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<th>Age - All Ages</th>
<th>SEER Cancer Incidence(a)</th>
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<th>APC</th>
<th>1973–89</th>
<th>APC</th>
<th>1973–99</th>
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<td>Age - Under 50</td>
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<td>Age - 50 and Over</td>
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<td>-12.2*</td>
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<td>-2.9*</td>
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<tr>
<td>Age - Under 50</td>
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<td>1973–99</td>
<td>-1.6*</td>
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<td>-2.5*</td>
<td>1997–99</td>
<td>9.1</td>
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<td>1979–81</td>
<td>8.7</td>
<td></td>
<td>1981–97</td>
<td>9.1</td>
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<tr>
<td>Age - 50 and Over</td>
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<td>1973–99</td>
<td>-4.7*</td>
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<td>-0.3</td>
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<td>1981–99</td>
<td>-2.9*</td>
</tr>
</tbody>
</table>

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 U.S. standard population by 5-year age groups using the Joinpoint Regression Program.

* Trends are from the SEER 9 areas.

\(a\) Trends are from the NCHS public use data file.

\(b\) The APC is significantly different from zero (p<.05).
Table XXIV-2
TESTIS CANCER (Invasive)
SEER INCIDENCES§ AND U.S. DEATH§ RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE

<table>
<thead>
<tr>
<th>Incidence§</th>
<th>US Death§</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Races, Males</td>
<td>White Males</td>
</tr>
<tr>
<td>All Races, Males</td>
<td>White Males</td>
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AGE-SPECIFIC RATES, 1995-99

AGE AT DIAGNOSIS/DEATH:

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<thead>
<tr>
<th>Age Group</th>
<th>Incidence</th>
<th>US Death</th>
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<tbody>
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<td>0.6</td>
<td>-</td>
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<td>5-9</td>
<td>-</td>
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<td>10-14</td>
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<td>15-19</td>
<td>3.1</td>
<td>0.1</td>
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<td>20-24</td>
<td>8.1</td>
<td>0.3</td>
</tr>
<tr>
<td>25-29</td>
<td>13.4</td>
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<td>30-34</td>
<td>14.5</td>
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<td>35-39</td>
<td>12.3</td>
<td>0.5</td>
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</tr>
<tr>
<td>55-59</td>
<td>2.1</td>
<td>0.2</td>
</tr>
<tr>
<td>60-64</td>
<td>1.6</td>
<td>0.2</td>
</tr>
<tr>
<td>65-69</td>
<td>1.5</td>
<td>0.2</td>
</tr>
<tr>
<td>70-74</td>
<td>-</td>
<td>0.3</td>
</tr>
<tr>
<td>75-79</td>
<td>-</td>
<td>0.3</td>
</tr>
<tr>
<td>80-84</td>
<td>-</td>
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<tr>
<td>85+</td>
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<td>0.4</td>
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</tbody>
</table>

AGE-ADJUSTED RATES, 1995-99

AGE AT DIAGNOSIS/DEATH:

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Incidence</th>
<th>US Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>All ages</td>
<td>5.4</td>
<td>0.3</td>
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<tr>
<td>Under 65</td>
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<td>0.3</td>
</tr>
<tr>
<td>65 and over</td>
<td>1.0</td>
<td>0.3</td>
</tr>
</tbody>
</table>

All ages (world std.)① 5.0 5.8 1.2 0.2 0.2 0.1

§ 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.
① 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.
① 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>
<thead>
<tr>
<th>YEAR OF DIAGNOSIS</th>
<th>SEER INCIDENCE RATES</th>
<th>YEAR OF DEATH</th>
<th>U.S. DEATH RATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>All Males, &lt;50</td>
<td>3.3</td>
<td>0.9</td>
<td>0.9</td>
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<tr>
<td>All Males, 50+</td>
<td>3.8</td>
<td>0.8</td>
<td>0.8</td>
</tr>
<tr>
<td>White Males, &lt;50</td>
<td>3.6</td>
<td>0.7</td>
<td>0.7</td>
</tr>
<tr>
<td>White Males, 50+</td>
<td>3.8</td>
<td>0.8</td>
<td>0.8</td>
</tr>
<tr>
<td>Black Males, &lt;50</td>
<td>3.6</td>
<td>0.7</td>
<td>0.7</td>
</tr>
<tr>
<td>Black Males, 50+</td>
<td>3.8</td>
<td>0.8</td>
<td>0.8</td>
</tr>
</tbody>
</table>

Note: SEER 9 areas. Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population.
NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 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

