

Table XI-1
KIDNEY AND RENAL PELVIS CANCER (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	1975-1990	2.4 ^c	1990-2000	1.2 ^c				
All Races	Male	1975-1989	2.2 ^c	1989-2000	1.0 ^c				
All Races	Female	1975-1992	2.7 ^c	1992-2000	1.0				
White	Male and Female	1975-1990	2.4 ^c	1990-2000	1.1 ^c				
White	Male	1975-2000	1.6 ^c						
White	Female	1975-1992	2.8 ^c	1992-2000	0.7				
Black	Male and Female	1975-2000	2.9 ^c						
Black	Male	1975-2000	2.8 ^c						
Black	Female	1975-2000	3.3 ^c						
<u>SEER Delay-Adjusted Incidence^a</u>									
White	Male	1975-2000	1.7 ^c						
White	Female	1975-1991	2.8 ^c	1991-2000	1.3 ^c				
Black	Male	1975-2000	3.0 ^c						
Black	Female	1975-2000	3.5 ^c						
<u>U.S. Cancer Mortality^b</u>									
All Races	Male and Female	1975-1992	1.1 ^c	1992-2000	-0.3				
All Races	Male	1975-1991	1.1 ^c	1991-2000	-0.2				
All Races	Female	1975-1995	1.1 ^c	1995-2000	-1.6 ^c				
White	Male and Female	1975-1992	1.1 ^c	1992-2000	-0.2				
White	Male	1975-1992	1.0 ^c	1992-2000	-0.3				
White	Female	1975-1995	1.1 ^c	1995-2000	-1.4				
Black	Male and Female	1975-1991	2.7 ^c	1991-2000	-0.1				
Black	Male	1975-1990	3.0 ^c	1990-2000	0.1				
Black	Female	1975-1995	2.4 ^c	1995-2000	-2.3				

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 XI-2
KIDNEY AND RENAL PELVIS CANCER (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	7.1	10.3	4.5	7.3	10.8	4.6	6.2	8.2	4.3
1976	8.0	11.2	5.5	8.1	11.5	5.6	7.8	11.6	4.8
1977	8.1	11.4	5.5	8.1	11.7	5.5	8.5	11.1	6.4
1978	7.8	11.8	4.8	8.0	12.0	4.9	8.0	11.0	5.7
1979	7.6	11.1	5.0	7.8	11.6	5.1	7.3	8.2	6.3
1980	8.1	11.7	5.4	8.4	12.2	5.6	6.0	8.0	4.4
1981	8.5	12.8	5.3	8.6	13.0	5.3	9.9	15.8	5.7
1982	8.3	11.8	5.7	8.5	12.0	5.8	7.5	11.2	4.8
1983	8.9	13.2	5.7	9.2	13.8	5.8	8.8	13.6	5.5
1984	9.2	13.1	6.2	9.5	13.6	6.3	9.0	12.0	6.8
1985	8.9	13.1	5.8	9.2	13.6	5.9	8.6	11.7	6.2
1986	9.7	13.8	6.6	9.8	14.1	6.7	10.1	15.0	6.6
1987	9.9	14.1	6.7	10.1	14.4	6.9	11.1	15.6	7.5
1988	9.9	14.0	6.9	10.1	14.3	7.0	11.5	15.2	8.8
1989	10.3	14.5	7.1	10.6	15.0	7.2	10.9	15.1	8.0
1990	10.4	14.7	7.1	10.7	15.0	7.4	10.6	16.1	6.6
1991	10.6	15.0	7.2	10.8	15.2	7.4	12.2	18.3	7.6
1992	10.7	15.2	7.4	11.0	15.6	7.7	10.9	16.3	7.2
1993	10.7	14.6	7.6	10.8	14.7	7.7	12.7	17.3	9.4
1994	11.3	15.6	7.8	11.5	15.9	8.0	12.6	18.0	8.6
1995	11.1	15.5	7.6	11.1	15.4	7.7	14.3	21.7	9.3
1996	11.3	15.8	7.9	11.4	16.1	7.8	13.5	17.0	10.9
1997	10.8	15.0	7.5	10.9	15.0	7.6	13.4	19.3	9.1
1998	11.7	16.3	8.2	12.1	16.6	8.5	12.4	16.8	9.0
1999	11.2	15.6	7.8	11.5	15.9	7.9	13.5	18.3	10.0
2000	12.1	16.9	8.3	12.3	17.3	8.3	14.6	19.0	11.7
<u>AGE-ADJUSTED RATES, 1996-2000</u>									
AGE AT DIAGNOSIS:									
All ages	11.5	15.9	7.9	11.6	16.2	8.0	13.5	18.1	10.1
Under 65	6.0	8.0	4.1	6.1	8.1	4.1	7.6	9.8	5.8
65 and over	49.0	70.4	34.4	50.3	72.2	35.2	54.1	75.4	40.5
All ages (world std.) ^b	8.1	11.0	5.6	8.2	11.1	5.7	9.6	12.7	7.3
<u>AGE-SPECIFIC RATES, 1996-2000</u>									
AGE AT DIAGNOSIS:									
<1	1.9	-	-	-	-	-	-	-	-
1-4	2.3	2.0	2.5	2.4	2.3	2.6	2.2	-	-
5-9	0.6	-	0.7	0.5	-	-	-	-	-
10-14	-	-	-	-	-	-	-	-	-
15-19	-	-	-	-	-	-	-	-	-
20-24	-	-	-	-	-	-	-	-	-
25-29	0.5	-	-	0.5	-	-	-	-	-
30-34	1.3	1.3	1.2	1.2	1.4	1.0	2.1	-	-
35-39	2.7	3.0	2.5	2.7	2.9	2.4	3.9	4.3	3.5
40-44	5.6	7.2	4.0	5.6	7.3	3.9	7.4	9.0	6.0
45-49	9.5	13.2	5.9	9.6	13.3	6.0	10.4	15.3	6.2
50-54	15.8	21.8	10.1	15.8	21.7	10.0	21.9	30.7	14.5
55-59	24.9	34.5	15.8	25.4	35.2	15.9	30.6	38.3	24.2
60-64	34.6	47.6	22.7	35.0	48.2	22.5	40.8	55.8	28.7
65-69	43.0	57.8	30.3	44.6	59.0	32.0	46.9	67.8	31.1
70-74	52.1	74.2	35.0	54.0	76.1	36.4	59.0	81.6	43.8
75-79	52.9	75.9	36.9	54.1	78.3	37.2	60.8	81.1	48.0
80-84	53.6	79.5	38.2	53.9	80.4	38.2	59.4	95.5	40.9
85+	44.0	70.2	33.1	44.3	72.9	32.8	42.5	-	41.2

