

Table XXIV-1
TESTIS CANCER (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY USING THE JOINTPOINT REGRESSION PROGRAM, 1973-1998
WITH UP TO THREE JOINTPOINTS 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	1973-98	1.7★	1973-89 1989-98	2.7★ 0.5	1973-98	1.2
Age - Under 50	1973-87 1987-98	3.0★ 0.9	1973-86 1986-98	3.6★ 1.1★	1973-98	1.3
Age - 50 and Over	1973-98	-0.3	1973-98	-0.2		
<u>U.S. Cancer Mortality</u>						
Age - All Ages	1973-77 1977-81 1981-98	-5.9★ -12.7★ -2.8★	1973-77 1977-81 1981-98	-5.9★ -13.0★ -2.7★	1973-98	-3.2★
Age - Under 50	1973-77 1977-81 1981-98	-5.9★ -13.5★ -2.8★	1973-76 1976-81 1981-98	-4.2 -12.8★ -2.7★	1973-98	-2.1★
Age - 50 and Over	1973-81 1981-98	-8.5★ -3.1★	1973-82 1982-98	-8.2★ -2.7★	1973-98	-4.7★

The APC is the Annual Percent Change based on rates age-adjusted to the 1970 U.S. standard population using the Jointpoint 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 Mortalityδ		
	All Races, Males	White Males	Black Males	All Races, Males	White Males	Black Males
<u>AGE-SPECIFIC RATES, 1994-98</u>						
AGE AT DIAGNOSIS/DEATH:						
0-4	-	-	-	-	-	-
5-9	-	-	-	-	-	-
10-14	-	-	-	-	-	-
15-19	3.1	3.6	-	0.1	0.1	-
20-24	7.6	9.0	-	0.4	0.4	-
25-29	14.3	17.0	-	0.5	0.5	-
30-34	14.1	16.6	-	0.5	0.6	-
35-39	12.1	13.7	-	0.5	0.6	0.4
40-44	8.7	9.9	-	0.4	0.4	-
45-49	6.0	6.7	-	0.3	0.3	-
50-54	3.6	4.0	-	0.2	0.2	-
55-59	2.1	2.4	-	0.3	0.3	-
60-64	1.7	1.8	-	0.2	0.2	-
65-69	1.8	2.1	-	0.2	0.2	-
70-74	-	-	-	0.3	0.3	-
75-79	-	-	-	0.3	0.3	-
80-84	-	-	-	0.4	0.4	-
85+	-	-	-	-	-	-
<u>AGE-ADJUSTED RATES, 1994-98</u>						
AGE AT DIAGNOSIS/DEATH:						
All ages	4.7	5.5	1.2	0.2	0.2	0.1
Under 65	5.1	5.9	1.2	0.2	0.2	0.1
65 and over	1.2	1.3	-	0.3	0.3	-
All ages (world std.)⊕	5.0	5.8	1.2	0.2	0.2	0.1

