### Table 25.1
Cancer of the Testis (Invasive)

Trends in SEER Incidence and U.S. Mortality Using the Joinpoint Regression Program,
1975-2008 With up to Five Joinpoints, 1992-2008 With up to Three Joinpoints,
All Ages by Race/Ethnicity

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The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
b Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic
f 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 are based on NHIA and exclude cases from the Alaska Native Registry.

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g Data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
h The APC/AAPC is significantly different from zero (p<.05).
i Joinpoint regression line analysis could not be performed on data series.
### Table 25.2
Cancer of the Testis (Invasive)


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* The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
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*<sup>h</sup> The APC/AAPC is significantly different from zero (p<.05).
*<sup>i</sup> Joinpoint regression line analysis could not be performed on data series.
Table 25.3
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</table>

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

* Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

† Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

‡ Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

§ The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

∥ API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

* 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 are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, OK and VT.

 Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.
Table 25.4
Cancer of the Testis (Invasive)

Delay-adjusted SEER Incidence* Rates by Year, Race and Age

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<tr>
<th>Year of Diagnosis</th>
<th>All Races, Males</th>
<th>White Males</th>
<th>Black Males</th>
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</thead>
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<td>All &lt;50 50+</td>
<td>All &lt;50 50+</td>
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<td>3.77 4.56 1.72</td>
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<td>4.88 5.82 2.41</td>
<td>- - -</td>
</tr>
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<td>1978</td>
<td>3.58 4.25 1.84</td>
<td>3.96 4.66 2.11</td>
<td>- - -</td>
</tr>
<tr>
<td>1979</td>
<td>3.96 4.54 2.15</td>
<td>4.33 5.10 2.31</td>
<td>- - -</td>
</tr>
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<td>4.35 5.28 1.89</td>
<td>4.91 5.98 2.11</td>
<td>- - -</td>
</tr>
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<td>4.77 5.79 2.07</td>
<td>- - -</td>
</tr>
<tr>
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<td>4.40 5.22 2.25</td>
<td>5.00 5.98 2.44</td>
<td>- - -</td>
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<tr>
<td>1983</td>
<td>4.59 5.50 2.21</td>
<td>5.24 6.31 2.43</td>
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<td>4.39 5.36 1.86</td>
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<td>5.68 7.11 1.95</td>
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<td>1.53 1.98 -</td>
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<td>1.64 2.03 -</td>
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<td>1.53 1.88 -</td>
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<td>1.69 1.83 -</td>
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<td>1.15 - -</td>
</tr>
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<td>7.24 9.00 2.63</td>
<td>1.05 - -</td>
</tr>
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<td>2008</td>
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<td>1.40 1.66 -</td>
</tr>
</tbody>
</table>

* Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

- Delay-adjusted rate is not shown for observed rates based on less than 16 cases for the time interval.

Additional information on the model used to delay-adjust SEER Incidence rates can be found at [http://surveillance.cancer.gov/delay/].

SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Table 25.5
Cancer of the Testis (Invasive)

Age-adjusted SEER Incidence Rates by Year, Race 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>
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<td></td>
<td>All</td>
<td>&lt;50</td>
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<tr>
<td>1975</td>
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* SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
* Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
* Statistic not shown. Rate based on less than 16 cases for the time interval.
### Table 25.6
Cancer of the Testis (Invasive)

Age-adjusted U.S. Death Rates by Year, Race and Age

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<th>Year of Death:</th>
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<th>White Males</th>
<th>Black Males</th>
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* US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

Statistic not shown. Rate based on less than 16 cases for the time interval.
## Table 25.7
Cancer of the Testis (Invasive)

SEER Incidence\(^a\) and U.S. Death\(^b\) Rates, Age-Adjusted and Age-Specific Rates, by Race

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<td>White</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Males</td>
<td>Males</td>
<td>Males</td>
</tr>
<tr>
<td>Age at Diagnosis/Death:</td>
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<td></td>
</tr>
<tr>
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<td>All ages (IARC world std)(^c)</td>
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<td>1.2</td>
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</tr>
<tr>
<td></td>
<td>Males</td>
<td>Males</td>
<td>Males</td>
</tr>
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<td>Age at Diagnosis/Death:</td>
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<td>-</td>
</tr>
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<td>80-84</td>
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<td>-</td>
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<tr>
<td>85+</td>
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</tr>
</tbody>
</table>

\(^a\) SEER 17 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

\(^b\) US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

\(^c\) Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.

