

Table XXIV-1
TESTIS CANCER (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY USING THE JOINPOINT REGRESSION PROGRAM, 1973-1997
WITH UP TO THREE JOINPOINTS BY RACE AND AGE

	<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</u>						
Age - All Ages	1973-97	1.8★	1973-89 1989-97	2.9★ 0.0	1973-97	0.8
Age - Under 50	1973-89 1989-97	2.9★ 0.0	1973-87 1987-97	3.6★ 0.5	1973-97	0.8
Age - 50 and Over	1973-97	-0.2	1973-97	-0.1		
<u>U.S. Cancer Mortality</u>						
Age - All Ages	1973-77 1977-81 1981-97	-5.8★ -12.7★ -2.9★	1973-82 1982-97	-9.4★ -2.9★	1973-97	-3.7★
Age - Under 50	1973-82 1982-97	-9.6★ -3.0★	1973-82 1982-97	-9.7★ -3.0★	1973-97	-2.2★
Age - 50 and Over	1973-81 1981-97	-8.6★ -3.5★	1973-81 1981-97	-9.0★ -3.2★	1973-97	-6.2★

The APC is the Annual Percent Change based on rates age-adjusted to the 1970 U.S. standard population using the Joinpoint Regression Program.

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

Table XXIV-2
TESTIS CANCER (Invasive)

SEER INCIDENCES AND U.S. MORTALITY* RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE

	Incidence§			US Mortality*		
	All Races, Males	White Males	Black Males	All Races, Males	White Males	Black Males
<u>AGE-SPECIFIC RATES, 1993-97</u>						
AGE AT DIAGNOSIS/DEATH:						
0-4	0.5	0.5	0.2	0.0	0.0	0.0
5-9	0.1	0.1	0.3	0.0	0.0	0.0
10-14	0.1	0.1	0.2	0.0	0.0	0.0
15-19	3.0	3.7	0.3	0.1	0.1	0.0
20-24	7.8	9.2	2.0	0.4	0.4	0.1
25-29	13.8	16.3	2.3	0.5	0.5	0.2
30-34	14.2	16.5	2.5	0.5	0.6	0.3
35-39	11.8	13.3	2.9	0.5	0.5	0.3
40-44	8.0	9.1	1.4	0.4	0.4	0.2
45-49	5.6	6.3	1.3	0.3	0.3	0.3
50-54	3.6	4.1	0.4	0.2	0.2	0.1
55-59	2.1	2.3	1.0	0.2	0.2	0.2
60-64	1.9	2.1	1.2	0.2	0.2	0.1
65-69	1.8	2.1	0.6	0.2	0.2	0.2
70-74	0.9	0.9	0.0	0.3	0.3	0.2
75-79	1.1	1.1	1.3	0.3	0.3	0.2
80-84	1.1	0.8	0.0	0.5	0.5	0.0
85+	0.0	0.0	0.0	0.5	0.5	0.2
<u>AGE-ADJUSTED RATES, 1993-97</u>						
AGE AT DIAGNOSIS/DEATH:						
All ages	4.6	5.3	1.0	0.2	0.3	0.1
Under 65	5.0	5.8	1.1	0.2	0.2	0.1
65 and over	1.2	1.3	0.5	0.3	0.3	0.2
All ages (world std.)⊕	4.9	5.6	1.1	0.2	0.3	0.1

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

⊕ Rates are per 100,000 and are age-adjusted to the world standard population.

Table XXIV-3
 MALE TESTIS CANCER (Invasive)

