expressed in percents):</u>									
<u>1973-95</u>									
All Ages									
Percent Change (PC)	9.9	8.9	13.7	13.3	11.0	18.4	22.1	34.3	9.8
Est. Annual PC (EAPC)	0.5★	0.5★	0.5★	0.7★	0.6★	0.7★	0.7★	1.0★	0.5
Under 65									
Percent Change (PC)	-0.6	-2.3	5.7	2.4	-1.5	12.9	16.7	43.3	-27.7
Est. Annual PC (EAPC)	0.2	0.2	0.2	0.3★	0.2	0.5★	0.6	1.2★	-0.8
65 and over									
Percent Change (PC)	16.4	14.9	18.6	20.3	17.8	21.9	24.9	29.6	28.6
Est. Annual PC (EAPC)	0.7★	0.7★	0.7★	0.9★	0.8★	0.8★	0.7★	0.9	1.0
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	2.6	3.1	2.3	3.4	4.0	3.1	-3.1	2.5	-11.9
Est. Annual PC (EAPC)	0.9	0.9	1.0	1.2	1.2	1.3	-0.6	0.2	-1.5
<u>1991-95 - ALL AGES</u>									
Percent Change (PC)	-2.0	-3.0	-1.5	-1.8	-3.2	-0.8	-4.6	-4.6	-8.5
Est. Annual PC (EAPC)	-0.6	-1.1◆	-0.2	-0.6◇	-1.2★◆	0.1	-1.7	-1.3	-3.7
<u>MORTALITY TRENDS (expressed in percents)*:</u>									
<u>1973-95</u>									
All Ages									
Percent Change (PC)	-23.5	-23.1	-21.0	-22.2	-22.2	-19.8	-25.7	-23.6	-23.5
Est. Annual PC (EAPC)	-1.4★	-1.4★	-1.2★	-1.4★	-1.4★	-1.2★	-1.4★	-1.3★	-1.2★
Under 65									
Percent Change (PC)	-32.3	-33.3	-31.1	-29.2	-31.0	-26.7	-47.2	-42.6	-52.4
Est. Annual PC (EAPC)	-1.8★	-1.8★	-1.7★	-1.6★	-1.6★	-1.5★	-2.7★	-2.5★	-2.9★
65 and over									
Percent Change (PC)	-21.0	-20.5	-18.1	-20.3	-20.1	-17.9	-16.5	-15.8	-10.7
Est. Annual PC (EAPC)	-1.3★	-1.3★	-1.1★	-1.3★	-1.3★	-1.1★	-1.0★	-0.9★	-0.7★
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	-4.7	-4.8	-2.2	-4.6	-4.9	-1.7	-4.3	-1.3	-6.5
Est. Annual PC (EAPC)	-1.6	-1.6★	-0.8	-1.6	-1.7★	-0.6	-1.0	0.5	-2.4★
<u>1991-95 - ALL AGES</u>									
Percent Change (PC)	-0.6	-1.1	-1.2	0.1	-0.4	-0.8	-4.9	-9.2	-0.5
Est. Annual PC (EAPC)	-0.3	-0.5◇	-0.5	-0.1◇	-0.2◆	-0.3	-1.9	-3.6★◇	-0.2◇

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.
SEER Program.
NCHS public use tape.
★ The EAPC is significantly different from zero (p<.05).
◆ The EAPC for 1991-95 is significantly different from the EAPC for 1975-79 (p<.05).
◇ The EAPC for 1991-95 is significantly different from the EAPC for 1975-79 (p<.10).
Statistic could not be calculated.

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	14.6	25.6	6.3	15.4	27.3	6.5	7.0	10.6	4.0
1974	15.8	27.3	7.1	16.5	28.9	7.3	8.7	12.0	5.8
1975	15.5	27.1	7.1	16.3	28.8	7.3	8.7	13.4	5.0
1976	15.8	27.1	7.5	16.6	28.9	7.8	9.9	14.3	6.8
1977	15.3	26.5	7.0	16.1	28.2	7.3	10.6	17.8	5.3
1978	16.1	27.9	7.5	16.9	29.8	7.7	9.4	15.4	5.0
1979	16.1	27.9	7.5	17.1	30.1	7.8	8.7	13.0	5.4
1980	16.5	29.4	7.1	17.4	31.5	7.3	10.6	14.5	7.8
1981	16.7	29.0	7.7	17.7	30.9	8.1	9.7	16.5	4.9
1982	16.1	28.1	7.6	17.2	30.0	8.1	9.6	17.0	4.3
1983	16.3	28.7	7.2	17.3	30.8	7.5	10.1	15.4	6.3
1984	16.9	30.0	7.3	18.1	32.4	7.6	9.3	15.5	4.8
1985	16.8	28.9	8.0	17.9	31.2	8.3	10.6	16.3	6.6
1986	17.1	30.0	7.7	18.3	32.3	8.1	10.3	17.8	5.0
1987	17.5	31.4	7.3	18.7	33.9	7.6	10.7	17.3	6.2
1988	16.9	30.2	7.2	18.5	33.2	7.9	8.6	14.4	4.4
1989	17.0	29.7	7.6	18.4	32.4	8.1	9.1	13.9	5.7
1990	17.1	29.9	7.7	18.3	32.4	8.0	10.5	15.5	7.1
1991	16.9	29.7	7.6	18.4	32.4	8.0	10.0	15.1	6.6
1992	17.2	29.7	7.9	18.5	32.0	8.5	10.0	16.7	5.3
1993	17.3	29.9	7.9	18.5	32.0	8.4	11.0	18.2	6.2
1994	16.9	29.3	7.6	18.3	31.7	8.2	9.8	15.8	5.5
1995	16.5	28.3	7.7	17.9	30.6	8.2	9.3	14.6	5.3
<u>AGE-ADJUSTED RATES, 1991-95</u>									
<u>AGE AT DIAGNOSIS:</u>									
All ages	17.0	29.3	7.7	18.3	31.7	8.3	10.0	16.1	5.8
Under 65	6.5	10.2	3.1	7.1	11.0	3.4	3.8	6.1	1.9
65 and over	112.2	203.7	50.2	120.3	220.6	52.7	67.1	107.2	41.5
All ages (world std.) ⁸	12.9	22.0	5.9	14.0	23.8	6.3	7.5	12.0	4.2
<u>AGE-SPECIFIC RATES, 1991-95</u>									
<u>AGE AT DIAGNOSIS:</u>									
0-4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2
5-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.0	0.2
20-24	0.3	0.5	0.1	0.3	0.5	0.2	0.2	0.2	0.2
25-29	0.5	0.6	0.4	0.6	0.7	0.5	0.1	0.2	0.0
30-34	1.1	1.7	0.5	1.1	1.7	0.5	0.8	1.4	0.3
35-39	2.1	3.2	1.0	2.3	3.4	1.2	1.1	1.6	0.6
40-44	4.1	6.1	2.1	4.5	6.6	2.4	2.0	3.8	0.4
45-49	9.1	14.4	4.0	10.2	15.9	4.4	5.1	8.0	2.6
50-54	18.2	28.7	8.1	19.7	30.7	8.9	10.9	16.8	5.9
55-59	32.8	50.7	16.1	35.4	53.8	17.7	22.1	37.9	9.4
60-64	52.7	84.4	24.3	57.8	91.8	26.5	27.1	43.0	14.5
65-69	84.9	144.3	35.6	92.9	157.4	38.7	41.6	67.3	21.8
70-74	111.3	192.3	48.9	119.9	208.8	51.1	67.6	108.9	38.8
75-79	130.5	236.3	58.3	138.9	254.8	60.4	84.8	129.8	56.7
80-84	150.0	294.0	69.0	158.1	315.9	71.6	94.2	156.8	61.1
85+	137.8	300.0	73.8	143.7	324.1	75.7	98.1	153.2	74.2

