$_{\Diamond}^{\blacklozenge}$

Table XXII-1 PROSTATE CANCER (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY, BY RACE

	All Races, Males	White Males	Black Males
INCIDENCE TRENDS (expressed i	n percents)§:		
1973-96 All Ages Percent Change (PC) Est. Annual PC (EAPC)	111.9	104.2	107.6
	4.4*	4.3★	3.9★
Under 65 Percent Change (PC) Est. Annual PC (EAPC)	306.3 6.8★	307.9 6.9★	254.2 5.8★
65 and over Percent Change (PC) Est. Annual PC (EAPC)	71.7 3.6*	64.0 3.5*	64.6 3.2*
1975-79 - ALL AGES Percent Change (PC) Est. Annual PC (EAPC)	6.2	6.3	8.0
	2.2*	2.4★	2.6
1992-96 - ALL AGES Percent Change (PC) Est. Annual PC (EAPC)	-24.0	-26.2	-18.9
	-8.5 ★ ♦	-9.5 * ♦	-6.0 ★ ♦
MORTALITY TRENDS (expressed i	n percents)*:		
1973-96 All Ages Percent Change (PC) Est. Annual PC (EAPC)	13.0	10.6	35.3
	0.9*	0.8*	1.6★
Under 65 Percent Change (PC) Est. Annual PC (EAPC)	-4.7 0.2	-5.9 0.2	-1.1 0.2
65 and over Percent Change (PC) Est. Annual PC (EAPC)	15.3	12.5	42.1
	1.0★	0.9*	1.9★
1975-79 - ALL AGES Percent Change (PC) Est. Annual PC (EAPC)	3.5	3.3	5.0
	1.2★	1.1★	1.6★
1992-96 - ALL AGES Percent Change (PC) Est. Annual PC (EAPC)	-7.5	-8.0	-4.1
	-2.5 ★ ◆	-2.7*◆	-1.2◆

The Est. Annual PC is the Estimated Annual Percent Change (EAPC) over the time interval.

The EST. Annual PC is the Estimated Annual Percent Change (EAPC) over the time into SEER Program.

NCHS public use tape.

The EAPC is significantly different from zero (p<.05).

The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 (p<.05).

The EAPC for 1992-96 is significantly different from the EAPC for 1975-79 (p<.10).

Statistic could not be calculated.

Table XXII-2 PROSTATE CANCER (Invasive)

SEER INCIDENCE RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES§, BY RACE

	All Races, Males	White Males	Black Males
AGE-ADJUSTED RATES			
YEAR OF DIAGNOSIS:	64.2	62.6	106.3
1973 1974	65.6	64.8	100.3
1975	70.6	69.0	111.5
1976	73.5	72.7	110.4
1977	76.1	74.5	122.2
1978 1979	75.1 78.0	73.6 77.1	116.6 123.1
1979	78.0	77.1	123.1
1981	82.1	81.0	127.0
1982	82.2	81.3	130.7
1983	84.8	83.9	134.6
1984 1985	84.6 88.3	83.0 87.2	139.6
1985	88.3 91 <i>4</i>	8 / . 2 91 1	133.8 132.6
1987	91.4 103.0	91.1 103.1	148.2
1988	106.2	106.5	148.7
1989	113.0	113.1	150.2
1990 1991	132.5 169.2	133.4 169.3	168.4 222.9
1992	190.8	188.7	258.0
1993	171.1	163.9	271.6
1994	148.4	141.0	246.9
1995	139.3	132.3	218.3
1996	135.7	127.8	211.3
AGE-ADJUSTED RATES, 1992-96 AGE AT DIAGNOSIS:			
All ages	156.5	150.2	240.4
Under 65	49.6	47.5	89.1
65 and over	1131.9	1087.2	1622.1
All ages (world std.) $f 8$	118.2	113.5	184.7
AGE-SPECIFIC RATES, 1992-96 AGE AT DIAGNOSIS:			
0 - 4	0.0	0.1	0.0
5-9	0.0	0.0	0.0
10-14 15-19	0.0 0.0	0.0 0.1	0.0 0.0
20-24	0.0	0.0	0.0
25-29	0.0	0.0	0.2
30-34	0.1	0.1	0.0
35-39 40-44	0.4	0.3	0.3
45-49	3.8 23.0	3.3 21.0	7.9 49.1
50-54	103.0	96.6	197.6
55-59	272.7	260.8	507.6
60-64	568.2	548.9	969.8
65-69 70-74	951.1 1255.1	920.9 1212.1	1397.8 1878.6
75-79	1277.4	1211.5	1804.2
80-84	1182.4	1123.1	1551.2
85+	1079.0	1036.6	1380.1

