

Table 22.8
Cancer of the Pancreas (Invasive)

5-Year Relative and Period Survival (Percent) by Race, Sex, Diagnosis Year, Stage and Age

| | All Races | | | Whites | | | Blacks | | |
|--|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-------------------|
| | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| 5-Year Relative Survival (Percent) | | | | | | | | | |
| Year of Diagnosis: | | | | | | | | | |
| 1960-1963 ^a | - | - | - | 1 | 1 | 2 | 1 | 0 | 3 |
| 1970-1973 ^a | - | - | - | 2 | 2 | 2 | 2 | 0 | 3 |
| 1975-1977 ^b | 2.4 | 2.6 | 2.2 | 2.5 | 2.6 | 2.3 | 2.3 | 2.6 | 1.9 |
| 1978-1980 ^b | 2.8 | 2.7 | 3.0 | 2.5 | 2.6 | 2.5 | 5.6 | 4.1 | 7.0 |
| 1981-1983 ^b | 2.8 | 2.4 | 3.2 | 2.6 | 2.2 | 3.0 | 3.6 | 3.7 | 3.2 |
| 1984-1986 ^b | 2.9 | 2.3 | 3.4 | 2.6 | 2.1 | 3.1 | 4.6 | 3.9 | 5.1 |
| 1987-1989 ^b | 3.5 | 3.3 | 3.8 | 3.2 | 3.1 | 3.3 | 5.5 | 5.1 | 5.8 |
| 1990-1992 ^b | 4.3 | 4.1 | 4.5 | 4.4 | 4.2 | 4.6 | 3.7 | 3.2 | 4.1 |
| 1993-1995 ^b | 4.0 | 3.7 | 4.3 | 3.9 | 3.6 | 4.3 | 3.4 | 3.3 | 3.4 |
| 1996-2000 ^b | 4.6 | 4.7 | 4.5 | 4.3 | 4.8 | 3.8 | 4.6 | 3.6 | 5.4 |
| 2001-2007 ^b | 5.6 ^e | 5.3 ^e | 5.9 ^e | 5.9 ^e | 5.8 ^e | 6.1 ^e | 3.8 ^e | 3.3 ^e | 4.3 ^e |
| 5-Year Period Survival (Percent) ^{cd} | | | | | | | | | |
| 2007 | 5.8 | 5.2 | 6.4 | 5.8 | 5.3 | 6.3 | 4.9 | 3.9 | 5.8 |
| Stage Distribution (%) 2001-2007 ^c | | | | | | | | | |
| All Stages | | | | | | | | | |
| Number of cases | 47,456 | 23,226 | 24,230 | 38,603 | 19,122 | 19,481 | 5,236 | 2,327 | 2,909 |
| Percent | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| Localized | 8 | 7 | 9 | 8 | 7 | 9 | 9 | 7 | 10 |
| Regional | 27 | 26 | 27 | 27 | 26 | 27 | 25 | 25 | 25 |
| Distant | 53 | 56 | 50 | 53 | 56 | 50 | 56 | 60 | 53 |
| Unstaged | 13 | 11 | 14 | 13 | 11 | 15 | 11 | 8 | 12 |
| 5-Year Relative Survival (Percent), 2001-2007 ^c | | | | | | | | | |
| Age at Diagnosis: | | | | | | | | | |
| Ages <45 | 21.7 | 15.8 | 28.9 | 20.8 | 15.7 | 27.2 | 20.2 | 14.2 | 27.2 ^f |
| Ages 45-54 | 8.9 | 7.6 | 10.9 | 8.7 | 8.0 | 9.8 | 8.1 | 5.6 | 11.2 |
| Ages 55-64 | 6.2 | 5.2 | 7.6 | 6.5 | 5.5 | 7.9 | 4.2 | 2.4 | 6.3 |
| Ages 65-74 | 4.9 | 4.6 | 5.2 | 5.1 | 4.9 | 5.3 | 2.9 | 2.6 | 2.9 |
| Ages 75+ | 3.0 | 3.1 | 2.9 | 3.2 | 3.0 | 3.3 | 1.5 | 3.3 | 1.1 |
| Ages <65 | 8.5 | 6.9 | 10.8 | 8.4 | 7.1 | 10.4 | 7.0 | 4.6 | 9.9 |
| Ages 65+ | 3.8 | 3.8 | 3.7 | 3.9 | 3.9 | 3.9 | 2.2 | 2.7 | 1.9 |
| Stage: | | | | | | | | | |
| All Stages | 5.5 | 5.1 | 5.8 | 5.5 | 5.2 | 5.7 | 4.4 | 3.8 | 5.0 |
| Localized | 21.5 | 19.6 | 23.0 | 21.7 | 20.4 | 22.5 | 15.2 | 11.3 | 17.8 |
| Regional | 8.7 | 8.5 | 8.9 | 8.8 | 8.6 | 8.9 | 7.6 | 6.9 | 8.1 |
| Distant | 1.8 | 1.9 | 1.7 | 1.8 | 1.9 | 1.7 | 1.4 | 1.4 | 1.3 |
| Unstaged | 4.2 | 4.6 | 3.8 | 4.1 | 4.5 | 3.7 | 5.1 | 5.2 | 5.0 |

^a Based on End Results data from a series of hospital registries and one population-based registry.^b SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
Based on follow-up of patients into 2008.^c 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.^d Period survival provides a 2007 estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three year calendar blocks (2005-2007: 0-1 year survival), (2004-2006: 1-2 year survival), (2003-2005: 2-3 year survival), (2002-2004: 3-4 year survival), (2001-2003: 4-5 years survival).
The difference between 1975-1977 and 2001-2007 is statistically significant (p<.05).^e The standard error is between 5 and 10 percentage points.^f The standard error is greater than 10 percentage points.

- Statistic could not be calculated due to fewer than 25 cases during the time period.