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, unless noted.
 δ NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, unless noted.
 ⊕ 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 XXIV-3
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>									
YEAR OF DIAGNOSIS:									
1973	3.0	3.2	2.2	3.2	3.5	2.4	-	-	-
1974	3.3	3.6	2.3	3.5	3.8	2.3	-	-	-
1975	3.3	3.6	2.4	3.7	4.0	2.6	-	-	-
1976	3.2	3.7	1.6	3.5	4.0	1.8	-	-	-
1977	3.8	4.3	2.2	4.3	4.9	2.4	-	-	-
1978	3.2	3.7	1.9	3.6	4.1	2.1	-	-	-
1979	3.5	4.0	2.0	3.9	4.5	2.1	-	-	-
1980	4.0	4.6	1.9	4.5	5.2	2.1	-	-	-
1981	3.8	4.4	1.8	4.3	5.0	2.0	-	-	-
1982	4.0	4.6	2.3	4.6	5.3	2.5	-	-	-
1983	4.1	4.7	2.3	4.7	5.4	2.6	-	-	-
1984	4.0	4.6	2.0	4.6	5.3	2.3	-	-	-
1985	4.1	4.8	1.9	4.7	5.5	2.2	-	-	-
1986	4.3	5.0	2.2	5.0	5.8	2.3	-	-	-
1987	4.4	5.3	1.9	5.0	6.0	1.9	-	-	-
1988	4.1	4.9	1.5	4.8	5.8	1.8	-	-	-
1989	4.9	5.7	2.3	5.6	6.6	2.5	-	-	-
1990	4.6	5.3	2.2	5.3	6.3	2.5	-	-	-
1991	4.6	5.3	2.1	5.2	6.1	2.4	-	-	-
1992	4.6	5.4	2.0	5.4	6.4	2.2	-	-	-
1993	4.5	5.5	1.7	5.3	6.4	2.0	-	-	-
1994	4.9	5.8	2.2	5.6	6.7	2.4	-	-	-
1995	4.2	4.9	1.9	4.8	5.7	2.2	-	-	-
1996	4.7	5.6	1.8	5.5	6.6	2.0	-	-	-
1997	4.8	5.6	2.5	5.6	6.6	2.7	-	-	-
1998	4.9	6.0	1.6	5.7	7.0	1.8	-	-	-
1994-98	4.7	5.6	2.0	5.5	6.5	2.2	1.2	1.3	-
<u>U.S. MORTALITY RATES</u>									
YEAR OF DEATH:									
1973	0.8	0.7	0.8	0.8	0.8	0.9	-	-	-
1974	0.7	0.7	0.6	0.8	0.8	0.7	-	-	-
1975	0.7	0.7	0.7	0.7	0.7	0.7	-	-	-
1976	0.6	0.6	0.6	0.7	0.7	0.7	0.3	-	-
1977	0.6	0.6	0.6	0.7	0.7	0.6	-	-	-
1978	0.5	0.5	0.5	0.5	0.5	0.5	0.2	-	-
1979	0.5	0.4	0.5	0.5	0.4	0.5	0.3	-	-
1980	0.4	0.4	0.4	0.4	0.4	0.5	-	-	-
1981	0.3	0.3	0.3	0.4	0.4	0.3	-	-	-
1982	0.4	0.3	0.4	0.4	0.4	0.4	-	-	-
1983	0.3	0.3	0.4	0.4	0.4	0.4	-	-	-
1984	0.3	0.3	0.4	0.3	0.3	0.4	-	-	-
1985	0.3	0.3	0.4	0.3	0.3	0.4	-	-	-
1986	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-
1987	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-
1988	0.3	0.2	0.3	0.3	0.3	0.4	-	-	-
1989	0.3	0.3	0.3	0.3	0.3	0.3	0.2	-	-
1990	0.2	0.2	0.2	0.3	0.3	0.2	-	-	-
1991	0.2	0.2	0.3	0.3	0.3	0.3	-	-	-
1992	0.2	0.2	0.3	0.3	0.3	0.3	-	-	-
1993	0.3	0.3	0.3	0.3	0.3	0.3	-	-	-
1994	0.2	0.2	0.2	0.3	0.3	0.2	-	-	-
1995	0.2	0.2	0.2	0.2	0.2	0.3	-	-	-
1996	0.2	0.2	0.3	0.3	0.2	0.3	-	-	-
1997	0.2	0.2	0.2	0.2	0.2	0.3	-	-	-
1998	0.2	0.2	0.3	0.3	0.3	0.3	-	-	-
1994-98	0.2	0.2	0.2	0.2	0.2	0.3	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.
 - Statistic not shown. Rate based on less than 25 cases for the time interval.