⁸ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.
⁸ SEER Program. Rates are per 100,000 and are age-adjusted to the world standard population.

Table XXVI-3
URINARY BLADDER CANCER (Invasive)

U.S. MORTALITY 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 DEATH:</u>									
1973	4.2	7.2	2.1	4.2	7.4	2.1	4.1	5.6	3.0
1974	4.2	7.2	2.1	4.2	7.4	2.0	4.1	5.7	3.0
1975	4.1	7.2	2.0	4.1	7.4	1.9	3.9	5.4	2.8
1976	4.1	7.2	2.1	4.2	7.4	2.0	4.1	6.1	2.7
1977	4.1	7.1	2.1	4.1	7.3	2.0	4.0	5.8	2.8
1978	4.0	6.9	2.0	4.0	7.1	2.0	3.9	5.6	2.7
1979	3.8	6.7	1.9	3.9	6.9	1.9	3.8	5.8	2.5
1980	3.8	6.6	2.0	3.8	6.8	1.9	3.6	4.8	2.8
1981	3.7	6.5	1.9	3.7	6.6	1.8	3.8	5.5	2.6
1982	3.7	6.4	1.8	3.7	6.6	1.8	3.8	5.3	2.7
1983	3.6	6.3	1.8	3.6	6.4	1.8	3.6	5.4	2.4
1984	3.4	6.1	1.8	3.5	6.2	1.7	3.6	5.2	2.5
1985	3.4	6.0	1.7	3.4	6.2	1.7	3.4	5.1	2.3
1986	3.3	5.8	1.7	3.3	6.0	1.7	3.2	4.3	2.5
1987	3.2	5.6	1.6	3.2	5.8	1.6	3.3	4.8	2.3
1988	3.2	5.6	1.7	3.3	5.7	1.6	3.2	4.4	2.4
1989	3.3	5.7	1.7	3.3	5.9	1.6	3.4	5.1	2.4
1990	3.3	5.7	1.7	3.3	5.8	1.7	3.4	4.8	2.4
1991	3.2	5.6	1.7	3.3	5.8	1.6	3.3	4.8	2.3
1992	3.2	5.6	1.7	3.3	5.8	1.7	3.2	4.7	2.3
1993	3.3	5.7	1.7	3.3	5.9	1.6	3.1	4.6	2.2
1994	3.3	5.6	1.7	3.3	5.8	1.7	3.2	4.6	2.3
1995	3.2	5.5	1.6	3.3	5.7	1.6	3.0	4.1	2.3
<u>AGE-ADJUSTED RATES, 1991-95</u>									
<u>AGE AT DEATH:</u>									
All ages	3.2	5.6	1.7	3.3	5.8	1.6	3.1	4.5	2.3
Under 65	0.7	1.1	0.4	0.7	1.2	0.4	0.8	1.1	0.6
65 and over	26.1	46.5	13.7	26.6	48.2	13.5	24.4	36.0	17.9
All ages (world std.)N	2.3	3.9	1.2	2.3	4.0	1.1	2.2	3.2	1.6
<u>AGE-SPECIFIC RATES, 1991-95</u>									
<u>AGE AT DEATH:</u>									
0-4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5-9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15-19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20-24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25-29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30-34	0.1	0.1	0.0	0.1	0.1	0.0	0.1	0.1	0.1
35-39	0.1	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.1
40-44	0.4	0.5	0.2	0.3	0.5	0.2	0.6	0.7	0.5
45-49	0.8	1.2	0.5	0.9	1.2	0.5	0.8	1.1	0.5
50-54	1.8	2.7	0.9	1.7	2.7	0.8	2.4	3.2	1.7
55-59	3.7	5.6	1.9	3.7	5.8	1.7	4.1	5.6	2.9
60-64	7.1	11.3	3.3	7.2	11.7	3.2	6.9	9.7	4.7
65-69	12.5	20.4	6.0	12.8	21.3	5.8	11.4	15.2	8.6
70-74	20.0	33.6	9.7	20.4	34.7	9.4	19.8	27.3	14.7
75-79	30.7	52.9	15.8	31.2	54.5	15.6	28.8	44.4	19.4
80-84	46.5	86.4	24.6	47.2	89.0	24.2	44.0	68.3	31.4
85+	68.6	137.4	42.0	69.9	143.4	41.9	61.2	93.4	47.8

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

N NCHS public use tape. Rates are per 100,000 and are age-adjusted to the world standard population.

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	72.3	73.5	69.0	73.5	74.3	71.3	47.2	53.6	36.4↑
1977-79 ^b	74.9	76.6	70.4	75.8	77.0	72.5	55.1	62.9	40.3↑
1980-82 ^b	78.0	79.2	74.7	78.9	79.9	76.0	58.2	62.4	49.8↑
1983-85 ^b	78.6	80.4	73.6	79.3	80.7	75.1	59.1	64.3	49.6↑
1986-88 ^b	81.5	83.5	75.7	82.5	84.4	77.0	61.8	67.5	49.1↑
1989-94 ^b	82.3 S	85.4 S	74.0 S	83.6 S	86.3 S	75.9 S	62.2 S	66.5 S	54.7 S
1989-94 ^b									
ALL STAGES	82.3	85.4	74.0	83.6	86.3	75.9	62.2	66.5	54.7
LOCALIZED	95.1	96.3	91.5	95.7	96.8	92.1	85.2	86.0	83.4↑
REGIONAL	50.1	53.4	42.0	50.5	53.8	42.4	42.9	40.4↑	43.3↑
DISTANT	5.7	6.4	5.0	6.5	7.2	5.5	0.0	0.0	0.0
UNSTAGED	60.7	68.5	45.0	63.5	70.1	49.2	36.9↑	51.5↑	19.7↑
STAGE DISTRIBUTION (%) 1989-94^b									
ALL STAGES									
Number of cases	22,259	16,538	5,721	20,650	15,456	5,194	983	626	357
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	73	75	68	74	76	69	55	61	46
REGIONAL	19	18	21	18	18	20	25	24	28
DISTANT	3	3	5	3	2	5	9	6	13
UNSTAGED	5	4	6	5	4	6	11	9	13
5-YR RELATIVE SURVIVAL RATES, 1989-94^b									
AGE AT DIAGNOSIS:									
<45	91.5	92.6	88.6	93.5	94.1	92.0	75.1↑	78.7↑	-
45-54	88.1	89.1	84.8	88.8	89.2	87.0	71.5↑	80.6↑	52.6↑
55-64	86.3	87.8	81.5	87.7	88.9	83.5	61.9↑	65.1↑	53.9↑
65-74	83.8	87.4	72.7	84.8	88.1	73.2	62.7	63.7↑	60.2↑
75+	73.1	76.9	65.8	74.7	77.9	68.4	52.3↑	54.4↑	46.8↑
Under 65	87.4	88.6	83.4	88.7	89.6	85.7	66.5	71.1	55.5↑
65 and over	79.3	83.4	69.2	80.6	84.4	70.7	59.2	61.9	53.8