SEER INCIDENCES AND U.S. MORTALITY* RATES, AGE-ADJUSTED RATES, BY RACE AND AGE

	All Races, Males			White Males			Black Males		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>SEER INCIDENCE RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	3.0	3.2	2.2	3.2	3.5	2.4	0.4	0.5	0.0
1974	3.3	3.6	2.3	3.5	3.8	2.3	1.5	1.1	2.5
1975	3.3	3.6	2.4	3.7	4.0	2.6	0.6	0.6	0.6
1976	3.2	3.7	1.6	3.5	4.0	1.9	1.1	1.5	0.0
1977	3.8	4.3	2.2	4.3	4.8	2.4	0.4	0.4	0.5
1978	3.2	3.7	1.9	3.6	4.1	2.1	1.3	1.7	0.0
1979	3.5	4.0	2.0	3.9	4.5	2.1	0.8	0.7	1.1
1980	4.0	4.6	1.9	4.5	5.2	2.1	0.8	1.0	0.0
1981	3.8	4.4	1.8	4.3	5.0	2.0	0.6	0.8	0.0
1982	4.0	4.6	2.3	4.6	5.2	2.5	0.7	0.7	0.5
1983	4.1	4.7	2.3	4.7	5.4	2.6	1.0	0.9	1.4
1984	4.0	4.6	2.0	4.5	5.3	2.3	0.6	0.8	0.0
1985	4.1	4.8	1.9	4.7	5.5	2.2	1.1	1.2	0.5
1986	4.3	5.0	2.2	5.0	5.8	2.3	0.5	0.4	0.5
1987	4.4	5.3	1.9	5.0	5.9	1.9	0.9	1.0	0.5
1988	4.1	4.9	1.5	4.8	5.8	1.8	0.6	0.8	0.0
1989	4.9	5.7	2.3	5.6	6.6	2.5	1.0	0.9	1.6
1990	4.6	5.3	2.2	5.3	6.3	2.5	0.6	0.6	0.5
1991	4.5	5.3	2.1	5.1	6.0	2.4	0.7	0.8	0.5
1992	4.6	5.4	1.9	5.4	6.4	2.1	0.4	0.6	0.0
1993	4.5	5.5	1.6	5.3	6.4	1.9	0.7	1.0	0.0
1994	4.9	5.8	2.2	5.6	6.6	2.4	1.2	1.4	0.4
1995	4.2	4.9	1.9	4.8	5.6	2.2	1.3	1.6	0.5
1996	4.7	5.6	1.8	5.5	6.6	2.0	1.0	0.8	1.4
1997	4.8	5.5	2.5	5.6	6.5	2.7	0.9	0.8	0.9
1993-97	4.6	5.5	2.0	5.3	6.3	2.2	1.0	1.1	0.7
<u>U.S. MORTALITY RATES</u>									
<u>YEAR OF DEATH:</u>									
1973	0.8	0.7	0.8	0.8	0.8	0.9	0.3	0.2	0.4
1974	0.7	0.7	0.6	0.8	0.8	0.7	0.2	0.1	0.6
1975	0.7	0.7	0.7	0.7	0.7	0.7	0.2	0.1	0.4
1976	0.6	0.6	0.6	0.7	0.7	0.7	0.3	0.2	0.6
1977	0.6	0.6	0.6	0.7	0.7	0.6	0.2	0.2	0.3
1978	0.5	0.5	0.5	0.5	0.5	0.5	0.2	0.2	0.2
1979	0.5	0.4	0.5	0.5	0.4	0.6	0.3	0.2	0.6
1980	0.4	0.4	0.4	0.4	0.4	0.5	0.2	0.1	0.2
1981	0.3	0.3	0.3	0.4	0.4	0.3	0.2	0.1	0.4
1982	0.4	0.3	0.4	0.4	0.4	0.4	0.2	0.1	0.3
1983	0.3	0.3	0.4	0.4	0.4	0.4	0.2	0.2	0.3
1984	0.3	0.3	0.4	0.3	0.3	0.4	0.2	0.1	0.3
1985	0.3	0.3	0.4	0.3	0.3	0.4	0.2	0.1	0.3
1986	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.3
1987	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.3
1988	0.3	0.2	0.3	0.3	0.3	0.4	0.1	0.1	0.1
1989	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.3
1990	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.2
1991	0.2	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.2
1992	0.2	0.2	0.3	0.3	0.3	0.3	0.1	0.1	0.1
1993	0.3	0.3	0.3	0.3	0.3	0.3	0.1	0.1	0.2
1994	0.2	0.2	0.2	0.3	0.3	0.2	0.1	0.1	0.2
1995	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1
1996	0.2	0.2	0.3	0.3	0.2	0.3	0.1	0.1	0.1
1997	0.2	0.2	0.2	0.2	0.2	0.3	0.1	0.1	0.1
1993-97	0.2	0.2	0.2	0.3	0.2	0.3	0.1	0.1	0.1

* * *

SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.
 NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

Table XXIV-4
TESTIS CANCER (Invasive)