Rate based on less than 16 cases for the time interval.
## Table 25.8
Cancer of the Testis (Invasive)

5-Year Relative and Period Survival (Percent) 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>
</tr>
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<tbody>
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<td>1960-1963a</td>
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</tr>
<tr>
<td>1970-1973a</td>
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<td>-</td>
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</tr>
<tr>
<td>1975-1977b</td>
<td>-</td>
<td>-</td>
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<td>1978-1980b</td>
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<td>93.0</td>
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<td>96.0</td>
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<td>96.3</td>
<td>95.9</td>
</tr>
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<td>2001-2007b</td>
<td>96.4*</td>
<td>96.8*</td>
<td>97.0*</td>
</tr>
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</table>

5-Year Relative Survival (Percent) by Age at Diagnosis:

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<tr>
<th>Age Group</th>
<th>All</th>
<th>White</th>
<th>Black</th>
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</thead>
<tbody>
<tr>
<td>&lt;50</td>
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<td>96.0</td>
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<td>95.1</td>
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<tr>
<td>55-64</td>
<td>90.4</td>
<td>91.1</td>
<td>84.8</td>
</tr>
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<td>65-69</td>
<td>86.8</td>
<td>67.3*</td>
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</tr>
<tr>
<td>70+</td>
<td>85.9</td>
<td>81.3*</td>
<td>-</td>
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</tbody>
</table>

5-Year Relative Survival (Percent) by Stage:

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<tr>
<th>Stage</th>
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<th>Black</th>
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</thead>
<tbody>
<tr>
<td>All Stages</td>
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<td>95.6</td>
<td>95.5</td>
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<tr>
<td>Localized</td>
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<td>Regional</td>
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</tr>
<tr>
<td>Distant</td>
<td>72.0</td>
<td>73.1</td>
<td>73.0</td>
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<tr>
<td>Unstaged</td>
<td>85.5</td>
<td>91.9</td>
<td>87.1</td>
</tr>
</tbody>
</table>

Statistical notes:

- *Based on End Results data from a series of hospital registries and one population-based registry.
- SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
- SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
- Based on follow-up of patients into 2008.
- The difference between 1975-1977 and 2001-2007 is statistically significant (p<.05).
- The standard error is greater than 10 percentage points.
- Statistic could not be calculated due to fewer than 25 cases during the time period.
Table 25.9  
Cancer of the Testis (Invasive)  
SEER\textsuperscript{a} Relative Survival (Percent)  
By Year of Diagnosis  
All Races, Males

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
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<th></th>
<th></th>
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<th></th>
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<th></th>
<th></th>
</tr>
</thead>
<tbody>
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<td>1-year</td>
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<td>96.1</td>
<td>98.1</td>
<td>98.2</td>
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<td>96.6</td>
<td>97.7</td>
<td>98.3</td>
<td>98.9</td>
<td>97.9</td>
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<tr>
<td></td>
<td>2-year</td>
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<td>92.7</td>
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<td>4-year</td>
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<td>96.3</td>
<td>95.8</td>
<td>94.7</td>
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<td>8-year</td>
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<tr>
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<td>94.9</td>
<td>94.5</td>
<td>93.8</td>
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<td>94.7</td>
<td>96.1</td>
<td>95.8</td>
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<td>96.0</td>
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\textsuperscript{a} Based on the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Table 25.10
Cancer of the Testis (Invasive)


<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Current Age</th>
<th>Risk of Being Diagnosed with Cancer</th>
<th>Risk of Dying from Cancer</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>0</td>
<td>10 yrs</td>
<td>20 yrs</td>
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<tr>
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<table>
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<th>Race/Ethnicity</th>
<th>Current Age</th>
<th>Risk of Being Diagnosed with Cancer</th>
<th>Risk of Dying from Cancer</th>
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<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Current Age</th>
<th>Risk of Being Diagnosed with Cancer</th>
<th>Risk of Dying from Cancer</th>
</tr>
</thead>
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<td>0.05</td>
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<tr>
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<td>0.01</td>
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<tr>
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<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Race/Ethnicity</th>
<th>Current Age</th>
<th>Risk of Being Diagnosed with Cancer</th>
<th>Risk of Dying from Cancer</th>
</tr>
</thead>
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<td></td>
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<tr>
<td></td>
<td>Hispanic\b</td>
<td>0.01</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Source: Incidence data are from the SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Mortality data are from the NCHS public use data file for the total US.

\* Underlying incidence and mortality data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

\b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Underlying incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

Underlying mortality data for Hispanics exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota.

Statistic could not be calculated.