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	78.6	78.0	82.9	78.7	78.1	83.3	75.9↑	-	-
1977-79 ^b	87.4	88.5	77.1	87.8	88.9	78.1	66.2↑	-	-
1980-82 ^b	91.8	91.8	91.1	92.0	92.0	92.0	89.7↑	89.2↑	-
1983-85 ^b	91.1	91.9	82.5	91.3	92.3	81.1	87.9↑	84.2↑	-
1986-88 ^b	95.2	95.3	93.3	95.7	95.8	94.3	-	-	-
1989-91 ^b	95.4	95.4	93.6	95.7	95.7	94.7	91.1↑	93.3↑	-
1992-97 ^b	95.3Ω	95.7Ω	88.4	95.4Ω	95.9Ω	88.6	87.6	87.8	-
1992-97 ^b									
ALL STAGES	95.3	95.7	88.4	95.4	95.9	88.6	87.6	87.8	-
LOCALIZED	98.5	98.5	95.9	98.5	98.4	96.5	96.5	96.0	-
REGIONAL	94.6	95.9	80.3↑	95.0	96.3	80.8↑	-	-	-
DISTANT	75.7	77.9	48.0↑	75.8	78.6	42.5↑	-	-	-
UNSTAGED	92.7	92.9	-	92.4	92.6	-	-	-	-
<u>STAGE DISTRIBUTION (%) 1992-97^b</u>									
ALL STAGES									
Number of cases	3,906	3,610	296	3,646	3,369	277	87	82	5
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	69	69	66	69	70	66	58	59	40
REGIONAL	18	18	19	18	18	18	20	21	-
DISTANT	11	11	14	10	10	13	21	18	60
UNSTAGED	2	2	2	2	2	3	2	2	-
<u>5-YR RELATIVE SURVIVAL RATES, 1992-97^b</u>									
AGE AT DIAGNOSIS:									
<45	95.7	-	-	95.8	-	-	88.8	-	-
45-54	95.0	-	-	95.3	-	-	-	-	-
55-64	87.7↑	-	-	87.2↑	-	-	-	-	-
65-74	73.6↑	-	-	74.3↑	-	-	-	-	-
75+	-	-	-	-	-	-	-	-	-
Under 65	95.5	-	-	95.6	-	-	87.6	-	-
65 and over	76.6↑	-	-	77.4↑	-	-	-	-	-

^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.

Ω The difference in rates between 1974-76 and 1992-97 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

	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Incidence																				
SEER	3.3	4.0	3.8	4.0	4.1	4.0	4.1	4.3	4.4	4.1	4.9	4.6	4.6	4.6	4.5	4.9	4.2	4.7	4.8	4.9
Mortality																				
U.S.	0.7	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	0.2
SEER	0.8	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	0.2
Relative Survival Rates (SEER)																				
1-year	90.1	95.8	97.1	96.2	95.7	95.6	97.1	98.1	98.3	98.8	98.2	98.2	98.4	97.9	96.9	97.7	98.3	97.8	97.4	
2-year	84.1	90.7	94.2	93.7	92.8	92.4	94.0	96.6	97.4	96.6	95.7	96.7	96.8	96.7	95.9	96.4	97.2	96.2		
3-year	81.0	89.9	94.0	93.5	91.6	91.7	93.4	96.5	96.4	95.8	95.0	96.2	95.6	95.9	95.3	95.8	96.1			
4-year	80.3	89.3	94.0	92.9	91.0	90.4	92.7	95.8	95.7	95.2	94.7	96.2	95.2	95.9	95.3	95.8				
5-year	80.2	89.3	93.9	92.2	90.8	89.8	92.5	95.5	95.3	94.7	94.6	96.2	95.2	95.6	95.1					
6-year	79.5	89.3	93.0	92.2	90.8	88.9	92.3	95.4	94.6	94.5	94.5	95.9	94.9	95.3						
7-year	79.4	89.3	92.9	92.2	90.2	88.9	92.3	95.4	94.5	94.3	94.1	95.8	94.7							
8-year	78.7	89.3	92.9	92.0	89.4	88.4	91.4	95.3	94.5	93.3	94.0	95.8								
9-year	78.4	89.3	92.4	91.5	89.1	87.5	91.4	95.1	94.5	93.1	93.5									
10-year	77.1	89.1	92.4	91.4	88.9	87.1	91.3	94.5	94.5	92.9										
11-year	76.5	89.1	91.9	91.4	88.6	86.6	90.5	94.5	94.2											
12-year	76.1	88.9	91.7	91.4	88.5	86.6	90.5	93.8												
13-year	75.8	88.2	90.7	91.4	87.4	86.6	89.8													
14-year	74.1	87.6	89.2	90.8	87.4	86.6														
15-year	73.7	87.1	89.2	90.5	86.3															
16-year	73.4	87.0	88.5	90.0																
17-year	73.4	86.5	88.2																	
18-year	72.7	86.3																		
19-year	72.0																			
20-year	71.7																			
21-year	71.7																			
22-year	71.4																			
23-year	71.4																			