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

	All Races, Males			White Males			Black Males		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 ^a	-	-	-	63	-	-	-	-	-
1970-73 ^a	-	-	-	72	-	-	-	-	-
1974-76 ^b	78.5	78.0	82.5	78.6	78.0	82.6	75.9 [†]	-	-
1977-79 ^b	87.4	88.5	77.6	87.8	88.8	78.7	66.2 [†]	-	-
1980-82 ^b	91.7	91.8	91.1	92.0	92.0	92.0	89.7 [†]	89.2 [†]	-
1983-85 ^b	91.1	91.9	82.7	91.4	92.3	81.3	87.9 [†]	84.2 [†]	-
1986-88 ^b	95.1	95.2	93.2	95.6	95.7	94.3	-	-	-
1989-96 ^b	95.4 ^S	95.7 ^S	90.6 ^S	95.7 ^S	96.0 ^S	91.5 ^S	87.5	88.9	-
1989-96 ^b									
ALL STAGES	95.4	95.7	90.6	95.7	96.0	91.5	87.5	88.9	-
LOCALIZED	98.6	98.7	96.1	98.6	98.7	97.0	97.4	99.0	-
REGIONAL	96.9	97.4	90.9 [†]	97.3	97.7	92.7 [†]	-	-	-
DISTANT	74.8	75.9	56.3 [†]	75.9	77.3	54.3 [†]	-	-	-
UNSTAGED	90.0	89.4	-	90.5	89.9	-	-	-	-
<u>STAGE DISTRIBUTION (%) 1989-96^b</u>									
ALL STAGES									
Number of cases	5,104	4,732	372	4,773	4,421	352	102	96	6
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	68	68	66	68	68	67	58	58	50
REGIONAL	19	19	19	19	19	18	23	23	17
DISTANT	11	11	13	11	11	12	18	17	33
UNSTAGED	2	2	2	2	2	3	2	2	-
<u>5-YR RELATIVE SURVIVAL RATES, 1989-96^b</u>									
AGE AT DIAGNOSIS:									
<45	95.6	-	-	95.9	-	-	88.2	-	-
45-54	96.3	-	-	96.3	-	-	-	-	-
55-64	89.2	-	-	90.1	-	-	-	-	-
65-74	79.2 [†]	-	-	81.4 [†]	-	-	-	-	-
75+	91.1 [†]	-	-	-	-	-	-	-	-
Under 65	95.6	-	-	95.8	-	-	87.5	-	-
65 and over	83.4 [†]	-	-	85.2 [†]	-	-	-	-	-

^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 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 1997.
^S The difference in rates between 1974-76 and 1989-96 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.

Table XXIV-5
TESTIS CANCER (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	3.2	3.8	3.2	3.5	4.0	3.8	4.0	4.1	4.0	4.1	4.3	4.4	4.1	4.9	4.6	4.5	4.6	4.5	4.9	4.2	4.7	4.8
Mortality																						
U.S.	0.6	0.6	0.5	0.5	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2
SEER	0.7	0.6	0.5	0.4	0.5	0.3	0.4	0.3	0.3	0.3	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2
Relative Survival Rates (SEER)																						
1-year	91.3	94.5	95.3	95.0	95.8	97.1	96.2	95.7	95.6	97.1	98.1	98.3	98.9	98.2	98.2	98.4	97.9	96.8	97.6	98.3	97.9	
2-year	85.3	89.5	91.2	91.6	90.7	94.2	93.7	92.9	92.3	94.0	96.6	97.4	96.6	95.8	96.7	96.8	96.6	95.9	96.3	97.2		
3-year	82.8	87.7	89.2	90.6	89.9	94.0	93.5	91.8	91.6	93.4	96.5	96.4	95.8	95.1	96.2	95.6	95.8	95.2	95.6			
4-year	82.0	86.3	88.3	89.8	89.2	94.0	92.8	91.1	90.4	92.7	95.8	95.7	95.0	94.8	96.2	95.1	95.8	95.1				
5-year	81.5	85.2	87.4	89.8	89.2	93.9	92.1	90.9	89.7	92.5	95.5	95.3	94.5	94.7	96.2	95.1	95.4					
6-year	81.4	84.6	87.4	89.5	89.2	93.0	92.1	90.9	88.8	92.2	95.3	94.6	94.3	94.6	96.1	94.7						
7-year	80.9	84.3	87.4	89.2	89.2	92.9	92.1	90.4	88.8	92.2	95.3	94.4	94.1	94.1	95.8							
8-year	80.5	84.2	87.4	89.2	89.2	92.9	91.9	89.5	88.3	91.4	95.3	94.4	93.2	94.0								
9-year	80.5	84.2	87.4	89.2	89.2	92.4	91.5	89.2	87.4	91.4	95.0	94.4	92.9									
10-year	79.6	83.9	86.3	89.2	89.0	92.4	91.3	89.0	86.9	91.2	94.4	94.4										
11-year	78.8	83.6	86.3	88.3	89.0	91.9	91.3	88.7	86.4	90.3	94.4											
12-year	78.7	83.3	86.3	88.3	88.9	91.7	91.3	88.5	86.4	90.3												
13-year	77.2	82.5	86.3	88.3	88.2	90.7	91.3	87.4	86.4													
14-year	76.1	82.5	85.7	88.3	87.5	89.2	90.8	87.4														
15-year	75.7	82.3	85.7	88.3	87.0	89.2	90.3															
16-year	74.6	81.5	85.2	88.3	86.8	88.2																
17-year	74.2	79.8	84.9	88.2	86.3																	
18-year	73.4	78.9	84.9	87.9																		
19-year	73.4	78.7	83.7																			
20-year	73.4	78.0																				
21-year	73.4																					