A percent of 0.00 represents a value that is below 0.005.
### Table 25.11
Cancer of the Testis (Invasive)
SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends
By Race/Ethnicity

<table>
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<tr>
<th>RACE/ETHNICITY</th>
<th>SEER Incidence</th>
<th>SEER 17 Areas&lt;sup&gt;b&lt;/sup&gt;</th>
<th>SEER 13 Areas&lt;sup&gt;b&lt;/sup&gt;</th>
<th>SEER 9 Areas&lt;sup&gt;b&lt;/sup&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rate 2004-2008</td>
<td>Trend 1999-2008&lt;sup&gt;c&lt;/sup&gt;</td>
<td>AAPC (%)</td>
<td>Trend 1999-2008&lt;sup&gt;d&lt;/sup&gt;</td>
</tr>
<tr>
<td>Males</td>
<td>Rate per 100,000 persons</td>
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<td>Males</td>
<td></td>
</tr>
<tr>
<td>All Races</td>
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<td>1.1*</td>
<td>0.8*</td>
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</tr>
<tr>
<td>White</td>
<td>6.5</td>
<td>1.2*</td>
<td>1.0*</td>
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</tr>
<tr>
<td>White Hispanic&lt;sup&gt;e&lt;/sup&gt;</td>
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<td>2.3*</td>
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<tr>
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<td>7.2</td>
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<td>1.3</td>
<td>-0.3</td>
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<th>U.S. Mortality&lt;sup&gt;g&lt;/sup&gt;</th>
<th>Rate 2004-2008</th>
<th>Trend 1999-2008&lt;sup&gt;h&lt;/sup&gt;</th>
<th>AAPC (%)</th>
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<td>Males</td>
<td>Rate per 100,000 persons</td>
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<tr>
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<tr>
<td>White</td>
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<td>-1.0*</td>
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<tr>
<td>White Hispanic&lt;sup&gt;e&lt;/sup&gt;</td>
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<td>0.1</td>
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<tr>
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<td>Asian/Pacific Islander</td>
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<td>Amer Ind/Alaska Nat Total U.S.</td>
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<td>CHSDA Counties</td>
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</table>

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1999-2008 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2008.

The 1999-2008 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2008.

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 are based on NHIA and exclude cases from the Alaska Native Registry. The 2004-2008 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia and North Dakota.

The 1999-2008 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.


The APC is significantly different from zero (p<.05).
Table 25.12
Cancer of the Testis (Invasive)
Age-Adjusted SEER Incidence Rates\a
By Registry, Race and Age

<table>
<thead>
<tr>
<th>Registry</th>
<th>All Races</th>
<th>All Ages</th>
<th>Ages &lt;50</th>
<th>Ages 50+</th>
<th>Whites</th>
<th>All Ages</th>
<th>Ages &lt;50</th>
<th>Ages 50+</th>
<th>Blacks</th>
<th>All Ages</th>
<th>Ages &lt;50</th>
<th>Ages 50+</th>
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<tr>
<td>All Races</td>
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<td>4.64</td>
<td>2.13</td>
<td>5.85</td>
<td>7.06</td>
<td>2.71</td>
<td>1.31</td>
<td>1.37</td>
<td>9 SEER Areas\b</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>13 SEER Areas\b</td>
<td>5.59</td>
<td>6.89</td>
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<td>17 SEER Areas\b</td>
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<td>8.17</td>
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</tbody>
</table>

\a Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130)

\b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

Statistic not shown. Rate based on less than 16 cases for the time interval.
### Table 25.13
Cancer of the Testis (Invasive)

Age-Adjusted SEER Death Rates
By Registry, Race and Age

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<td></td>
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<td>All Ages</td>
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<td>All Ages</td>
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<td>0.16</td>
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</tbody>
</table>

* US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.

The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

Statistic not shown. Rate based on less than 16 cases for the time interval.
## Table 25.14
Cancer of the Testis (Invasive)
Age-Adjusted Cancer Death Rates by State, All Races, 2004-2008