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

1996-1998

All Races

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.02	0.12	0.35
10	0.02	0.11	0.23	0.35
20	0.10	0.22	0.29	0.33
30	0.12	0.19	0.22	0.24
40	0.07	0.10	0.11	0.12
50	0.03	0.04	0.05	0.05
60	0.01	0.02	0.02	0.02

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	0.41
10	0.02	0.14	0.28	0.41
20	0.12	0.26	0.34	0.39
30	0.14	0.22	0.25	0.28
40	0.09	0.12	0.13	0.14
50	0.03	0.05	0.05	0.05
60	0.01	0.02	0.02	0.02

Lifetime Risk of Being Diagnosed = 0.41%

Lifetime Risk of Dying = 0.02%

Blacks

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

Table XXIV-7
TESTIS CANCER (Invasive)

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

By Race/Ethnicity and Sex

Incidence^x

RACE/ETHNICITY	Rate 1992-1998	Trend 1992-1998
	Rate per 100,000 persons	EAPC (%)
	Males	Males
All Races	4.4	1.3
White	5.2	1.3
White Hispanic	3.3	1.4
White Non-Hispanic	5.7	1.4
Black	1.0	8.6
Asian/Pacific Islander	1.8	0.5
Amer Ind/Alask Nat	2.2	-
Hispanic [⊗]	3.1	1.6

Mortality[❖]

RACE/ETHNICITY	Rate 1992-1998	Trend 1992-1998
	Rate per 100,000 persons	EAPC (%)
	Males	Males
All Races	0.2	-1.7
White	0.3	-2.0
White Hispanic	0.3	-7.2
White Non-Hispanic	0.3	-1.4
Black	0.1	2.8
Asian/Pacific Islander	0.1	-
Amer Ind/Alask Nat	-	-
Hispanic [⊗]	0.2	-7.0

- 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.
- x 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) and Alaska. 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/Native Alaskans. 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		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>SEER INCIDENCE RATES§, 1994-98</u>									
REGISTRY									
11 registries	4.5	5.3	2.0	5.3	6.3	2.2	1.2	1.3	-
9 registries	4.7	5.6	2.0	5.5	6.5	2.2	1.2	1.3	-
San Francisco-Oakland	4.6	5.3	2.2	5.9	6.9	2.7	-	-	-
Connecticut	4.9	5.9	1.9	5.4	6.5	2.0	-	-	-
Metropolitan Detroit	4.6	5.3	2.3	5.4	6.3	2.8	1.3	1.6	-
Hawaii	4.1	5.1	-	6.6	8.3	-	-	-	-
Iowa	5.0	5.9	2.5	5.2	6.1	2.6	-	-	-
New Mexico	4.5	5.4	-	4.9	5.9	-	-	-	-
Seattle-Puget Sound	5.6	6.7	2.0	6.2	7.5	2.1	-	-	-
Utah	5.3	6.5	-	5.5	6.7	-	-	-	-
Metropolitan Atlanta	3.4	4.0	-	4.3	5.2	-	1.5	1.5	-
San Jose-Monterey	4.7	5.4	2.5	5.6	6.5	2.8	-	-	-
Los Angeles	3.9	4.6	1.8	4.7	5.6	2.1	1.2	1.3	-
<u>SEER MORTALITY RATES§, 1994-98</u>									
REGISTRY									
11 registries	0.2	0.2	0.3	0.3	0.3	0.3	-	-	-
9 registries	0.2	0.2	0.2	0.2	0.2	0.3	-	-	-
San Francisco-Oakland	0.2	-	-	-	-	-	-	-	-
Connecticut	-	-	-	-	-	-	-	-	-
Metropolitan Detroit	0.3	0.3	-	0.3	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-
Iowa	-	-	-	-	-	-	-	-	-
New Mexico	-	-	-	-	-	-	-	-	-
Seattle-Puget Sound	-	-	-	-	-	-	-	-	-
Utah	-	-	-	-	-	-	-	-	-
Metropolitan Atlanta	-	-	-	-	-	-	-	-	-
San Jose-Monterey	-	-	-	-	-	-	-	-	-
Los Angeles	0.3	0.3	-	0.4	0.4	-	-	-	-

