

Table XXIII-5
PROSTATE CANCER (Invasive)

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

	All Races, Males			White Males			Black Males		
	All	<65	65+	All	<65	65+	All	<65	65+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-1963 ^a	-	-	-	50	-	-	35	-	-
1970-1973 ^a	-	-	-	63	-	-	55	-	-
1975-1977 ^b	68.9	73.4	67.2	69.8	75.2	67.8	61.3	61.9	61.0
1978-1980 ^b	72.0	75.7	70.6	73.2	77.2	71.8	62.8	65.3	61.5
1981-1983 ^b	73.8	76.4	72.8	75.0	78.0	73.9	63.7	65.4	62.9
1984-1986 ^b	76.1	77.4	75.6	77.3	79.1	76.8	66.3	67.3	65.8
1987-1989 ^b	83.9	83.3	84.0	85.4	84.8	85.6	72.2	72.7	72.0
1990-1992 ^b	94.2	93.4	94.4	95.3	94.4	95.5	85.5	86.9	84.8
1993-1995 ^b	95.4	95.8	95.2	96.1	96.5	96.0	91.4	92.9	90.3
1996-2003 ^b	98.5 ^e	99.0 ^e	98.6 ^e	99.0 ^e	99.4 ^e	99.1 ^e	95.3 ^e	97.8 ^e	93.6 ^e
<u>5-YR PERIOD SURVIVAL RATES^{cd}</u>									
YEAR OF DIAGNOSIS:									
1996-2003	99.4	99.0	99.6	99.8	99.4	99.7	95.8	97.6	93.9
<u>STAGE DISTRIBUTION (%) 1996-2003^c</u>									
All Stages									
Number of cases	277,571	99,627	177,944	221,200	77,891	143,309	34,802	15,983	18,819
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized/Regional	91	95	89	92	95	90	89	93	85
Distant	5	3	5	4	3	5	6	5	8
Unstaged	4	2	6	4	2	5	5	3	7
<u>5-YR RELATIVE SURVIVAL RATES, 1996-2003^c</u>									
AGE AT DIAGNOSIS:									
<45	93.6	-	-	93.2	-	-	94.4	-	-
45-54	97.3	-	-	97.5	-	-	96.0	-	-
55-64	99.3	-	-	99.6	-	-	97.8	-	-
65-74	100.0	-	-	100.0	-	-	96.2	-	-
75+	94.8	-	-	95.2	-	-	85.7	-	-
Under 65	98.7	-	-	99.1	-	-	97.2	-	-
65 and over	98.7	-	-	99.2	-	-	93.2	-	-
STAGE:									
All Stages	98.4	98.7	98.7	98.9	99.1	99.2	94.9	97.2	93.2
Localized/Regional	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Distant	31.9	32.3	31.8	30.7	32.4	30.2	29.8	27.7	31.2
Unstaged	79.1	88.3	76.5	78.2	89.1	75.3	72.6	82.8	67.9

^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 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).
Rates are based on follow-up of patients into 2004.
^c Rates 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). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2003. The remaining 13 SEER Areas contribute cases for the entire period 1996-2003. Rates are based on follow-up of patients into 2004.
^d Period survival provides a more up-to-date estimate of survival by piecing together the most recent conditional survival estimates from several cohorts. It is computed here using three calendar year blocks (2001-2003: 0-1 year survival), (2000-2002: 1-2 year survival), (1999-2001: 2-3 year survival), (1998-2000: 3-4 year survival), (1997-1999: 4-5 years survival).
^e The difference in rates between 1975-1977 and 1996-2003 is statistically significant (p<.05).
^f The standard error of the survival rate is between 5 and 10 percentage points.
^g The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated due to fewer than 16 cases during the time period.