### Males

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<th>Rank</th>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>California</td>
<td>0.33b</td>
<td>0.02</td>
<td>(01)</td>
<td>35.49c</td>
</tr>
<tr>
<td>Pennsylvania</td>
<td>0.30</td>
<td>0.03</td>
<td>(02)</td>
<td>24.33c</td>
</tr>
<tr>
<td>Nevada</td>
<td>0.30</td>
<td>0.07</td>
<td>(03)</td>
<td>23.78c</td>
</tr>
<tr>
<td>North Carolina</td>
<td>0.30</td>
<td>0.04</td>
<td>(04)</td>
<td>22.69c</td>
</tr>
<tr>
<td>Alabama</td>
<td>0.29</td>
<td>0.05</td>
<td>(05)</td>
<td>21.08c</td>
</tr>
<tr>
<td><strong>Low Five States</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wisconsin</td>
<td>0.18</td>
<td>0.04</td>
<td>(26)</td>
<td>-26.19c</td>
</tr>
<tr>
<td>Minnesota</td>
<td>0.16</td>
<td>0.04</td>
<td>(27)</td>
<td>-32.12c</td>
</tr>
<tr>
<td>Indiana</td>
<td>0.16</td>
<td>0.03</td>
<td>(28)</td>
<td>-34.63c</td>
</tr>
<tr>
<td>Virginia</td>
<td>0.15</td>
<td>0.03</td>
<td>(29)</td>
<td>-36.19c</td>
</tr>
<tr>
<td>Georgia</td>
<td>0.15</td>
<td>0.03</td>
<td>(30)</td>
<td>-37.58c</td>
</tr>
</tbody>
</table>

*Note: PD indicates percent difference between state rate and total U.S. rate.*

---

### Age-Adjusted Death Rates per 100,000

**Quantile Interval**

- **0.30 - 0.33**
- **0.27 - 0.29**
- **0.25 - 0.26**
- **0.23 - 0.24**
- **0.19 - 0.22**
- **0.15 - 0.18**

**U.S. Rate: 0.24**

**Suppressed**

---

**Legend:**
- **US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.** Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- **b** Difference between state rate and total U.S. rate is statistically significant (p<.00002).
- **c** Absolute percent difference between state rate and total U.S. rate is 15% or more.
- **SE** Standard error of the rate.
- **PD** Percent difference between state rate and total U.S. rate.
- **a** Statistic not shown. Rate based on less than 16 cases for the time interval.
## Table 25.15
Cancer of the Testis (Invasive)

Estimated United States Cancer Prevalence Counts\(^a\) on January 1, 2008
By Race/Ethnicity and Years Since Diagnosis

<table>
<thead>
<tr>
<th>Years Since Diagnosis</th>
<th>0 to &lt;5</th>
<th>5 to &lt;10</th>
<th>10 to &lt;15</th>
<th>15 to &lt;20</th>
<th>20 to &lt;25</th>
<th>25 to &lt;30</th>
<th>0 to &lt;18(^a)</th>
<th>0 to &lt;33(^a)</th>
<th>&gt;=33(^a)</th>
<th>Complete(^d)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Race</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Races(^b)</td>
<td>39,225</td>
<td>36,242</td>
<td>31,402</td>
<td>28,539</td>
<td>21,720</td>
<td>15,555</td>
<td>126,678</td>
<td>184,341</td>
<td>16,546</td>
<td>200,887</td>
</tr>
<tr>
<td>White(^b)</td>
<td>36,888</td>
<td>33,945</td>
<td>29,897</td>
<td>27,400</td>
<td>21,006</td>
<td>15,058</td>
<td>119,463</td>
<td>175,171</td>
<td>15,886</td>
<td>191,057</td>
</tr>
<tr>
<td>Black(^b)</td>
<td>923</td>
<td>1,006</td>
<td>600</td>
<td>372</td>
<td>320</td>
<td>225</td>
<td>2,829</td>
<td>3,687</td>
<td>157</td>
<td>3,844</td>
</tr>
<tr>
<td>Asian/Pacific Islander(^c)</td>
<td>687</td>
<td>615</td>
<td>477</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>2,034</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
<tr>
<td>Hispanic(^d)</td>
<td>5,072</td>
<td>3,666</td>
<td>2,714</td>
<td>+</td>
<td>+</td>
<td>+</td>
<td>12,899</td>
<td>+</td>
<td>+</td>
<td>+</td>
</tr>
</tbody>
</table>

### Estimated prevalence percent\(^e\) on January 1, 2008, of the SEER 11 population diagnosed in the previous 18 years
By Age at Prevalence and Race/Ethnicity