^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 Program. 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 through 1995.

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The difference in rates between 1974-76 and 1989-94 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.

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Statistic could not be calculated.

Table XXVI-5
URINARY BLADDER CANCERINCIDENCE (Invasive and In Situ), MORTALITY, AND SURVIVAL RATES (Invasive and In Situ)

By Year of Diagnosis/Death

All Races, Males and Females

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	15.5	15.8	15.3	16.1	16.1	16.5	16.7	16.1	16.3	16.9	16.8	17.1	17.5	16.9	17.0	17.1	16.9	17.2	17.3	16.9	16.5
Mortality																					
U.S.	4.1	4.1	4.1	4.0	3.8	3.8	3.7	3.7	3.6	3.4	3.4	3.3	3.2	3.2	3.3	3.3	3.2	3.2	3.3	3.3	3.2
SEER	4.3	4.2	4.0	4.0	3.8	3.7	3.6	3.5	3.4	3.6	3.3	3.2	2.9	3.2	3.0	3.2	3.2	3.1	3.2	3.0	3.0
Relative Survival Rates (SEER)																					
1-year	86.4	86.8	87.5	87.7	87.9	88.9	89.7	89.1	89.4	89.6	89.2	90.7	90.6	91.4	91.7	90.5	90.7	90.6	91.0	91.3	
2-year	79.6	80.3	81.5	82.3	81.6	83.5	85.5	83.7	84.3	84.5	84.6	86.3	86.4	86.6	87.5	86.9	86.3	86.0	86.8		
3-year	76.6	77.6	78.4	79.3	78.4	79.7	83.7	80.5	81.3	82.7	81.8	83.5	84.2	85.0	85.0	84.3	84.5	83.7			
4-year	74.4	74.6	75.9	77.3	76.1	77.1	81.3	79.1	79.3	80.7	79.3	81.9	82.8	83.6	83.7	83.2	83.4				
5-year	72.3	73.1	73.5	75.9	75.1	75.7	80.5	77.7	78.1	79.2	78.4	80.5	82.0	81.9	82.4	82.8					
6-year	70.6	71.6	72.4	74.4	73.8	74.5	79.3	76.3	76.7	78.6	77.8	80.1	80.3	80.5	81.5						
7-year	69.1	69.6	70.2	73.1	72.8	73.9	78.4	75.1	75.9	77.9	77.1	79.5	79.6	79.5							
8-year	67.8	68.0	68.7	72.3	72.8	73.4	77.8	74.8	74.2	77.4	76.6	78.7	78.3								
9-year	67.1	67.0	67.8	70.5	72.1	72.9	76.3	74.0	72.5	76.9	76.4	78.2									
10-year	65.7	65.5	66.6	68.6	71.6	72.6	75.0	74.0	71.7	76.3	75.4										
11-year	65.5	64.2	64.4	67.4	70.8	72.2	74.4	73.5	71.0	75.4											
12-year	65.3	63.5	63.6	67.3	70.1	71.9	72.9	72.4	71.0												
13-year	65.3	63.5	62.8	67.0	68.4	71.8	72.5	71.5													
14-year	65.3	63.5	62.0	66.2	67.4	71.0	71.1														
15-year	64.5	63.5	61.7	65.6	66.7	70.8															
16-year	64.0	63.5	61.7	64.8	65.8																
17-year	62.5	63.4	61.7	64.8																	
18-year	62.2	63.4	61.7																		
19-year	61.6	63.4																			
20-year	61.6																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Survival rates are relative rates expressed as percents.

Table XXVI-6
URINARY BLADDER CANCERINCIDENCE (Invasive and In Situ), MORTALITY, AND SURVIVAL RATES (Invasive and In Situ)

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	27.1	27.1	26.5	27.9	27.9	29.4	29.0	28.1	28.7	30.0	28.9	30.0	31.4	30.2	29.7	29.9	29.7	29.7	29.9	29.3	28.3
Mortality																					
U.S.	7.2	7.2	7.1	6.9	6.7	6.6	6.5	6.4	6.3	6.1	6.0	5.8	5.6	5.6	5.7	5.7	5.6	5.6	5.7	5.6	5.5
SEER	7.4	7.2	6.4	7.0	6.5	6.7	6.4	6.3	6.0	6.4	6.0	5.5	5.3	5.4	5.3	5.4	5.3	5.1	5.5	5.0	5.2
Relative Survival Rates (SEER)																					
1-year	88.4	88.2	90.3	90.0	89.6	90.9	91.8	89.4	91.0	90.0	91.1	92.1	92.5	92.8	93.7	92.7	92.2	92.3	92.7	93.2	
2-year	81.2	82.3	84.9	84.3	83.0	85.9	87.9	84.3	86.0	85.7	86.5	87.7	88.6	88.0	90.1	89.4	88.5	88.4	89.2		
3-year	77.7	79.7	81.9	80.7	79.8	81.8	86.2	81.1	83.0	83.9	83.9	84.8	86.2	86.9	88.0	87.1	87.1	86.7			
4-year	75.3	76.8	79.2	78.6	77.2	78.7	83.7	79.5	81.4	82.1	81.2	83.0	85.0	85.7	86.7	86.0	86.2				
5-year	72.6	74.6	76.3	77.1	76.3	77.1	82.5	77.9	80.0	81.0	80.2	81.9	84.5	84.1	85.7	86.0					
6-year	71.1	72.7	75.1	75.8	74.6	76.2	81.3	76.0	78.9	80.5	79.8	81.3	83.1	83.0	84.2						
7-year	69.5	70.3	72.9	74.3	73.6	75.2	80.5	74.9	78.1	80.5	79.0	80.4	82.3	82.3							
8-year	67.9	68.6	70.9	73.1	73.6	74.5	79.6	74.8	76.8	80.1	78.3	79.7	80.7								
9-year	66.6	67.3	69.8	71.5	73.1	74.3	78.3	73.8	75.4	79.6	78.3	79.0									
10-year	65.2	65.3	68.8	69.2	72.8	74.1	77.0	73.8	74.7	79.4	77.4										
11-year	65.1	64.0	66.1	67.8	71.6	73.9	75.9	73.8	74.0	79.0											
12-year	64.6	63.5	65.5	67.2	70.9	73.7	74.0	72.7	74.0												
13-year	64.6	63.4	65.2	66.4	69.3	73.7	73.7	71.9													
14-year	64.6	63.4	64.6	65.5	68.2	73.3	71.5														
15-year	64.1	63.4	64.6	64.8	68.1	73.1															
16-year	63.8	63.4	64.2	63.5	66.6																
17-year	62.4	62.7	64.2	63.5																	
18-year	61.1	62.7	64.2																		
19-year	61.1	62.7																			
20-year	61.1																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
Survival rates are relative rates expressed as percents.