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 XXIV-9
TESTIS CANCER (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY^d RATES BY STATE, 1994-98

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	0.2	0.01		
High Five States				
Rhode Island	0.4'	0.12	(01)	100.0
Vermont	0.4'	0.14	(02)	100.0
Wyoming	0.4'	0.17	(03)	100.0
Maine	0.3'	0.09	(04)	50.0
Nevada	0.3'	0.08	(05)	50.0
Low Five States				
Colorado	0.1'	0.04	(47)	-50.0
North Dakota	0.1'	0.09	(48)	-50.0
Delaware	0.1'	0.07	(49)	-50.0
Georgia	0.1 ^{3/4} '	0.02	(50)	-50.0
District of Columbia	0.1'	0.07	(51)	-50.0

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	0.2	0.04	(27)	0.0	Montana	0.3'	0.10	(16)	50.0
Alaska	0.2	0.10	(38)	0.0	Nebraska	0.3'	0.08	(14)	50.0
Arizona	0.3'	0.05	(19)	50.0	Nevada	0.3'	0.08	(05)	50.0
Arkansas	0.3'	0.06	(12)	50.0	New Hampshire	0.2	0.07	(33)	0.0
California	0.3'	0.02	(10)	50.0	New Jersey	0.2	0.03	(41)	0.0
Colorado	0.1'	0.04	(47)	-50.0	New Mexico	0.3'	0.08	(15)	50.0
Connecticut	0.1'	0.04	(45)	-50.0	New York	0.2	0.02	(25)	0.0
Delaware	0.1'	0.07	(49)	-50.0	North Carolina	0.2	0.03	(44)	0.0
District of Columbia	0.1'	0.07	(51)	-50.0	North Dakota	0.1'	0.09	(48)	-50.0
Florida	0.3'	0.03	(11)	50.0	Ohio	0.2	0.03	(23)	0.0
Georgia	0.1 ^{3/4} '	0.02	(50)	-50.0	Oklahoma	0.2	0.05	(42)	0.0
Hawaii	0.2	0.08	(32)	0.0	Oregon	0.3'	0.05	(08)	50.0
Idaho	0.2	0.09	(31)	0.0	Pennsylvania	0.2	0.03	(24)	0.0
Illinois	0.2	0.02	(43)	0.0	Rhode Island	0.4'	0.12	(01)	100.0
Indiana	0.2	0.04	(34)	0.0	South Carolina	0.2	0.04	(30)	0.0
Iowa	0.2	0.05	(35)	0.0	South Dakota	0.3'	0.10	(17)	50.0
Kansas	0.2	0.06	(26)	0.0	Tennessee	0.2	0.04	(36)	0.0
Kentucky	0.2	0.05	(20)	0.0	Texas	0.2	0.02	(22)	0.0
Louisiana	0.2	0.04	(29)	0.0	Utah	0.2	0.07	(28)	0.0
Maine	0.3'	0.09	(04)	50.0	Vermont	0.4'	0.14	(02)	100.0
Maryland	0.2	0.04	(21)	0.0	Virginia	0.1'	0.03	(46)	-50.0
Massachusetts	0.3'	0.04	(06)	50.0	Washington	0.2	0.03	(39)	0.0
Michigan	0.3'	0.03	(07)	50.0	West Virginia	0.3'	0.07	(13)	50.0
Minnesota	0.2	0.04	(37)	0.0	Wisconsin	0.3'	0.04	(18)	50.0
Mississippi	0.3'	0.06	(09)	50.0	Wyoming	0.4'	0.17	(03)	100.0
Missouri	0.2	0.04	(40)	0.0					