<table>
<thead>
<tr>
<th>Age at Prevalence</th>
<th>All Ages</th>
<th>0-9</th>
<th>10-19</th>
<th>20-29</th>
<th>30-39</th>
<th>40-49</th>
<th>50-59</th>
<th>60-69</th>
<th>70-79</th>
<th>80+</th>
<th>All Ages</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Race</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>All Races(^e)</td>
<td>0.0704%</td>
<td>0.0019%</td>
<td>0.0060%</td>
<td>0.0638%</td>
<td>0.1438%</td>
<td>0.1563%</td>
<td>0.0913%</td>
<td>0.0369%</td>
<td>0.0161%</td>
<td>0.0066%</td>
<td>0.0695%</td>
</tr>
<tr>
<td>White(^e)</td>
<td>0.0852%</td>
<td>0.0019%</td>
<td>0.0069%</td>
<td>0.0780%</td>
<td>0.1783%</td>
<td>0.1884%</td>
<td>0.1069%</td>
<td>0.0433%</td>
<td>0.0188%</td>
<td>0.0079%</td>
<td>0.0842%</td>
</tr>
<tr>
<td>Black(^e)</td>
<td>0.0152%</td>
<td>0.0013%</td>
<td>0.0022%</td>
<td>0.0120%</td>
<td>0.0271%</td>
<td>0.0367%</td>
<td>0.0261%</td>
<td>0.0080%</td>
<td>-</td>
<td>-</td>
<td>0.0157%</td>
</tr>
<tr>
<td>Asian/Pacific Islander(^e)</td>
<td>0.0244%</td>
<td>0.0032%</td>
<td>0.0047%</td>
<td>0.0205%</td>
<td>0.0424%</td>
<td>0.0505%</td>
<td>0.0389%</td>
<td>0.0092%</td>
<td>0.0049%</td>
<td>-</td>
<td>0.0234%</td>
</tr>
<tr>
<td>Hispanic(^d)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

\(^a\) US 2008 cancer prevalence counts are based on 2008 cancer prevalence proportions from the SEER registries and 1/1/2008 US population estimates based on the average of 2007 and 2008 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.

\(^b\) Statistics based on (b) SEER 9 Areas (c) SEER 11 Areas and Rural Georgia (d) NHIA for Hispanic for SEER 11 Areas and Rural Georgia.

\(^c\) Maximum limited-duration prevalence: 33 years for 1975-2008 SEER 9 data; 18 years for 1990-2008 SEER 11 data (used to calculate prevalence for Hispanics and Asian Pacific Islanders).

\(^d\) Percentages are age-adjusted to the 2000 US Standard Population (19 age groups – Census P25-1130) by 5-year age groups.

\(^e\) (g) Cases diagnosed more than 33 years ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (h) Complete prevalence is obtained by summing 0 to <33 and >=33. (i) Age-specific completeness index was approximated using empirical data from historical Connecticut tumor registry.

\(^f\) Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.

\(^g\) Not available.
Figure 25.1

White

SEER Incidence APCs
Delay Adj, 1987-08 = 1.1*
Observed, 1989-08 = 1.0*

US Mortality APC
1991-08 = -1.0*

Black

SEER Incidence APCs
Delay Adj, 1975-08 = 2.0*
Observed, 1975-08 = 1.9*

US Mortality APC
1975-08 = -1.8*

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.
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).
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates\textsuperscript{a}
Cancer of the Testis, by Age and Race

White Ages <50

Black Ages <50

White Ages 50+

Black Ages 50+

Delay-Adjusted Incidence

Observed Incidence

Mortality

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.
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).
\textsuperscript{a} Regression line cannot be calculated for Black Male Age 50+ Incidence and Delay-adjusted Incidence due to years with zero count.
SEER Incidence and US Death Rates
Cancer of the Testis
Joinpoint Analyses for Whites and Blacks from 1975-2008
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2008

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2008 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2008 allow a maximum of 3 joinpoints.

API = Asian/Pacific Islander.

AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data.

Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.
SEER Observed Incidence and SEER Delay Adjusted Incidence Rates
SEER 9 Areas Compared to SEER 13 Areas
Cancer of the Testis, by Race

Source: SEER 9 areas and SEER 13 areas.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.
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).
Figure 25.5
Cancer of the Testis
5-Year SEER Conditional Relative Survival and 95% Confidence Intervals
Probabilty of surviving the next 5 years given the cohort has already survived 0, 1, or 3 years
1998-2007 by stage at diagnosis

Survival Time Since Diagnosis

<table>
<thead>
<tr>
<th>Survival Time Since Diagnosis</th>
<th>0 year (at diagnosis)</th>
<th>1 year</th>
<th>3 years</th>
</tr>
</thead>
</table>

Percent Surviving Next 5 Years

<table>
<thead>
<tr>
<th>Stage at Diagnosis</th>
<th>Localized</th>
<th>Regional</th>
<th>Distant</th>
<th>Unstaged</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 year (at diagnosis)</td>
<td>1 year</td>
<td>3 years</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Percent surviving is not shown if based on less than 25 cases.
Confidence intervals are not shown if length of the confidence interval is greater than 5 times the standard error.