<table>
<thead>
<tr>
<th>Year of Diagnosis</th>
<th>All Races, Males</th>
<th>White Males</th>
<th>Black Males</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>All &lt;50 50+</td>
<td>All &lt;50 50+</td>
<td>All &lt;50 50+</td>
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<tr>
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<tr>
<td>1970-73</td>
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<tr>
<td>1974-76</td>
<td>78.7 82.9</td>
<td>78.8 83.3</td>
<td>75.9</td>
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<td>1977-79</td>
<td>87.3 77.1</td>
<td>87.8 78.1</td>
<td>66.2</td>
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<tr>
<td>1980-82</td>
<td>91.8 91.8</td>
<td>92.1 92.7</td>
<td>89.7</td>
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<tr>
<td>1983-85</td>
<td>91.0 82.3</td>
<td>91.3 80.9</td>
<td>87.9</td>
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<td>1986-88</td>
<td>95.1 93.4</td>
<td>95.6 94.3</td>
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<tr>
<td>1989-91</td>
<td>95.4 93.8</td>
<td>95.7 94.9</td>
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</tr>
<tr>
<td>1992-98</td>
<td>95.40 89.1</td>
<td>95.70 89.5</td>
<td>84.7</td>
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</table>

1992-98

<table>
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<th>Stage Distribution (%) 1992-98</th>
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5-YR RELATIVE SURVIVAL RATES, 1992-98

<table>
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<th>Age at Diagnosis</th>
<th>All Races, Males</th>
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<th>Black Males</th>
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</thead>
<tbody>
<tr>
<td>&lt;45</td>
<td>95.7</td>
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<td>55-64</td>
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<td>75+</td>
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<tr>
<td>Under 65</td>
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<tr>
<td>65 and over</td>
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<td>78.0</td>
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</table>

* Rates are based on End Results data from a series of hospital registries and one population-based registry.
* Rates are from the SEER 9 areas. They are based on data from population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound and San Francisco-Oakland. Rates are based on follow-up of patients into 1999.
* The difference in rates between 1974-76 and 1992-98 is statistically significant (p<.05).
* The standard error of the survival rate is between 5 and 10 percentage points.
* The standard error of the survival rate is greater than 10 percentage points.
* Statistic could not be calculated.
Table XXIV-5
TESTIS CANCER (Invasive)

INCIDENCE, DEATH, AND SURVIVAL RATES

By Year of Diagnosis/Death
All Races, Males

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</table>

a Rates are from the SEER 9 areas.
b Rates are from the NCHS public use data file.
Incidence and death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups. Survival rates are relative rates expressed as percents.
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Lifetime Risk of Being Diagnosed = 0.35%
Lifetime Risk of Dying = 0.02%

### Whites

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Lifetime Risk of Being Diagnosed = 0.42%
Lifetime Risk of Dying = 0.02%

### Blacks

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Lifetime Risk of Being Diagnosed = 0.09%
Lifetime Risk of Dying = 0.01%
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.  
- Incidence data are from the 12 SEER areas (San Francisco, Connecticut, Detroit,  
  Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles,  
  and Alaska Native Registry).  
@ Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders,  
  and American Indians/Alaska Natives. Incidence data for Hispanics does not  
  include cases from Detroit, Hawaii and Alaska Native Registry. For mortality,  
  information is included for all states except Connecticut, Oklahoma, New York, and  
  New Hampshire.  
♀ Mortality data are analyzed from a public use file provided by the National Center  
  for Health Statistics (NCHS).  
* The EAPC is significantly different from zero (p<.05).

### Table XXIV-7

**TESTIS CANCER (Invasive)**

**AGE-ADJUSTED SEER INCIDENCE AND U.S. DEATH RATES**

By Race/Ethnicity and Sex

#### Incidence

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<td>EAPC (%)</td>
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#### Mortality

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<td>EAPC (%)</td>
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<td>SEER DEATH RATESä, 1995-99</td>
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Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in tables where indicated.
§ SEER 9 areas. Incidence rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.
ä NCHS public use data file. Death rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.
- Statistic could not be calculated or populations are inadequate.
# Table XXIV-9

**TESTIS CANCER (Invasive)**

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

All Races, Males

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- **NCHS public use data file.** Rates are per 100,000 and are age-adjusted to the 2000 U.S. standard population by 5-year age groups.
- **SE** Standard error of the rate.
- **PD** Percent difference between state rate and total U.S. rate.
- **a** Absolute percent difference between state rate and total U.S. rate is 15% or more.
- **¾** Difference between state rate and total U.S. rate is statistically significant (p<=.0002).
Figure XXIV-1

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

White

Black

* Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 U.S. standard million population by 5-year age groups. Regression lines are calculated using the Joinpoint Regression Program.
Figure XXIV-2

SEER Incidence and U.S. Death Rates†
Testis, By Age and Race

White - Under 50 Years of Age

Black - Under 50 Years of Age

White - Ages 50 and Over

Black - Ages 50 and Over

Incidence    Mortality

* Source: SEER 9 areas and NCHS public use data file. Rates are age-adjusted to the 2000 U.S. standard million population by 5-year age groups. Regression lines are calculated using the Joinpoint Regression Program. Regression line could not be calculated for the Black Male 50+ Incidence Rates due to years with a rate of zero.