Table XXII-3 PROSTATE CANCER (Invasive)

U.S. MORTALITY RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES*, BY RACE

	All Races, Males	White Males	Black Males
AGE-ADJUSTED RATES			
YEAR OF DEATH:	0.1 5	00.0	20.5
1973 1974	21.7 21.7	20.3 20.2	39.5 39.7
1975	21.6	20.1	40.6
1976	22.1	20.6	40.8
1977 1978	22.1	20.6	41.2 42.5
1979	22.6 22.7	21.0 21.1	43.0
1980	22.8 22.9 23.0	21.1 21.0 21.3	44.6
1981 1982	22.9	21.0	45.8 44.7
1983	23.4	21.6	46.6
1984	23.4 23.4 23.4 23.4 24.1	21.5	47.1
1985 1986	23.4	21.5	48.1 48.3
1987	24.1	21.6 21.5 21.5 22.2 22.2	49.1
1988	24.7 25.4	22.8 23.5	49.5
1989 1990	25.4 26.4	23.5	51.1 54.8
1991	26.7	24.7	54.9
1992 1993	26.6 26.4	24.5 24.3	55.6 56.2
1994	25.9	23.8	55.1
1995	25.9 24.9	23.8 22.9	53.5
1996	24.1	22.0	53.7
AGE-ADJUSTED RATES, 1992-96 AGE AT DEATH:			
All ages Under 65	25.6 2.7	23.4 2.3	54.8 7.1
65 and over	234.3	216.3	490.4
All ages (world std.)N	16.7	15.2	36.4
AGE-SPECIFIC RATES, 1992-96 AGE AT DEATH:	2.2	0.0	2.2
0-4 5-9	0.0 0.0	0.0 0.0	0.0 0.0
10-14	0.0	0.0	0.0
15-19 20-24	0.0 0.0	0.0 0.0	0.0 0.0
25-29	0.0	0.0	0.0
30-34	0.0	0.0	0.0
35-39 40-44	0.1 0.2	0.0 0.2	0.1 0.6
45-49	1.0	0.8	3.0
50-54	4.1 13.0	3.5	10.6
55-59 60-64	13.U 35.2	11.0	34.0 91.8
65-69	35.2 78.5	30.4 69.4	188.2
70-74 75-70	155.4 269.7	139.5 249.2	379.2
75-79 80-84	269.7 464.2	249.2 431.9	576.3 967.4
85+	801.8	763.9	1349.9

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

NCHS public use tape. Rates are per 100,000 and are age-adjusted to the world standard population. N

Table XXII-4 PROSTATE CANCER (Invasive)

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

	All Races, Males	White Males	Black Males
5-YR RELATIVE SURVIVAL RAT	E.C.		
YEAR OF DIAGNOSIS:	<u>FD</u>		
1960-63ª	_	50	35
1970-73ª	_	63	55
1974-76 ^b	67.1	68.1	58.3
1977-79 ^b	71.1	72.2	62.5
1980-82 ^b	73.4	74.5	64.7
1983-85 ^b	74.7	76.2	64.1
1986-88 ^b	81.0	82.6	69.0
1989-95 ^b	91.9 S	93.1 S	83.6 S
4.0.0. 0.Th			
1989-95 ^b	01.0	00.1	02.6
ALL STAGES	91.9	93.1	83.6
LOCAL/REGIONAL	99.6	100.0	94.9
DISTANT	32.3	31.9	29.5
UNSTAGED	85.4	86.2	81.7
STAGE DISTRIBUTION (%) 198	9-95 ^b		
ALL STAGES			
Number of cases	107,208	90,879	11,426
Percent	100%	100%	100%
LOCAL/REGIONAL	79	80	72
DISTANT	9	8	13
UNSTAGED	13	13	15
5-YR RELATIVE SURVIVAL RAT	ES, 1989-95 ^b		
AGE AT DIAGNOSIS:	24.5	00.5	2.5
<45	81.6	80.6	81.9
45-54	89.8	90.3	88.7
55-64	93.4	94.6	85.9
65-74	95.0	95.9	88.3
75+	88.7	90.2	74.2
Under 65	92.7	93.8	86.1
65 and over	92.3	93.5	83.4