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 XXIV-6
TESTIS CANCER (Invasive)

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

Lifetime Risk (Percent) of Being Diagnosed With Cancer and
 Lifetime Risk (Percent) of Dying From Cancer

9 SEER Areas, 1995-97

All Races

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.02	0.12	0.35
10	0.02	0.12	0.24	0.35
20	0.10	0.22	0.29	0.33
30	0.13	0.19	0.21	0.24
40	0.06	0.09	0.11	0.11
50	0.03	0.04	0.05	0.05
60	0.02	0.02	0.03	0.03

Lifetime Risk of Being Diagnosed = 0.35%
 Lifetime Risk of Dying = 0.02%

Whites

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.02	0.14	0.40
10	0.02	0.14	0.28	0.40
20	0.12	0.26	0.33	0.39
30	0.14	0.22	0.24	0.27
40	0.07	0.10	0.12	0.13
50	0.03	0.05	0.06	0.06
60	0.02	0.03	0.03	0.03

Lifetime Risk of Being Diagnosed = 0.40%
 Lifetime Risk of Dying = 0.02%

Blacks

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

Lifetime Risk of Being Diagnosed = 0.08%
 Lifetime Risk of Dying = 0.00%

Table XXIV-7
TESTIS CANCER (Invasive)

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

By Race/Ethnicity and Sex

Incidenceⁱ

RACE/ETHNICITY	Rate 1990-1997	Trend 1990-1997
	Rate per 100,000 persons	EAPC (%)
	Males	Males
All Races	4.4	0.5
White	5.1	0.5
White Hispanic	3.2	1.0
White Non-Hispanic	5.6	0.6
Black	0.9	8.8
Asian/Pacific Islander	1.8	0.9
American Indian	2.1	-
Hispanic [⊙]	3.0	1.2

Mortality[❖]

RACE/ETHNICITY	Rate 1990-1997	Trend 1990-1997
	Rate per 100,000 persons	EAPC (%)
	Males	Males
All Races	0.2	-2.1
White	0.3	-2.1
White Hispanic	0.3	1.2
White Non-Hispanic	0.3	-2.1★
Black	0.1	-0.4
Asian/Pacific Islander	-	-
American Indian	-	-
Hispanic [⊙]	0.2	0.8

- 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 11 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, 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, Hawaii, 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).
- [★] The EAPC is significantly different from zero (p<.05).