^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 XI-3
KIDNEY AND RENAL PELVIS CANCER (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	3.6	5.2	2.4	3.7	5.3	2.5	2.8	4.1	1.8
1976	3.6	5.2	2.4	3.7	5.4	2.5	2.9	4.2	1.9
1977	3.7	5.4	2.4	3.8	5.5	2.5	2.9	4.0	2.0
1978	3.7	5.4	2.4	3.8	5.5	2.5	3.2	4.8	1.9
1979	3.6	5.3	2.4	3.7	5.5	2.4	2.9	4.2	2.0
1980	3.7	5.5	2.4	3.8	5.6	2.4	3.0	4.2	2.0
1981	3.7	5.4	2.5	3.8	5.5	2.6	3.2	4.6	2.1
1982	3.9	5.7	2.5	3.9	5.8	2.6	3.4	4.8	2.4
1983	3.8	5.6	2.6	3.9	5.7	2.7	3.3	4.8	2.1
1984	3.9	5.8	2.6	4.0	5.9	2.6	3.5	4.9	2.4
1985	4.0	5.8	2.7	4.0	5.8	2.7	3.8	6.0	2.4
1986	4.0	5.8	2.8	4.1	5.9	2.8	3.7	5.3	2.5
1987	4.1	6.0	2.8	4.2	6.1	2.8	3.7	5.5	2.4
1988	4.0	5.9	2.7	4.1	5.9	2.8	3.8	5.8	2.4
1989	4.2	6.1	2.8	4.2	6.2	2.8	4.0	6.1	2.6
1990	4.2	6.2	2.8	4.2	6.2	2.8	4.2	6.4	2.8
1991	4.3	6.2	2.9	4.3	6.2	3.0	4.3	6.4	3.0
1992	4.3	6.2	2.9	4.4	6.3	2.9	4.0	5.9	2.6
1993	4.2	6.1	2.8	4.2	6.2	2.8	4.1	6.1	2.7
1994	4.3	6.2	2.9	4.3	6.3	2.9	4.2	6.4	2.8
1995	4.3	6.2	3.0	4.4	6.3	3.0	4.4	6.3	3.1
1996	4.3	6.2	2.8	4.3	6.3	2.9	4.1	5.9	2.9
1997	4.3	6.2	2.9	4.3	6.2	2.9	4.3	6.5	2.8
1998	4.3	6.2	2.8	4.3	6.3	2.9	4.0	6.3	2.5
1999	4.1	5.9	2.7	4.1	6.0	2.7	4.2	6.1	2.8
2000	4.2	6.2	2.8	4.3	6.3	2.8	4.2	6.3	2.8
<u>AGE-ADJUSTED RATES, 1996-2000</u>									
<u>AGE AT DEATH:</u>									
All ages	4.2	6.1	2.8	4.3	6.2	2.8	4.2	6.2	2.8
Under 65	1.6	2.3	1.0	1.7	2.3	1.0	1.8	2.7	1.1
65 and over	22.0	32.4	15.3	22.4	32.8	15.5	20.5	31.0	14.4
All ages (world std.) ^b	2.7	3.8	1.7	2.7	3.9	1.7	2.7	4.0	1.7
<u>AGE-SPECIFIC RATES, 1996-2000</u>									
<u>AGE AT DEATH:</u>									
<1	-	-	-	-	-	-	-	-	-
1-4	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-
5-9	0.1	0.1	0.1	0.1	0.1	0.1	0.2	-	-
10-14	0.0	-	-	0.0	-	-	-	-	-
15-19	0.1	-	0.1	0.0	-	-	-	-	-
20-24	0.1	0.1	-	0.0	-	-	0.2	-	-
25-29	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.5	-
30-34	0.2	0.2	0.1	0.1	0.2	0.1	0.4	0.6	-
35-39	0.4	0.6	0.3	0.4	0.5	0.2	0.8	1.0	0.7
40-44	1.1	1.6	0.7	1.1	1.6	0.7	1.3	1.9	0.9
45-49	2.4	3.4	1.4	2.4	3.4	1.4	2.6	3.7	1.7
50-54	4.6	6.6	2.6	4.6	6.6	2.8	5.0	8.0	2.5
55-59	7.7	11.1	4.5	7.9	11.3	4.7	7.7	12.0	4.3
60-64	11.2	16.0	6.8	11.5	16.5	7.0	10.5	15.5	6.5
65-69	15.2	21.8	9.6	15.6	22.1	10.0	14.4	22.4	8.5
70-74	19.6	28.0	13.0	19.9	28.3	13.2	19.5	29.1	13.1
75-79	23.7	34.3	16.3	24.0	34.7	16.5	22.8	33.1	16.6
80-84	28.3	41.6	20.7	28.9	42.5	20.9	24.3	36.1	18.4
85+	31.8	50.5	24.4	32.4	51.6	24.8	28.0	44.2	21.9

^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 XI-4
KIDNEY AND RENAL PELVIS CANCER (Invasive)