Table XXVI-7
URINARY BLADDER CANCERINCIDENCE (Invasive and In Situ), MORTALITY, AND SURVIVAL RATES (Invasive and In Situ)

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
Incidence																					
SEER	7.1	7.5	7.0	7.5	7.5	7.1	7.7	7.6	7.2	7.3	8.0	7.7	7.3	7.2	7.6	7.7	7.6	7.9	7.9	7.6	7.7
Mortality																					
U.S.	2.0	2.1	2.1	2.0	1.9	2.0	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.6
SEER	2.2	2.1	2.4	2.0	2.0	1.8	1.9	1.7	1.8	1.8	1.6	1.7	1.4	1.7	1.5	1.8	1.7	1.8	1.7	1.8	1.5
Relative Survival Rates (SEER)																					
1-year	80.7	82.9	79.6	81.0	83.4	83.0	83.9	88.1	84.7	88.4	84.0	86.8	85.0	87.1	86.0	84.1	86.3	85.8	86.3	85.7	
2-year	75.2	75.0	72.0	76.9	77.8	76.2	79.0	82.1	79.3	81.2	79.6	82.3	79.8	82.4	80.0	79.6	79.8	79.2	80.0		
3-year	73.6	72.2	68.7	75.6	74.7	73.4	76.4	79.0	76.3	79.2	76.3	80.2	78.3	79.4	76.5	76.0	77.1	75.4			
4-year	72.0	68.9	66.9	73.8	73.1	72.7	74.9	77.9	73.1	76.7	74.6	78.9	76.4	77.5	75.3	74.9	75.8				
5-year	71.4	68.9	66.2	72.7	72.0	71.9	74.7	77.2	72.5	74.3	73.8	76.8	74.6	75.5	73.5	73.6					
6-year	69.3	68.7	65.2	70.7	71.8	69.9	73.7	77.0	70.2	73.1	72.7	76.7	72.4	73.3	73.5						
7-year	67.9	67.9	62.9	70.0	70.8	69.9	72.4	75.6	69.4	70.0	72.5	76.7	71.7	71.8							
8-year	67.4	66.5	62.9	70.0	70.8	69.9	72.4	74.7	66.6	69.6	72.3	75.9	71.3								
9-year	67.4	66.3	62.8	68.2	69.6	69.0	70.7	74.4	64.3	69.4	71.3	75.9									
10-year	67.1	66.1	61.0	67.3	68.6	68.5	69.6	74.4	63.0	67.6	70.5										
11-year	66.5	64.8	60.3	66.5	68.6	67.6	69.6	72.9	62.7	65.4											
12-year	66.5	63.6	58.7	66.5	68.0	67.4	69.6	71.9	62.5												
13-year	66.5	63.6	57.0	66.5	66.5	66.6	69.4	70.8													
14-year	65.7	63.6	55.6	66.5	65.4	65.3	69.4														
15-year	65.3	63.6	54.6	66.5	63.4	65.3															
16-year	64.4	63.6	54.6	66.5	63.4																
17-year	62.9	63.6	54.6	66.5																	
18-year	62.9	63.6	54.6																		
19-year	62.4	63.6																			
20-year	62.4																				

Note: Incidence and mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
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 With Cancer and
 Lifetime Risk (Percent) of Dying From Cancer

SEER Areas, 1993-95

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	3.37	0.00	0.00	0.00	1.17	
10	0.00	0.01	0.03	3.40	0.00	0.00	0.01	1.18	
20	0.01	0.03	0.12	3.43	0.00	0.01	0.04	1.19	
30	0.02	0.12	0.47	3.48	0.01	0.04	0.15	1.19	
40	0.10	0.46	1.38	3.55	0.03	0.14	0.40	1.19	
50	0.37	1.34	2.60	3.61	0.11	0.38	0.78	1.19	
60	1.06	2.43	3.34	3.53	0.28	0.70	1.04	1.13	
Lifetime Risk of Being Diagnosed =				3.37%	Lifetime Risk of Being Diagnosed =				1.17%
Lifetime Risk of Dying =				0.70%	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	3.71	0.00	0.00	0.00	1.26	
10	0.00	0.01	0.03	3.75	0.00	0.00	0.01	1.26	
20	0.01	0.03	0.13	3.77	0.00	0.01	0.05	1.27	
30	0.02	0.13	0.50	3.81	0.01	0.04	0.17	1.27	
40	0.11	0.49	1.52	3.88	0.03	0.16	0.45	1.27	
50	0.40	1.47	2.84	3.92	0.13	0.42	0.84	1.26	
60	1.16	2.64	3.62	3.81	0.31	0.75	1.09	1.19	
Lifetime Risk of Being Diagnosed =				3.71%	Lifetime Risk of Being Diagnosed =				1.26%
Lifetime Risk of Dying =				0.77%	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	1.27	0.00	0.00	0.00	0.75	
10	0.00	0.00	0.02	1.30	0.00	0.00	0.01	0.77	
20	0.00	0.02	0.07	1.32	0.00	0.01	0.01	0.77	
30	0.02	0.07	0.27	1.37	0.00	0.01	0.07	0.77	
40	0.06	0.27	0.61	1.44	0.01	0.07	0.21	0.79	
50	0.24	0.61	1.16	1.53	0.06	0.21	0.51	0.82	
60	0.45	1.11	1.44	1.56	0.16	0.49	0.75	0.83	
Lifetime Risk of Being Diagnosed =				1.27%	Lifetime Risk of Being Diagnosed =				0.75%
Lifetime Risk of Dying =				0.35%	Lifetime Risk of Dying =				0.34%

Table XXVI-9
URINARY BLADDER CANCER

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

By Race/Ethnicity and Sex

Incidenceⁱ

	Rate 1990-1995 Rate per 100,000 persons			Trend 1990-1995 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	16.6	28.9	7.5	-0.9★	-1.3★	-0.5
White	18.0	31.4	8.0	-0.7★	-1.3★	0.0
White Hispanic	8.9	15.3	4.2	-3.2	-3.6	-3.2
White Non-Hispanic	18.9	33.0	8.4	-0.4	-1.0★	0.4
Black	10.1	15.9	6.1	-1.9	-1.2	-3.8★
Asian/Pacific Islander [‡]	7.4	12.3	3.4	0.4	2.5	-3.6
American Indian	-	-	-	-	-	-
Hispanic [⊙]	8.4	14.5	4.0	-3.3	-3.6★	-3.2