Table XXIV-8
TESTIS CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES§ AND SEER MORTALITY RATES*
 By Registry and Race

	All Races, Males	White Males	Black Males
<u>SEER INCIDENCE RATES§, 1993-97</u>			
<u>REGISTRY</u>			
11 registries	4.4	5.1	1.1
9 registries	4.6	5.3	1.0
San Francisco-Oakland	4.4	5.7	0.9
Connecticut	4.8	5.3	0.6
Metropolitan Detroit	4.5	5.4	1.3
Hawaii	4.0	6.6	-
Iowa	4.8	4.9	-
New Mexico	4.6	5.0	-
Seattle-Puget Sound	5.6	6.1	0.7
Utah	5.3	5.4	-
Metropolitan Atlanta	3.3	4.2	1.3
San Jose-Monterey	4.5	5.4	0.3
Los Angeles	3.8	4.6	1.2
<u>SEER MORTALITY RATES*, 1993-97</u>			
<u>REGISTRY</u>			
11 registries	0.2	0.3	0.1
9 registries	0.2	0.3	0.1
San Francisco-Oakland	0.2	0.3	0.1
Connecticut	0.2	0.2	0.1
Metropolitan Detroit	0.3	0.3	0.2
Hawaii	0.2	0.3	-
Iowa	0.2	0.2	-
New Mexico	0.2	0.2	-
Seattle-Puget Sound	0.2	0.2	0.0
Utah	0.3	0.3	-
Metropolitan Atlanta	0.1	0.1	0.0
San Jose-Monterey	0.3	0.4	0.2
Los Angeles	0.3	0.4	0.2

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 XXIV-9
TESTIS CANCER (Invasive)

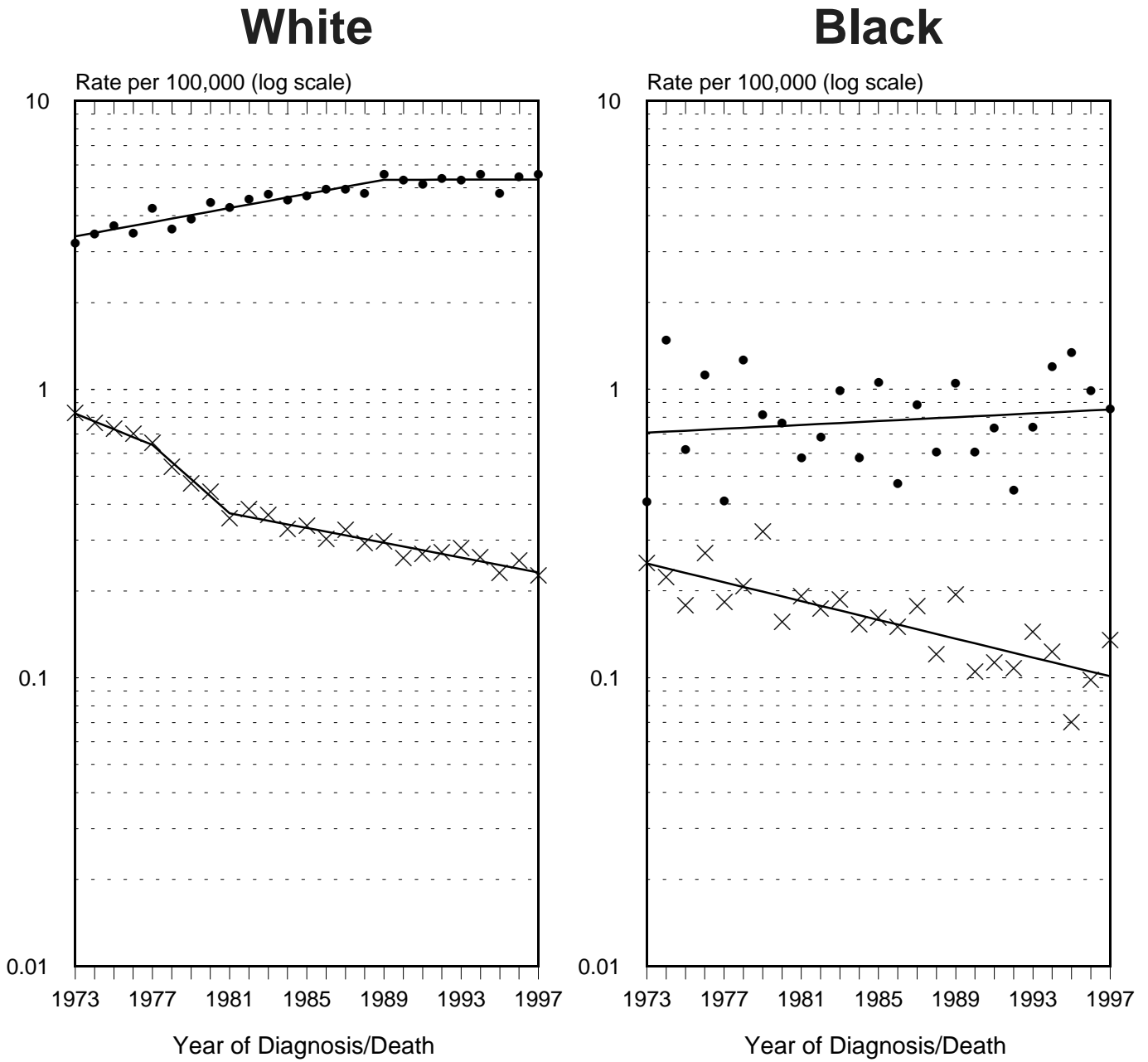
AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1993-97