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

	All Races			Whites			Blacks		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	37	36	39	38	38	37
1970-1973 ^a	-	-	-	46	44	50	44	40	49
1974-1976 ^b	51.7	51.0	52.7	51.7	51.0	52.9	49.2	50.2	47.4 ^d
1977-1979 ^b	51.0	51.1	50.8	51.0	51.4	50.2	51.8	44.7	60.9 ^d
1980-1982 ^b	51.7	52.1	51.0	51.1	51.9	49.8	56.0	53.2	60.2 ^d
1983-1985 ^b	55.7	56.5	54.2	55.8	56.8	54.1	55.0	54.1	56.4
1986-1988 ^b	56.9	57.3	56.3	57.5	58.1	56.6	53.6	52.2	55.5
1989-1991 ^b	60.1	60.7	59.1	60.8	61.8	59.2	58.0	55.1	62.1
1992-1999 ^b	62.6 ^c	62.5 ^c	62.6 ^c	62.9 ^c	63.1 ^c	62.5 ^c	60.7 ^c	59.9 ^c	61.7 ^c
1992-1999 ^b									
ALL STAGES	62.6	62.5	62.6	62.9	63.1	62.5	60.7	59.9	61.7
LOCALIZED	89.9	90.5	89.1	90.6	91.5	89.4	85.1	84.6	85.9
REGIONAL	60.0	60.8	58.7	60.4	61.0	59.3	60.9	64.3 ^d	55.4 ^d
DISTANT	9.1	8.7	9.8	9.2	9.0	9.6	8.1	7.0	9.6
UNSTAGED	29.4	32.7	24.8	29.2	33.4	23.4	22.1 ^d	18.3 ^d	26.9 ^d
<u>STAGE DISTRIBUTION (%) 1992-1999^b</u>									
ALL STAGES									
Number of cases	16,561	10,083	6,478	13,950	8,499	5,451	1,645	950	695
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	50	49	52	50	49	51	55	55	56
REGIONAL	22	23	21	22	23	21	17	16	17
DISTANT	22	22	21	22	22	21	20	21	19
UNSTAGED	6	6	7	6	6	7	8	8	8
<u>5-YR RELATIVE SURVIVAL RATES, 1992-1999^b</u>									
AGE AT DIAGNOSIS:									
<45	80.3	78.9	82.3	81.0	80.0	82.7	74.8	72.4	77.2
45-54	68.0	64.9	74.4	68.4	65.8	74.0	64.0	60.2	71.8
55-64	62.7	61.0	66.0	62.8	60.9	66.5	62.8	61.6	64.8 ^d
65-74	59.6	60.5	58.5	60.6	61.8	59.1	52.1	52.8 ^d	51.2 ^d
75+	48.3	51.7	45.3	49.3	53.0	45.8	41.5 ^d	45.2 ^d	38.5 ^d
Under 65	68.4	66.0	73.0	68.6	66.3	72.9	66.7	63.6	71.6
65 and over	55.4	57.7	52.6	56.3	59.0	53.2	48.2	50.2	46.0

^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 XI-5
 KIDNEY AND RENAL PELVIS CANCER (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	7.7	8.6	8.9	9.7	9.9	9.9	10.3	10.4	10.6	10.7	10.7	11.3	11.1	11.3	10.8	11.7	11.2	12.1	
Mortality																			
U.S. ^b	3.6	3.8	4.0	4.0	4.1	4.0	4.2	4.2	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3	4.1	4.2	
SEER ^a	3.5	3.8	3.6	3.6	3.9	3.8	4.2	4.0	3.8	3.9	3.8	4.0	3.9	4.1	4.0	4.3	3.9	4.1	
Relative Survival Rates (SEER ^a)																			
1-year	69.7	71.4	74.4	72.1	74.1	74.3	73.1	76.3	77.4	77.3	76.8	77.0	77.5	77.4	76.9	78.5	78.0		
2-year	60.8	62.4	66.4	64.7	66.2	65.7	65.3	68.7	69.6	69.2	71.1	69.9	70.2	70.8	70.4	71.7			
3-year	56.8	57.8	60.9	60.2	61.2	62.6	62.1	66.1	65.4	66.5	67.3	67.5	66.2	67.8	66.5				
4-year	53.5	54.9	58.5	56.8	59.3	59.9	58.9	63.7	63.3	63.5	64.0	65.9	64.5	64.9					
5-year	51.6	53.2	56.4	54.5	57.9	58.2	57.3	61.0	61.8	61.5	62.1	63.3	62.7						
6-year	50.3	51.2	53.9	53.9	55.6	56.0	56.4	59.0	60.2	60.4	60.6	62.5							
7-year	48.7	50.2	52.5	52.7	54.0	55.1	55.4	56.8	59.2	58.2	60.2								
8-year	47.7	49.2	52.1	51.4	53.2	54.4	54.3	56.2	58.2	57.4									
9-year	46.8	48.2	50.5	50.3	51.8	54.4	52.8	55.1	57.0										
10-year	46.0	47.2	48.2	49.2	51.1	53.2	51.0	54.3											
11-year	45.5	46.1	46.0	48.5	49.7	52.6	49.4												
12-year	44.7	45.6	45.7	48.4	48.8	50.7													
13-year	44.2	45.2	44.4	47.4	47.7														
14-year	43.3	44.8	44.3	45.2															
15-year	42.5	44.8	43.2																
16-year	42.5	44.6																	
17-year	42.3																		
18-year	41.4																		
19-year	40.6																		
20-year	40.1																		