Mortality[❖]

	Rate 1990-1995 Rate per 100,000 persons			Trend 1990-1995 EAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	3.2	5.6	1.7	-0.3	-0.4	-0.6
White	3.3	5.8	1.7	-0.1	-0.2	-0.4
White Hispanic	1.7	2.9	0.9	-3.1	-3.5	-2.5
White Non-Hispanic	3.4	6.0	1.7	0.0	-0.1	-0.3
Black	3.2	4.6	2.3	-2.0★	-2.9★	-1.0
Asian/Pacific Islander [‡]	1.3	1.9	0.8	1.2	2.4	-0.5
American Indian	-	-	-	-	-	-
Hispanic [⊙]	1.6	2.8	0.8	-3.3	-3.4	-3.0

- The EAPC is the Estimated Annual Percent Change over the time interval.
- Statistic not shown. Rate based on less than 10 cases per year within the time interval.
- ⁱ Incidence data are from the 11 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles). Unless specified, other tables use data from 9 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, and Atlanta).
- [⊙] Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. For incidence, all 11 SEER areas are included. For mortality, information is included for all states except Connecticut, Oklahoma, Louisiana, and New Hampshire.
- [❖] Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).
- [‡] Population estimates for the Asian Pacific Islanders rates are adjusted Census Bureau estimates. The population estimates used in Wingo PA, Ries LAG, Rosenberg HM, Miller DS, Edwards BK. Cancer Incidence and mortality, 1973-1995. Cancer 82:1197-207, 1998 were unadjusted.
- [★] 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 MORTALITY RATES*
By Registry, Race and Sex

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>SEER INCIDENCE RATES§, 1991-95</u>									
REGISTRY									
11 registries	16.5	28.7	7.5	17.9	31.3	8.0	10.0	15.8	5.9
9 registries	17.0	29.3	7.7	18.3	31.7	8.3	10.0	16.1	5.8
San Francisco-Oakland	15.3	26.4	7.1	17.7	30.6	8.2	10.1	15.5	6.1
Connecticut	20.8	35.8	9.7	21.5	36.9	10.0	10.9	17.6	6.1
Metropolitan Detroit	19.3	33.8	9.0	21.1	37.2	9.7	10.8	17.7	6.0
Hawaii	11.5	19.0	4.8	21.6	36.5	7.6	-	-	-
Iowa	16.7	29.8	7.0	16.6	29.7	7.0	-	-	-
New Mexico	13.4	22.8	5.8	14.2	24.2	6.2	-	-	-
Seattle-Puget Sound	18.3	30.8	8.6	18.7	31.4	8.9	9.8	16.5	4.2
Utah	12.7	22.1	5.2	12.9	22.5	5.2	-	-	-
Metropolitan Atlanta	15.4	28.1	7.1	17.3	31.4	7.7	8.5	13.9	5.5
San Jose-Monterey	16.8	29.7	7.2	18.0	31.9	7.8	14.7	20.5	8.7
Los Angeles	15.1	26.6	6.7	16.7	29.7	7.2	9.7	15.0	6.2
<u>SEER MORTALITY RATES*, 1991-95</u>									
REGISTRY									
11 registries	3.1	5.2	1.7	3.3	5.6	1.7	3.0	4.2	2.3
9 registries	3.1	5.2	1.7	3.3	5.6	1.7	3.0	4.1	2.3
San Francisco-Oakland	2.8	4.7	1.6	3.0	5.3	1.6	2.9	3.2	2.7
Connecticut	3.6	6.1	2.0	3.6	6.2	2.0	3.8	5.0	2.9
Metropolitan Detroit	3.7	6.1	2.2	3.9	6.6	2.2	3.0	4.4	2.2
Hawaii	2.2	3.4	1.0	4.5	8.0	1.4	-	-	-
Iowa	3.1	5.5	1.6	3.1	5.5	1.6	-	-	-
New Mexico	2.5	4.3	1.1	2.6	4.4	1.2	-	-	-
Seattle-Puget Sound	3.2	5.4	1.7	3.3	5.6	1.8	2.2	3.3	1.4
Utah	2.3	3.9	1.2	2.3	4.0	1.2	-	-	-
Metropolitan Atlanta	2.9	5.1	1.6	2.8	5.2	1.4	3.1	4.6	2.3
San Jose-Monterey	2.8	4.6	1.6	3.1	5.1	1.7	2.8	5.4	1.2
Los Angeles	3.1	5.2	1.7	3.3	5.7	1.7	3.2	4.6	2.4

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 Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 * NCHS public use tape. Mortality rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 - Statistic could not be calculated or populations are inadequate.

Table XXVI-11
URINARY BLADDER CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1991-95

All Races, Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	3.2	0.01		
High Five States				
Delaware	4.3*	0.32	(01)	34.4
Vermont	4.0*	0.34	(02)	25.0
Maine	4.0*	0.22	(03)	25.0
New Jersey	3.9⊕*	0.09	(04)	21.9
Rhode Island	3.9*	0.24	(05)	21.9
Low Five States				
Mississippi	2.6⊕*	0.13	(47)	-18.8
Alabama	2.5⊕*	0.10	(48)	-21.9
New Mexico	2.5*	0.17	(49)	-21.9
Utah	2.3⊕*	0.16	(50)	-28.1
Hawaii	2.2⊕*	0.18	(51)	-31.3