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	0.2	0.01							
High Five States									
Rhode Island	0.5*	0.14	(01)	150.0					
Vermont	0.4*	0.15	(02)	100.0					
Montana	0.3*	0.12	(03)	50.0					
South Dakota	0.3*	0.13	(04)	50.0					
Oregon	0.3*	0.06	(05)	50.0					
Low Five States									
Oklahoma	0.2	0.04	(47)	0.0					
Nebraska	0.2	0.06	(48)	0.0					
North Carolina	0.1*	0.03	(49)	-50.0					
Georgia	0.1*	0.03	(50)	-50.0					
Delaware	0.1*	0.06	(51)	-50.0					
Alabama	0.2	0.04	(27)	0.0	Montana	0.3*	0.12	(03)	50.0
Alaska	0.2	0.09	(41)	0.0	Nebraska	0.2	0.06	(48)	0.0
Arizona	0.2	0.04	(26)	0.0	Nevada	0.3*	0.08	(06)	50.0
Arkansas	0.3*	0.06	(11)	50.0	New Hampshire	0.3*	0.09	(10)	50.0
California	0.3*	0.02	(07)	50.0	New Jersey	0.2	0.03	(42)	0.0
Colorado	0.2	0.04	(39)	0.0	New Mexico	0.2	0.07	(22)	0.0
Connecticut	0.2	0.05	(28)	0.0	New York	0.2	0.02	(19)	0.0
Delaware	0.1*	0.06	(51)	-50.0	North Carolina	0.1*	0.03	(49)	-50.0
District of Columbia	0.2	0.12	(44)	0.0	North Dakota	0.2	0.12	(24)	0.0
Florida	0.3*	0.03	(13)	50.0	Ohio	0.2	0.03	(31)	0.0
Georgia	0.1*	0.03	(50)	-50.0	Oklahoma	0.2	0.04	(47)	0.0
Hawaii	0.2	0.07	(45)	0.0	Oregon	0.3*	0.06	(05)	50.0
Idaho	0.2	0.09	(17)	0.0	Pennsylvania	0.2	0.03	(25)	0.0
Illinois	0.2	0.02	(43)	0.0	Rhode Island	0.5*	0.14	(01)	150.0
Indiana	0.2	0.04	(34)	0.0	South Carolina	0.2	0.05	(33)	0.0
Iowa	0.2	0.06	(18)	0.0	South Dakota	0.3*	0.13	(04)	50.0
Kansas	0.2	0.05	(37)	0.0	Tennessee	0.2	0.04	(36)	0.0
Kentucky	0.2	0.05	(21)	0.0	Texas	0.2	0.02	(20)	0.0
Louisiana	0.2	0.04	(35)	0.0	Utah	0.3*	0.08	(09)	50.0
Maine	0.3*	0.09	(14)	50.0	Vermont	0.4*	0.15	(02)	100.0
Maryland	0.2	0.04	(29)	0.0	Virginia	0.2	0.03	(46)	0.0
Massachusetts	0.3*	0.04	(08)	50.0	Washington	0.2	0.03	(38)	0.0
Michigan	0.3*	0.03	(15)	50.0	West Virginia	0.3*	0.08	(12)	50.0
Minnesota	0.2	0.04	(40)	0.0	Wisconsin	0.2	0.04	(23)	0.0
Mississippi	0.3*	0.06	(16)	50.0	Wyoming	0.2	0.12	(32)	0.0
Missouri	0.2	0.04	(30)	0.0					

* 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).