^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 XI-6
 KIDNEY AND RENAL PELVIS CANCER (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	11.2	12.6	13.1	13.8	14.1	14.0	14.5	14.7	15.0	15.2	14.6	15.6	15.5	15.8	15.0	16.3	15.6	16.9	
Mortality																			
U.S. ^b	5.3	5.6	5.8	5.8	6.0	5.9	6.1	6.2	6.2	6.2	6.1	6.2	6.2	6.2	6.2	6.2	5.9	6.2	
SEER ^a	5.1	5.6	5.2	5.5	5.5	5.5	6.1	5.6	5.3	5.6	5.3	5.8	5.6	6.1	5.8	6.3	5.5	6.2	
Relative Survival Rates (SEER ^a)																			
1-year	70.4	71.6	75.9	73.0	75.7	74.2	71.9	78.0	79.0	78.6	78.1	76.9	79.9	78.6	78.5	78.8	77.4		
2-year	61.2	62.7	67.5	66.1	67.6	65.8	63.9	69.8	70.2	69.6	71.7	69.4	71.9	72.5	71.4	72.4			
3-year	56.9	58.3	62.1	61.2	63.6	62.1	61.5	67.4	66.6	67.0	68.0	66.6	68.0	69.0	67.2				
4-year	53.5	55.5	59.6	56.7	61.2	60.0	58.3	64.4	65.0	63.3	64.5	65.1	65.5	66.0					
5-year	51.8	53.7	57.7	54.7	59.0	58.3	57.4	61.3	63.1	60.6	62.3	62.8	63.8						
6-year	50.5	51.6	55.0	53.7	56.2	55.1	56.2	58.8	60.8	59.9	60.4	62.5							
7-year	48.5	50.5	52.8	52.8	54.5	55.0	54.2	56.7	59.5	57.7	60.3								
8-year	47.2	49.5	52.4	50.9	52.9	54.5	53.1	56.0	58.2	57.3									
9-year	46.5	48.4	50.0	49.6	51.0	54.4	51.2	55.0	57.3										
10-year	45.3	47.4	47.9	49.0	50.1	53.5	49.7	54.0											
11-year	44.6	46.4	46.1	47.9	48.1	52.2	47.3												
12-year	43.6	45.9	45.4	47.7	46.6	50.1													
13-year	43.0	45.6	44.1	46.0	44.9														
14-year	42.0	44.7	44.0	44.2															
15-year	41.0	44.7	43.7																
16-year	41.0	44.4																	
17-year	40.8																		
18-year	40.0																		
19-year	39.3																		
20-year	38.7																		

^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 XI-7
 KIDNEY AND RENAL PELVIS CANCER (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	5.1	5.7	5.8	6.6	6.7	6.9	7.1	7.1	7.2	7.4	7.6	7.8	7.6	7.9	7.5	8.2	7.8	8.3	
Mortality																			
U.S. ^b	2.4	2.5	2.7	2.8	2.8	2.7	2.8	2.8	2.9	2.9	2.8	2.9	3.0	2.8	2.9	2.8	2.7	2.8	
SEER ^a	2.3	2.5	2.4	2.3	2.7	2.5	2.8	2.8	2.7	2.6	2.5	2.8	2.7	2.7	2.6	2.7	2.7	2.5	
Relative Survival Rates (SEER ^a)																			
1-year	68.5	71.0	71.6	70.8	71.5	74.4	74.9	73.6	74.9	75.3	74.8	77.1	73.6	75.7	74.4	78.0	79.0		
2-year	60.2	61.9	64.4	62.4	64.0	65.7	67.5	66.8	68.8	68.5	70.3	70.9	67.5	68.1	68.9	70.7			
3-year	56.7	57.0	58.9	58.6	57.4	63.4	63.0	64.1	63.5	65.6	66.3	68.8	63.4	65.8	65.5				
4-year	53.6	53.9	56.7	56.9	56.2	59.7	59.9	62.7	60.7	63.8	63.2	67.0	62.9	63.2					
5-year	51.3	52.4	54.2	54.4	56.2	58.1	57.3	60.5	59.7	62.8	61.9	64.0	61.0						
6-year	50.0	50.5	52.0	54.1	54.6	57.4	56.8	59.4	59.2	61.1	60.9	62.3							
7-year	48.9	49.7	52.0	52.5	53.1	55.4	56.8	57.0	58.7	58.8	60.0								
8-year	48.5	48.7	51.4	52.2	53.1	54.2	56.1	56.4	58.0	57.5									
9-year	47.3	47.7	51.4	51.5	53.0	54.2	55.3	55.3	56.5										
10-year	47.2	46.8	48.7	49.5	52.5	52.7	52.9	54.6											
11-year	46.9	45.7	46.0	49.5	52.0	52.7	52.3												
12-year	46.6	45.1	46.0	49.4	52.0	51.7													
13-year	46.2	44.5	45.0	49.4	51.6														
14-year	45.2	44.5	44.8	46.7															
15-year	44.9	44.5	42.5																
16-year	44.7	44.5																	
17-year	44.6																		
18-year	43.5																		
19-year	42.6																		
20-year	42.3																		

^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 XI-8

KIDNEY AND RENAL PELVIS CANCER (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	0.01	0.01	0.02	1.46	0.01	0.02	0.02	0.87
10	0.00	0.01	0.03	1.47	0.00	0.00	0.02	0.87
20	0.00	0.02	0.11	1.48	0.00	0.02	0.07	0.87
30	0.02	0.11	0.35	1.49	0.02	0.06	0.18	0.87
40	0.09	0.34	0.76	1.50	0.05	0.16	0.39	0.86
50	0.26	0.69	1.15	1.46	0.12	0.35	0.61	0.83
60	0.47	0.97	1.25	1.29	0.24	0.51	0.70	0.75

Lifetime Risk of Being Diagnosed = 1.46%
Lifetime Risk of Dying = 0.56%

Lifetime Risk of Being Diagnosed = 0.87%
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	0.01	0.01	0.02	1.53	0.01	0.02	0.02	0.91
10	0.00	0.01	0.03	1.54	0.00	0.00	0.02	0.91
20	0.00	0.02	0.11	1.55	0.00	0.02	0.07	0.91
30	0.02	0.11	0.37	1.56	0.02	0.06	0.18	0.91
40	0.09	0.35	0.79	1.57	0.05	0.17	0.41	0.90
50	0.27	0.72	1.21	1.52	0.12	0.36	0.64	0.87
60	0.49	1.01	1.30	1.34	0.25	0.54	0.74	0.78

Lifetime Risk of Being Diagnosed = 1.53%
Lifetime Risk of Dying = 0.58%

Lifetime Risk of Being Diagnosed = 0.91%
Lifetime Risk of Dying = 0.35%

Blacks

Current Age	Males				Females			
	+10 yrs	+20 yrs	+30 yrs	Eventually	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.01	0.01	0.02	1.23	0.02	0.02	0.03	0.86
10	0.00	0.01	0.04	1.27	0.00	0.01	0.03	0.86
20	0.01	0.03	0.14	1.28	0.01	0.03	0.09	0.86
30	0.03	0.13	0.40	1.30	0.02	0.09	0.23	0.87
40	0.11	0.38	0.77	1.32	0.06	0.21	0.44	0.85
50	0.29	0.71	1.09	1.30	0.15	0.40	0.65	0.83
60	0.49	0.93	1.13	1.17	0.27	0.54	0.69	0.73