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	2.5⊕*	0.10	(48)	-21.9	Montana	3.3	0.24	(19)	3.1
Alaska	3.0	0.47	(33)	-6.3	Nebraska	2.6*	0.15	(46)	-18.8
Arizona	3.2	0.11	(24)	0.0	Nevada	3.8*	0.23	(07)	18.8
Arkansas	3.0	0.13	(31)	-6.3	New Hampshire	3.9*	0.25	(06)	21.9
California	3.0	0.04	(32)	-6.3	New Jersey	3.9⊕*	0.09	(04)	21.9
Colorado	3.0	0.13	(34)	-6.3	New Mexico	2.5*	0.17	(49)	-21.9
Connecticut	3.6	0.13	(13)	12.5	New York	3.6⊕	0.06	(11)	12.5
Delaware	4.3*	0.32	(01)	34.4	North Carolina	2.9	0.08	(35)	-9.4
District of Columbia	3.3	0.30	(20)	3.1	North Dakota	2.8	0.24	(41)	-12.5
Florida	3.4	0.06	(17)	6.3	Ohio	3.6	0.07	(12)	12.5
Georgia	2.7⊕*	0.09	(43)	-15.6	Oklahoma	2.7⊕*	0.11	(45)	-15.6
Hawaii	2.2⊕*	0.18	(51)	-31.3	Oregon	3.1	0.12	(26)	-3.1
Idaho	2.8	0.21	(39)	-12.5	Pennsylvania	3.4	0.06	(15)	6.3
Illinois	3.3	0.07	(21)	3.1	Rhode Island	3.9*	0.24	(05)	21.9
Indiana	3.4	0.10	(16)	6.3	South Carolina	3.2	0.12	(22)	0.0
Iowa	3.1	0.12	(28)	-3.1	South Dakota	3.1	0.25	(29)	-3.1
Kansas	2.7*	0.13	(44)	-15.6	Tennessee	3.1	0.10	(30)	-3.1
Kentucky	3.1	0.12	(27)	-3.1	Texas	2.7⊕*	0.05	(42)	-15.6
Louisiana	2.9	0.11	(36)	-9.4	Utah	2.3⊕*	0.16	(50)	-28.1
Maine	4.0*	0.22	(03)	25.0	Vermont	4.0*	0.34	(02)	25.0
Maryland	3.7*	0.12	(08)	15.6	Virginia	3.1	0.09	(25)	-3.1
Massachusetts	3.6	0.10	(09)	12.5	Washington	3.2	0.10	(23)	0.0
Michigan	3.6	0.08	(10)	12.5	West Virginia	3.5	0.16	(14)	9.4
Minnesota	2.9	0.10	(38)	-9.4	Wisconsin	3.4	0.10	(18)	6.3
Mississippi	2.6⊕*	0.13	(47)	-18.8	Wyoming	2.8	0.33	(40)	-12.5
Missouri	2.9	0.09	(37)	-9.4					

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 SE Standard error of the rate.
 PD Percent difference between state rate and total U.S. rate.
 * Absolute 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 MORTALITY* RATES BY STATE, 1991-95

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	5.6	0.03		
High Five States				
Delaware	7.6*	0.68	(01)	35.7
Rhode Island	7.3*	0.51	(02)	30.4
Maine	7.3*	0.47	(03)	30.4
New Jersey	6.9⊕*	0.18	(04)	23.2
New Hampshire	6.9*	0.51	(05)	23.2
Low Five States				
Alabama	4.5⊕*	0.21	(47)	-19.6
New Mexico	4.3*	0.34	(48)	-23.2
Utah	3.9⊕*	0.33	(49)	-30.4
Alaska	3.8*	0.75	(50)	-32.1
Hawaii	3.4⊕*	0.34	(51)	-39.3

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	4.5⊕*	0.21	(47)	-19.6	Montana	6.1	0.50	(13)	8.9
Alaska	3.8*	0.75	(50)	-32.1	Nebraska	4.6*	0.32	(44)	-17.9
Arizona	5.4	0.22	(28)	-3.6	Nevada	6.6*	0.47	(07)	17.9
Arkansas	5.3	0.27	(32)	-5.4	New Hampshire	6.9*	0.51	(05)	23.2
California	5.2	0.09	(33)	-7.1	New Jersey	6.9⊕*	0.18	(04)	23.2
Colorado	5.3	0.27	(31)	-5.4	New Mexico	4.3*	0.34	(48)	-23.2
Connecticut	6.1	0.26	(14)	8.9	New York	6.2⊕	0.12	(10)	10.7
Delaware	7.6*	0.68	(01)	35.7	North Carolina	5.2	0.18	(34)	-7.1
District of Columbia	5.7	0.64	(22)	1.8	North Dakota	5.1	0.50	(36)	-8.9
Florida	5.7	0.11	(21)	1.8	Ohio	6.4⊕	0.15	(08)	14.3
Georgia	4.7*	0.19	(43)	-16.1	Oklahoma	4.5*	0.23	(46)	-19.6
Hawaii	3.4⊕*	0.34	(51)	-39.3	Oregon	5.6	0.25	(23)	0.0
Idaho	4.8	0.41	(39)	-14.3	Pennsylvania	6.2	0.13	(12)	10.7
Illinois	5.9	0.14	(19)	5.4	Rhode Island	7.3*	0.51	(02)	30.4
Indiana	6.1	0.21	(15)	8.9	South Carolina	5.3	0.26	(30)	-5.4
Iowa	5.5	0.25	(25)	-1.8	South Dakota	5.9	0.52	(20)	5.4
Kansas	4.7*	0.26	(41)	-16.1	Tennessee	5.5	0.21	(26)	-1.8
Kentucky	5.5	0.24	(24)	-1.8	Texas	4.7⊕*	0.11	(40)	-16.1
Louisiana	5.0	0.23	(38)	-10.7	Utah	3.9⊕*	0.33	(49)	-30.4
Maine	7.3*	0.47	(03)	30.4	Vermont	6.7*	0.69	(06)	19.6
Maryland	6.2	0.24	(11)	10.7	Virginia	5.4	0.20	(27)	-3.6
Massachusetts	6.4	0.20	(09)	14.3	Washington	5.4	0.21	(29)	-3.6
Michigan	6.0	0.16	(17)	7.1	West Virginia	6.1	0.34	(16)	8.9
Minnesota	5.1	0.21	(37)	-8.9	Wisconsin	6.0	0.21	(18)	7.1
Mississippi	4.6*	0.27	(45)	-17.9	Wyoming	4.7*	0.66	(42)	-16.1
Missouri	5.1	0.19	(35)	-8.9					

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
SE Standard error of the rate.
PD Percent difference between state rate and total U.S. rate.
* Absolute 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 MORTALITY* RATES BY STATE, 1991-95

All Races, Females

State	Rate	SE	Rank	PD
TOTAL U.S.	1.7	0.01		
High Five States				
Delaware	2.3*	0.30	(01)	35.3
Maryland	2.2*	0.12	(02)	29.4
Vermont	2.1*	0.32	(03)	23.5
New Jersey	2.1*	0.08	(04)	23.5
Alaska	2.0*	0.54	(05)	17.6
Low Five States				
Utah	1.2*	0.15	(47)	-29.4
New Mexico	1.1*	0.15	(48)	-35.3
North Dakota	1.1*	0.21	(49)	-35.3
South Dakota	1.1*	0.20	(50)	-35.3
Hawaii	1.0*	0.17	(51)	-41.2

