

Table XXII-1  
PROSTATE CANCER (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY USING THE JOINPOINT REGRESSION PROGRAM, 1973-1997  
WITH UP TO THREE JOINPOINTS BY RACE AND AGE

	<u>All Races</u>		<u>Whites</u>		<u>Blacks</u>	
	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>	<u>Year</u>	<u>APC</u>
<u>SEER Cancer Incidence</u>						
Age - All Ages	1973-88	2.8*	1973-88	3.0*	1973-89	2.2*
	1988-92	17.5*	1988-92	17.5*	1989-92	21.8*
	1992-95	-10.3*	1992-95	-11.7*	1992-97	-4.7*
	1995-97	0.7	1995-97	1.0		
Age - Under 65	1973-85	2.9*	1973-85	3.1*	1973-89	2.1*
	1985-89	7.2*	1985-89	8.3*	1989-93	26.6*
	1989-92	26.8*	1989-92	25.8*	1993-97	-0.4
	1992-97	1.6	1992-97	0.7		
Age - 65 and Over	1973-88	2.7*	1973-88	2.9*	1973-89	2.3*
	1988-92	16.0*	1988-92	15.8*	1989-92	19.1*
	1992-95	-14.2*	1992-95	-15.5*	1992-97	-8.5*
	1995-97	-1.0	1995-97	-1.0		
<u>U.S. Cancer Mortality</u>						
Age - All Ages	1973-87	0.8*	1973-85	0.6*	1973-93	1.9*
	1987-91	2.8*	1985-91	2.2*	1993-97	-2.3*
	1991-94	-1.2	1991-94	-1.1		
	1994-97	-4.4*	1994-97	-4.6*		
Age - Under 65	1973-87	0.3	1973-87	0.4*	1973-87	0.0
	1987-90	3.8	1987-90	3.7	1987-92	2.0
	1990-97	-3.4*	1990-97	-3.9*	1992-97	-2.9*
Age - 65 and Over	1973-87	0.8*	1973-87	0.7*	1973-93	2.1*
	1987-91	2.9*	1987-91	3.1*	1993-97	-2.3*
	1991-94	-0.9	1991-94	-1.2		
	1994-97	-4.4*	1994-97	-4.5*		

The APC is the Annual Percent Change based on rates age-adjusted to the 1970 U.S. standard population using the Joinpoint Regression Program.

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

Table XXII-2  
PROSTATE CANCER (Invasive)

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

	Incidences <sup>§</sup>			US Mortality*		
	All Races, Males	White Males	Black Males	All Races, Males	White Males	Black Males
<u>AGE-SPECIFIC RATES, 1993-97</u>						
AGE AT DIAGNOSIS/DEATH:						
0-4	0.1	0.1	0.0	0.0	0.0	0.0
5-9	0.0	0.0	0.0	0.0	0.0	0.0
10-14	0.0	0.0	0.0	0.0	0.0	0.0
15-19	0.0	0.1	0.0	0.0	0.0	0.0
20-24	0.0	0.0	0.2	0.0	0.0	0.0
25-29	0.0	0.1	0.0	0.0	0.0	0.0
30-34	0.2	0.2	0.0	0.0	0.0	0.0
35-39	0.4	0.4	0.5	0.1	0.0	0.1
40-44	4.2	3.7	9.1	0.2	0.2	0.6
45-49	26.6	23.8	61.2	1.0	0.8	2.8
50-54	111.4	104.4	224.6	4.0	3.4	10.5
55-59	284.4	273.0	522.0	12.7	10.9	33.1
60-64	562.6	542.6	1006.0	33.3	28.5	88.3
65-69	898.7	870.7	1401.4	74.5	65.6	179.3
70-74	1149.2	1109.5	1841.1	149.4	133.7	369.7
75-79	1118.5	1063.4	1660.8	258.8	238.4	566.6
80-84	1018.6	962.8	1431.5	449.2	418.3	942.9
85+	937.8	899.7	1232.1	784.3	745.9	1353.0
<u>AGE-ADJUSTED RATES, 1993-97</u>						
AGE AT DIAGNOSIS/DEATH:						
All ages	147.0	141.1	238.9	24.7	22.6	53.6
Under 65	50.8	48.6	94.1	2.6	2.2	6.8
65 and over	1025.3	985.0	1561.0	226.2	208.5	480.3
All ages (world std.) <sup>⊕</sup>	112.3	107.8	185.4	16.1	14.7	35.5

<sup>§</sup> SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.  
<sup>\*</sup> NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

<sup>⊕</sup> Rates are per 100,000 and are age-adjusted to the world standard population.