Lifetime Risk of Being Diagnosed = 1.23%
Lifetime Risk of Dying = 0.44%

Lifetime Risk of Being Diagnosed = 0.86%
Lifetime Risk of Dying = 0.27%

Table XI-9
KIDNEY AND RENAL PELVIS CANCER (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	11.1	15.4	7.7	1.3 ^d	1.1 ^d	1.3 ^d
White	11.4	15.9	7.9	1.4 ^d	1.3 ^d	1.3 ^d
White Hispanic ^b	10.9	14.4	8.2	1.6	0.1	3.6 ^d
White Non-Hispanic ^b	11.2	15.6	7.6	1.5 ^d	1.5 ^d	1.1 ^d
Black	12.9	17.7	9.4	1.8	1.0	3.1
Asian/Pacific Islander	6.4	9.2	4.2	1.6	0.9	2.8
Amer Ind/Alaska Nat	10.0	14.2	6.8	-6.3 ^d	-5.3	-
Hispanic ^b	10.5	13.9	8.0	1.8	0.3	3.7

Mortality^c

RACE/ETHNICITY	Rate 1996-2000			Trend 1992-2000		
	Rate per 100,000 persons			APC (%)		
	Total	Males	Females	Total	Males	Females
All Races	4.2	6.1	2.8	-0.3	-0.2	-0.5
White	4.3	6.2	2.8	-0.2	-0.3	-0.5
White Hispanic ^b	3.8	5.5	2.5	0.2	0.3	-0.2
White Non-Hispanic ^b	4.3	6.3	2.9	-0.3	-0.2	-0.5
Black	4.2	6.2	2.8	0.2	0.4	-0.2
Asian/Pacific Islander	2.0	3.0	1.2	1.6	2.0	1.2
Amer Ind/Alaska Nat	4.7	6.7	3.2	-0.6	-0.3	-2.6
Hispanic ^b	3.7	5.4	2.5	0.3	0.4	-0.1

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 XI-10
 KIDNEY AND RENAL PELVIS CANCER (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	11.1	15.4	7.7	11.4	15.9	7.9	12.9	17.7	9.4
11 registries	11.1	15.4	7.7	11.4	15.9	7.9	12.9	17.7	9.4
9 registries	11.5	15.9	7.9	11.6	16.2	8.0	13.5	18.1	10.1
San Francisco-Oakland	9.7	14.2	6.2	10.6	15.6	6.7	11.1	14.4	8.8
Connecticut	12.4	17.1	8.7	12.4	17.2	8.6	12.2	15.6	9.5
Metropolitan Detroit	14.1	19.1	10.2	13.7	18.8	9.7	15.4	20.3	12.0
Hawaii	9.4	13.2	6.0	11.9	17.6	6.1	-	-	-
Iowa	12.4	17.0	8.8	12.3	16.9	8.8	16.4	-	-
New Mexico	10.6	14.3	7.6	10.6	14.3	7.6	-	-	-
Seattle-Puget Sound	11.6	16.4	7.8	11.7	16.5	7.8	15.4	19.3	11.4
Utah	8.4	10.9	6.4	8.6	11.0	6.5	-	-	-
Metropolitan Atlanta	10.6	15.2	7.1	10.1	14.6	6.8	12.0	17.8	8.0
San Jose-Monterey	9.7	13.1	6.8	10.7	14.5	7.6	-	-	-
Los Angeles	10.3	14.5	7.0	11.0	15.2	7.6	11.6	17.3	7.5
<u>SEER DEATH RATES^b, 1996-2000</u>									
REGISTRY									
12 registries	3.9	5.8	2.6	4.1	6.0	2.7	4.1	5.8	2.8
11 registries	3.9	5.8	2.6	4.1	6.0	2.7	4.1	5.8	2.8
9 registries	4.1	6.0	2.6	4.2	6.2	2.7	4.0	5.6	2.9
San Francisco-Oakland	3.6	5.5	2.1	3.8	5.7	2.3	4.7	7.1	3.0
Connecticut	3.9	5.8	2.5	4.0	6.0	2.6	2.8	-	-
Metropolitan Detroit	4.5	6.3	3.1	4.5	6.6	3.0	4.3	5.3	3.5
Hawaii	3.6	5.5	2.0	4.0	6.5	-	-	-	-
Iowa	4.8	7.0	3.2	4.8	7.0	3.2	-	-	-
New Mexico	4.3	6.4	2.6	4.3	6.3	2.7	-	-	-
Seattle-Puget Sound	4.3	6.0	3.0	4.4	6.2	3.1	-	-	-
Utah	3.1	4.4	2.1	3.1	4.5	2.1	-	-	-
Metropolitan Atlanta	3.7	5.7	2.4	3.8	5.9	2.4	3.4	5.2	2.3
San Jose-Monterey	3.2	4.7	2.0	3.5	5.2	2.1	-	-	-
Los Angeles	3.7	5.3	2.5	3.9	5.5	2.7	4.3	6.7	2.7

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 XI-11
KIDNEY AND RENAL PELVIS CANCER (Invasive)

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

All Races, Males and Females

State	Rate	SE	Rank	PD
TOTAL U.S.	4.2	0.02		
High Five States				
Indiana	5.1 ^{bc}	0.13	(01)	21.4
Louisiana	5.0 ^{bc}	0.16	(02)	19.0
Maine	5.0 ^b	0.27	(03)	19.0
Oklahoma	5.0 ^{bc}	0.17	(04)	19.0
Kentucky	4.9 ^{bc}	0.16	(05)	16.7
Low Five States				
New York	3.7 ^c	0.06	(47)	-11.9
Wyoming	3.7	0.40	(48)	-11.9
Hawaii	3.6	0.25	(49)	-14.3
District of Columbia	3.2 ^b	0.34	(50)	-23.8
Utah	3.1 ^{bc}	0.20	(51)	-26.2