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	1.3*	0.09	(44)	-23.5	Montana	1.4*	0.21	(43)	-17.6
Alaska	2.0*	0.54	(05)	17.6	Nebraska	1.3*	0.14	(45)	-23.5
Arizona	1.6	0.10	(33)	-5.9	Nevada	1.7	0.20	(21)	0.0
Arkansas	1.5	0.12	(34)	-11.8	New Hampshire	1.8	0.21	(16)	5.9
California	1.6	0.04	(28)	-5.9	New Jersey	2.1*	0.08	(04)	23.5
Colorado	1.4*	0.11	(42)	-17.6	New Mexico	1.1*	0.15	(48)	-35.3
Connecticut	2.0*	0.12	(08)	17.6	New York	2.0⊕*	0.05	(09)	17.6
Delaware	2.3*	0.30	(01)	35.3	North Carolina	1.6	0.08	(30)	-5.9
District of Columbia	1.9	0.28	(11)	11.8	North Dakota	1.1*	0.21	(49)	-35.3
Florida	1.7	0.05	(18)	0.0	Ohio	1.8	0.07	(13)	5.9
Georgia	1.6	0.09	(29)	-5.9	Oklahoma	1.5	0.11	(37)	-11.8
Hawaii	1.0*	0.17	(51)	-41.2	Oregon	1.5	0.11	(38)	-11.8
Idaho	1.4*	0.19	(41)	-17.6	Pennsylvania	1.7	0.06	(20)	0.0
Illinois	1.6	0.06	(26)	-5.9	Rhode Island	1.8	0.21	(14)	5.9
Indiana	1.8	0.09	(17)	5.9	South Carolina	1.9	0.12	(10)	11.8
Iowa	1.6	0.12	(25)	-5.9	South Dakota	1.1*	0.20	(50)	-35.3
Kansas	1.4*	0.12	(40)	-17.6	Tennessee	1.7	0.09	(23)	0.0
Kentucky	1.6	0.10	(32)	-5.9	Texas	1.5	0.05	(39)	-11.8
Louisiana	1.6	0.10	(27)	-5.9	Utah	1.2*	0.15	(47)	-29.4
Maine	1.8	0.19	(15)	5.9	Vermont	2.1*	0.32	(03)	23.5
Maryland	2.2*	0.12	(02)	29.4	Virginia	1.7	0.09	(19)	0.0
Massachusetts	2.0*	0.09	(07)	17.6	Washington	1.6	0.10	(24)	-5.9
Michigan	2.0*	0.08	(06)	17.6	West Virginia	1.9	0.15	(12)	11.8
Minnesota	1.5	0.09	(36)	-11.8	Wisconsin	1.7	0.09	(22)	0.0
Mississippi	1.2*	0.11	(46)	-29.4	Wyoming	1.6	0.33	(31)	-5.9
Missouri	1.5	0.08	(35)	-11.8					

* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 SE Standard error of the rate.
 PD Percent difference between state rate and total U.S. rate.
 * Absolute 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).

SEER Incidence and U.S. Mortality Urinary Bladder, Male By Race

White

Black

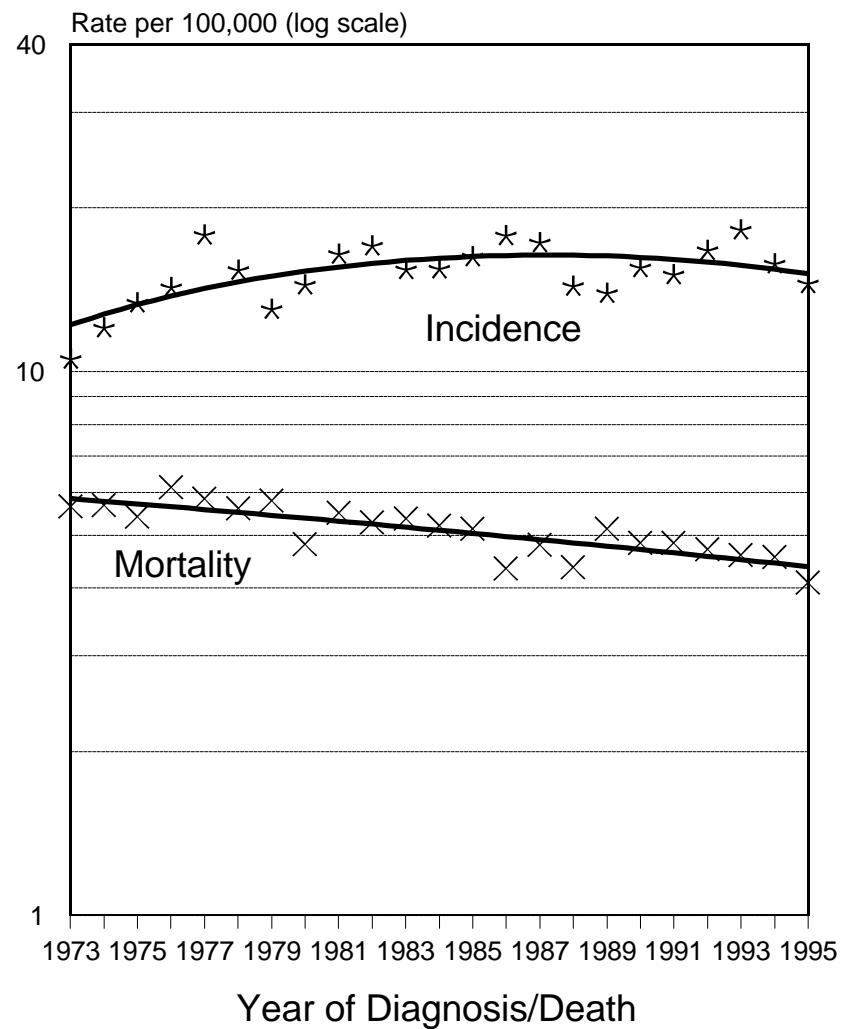
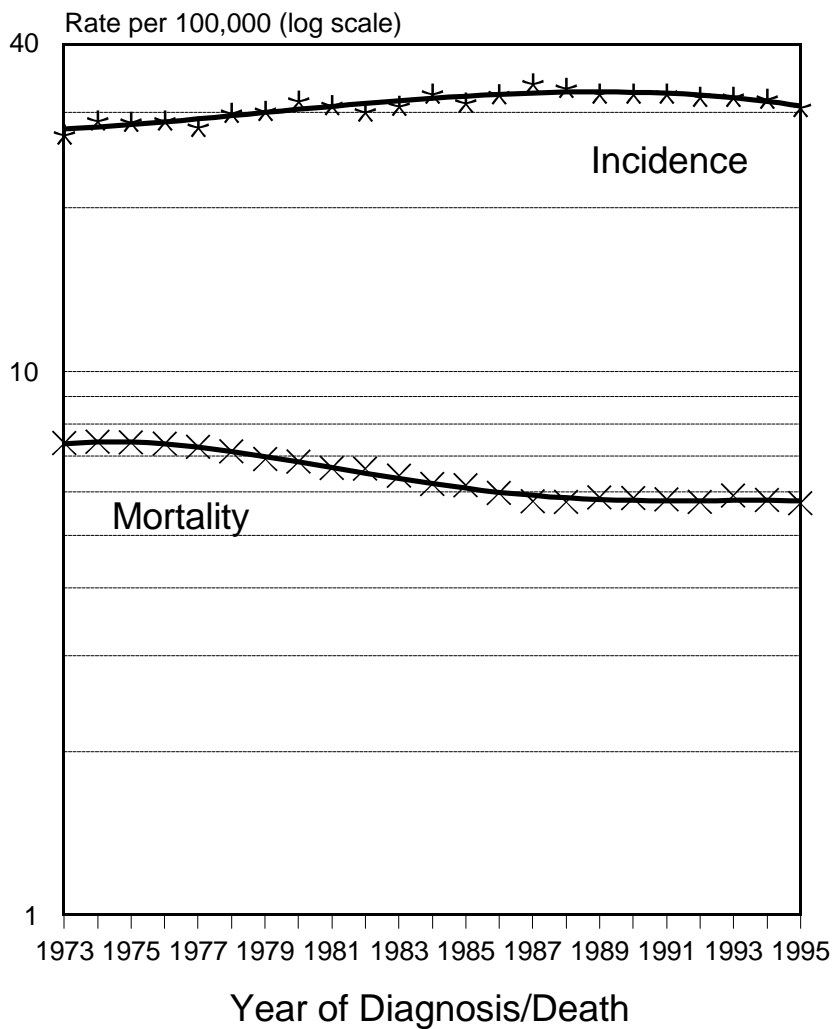