Rates are based on End Results data from a series of hospital registries and one population-based registry. 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 1996.
The difference in rates between 1974-76 and 1989-95 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 XXII-5 PROSTATE CANCER (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Males

Year of Diagnosis/Death

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Incidence																						
SEER	70.6	73.5	76.1	75.1	78.0	79.8	82.1	82.2	84.8	84.6	88.3	91.4	103.0	106.2	113.0	132.5	169.2	190.8	171.1	148.4	139.3	135.7
Mortality																						
Mortarity																						
U.S.	21.6	22.1	22.1	22.6	22.7	22.8	22.9	23.0	23.4	23.4	23.4	24.1	24.1	24.7	25.4	26.4	26.7	26.6	26.4	25.9	24.9	24.1
SEER	22.0	23.4	22.3	23.3	23.1	23.3	22.9	23.4	23.8	22.9	23.6	24.2	24.7	24.3	25.4	25.5	26.4	26.3	25.5	25.5	23.9	23.3
Relative S	urviva	l Rate:	s (SEE	R)																		
1-year		91.2	92.0	92.2	93.3			94.2					95.5		96.9			99.7	99.5	99.3	98.9	
2-year	83.8	84.4	85.5	85.1	86.9	87.7	88.3		89.1				91.5	92.7	93.8	94.7		98.5		98.2		
3-year	77.2	78.2	78.9	79.7	80.9	81.5	82.7		83.7	83.3	83.9	84.2	87.1	88.9	90.4	92.4		97.9	97.2			
4-year	72.4	73.2	74.0	74.5	76.4	76.9	77.6		78.3	78.9	79.4	80.4	83.8	86.1	87.9	90.6		97.4				
5-year	67.2	69.2	70.0	70.7	72.6	72.4	74.1	73.6	74.1	74.3	75.8	77.7		83.7	85.5		93.6					
6-year	63.5	65.4	66.5	68.3	69.9	68.6	71.0	69.4	70.7	71.8	73.0	74.7	78.7	81.5	83.5	88.0						
7-year	60.3	63.2	63.7	64.7	66.5	64.9	66.9	65.7	66.8	70.0	70.8	72.6	76.2		81.9							
8-year	57.2	60.2	60.9	62.0	63.8	61.3	64.4	63.0	63.6	67.5	68.4	71.1	74.3	76.9								
9-year	54.4 51.8	57.7	59.2	59.1	61.3	59.1	62.1	60.7	62.0 60.7	65.4 64.2	66.4 64.3	68.7	72.6									
10-year 11-year	50.6	55.4 52.1	57.4 54.3	56.6 54.4	58.9 56.6	56.6 55.1	59.7 57.2	59.5 57.5	59.0	61.9	61.7	66.8										
11-year 12-year	48.4	50.3	52.2	52.8	54.2	52.9	55.3	56.1	57.6	60.0	01.7											
13-year	46.7	48.3	51.5	51.5	51.6	51.5	54.3	53.9	56.2	00.0												
14-year	45.5	47.4	49.0	50.5	49.5	50.6	53.0	52.5	30.2													
15-year	45.1	46.8	47.8	49.5	48.0	49.9	51.8	32.3														
16-year	43.3	44.6	46.3	47.6	47.2	48.9	31.0															
17-year	42.6	43.1		45.9	46.0																	
18-year	41.6		43.4																			
19-year		40.7	42.6																			
20-year		40.6																				
21-year	37.3																					

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 XXII-6 PROSTATE 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 With Cancer and Lifetime Risk (Percent) of Dying From Cancer

SEER Areas, 1994-96

All Races

	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	15.91
10	0.00	0.00	0.00	16.08
20	0.00	0.00	0.14	16.19
30	0.00	0.15	1.86	16.45
40	0.15	1.90	7.44	16.87
50	1.83	7.61	14.21	17.46
60	6.39	13.69	16.72	17.28