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

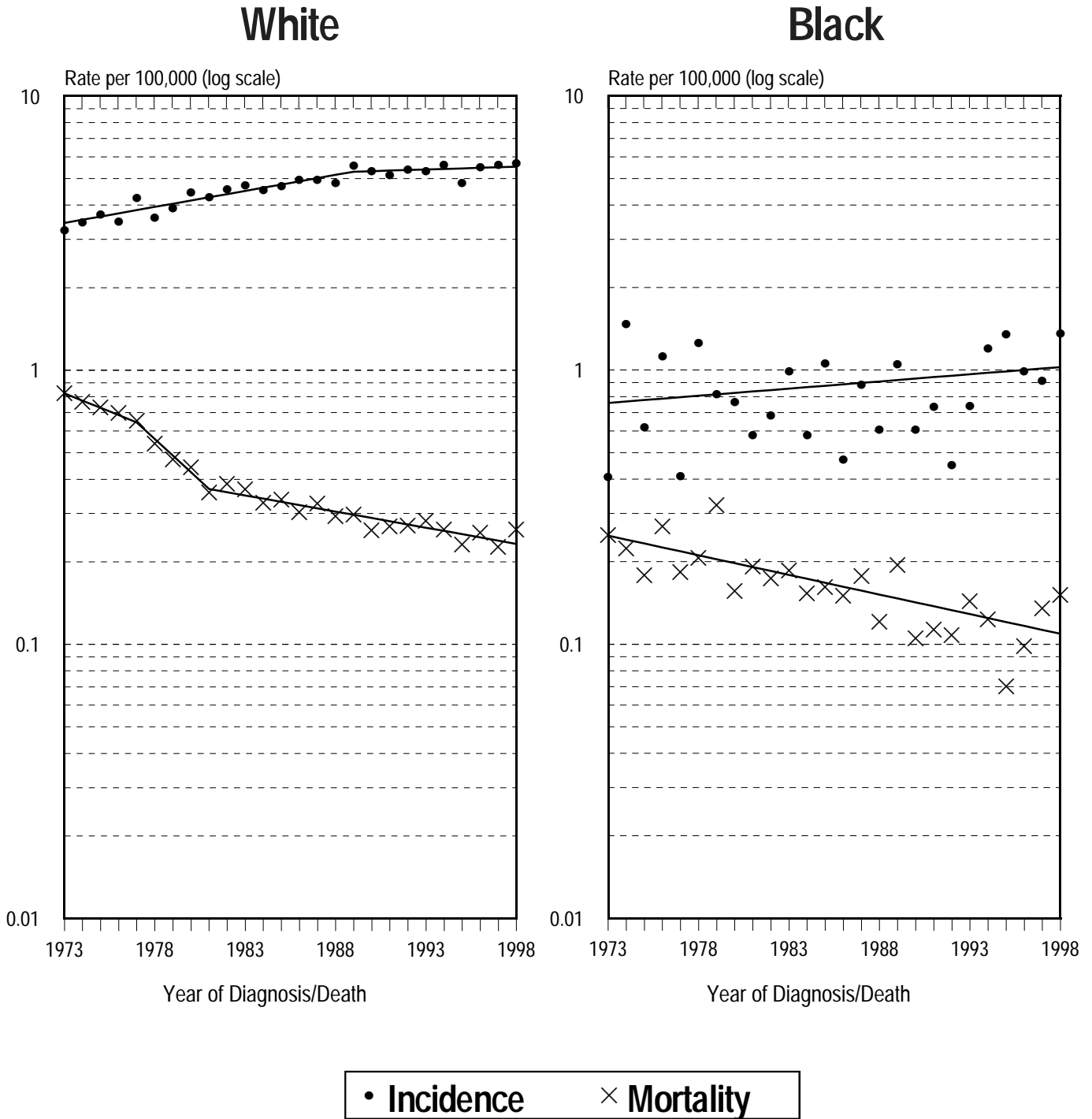
SE Standard error of the rate.

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.