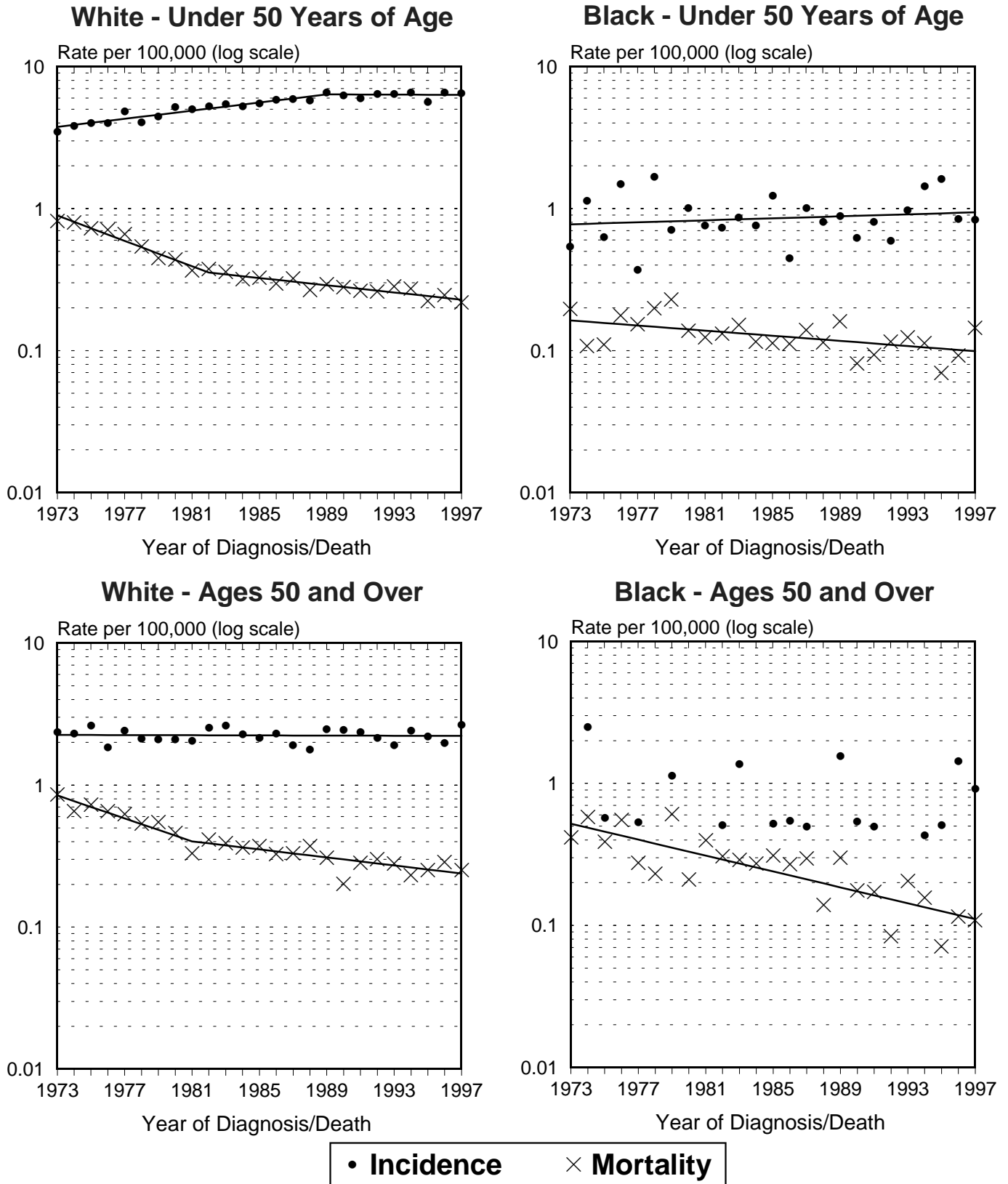
SEER Incidence and U.S. Mortality Rates⁺ Testis By Race



• Incidence × Mortality

⁺ Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

SEER Incidence and U.S. Mortality Rates[†] Testis, By Age and Race



[†] Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program. Regression line could not be calculated for the Black Male 50+ Incidence Rates due to years with a rate of zero.