Lifetime Risk of Being Diagnosed = 15.91% Lifetime Risk of Dying = 3.53%

Whites

Current

7\	~	_
А	ч	ᆫ

	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	15.44
10	0.00	0.00	0.00	15.58
20	0.00	0.00	0.13	15.67
30	0.00	0.13	1.77	15.88
40	0.13	1.81	7.21	16.23
50	1.74	7.35	13.65	16.71
60	6.15	13.06	15.89	16.42

Lifetime Risk of Being Diagnosed = 15.44% Lifetime Risk of Dying = 3.49%

Blacks

C11	rr	en	t

Age

Age				
	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	17.26
10	0.00	0.00	0.00	17.66
20	0.00	0.00	0.31	17.90
30	0.00	0.32	3.12	18.57
40	0.33	3.29	10.38	19.63
50	3.29	11.15	18.60	21.42
60	9.74	18.96	21.94	22.45

Lifetime Risk of Being Diagnosed = 17.26% Lifetime Risk of Dying = 4.28%

Table XXII-7 PROSTATE CANCER (Invasive)

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

By Race/Ethnicity and Sex

${\tt Incidence} i$

	Rate 1990-1996 Rate per 100,000 persons	Trend 1990-1996 EAPC (%)
	Males	Males
RACE/ETHNICITY		
All Races	151.9	-2.0
White White Hispanic White Non-Hispanic	147.3 107.4 150.7	-3.2 -0.2 -3.3
Black	222.9	1.8
Asian/Pacific Islander%	81.5	0.6
American Indian	46.5	-4.3
Hispanic⊗	102.8	-0.3
Mortality *		
	Rate 1990-1996 Rate per 100,000 persons	Trend 1990-1996 EAPC (%)
	Males	Males
RACE/ETHNICITY		
All Races	25.9	-1.6★
White White Hispanic White Non-Hispanic	23.7 17.2 23.9	-1.7★ 0.4 -1.6★
Black	54.8	-0.4

10.7

14.3

16.7

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 11 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, and Los Angeles). Unless specified, other tables use data from 9 SEER areas (San Francisco, Connecticut, Detroit, Iowa, New Mexico, Seattle, Utah, and Atlanta). Hispanic is not mutually exclusive from whites, blacks, Asian Pacific Islanders, and American Indians. 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).
Population estimates for the Asian Pacific Islanders rates are adjusted Census Bureau estimates. The population estimates used in Wingo PA, Ries LAG, Rosenberg HM, Miller DS, Edwards BK. Cancer Incidence and mortality, 1973-1996. Cancer 82:1197-207, 1998 were unadjusted.
The EAPC is significantly different from zero (p<.05).

Asian/Pacific IslanderX

American Indian

Hispanic⊗

-1.2

1.2

0.4

Table XXII-8 PROSTATE CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES§ AND SEER MORTALITY RATES* By Registry and Race