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	3.8	0.13	(45)	-9.5	Montana	4.0	0.29	(38)	-4.8
Alaska	4.7	0.60	(08)	11.9	Nebraska	4.4	0.23	(19)	4.8
Arizona	3.8	0.13	(44)	-9.5	Nevada	4.1	0.23	(35)	-2.4
Arkansas	4.4	0.18	(20)	4.8	New Hampshire	4.4	0.28	(21)	4.8
California	3.8 ^c	0.05	(43)	-9.5	New Jersey	4.1	0.10	(37)	-2.4
Colorado	3.9	0.15	(39)	-7.1	New Mexico	4.3	0.23	(28)	2.4
Connecticut	3.9	0.15	(40)	-7.1	New York	3.7 ^c	0.06	(47)	-11.9
Delaware	4.2	0.33	(31)	0.0	North Carolina	4.3	0.11	(24)	2.4
District of Columbia	3.2 ^b	0.34	(50)	-23.8	North Dakota	4.8	0.37	(07)	14.3
Florida	3.7 ^c	0.06	(46)	-11.9	Ohio	4.6 ^c	0.09	(15)	9.5
Georgia	3.8 ^c	0.11	(42)	-9.5	Oklahoma	5.0 ^{bc}	0.17	(04)	19.0
Hawaii	3.6	0.25	(49)	-14.3	Oregon	4.2	0.16	(32)	0.0
Idaho	4.5	0.28	(17)	7.1	Pennsylvania	4.3	0.08	(27)	2.4
Illinois	4.5	0.09	(18)	7.1	Rhode Island	4.3	0.27	(29)	2.4
Indiana	5.1 ^{bc}	0.13	(01)	21.4	South Carolina	4.3	0.15	(25)	2.4
Iowa	4.8	0.17	(06)	14.3	South Dakota	4.6	0.34	(11)	9.5
Kansas	4.1	0.18	(33)	-2.4	Tennessee	4.3	0.13	(26)	2.4
Kentucky	4.9 ^{bc}	0.16	(05)	16.7	Texas	4.7 ^c	0.08	(09)	11.9
Louisiana	5.0 ^{bc}	0.16	(02)	19.0	Utah	3.1 ^{bc}	0.20	(51)	-26.2
Maine	5.0 ^b	0.27	(03)	19.0	Vermont	4.4	0.38	(22)	4.8
Maryland	3.9	0.13	(41)	-7.1	Virginia	4.2	0.12	(30)	0.0
Massachusetts	4.1	0.11	(36)	-2.4	Washington	4.4	0.13	(23)	4.8
Michigan	4.5	0.10	(16)	7.1	West Virginia	4.6	0.21	(14)	9.5
Minnesota	4.6	0.14	(10)	9.5	Wisconsin	4.6	0.13	(13)	9.5
Mississippi	4.1	0.18	(34)	-2.4	Wyoming	3.7	0.40	(48)	-11.9
Missouri	4.6	0.13	(12)	9.5					

^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 XI-12
 KIDNEY AND RENAL PELVIS CANCER (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.	6.1	0.03							
High Five States									
Indiana	7.4 ^{bc}	0.25	(01)	21.3					
Vermont	7.4 ^b	0.78	(02)	21.3					
Kentucky	7.4 ^{bc}	0.31	(03)	21.3					
South Dakota	7.2 ^b	0.64	(04)	18.0					
Maine	7.2 ^b	0.50	(05)	18.0					
Low Five States									
New York	5.5 ^c	0.12	(47)	-9.8					
Arizona	5.4	0.23	(48)	-11.5					
Florida	5.4 ^c	0.11	(49)	-11.5					
District of Columbia	5.3	0.72	(50)	-13.1					
Utah	4.4 ^{bc}	0.37	(51)	-27.9					
Alabama	5.7	0.25	(39)	-6.6	Montana	5.5	0.51	(46)	-9.8
Alaska	7.0	1.12	(06)	14.8	Nebraska	6.5	0.42	(17)	6.6
Arizona	5.4	0.23	(48)	-11.5	Nevada	6.0	0.41	(34)	-1.6
Arkansas	6.4	0.33	(22)	4.9	New Hampshire	6.0	0.51	(33)	-1.6
California	5.6 ^c	0.10	(42)	-8.2	New Jersey	5.9	0.19	(36)	-3.3
Colorado	5.6	0.29	(40)	-8.2	New Mexico	6.4	0.43	(24)	4.9
Connecticut	5.8	0.28	(37)	-4.9	New York	5.5 ^c	0.12	(47)	-9.8
Delaware	6.1	0.64	(29)	0.0	North Carolina	6.6	0.21	(14)	8.2
District of Columbia	5.3	0.72	(50)	-13.1	North Dakota	6.9	0.67	(10)	13.1
Florida	5.4 ^c	0.11	(49)	-11.5	Ohio	6.4	0.17	(23)	4.9
Georgia	5.8	0.22	(38)	-4.9	Oklahoma	7.0	0.31	(08)	14.8
Hawaii	5.5	0.45	(44)	-9.8	Oregon	6.0	0.28	(35)	-1.6
Idaho	6.4	0.51	(19)	4.9	Pennsylvania	6.4	0.15	(25)	4.9
Illinois	6.5	0.17	(16)	6.6	Rhode Island	6.0	0.52	(31)	-1.6
Indiana	7.4 ^{bc}	0.25	(01)	21.3	South Carolina	6.7	0.31	(13)	9.8
Iowa	7.0	0.32	(07)	14.8	South Dakota	7.2 ^b	0.64	(04)	18.0
Kansas	5.6	0.31	(41)	-8.2	Tennessee	6.7	0.25	(12)	9.8
Kentucky	7.4 ^{bc}	0.31	(03)	21.3	Texas	7.0 ^c	0.15	(09)	14.8
Louisiana	6.9	0.29	(11)	13.1	Utah	4.4 ^{bc}	0.37	(51)	-27.9
Maine	7.2 ^b	0.50	(05)	18.0	Vermont	7.4 ^b	0.78	(02)	21.3
Maryland	5.5	0.24	(45)	-9.8	Virginia	6.4	0.23	(26)	4.9
Massachusetts	6.2	0.22	(28)	1.6	Washington	6.0	0.23	(30)	-1.6
Michigan	6.4	0.18	(20)	4.9	West Virginia	6.4	0.39	(18)	4.9
Minnesota	6.4	0.26	(21)	4.9	Wisconsin	6.6	0.24	(15)	8.2
Mississippi	6.0	0.33	(32)	-1.6	Wyoming	5.5	0.75	(43)	-9.8
Missouri	6.3	0.23	(27)	3.3					