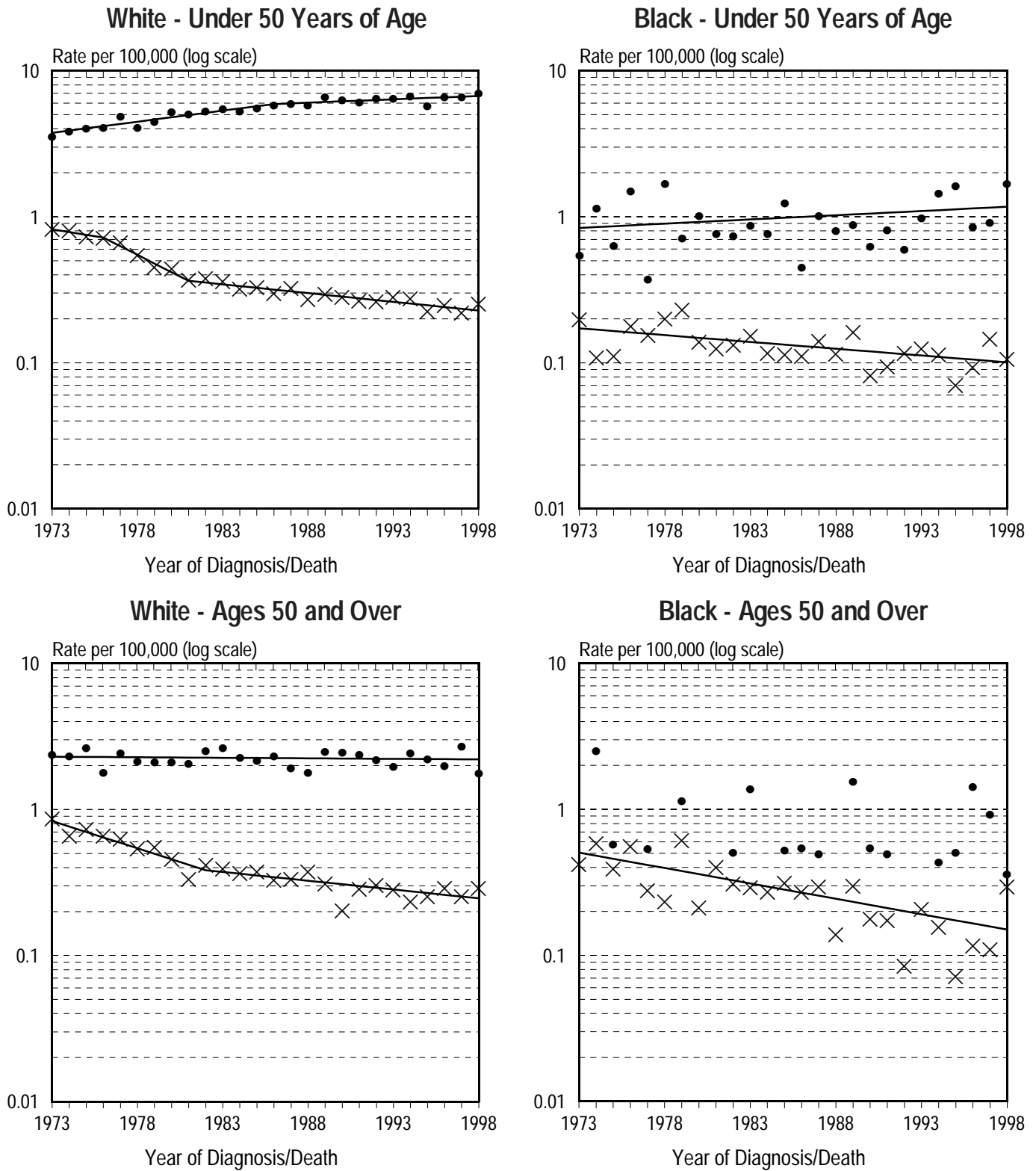
^{3/4} Difference between state rate and total U.S. rate is statistically significant ($p < .0002$).

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



⁺ 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



• Incidence × Mortality

⁺ 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.