Figure XXVI-1

SEER Incidence and U.S. Mortality Urinary Bladder, Female By Race

White

Black

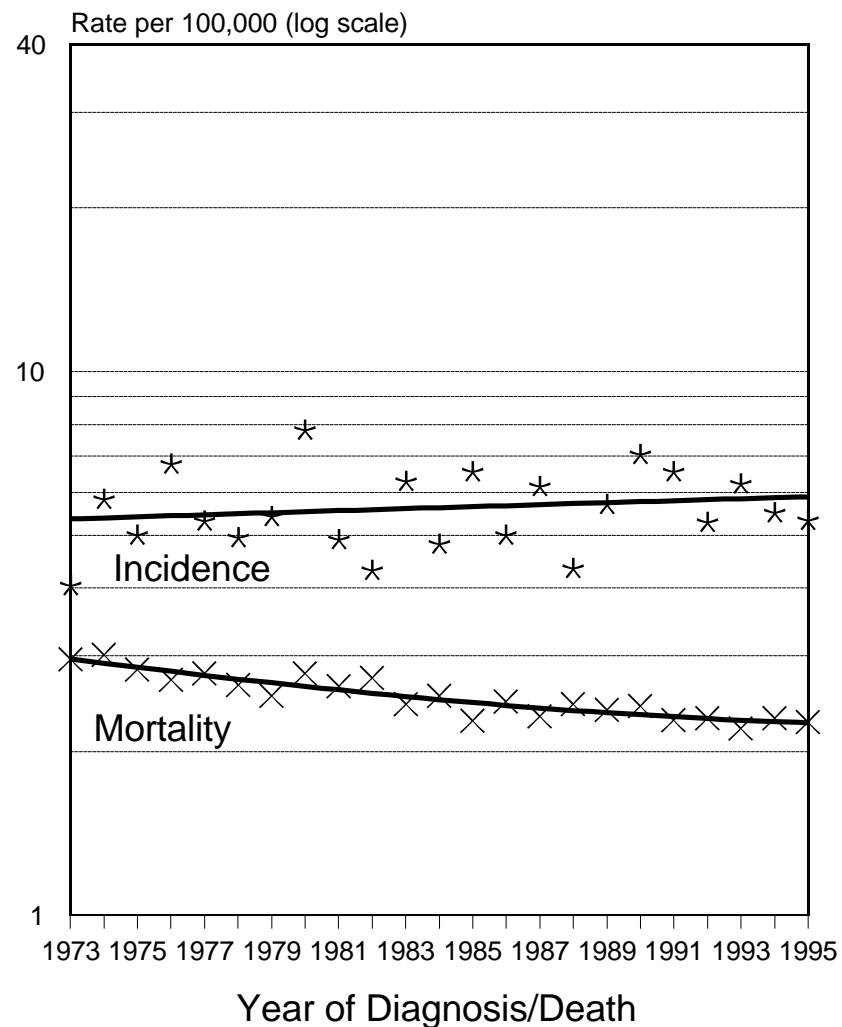
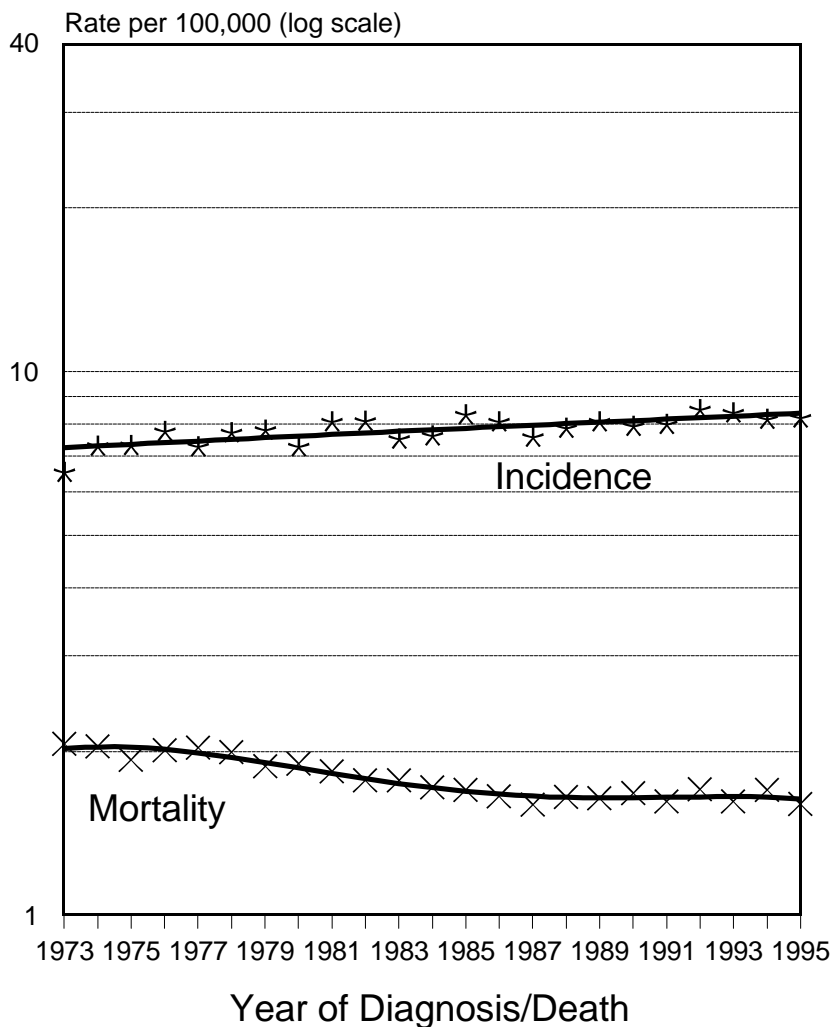


Figure XXVI-2