SEER INCIDENCE RATESS, 1992-96 REGISTRY 11 registries 153.8 147.4 234.7		All Races, Males	White Males	Black Males
REGISTRY 11 registries	CEED INCIDENCE DATECS 1992-96			
11 registries 153.8 147.4 234.7 9 registries 156.5 150.2 240.4 San Francisco-Oakland 146.4 146.5 198.7 Connecticut 147.9 142.2 236.6 Metropolitan Detroit 195.6 169.0 256.1 Hawaii 114.1 147.3 - 10 147.3 19.6 169.0 256.1 Hawaii 144.3 138.1 141.6 19.6 169.0 19.6 19.0 19.6 169.0 19.6 169.0 19.6 169.0 19.6 169.0 19.6 169.0 19.6 19.6 19.0 19.6 19.6 19.0 19.0 19.0 19.0 19.0 19.0 19.0 19.0				
San Francisco-Oakland 146.4 147.9 142.2 236.6 Metropolitan Detroit 195.6 169.0 256.1 Hawaii 114.1 147.3 - 10wa 142.3 139.6 - 10wa 144.8 215.2 Utah 164.4 161.6 - 10watropolitan Atlanta 196.2 171.5 274.5 San Jose-Monterey 140.6 137.1 242.1 Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 REGISTRY 11 registries 24.3 23.5 49.6 San Francisco-Oakland 24.2 24.3 24.0 50.3 San Francisco-Oakland 24.2 24.1 25.8 Hawaii 16.8 26.8 - 10wa 16.8 26.9 24.9 - 10wa 16.8 26.9 24.1 43.5 Utah 26.2 26.1 - 10wa 16.2 26.2 26.1 - 20wa 16.4		153.8	147.4	234.7
San Francisco-Oakland 146.4 147.9 142.2 236.6 Metropolitan Detroit 195.6 169.0 256.1 Hawaii 114.1 147.3 - 10wa 142.3 139.6 - 10wa 144.8 215.2 Utah 164.4 161.6 - 10watropolitan Atlanta 196.2 171.5 274.5 San Jose-Monterey 140.6 137.1 242.1 Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 REGISTRY 11 registries 24.3 23.5 49.6 San Francisco-Oakland 24.2 24.3 24.0 50.3 San Francisco-Oakland 24.2 24.1 25.8 Hawaii 16.8 26.8 - 10wa 16.8 26.9 24.9 - 10wa 16.8 26.9 24.1 43.5 Utah 26.2 26.1 - 10wa 16.2 26.2 26.1 - 20wa 16.4				
Connecticut	9 registries	156.5	150.2	240.4
Connecticut	San Francisco-Oakland	146 4	146 5	198 7
Metropolitan Detroit 195.6 169.0 256.1 Hawaii 114.1 147.3 - Iowa 142.3 139.6 - New Mexico 138.1 141.6 - Seattle-Puget Sound 146.3 144.8 215.2 Utah 164.4 161.6 - Metropolitan Atlanta 196.2 177.5 274.5 San Jose-Monterey 140.6 137.1 242.1 Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 148.3 23.5 49.6 P registries 24.3 23.5 49.6 9 registries 24.9 24.0 50.3 San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1				
Hawaii				
Iowa				
New Mexico				
Seattle-Puget Sound 146.3 144.8 215.2 Utah 164.4 161.6 - Metropolitan Atlanta 196.2 171.5 274.5 San Jose-Monterey 140.6 137.1 242.1 Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 REGISTRY 11 registries 24.3 23.5 49.6 9 registries 24.9 24.0 50.3 San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9				
Utah 164.4 161.6 -				215 2
Metropolitan Atlanta 196.2 171.5 274.5 San Jose-Monterey 140.6 137.1 242.1 Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 REGISTRY 24.3 23.5 49.6 9 registries 24.9 24.0 50.3 San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9				
San Jose-Monterey 140.6 137.1 242.1 Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 REGISTRY 11 registries 24.3 23.5 49.6 9 registries 24.9 24.0 50.3 San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 -				
Los Angeles 148.3 140.2 220.5 SEER MORTALITY RATES*, 1992-96 TREGISTRY 11 registries 24.3 23.5 49.6 9 registries 24.9 24.0 50.3 San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9	Meelopolitan Acianca	150.2	1/1.5	2/1.5
SEER MORTALITY RATES*, 1992-96 REGISTRY 11 registries	San Jose-Monterey	140.6	137.1	242.1
### REGISTRY 11 registries	Los Angeles	148.3	140.2	220.5
### REGISTRY 11 registries	SEER MORTALITY RATES*, 1992-96			
11 registries 24.3 23.5 49.6 9 registries 24.9 24.0 50.3 San Francisco-Oakland Connecticut Connecticut 23.1 Metropolitan Detroit 16.8 10wa New Mexico Seattle-Puget Sound Mexico Seattle-Puget Sound Metropolitan Atlanta 24.2 24.2 24.1 24.1 24.2 24.1 24.1 25.3 48.5 25.3 26.1 26.2 26.1 26.2 26.1 26.2 26.1 26.2 26.1 26.2 26.1 26.2 26.1 26.2 26.1 San Jose-Monterey 21.5 22.7 49.9				
9 registries 24.9 24.0 50.3 San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.0 - Seattle-Puget Sound 24.2 24.0 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9		24.3	23.5	49.6
San Francisco-Oakland 24.2 24.3 48.5 Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9	11 1031801108	21.3	23.13	13.0
Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9	9 registries	24.9	24.0	50.3
Connecticut 23.1 21.9 53.9 Metropolitan Detroit 27.9 23.8 45.8 Hawaii 16.8 26.8 - Iowa 24.2 24.0 - New Mexico 24.8 24.9 - Seattle-Puget Sound 24.2 24.1 43.5 Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9				
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Utah 26.2 26.1 - Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9				
Metropolitan Atlanta 33.1 25.3 67.4 San Jose-Monterey 21.5 22.7 49.9				
San Jose-Monterey 21.5 22.7 49.9				
	Metropolitan Atlanta	33.1	25.3	67.4
Los Angeles 23.1 22.0 48.1	San Jose-Monterey	21.5	22.7	49.9
	Los Angeles	23.1	22.0	48.1