^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 XI-13
KIDNEY AND RENAL PELVIS CANCER (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.	2.8	0.02							
High Five States									
Louisiana	3.6 ^{bc}	0.18	(01)	28.6					
Indiana	3.4 ^{bc}	0.14	(02)	21.4					
Oklahoma	3.4 ^b	0.19	(03)	21.4					
Missouri	3.4 ^{bc}	0.14	(04)	21.4					
Maine	3.3 ^b	0.29	(05)	17.9					
Low Five States									
Wyoming	2.2 ^b	0.43	(47)	-21.4					
Vermont	2.1 ^b	0.35	(48)	-25.0					
Utah	2.1 ^b	0.23	(49)	-25.0					
Hawaii	2.0 ^b	0.25	(50)	-28.6					
District of Columbia	1.9 ^b	0.33	(51)	-32.1					
Alabama	2.4	0.14	(46)	-14.3	Montana	2.9	0.34	(22)	3.6
Alaska	2.7	0.62	(31)	-3.6	Nebraska	2.8	0.23	(28)	0.0
Arizona	2.5	0.14	(40)	-10.7	Nevada	2.4	0.24	(45)	-14.3
Arkansas	2.9	0.19	(21)	3.6	New Hampshire	3.2	0.31	(08)	14.3
California	2.4 ^c	0.06	(44)	-14.3	New Jersey	2.8	0.11	(25)	0.0
Colorado	2.6	0.17	(36)	-7.1	New Mexico	2.6	0.24	(37)	-7.1
Connecticut	2.5	0.16	(38)	-10.7	New York	2.5 ^c	0.07	(43)	-10.7
Delaware	2.8	0.36	(23)	0.0	North Carolina	2.8	0.11	(27)	0.0
District of Columbia	1.9 ^b	0.33	(51)	-32.1	North Dakota	3.3 ^b	0.42	(06)	17.9
Florida	2.5 ^c	0.07	(41)	-10.7	Ohio	3.2 ^c	0.10	(07)	14.3
Georgia	2.5	0.11	(42)	-10.7	Oklahoma	3.4 ^b	0.19	(03)	21.4
Hawaii	2.0 ^b	0.25	(50)	-28.6	Oregon	2.8	0.17	(26)	0.0
Idaho	2.9	0.31	(20)	3.6	Pennsylvania	2.8	0.08	(24)	0.0
Illinois	3.0	0.09	(18)	7.1	Rhode Island	3.2	0.31	(11)	14.3
Indiana	3.4 ^{bc}	0.14	(02)	21.4	South Carolina	2.7	0.16	(30)	-3.6
Iowa	3.2	0.18	(10)	14.3	South Dakota	2.5	0.33	(39)	-10.7
Kansas	3.0	0.20	(19)	7.1	Tennessee	2.7	0.13	(32)	-3.6
Kentucky	3.1	0.16	(14)	10.7	Texas	3.1	0.08	(16)	10.7
Louisiana	3.6 ^{bc}	0.18	(01)	28.6	Utah	2.1 ^b	0.23	(49)	-25.0
Maine	3.3 ^b	0.29	(05)	17.9	Vermont	2.1 ^b	0.35	(48)	-25.0
Maryland	2.7	0.14	(34)	-3.6	Virginia	2.7	0.12	(29)	-3.6
Massachusetts	2.6	0.12	(35)	-7.1	Washington	3.0	0.14	(17)	7.1
Michigan	3.2	0.11	(12)	14.3	West Virginia	3.2	0.23	(13)	14.3
Minnesota	3.2	0.16	(09)	14.3	Wisconsin	3.1	0.14	(15)	10.7
Mississippi	2.7	0.19	(33)	-3.6	Wyoming	2.2 ^b	0.43	(47)	-21.4
Missouri	3.4 ^{bc}	0.14	(04)	21.4					

^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 XI-14
KIDNEY AND RENAL PELVIS CANCER (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	80,552	50,321	28,809	17,196	9,893	130,873	186,771	15,302	202,073
Males	48,830	29,757	16,502	10,211	5,478	78,587	110,778	8,864	119,642
Females	31,722	20,564	12,307	6,985	4,415	52,286	75,993	6,438	82,431
White ^b	69,345	44,447	25,877	15,340	8,913	113,792	163,922	14,958	178,880
Males	42,530	26,471	14,974	9,372	4,983	69,001	98,330	7,682	106,012
Females	26,815	17,976	10,903	5,968	3,930	44,791	65,592	7,276	72,868
Black ^b	8,758	4,639	2,450	1,533	807	13,397	18,187	1,860	20,047
Males	4,774	2,533	1,249	668	400	7,307	9,624	743	10,367
Females	3,984	2,106	1,201	865	407	6,090	8,563	1,117	9,680
Asian/Pacific Islander ^c	1,419	594	+	+	+	2,013	+	+	+
Males	894	378	+	+	+	1,272	+	+	+
Females	525	216	+	+	+	741	+	+	+
Hispanic ^d	4,987	2,714	+	+	+	7,701	+	+	+
Males	2,838	1,538	+	+	+	4,376	+	+	+
Females	2,149	1,176	+	+	+	3,325	+	+	+

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	0.0406%	0.0074%	0.0039%	0.0013%	0.0068%	0.0275%	0.0775%	0.1517%	0.2044%	0.1736%	0.0446%
Males	0.0497%	0.0066%	0.0037%	0.0012%	0.0071%	0.0347%	0.1052%	0.2060%	0.2856%	0.2635%	0.0604%
Females	0.0316%	0.0083%	0.0041%	0.0015%	0.0064%	0.0204%	0.0511%	0.1037%	0.1439%	0.1268%	0.0321%
White ^c	0.0444%	0.0081%	0.0041%	0.0011%	0.0068%	0.0286%	0.0798%	0.1603%	0.2170%	0.1782%	0.0466%
Males	0.0543%	0.0075%	0.0039%	-	0.0072%	0.0365%	0.1080%	0.2142%	0.3026%	0.2746%	0.0630%
Females	0.0346%	0.0087%	0.0043%	0.0013%	0.0063%	0.0206%	0.0523%	0.1115%	0.1526%	0.1289%	0.0334%
Black ^c	0.0346%	0.0072%	0.0050%	-	0.0081%	0.0324%	0.0995%	0.1595%	0.1878%	0.1669%	0.0478%
Males	0.0406%	-	-	-	0.0076%	0.0381%	0.1368%	0.2238%	0.2360%	0.2548%	0.0631%
Females	0.0292%	0.0093%	-	-	0.0086%	0.0275%	0.0681%	0.1087%	0.1561%	0.1275%	0.0369%
Asian/Pacific Islander ^c	0.0204%	-	-	-	0.0050%	0.0151%	0.0381%	0.0780%	0.1076%	0.1209%	0.0241%
Males	0.0267%	-	-	-	-	0.0191%	0.0539%	0.1148%	0.1682%	0.1619%	0.0342%
Females	0.0145%	-	-	-	-	0.0116%	0.0240%	0.0481%	0.0617%	0.0922%	0.0162%
Hispanic ^d	0.0215%	0.0056%	0.0031%	-	0.0056%	0.0249%	0.0645%	0.1450%	0.2308%	0.1897%	0.0441%
Males	0.0236%	0.0039%	-	-	0.0061%	0.0265%	0.0896%	0.1950%	0.3036%	0.2676%	0.0575%
Females	0.0193%	0.0072%	0.0044%	-	0.0049%	0.0233%	0.0418%	0.1042%	0.1789%	0.1481%	0.0340%

^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} (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.

- 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+ Kidney and Renal Pelvis Cancer, by Race and Sex

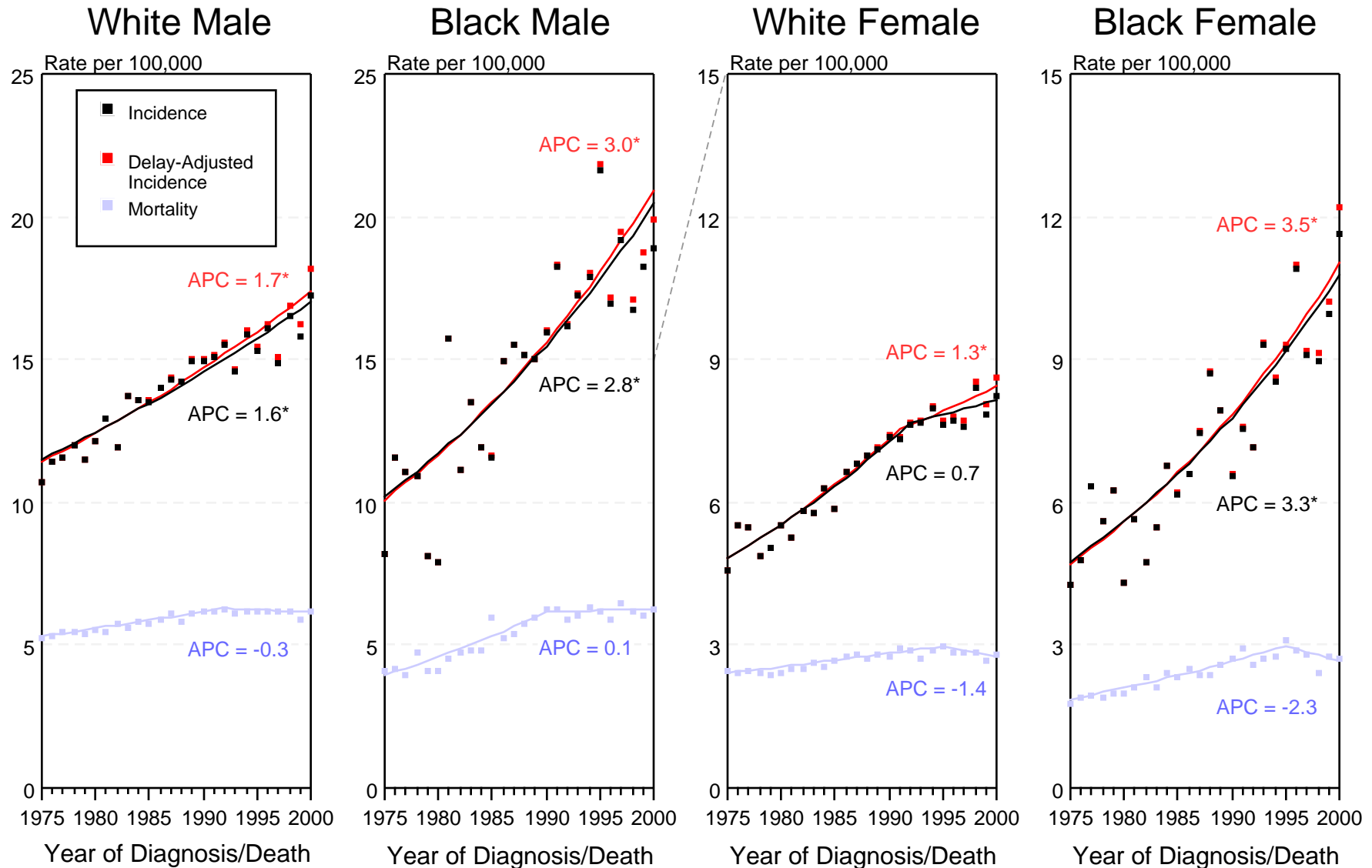


Figure XI-1

+ 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 ($p < 0.05$).