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 XXII-9 PROSTATE CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1992-96

All Races, Males

State	Rate	SE	Rank	PD
TOTAL U.S.	25.6	0.06		
High Five States				
District of Columbia	45.4⊕≎	1.80	(01)	77.3
South Carolina	32.8⊕≎	0.64	(02)	28.1
Mississippi	32.6⊕≎	0.70	(03)	27.3
Georgia	31.7⊕¢	0.49	(04)	23.8
Louisiana	30.8⊕¢	0.57	(05)	20.3
Low Five States				
Florida	23.1⊕	0.21	(47)	-9.8
California	23.0⊕¢	0.18	(48)	-10.2
Nebraska	21.5⊕≎	0.66	(49)	-16.0
Alaska	20.8♥	1.98	(50)	-18.8
Hawaii	16.8⊕¢	0.71	(51)	-34.4

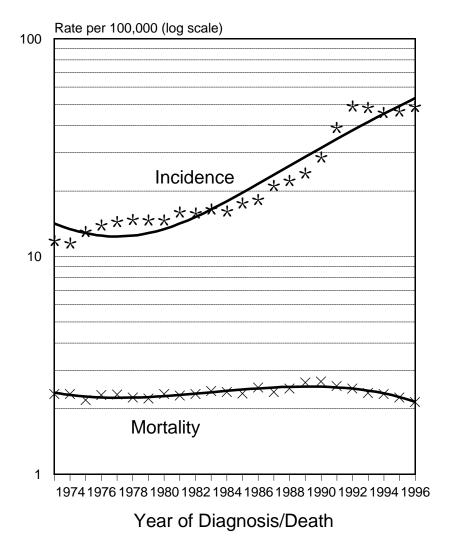
State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
Alabama	28.7⊕≎	0.52	(11)	12.1	Montana	26.9	1.03	(17)	5.1
Alaska	20.8♥	1.98	(50)	-18.8	Nebraska	21.5⊕\$	0.66	(49)	-16.0
Arizona	23.2⊕	0.45	(45)	-9.4	Nevada	24.9	0.89	(31)	-2.7
Arkansas	27.1	0.60	(15)	5.9	New Hampshire	24.6	0.95	(36)	-3.9
California	23.0⊕¢	0.18	(48)	-10.2	New Jersey	26.3	0.35	(21)	2.7
Colorado	23.9	0.56	(42)	-6.6	New Mexico	24.8	0.80	(33)	-3.1
Connecticut	23.1	0.50	(46)	-9.8	New York	24.6	0.23	(35)	-3.9
Delaware	30.0≎	1.33	(07)	17.2	North Carolina	30.4⊕≎	0.43	(06)	18.8
District of Columbia	45.4⊕¢	1.80	(01)	77.3	North Dakota	28.8≎	1.18	(10)	12.5
Florida	23.1⊕	0.21	(47)	-9.8	Ohio	26.1	0.30	(24)	2.0
Georgia	31.7⊕¢	0.49	(04)	23.8	Oklahoma	23.5	0.51	(44)	-8.2
Hawaii	16.8⊕≎	0.71	(51)	-34.4	Oregon	24.8	0.52	(32)	-3.1
Idaho	26.7	0.95	(18)	4.3	Pennsylvania	25.8	0.26	(28)	0.8
Illinois	25.8	0.30	(27)	0.8	Rhode Island	23.7	0.89	(43)	-7.4
Indiana	25.4	0.42	(29)	-0.8	South Carolina	32.8⊕¢	0.64	(02)	28.1
Iowa	24.2	0.52	(39)	-5.5	South Dakota	27.0	1.08	(16)	5.5
Kansas	24.1	0.57	(40)	-5.9	Tennessee	26.4	0.45	(19)	3.1
Kentucky	25.2	0.51	(30)	-1.6	Texas	25.8	0.26	(26)	0.8
Louisiana	30.8⊕¢	0.57	(05)	20.3	Utah	26.2	0.84	(23)	2.3
Maine	26.4	0.87	(20)	3.1	Vermont	27.9	1.39	(12)	9.0
Maryland	29.3⊕¢	0.52	(80)	14.5	Virginia	29.1⊕¢	0.46	(09)	13.7
Massachusetts	24.8	0.39	(34)	-3.1	Washington	23.9	0.42	(41)	-6.6
Michigan	26.2	0.33	(22)	2.3	West Virginia	24.4	0.67	(38)	-4.7
Minnesota	25.9	0.46	(25)	1.2	Wisconsin	27.3	0.44	(14)	6.6
Mississippi	32.6⊕¢	0.70	(03)	27.3	Wyoming	27.7	1.58	(13)	8.2
Missouri	24.5	0.40	(37)	-4.3					

NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population. Standard error of the rate.
Percent difference between state rate and total U.S. rate.
Absolute difference between state rate and total U.S. rate is 10% or more.
Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

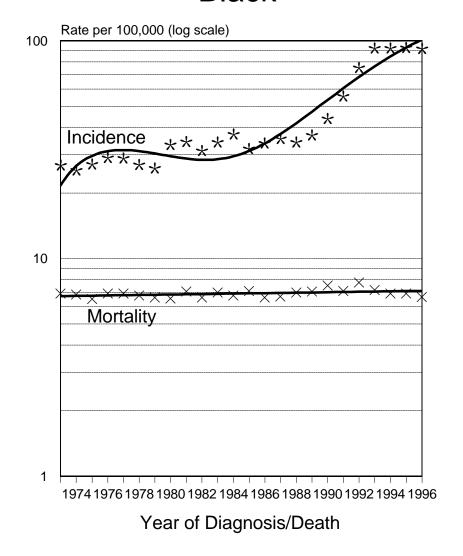
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SEER Incidence and U.S. Mortality Prostate, Under 65 Years of Age By Race

White

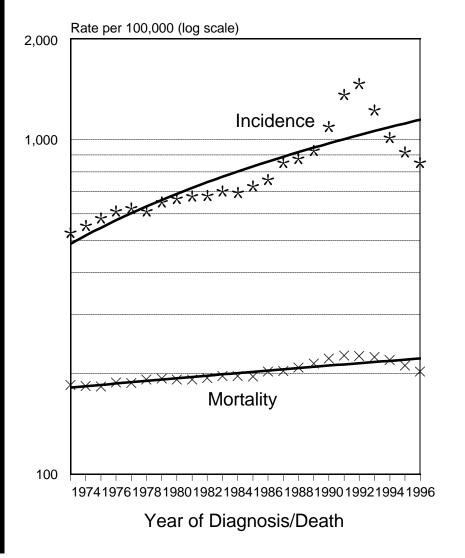


Black

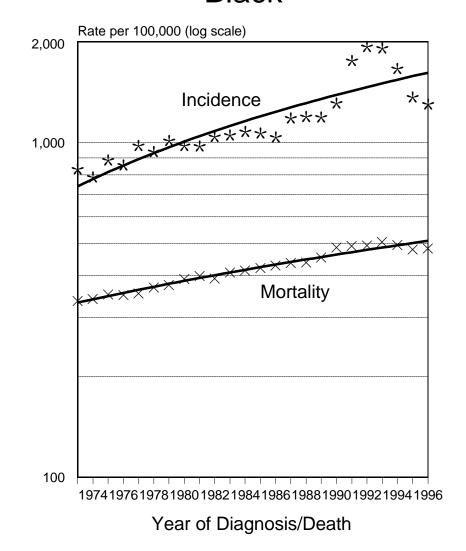


SEER Incidence and U.S. Mortality Prostate, Ages 65 and Over By Race

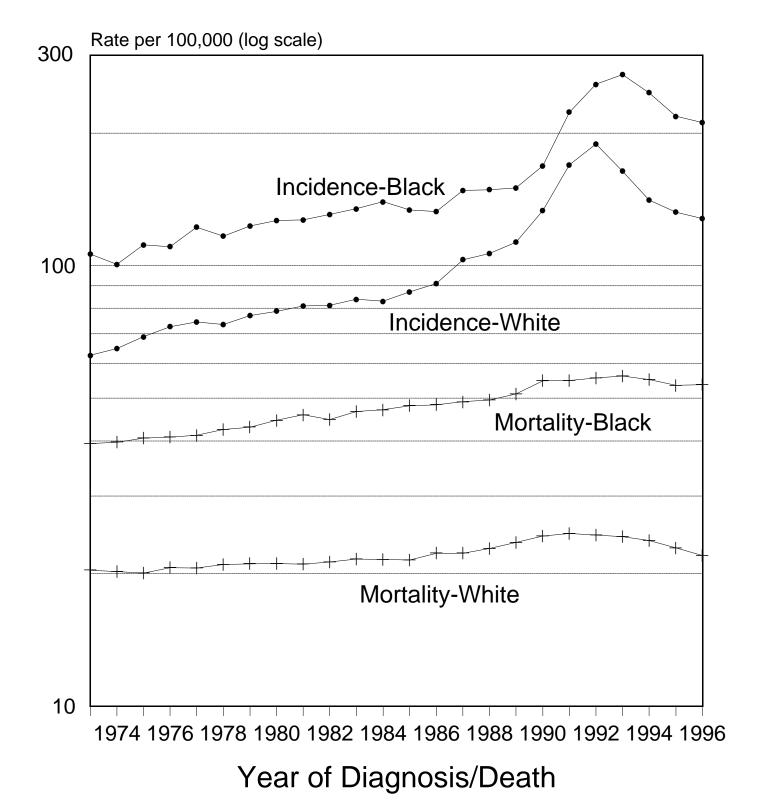
White



Black

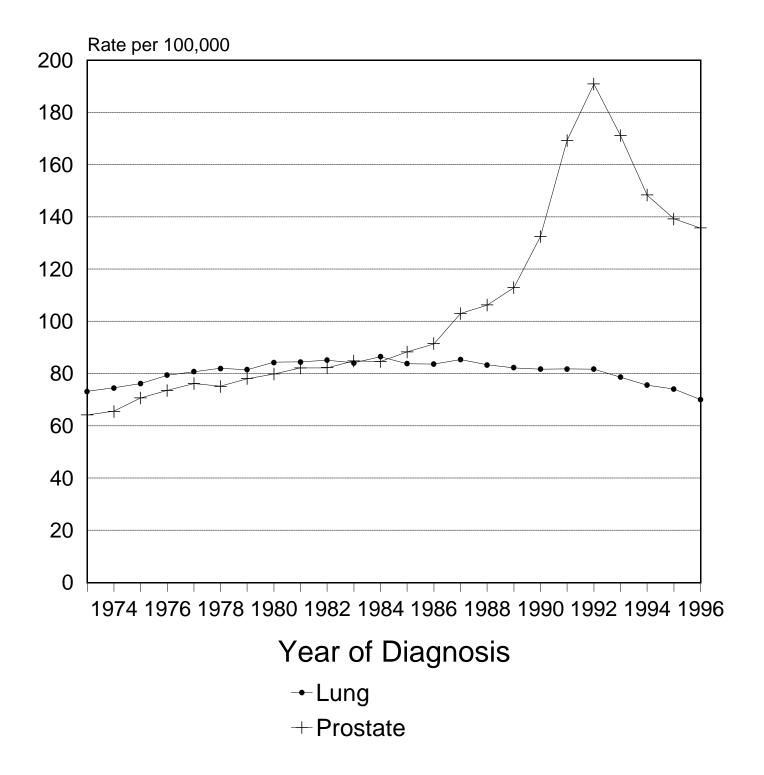


Cancer of the Prostate U.S. Mortality & SEER Incidence, 1973-1996



Age-adjusted to 1970 Standard

Prostate vs. Lung Cancer Incidence All Races, Males 1973-1996



Age-adjusted to 1970 Standard