Table XXII-3  
 MALE PROSTATE CANCER (Invasive)

SEER INCIDENCES AND U.S. MORTALITY\* RATES, AGE-ADJUSTED RATES, BY RACE AND AGE

	All Races, Males			White Males			Black Males		
	All	<65	65+	All	<65	65+	All	<65	65+
<u>SEER INCIDENCE RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	64.2	12.5	535.4	62.6	11.8	526.3	106.3	26.7	832.4
1974	65.6	12.1	553.5	64.8	11.5	551.4	100.7	25.4	788.1
1975	70.6	13.7	590.6	69.0	13.0	580.0	111.6	27.0	883.5
1976	73.5	14.5	611.9	72.7	13.9	609.1	110.4	28.9	854.3
1977	76.1	15.1	633.6	74.5	14.4	623.1	122.5	28.9	977.1
1978	75.2	15.2	622.6	73.6	14.7	610.7	116.8	27.0	936.6
1979	78.0	14.9	654.0	77.1	14.6	647.0	123.1	25.9	1009.7
1980	79.9	15.4	667.9	78.8	14.6	664.3	127.0	33.6	979.5
1981	82.1	16.7	678.9	81.0	15.9	674.9	127.1	34.0	977.4
1982	82.2	16.3	683.7	81.3	15.8	679.3	130.7	31.2	1038.9
1983	84.9	17.1	704.0	84.0	16.5	700.4	134.4	34.1	1049.3
1984	84.7	17.2	700.4	83.1	16.1	694.6	139.4	37.2	1072.9
1985	88.3	17.9	731.0	87.3	17.5	724.0	133.7	31.6	1065.5
1986	91.4	18.5	757.1	91.2	18.1	757.7	133.2	34.2	1037.1
1987	103.1	21.5	847.7	103.3	21.1	853.1	148.4	35.5	1179.0
1988	106.3	22.2	874.1	106.8	22.3	877.7	149.4	34.5	1198.0
1989	113.1	24.2	924.1	113.4	24.2	927.5	150.9	37.1	1190.2
1990	132.5	28.7	1080.6	133.7	28.7	1091.9	174.4	44.5	1360.4
1991	169.0	38.8	1357.6	170.0	39.2	1364.4	226.5	56.4	1778.3
1992	190.4	49.1	1479.4	189.8	49.0	1475.5	262.0	76.3	1957.4
1993	170.7	50.5	1267.3	165.1	48.7	1227.6	277.3	93.5	1954.4
1994	148.3	48.2	1061.3	142.1	46.2	1017.7	253.5	94.1	1708.2
1995	139.8	49.4	965.2	134.1	46.9	930.3	227.7	95.8	1431.3
1996	138.5	52.4	924.4	132.5	50.2	883.5	224.5	96.9	1388.8
1997	139.1	53.0	924.5	132.6	50.7	880.9	214.6	89.3	1358.5
1993-97	147.0	50.8	1025.3	141.1	48.6	985.0	238.9	94.1	1561.0
<u>U.S. MORTALITY RATES</u>									
<u>YEAR OF DEATH:</u>									
1973	21.7	2.7	195.4	20.3	2.3	184.7	39.5	6.9	336.4
1974	21.7	2.7	194.8	20.2	2.3	183.5	39.7	6.8	340.2
1975	21.6	2.5	195.3	20.1	2.2	183.2	40.6	6.5	351.5
1976	22.1	2.7	199.7	20.6	2.3	187.9	40.8	6.9	350.2
1977	22.1	2.7	199.4	20.6	2.3	187.2	41.2	6.9	354.0
1978	22.6	2.6	204.8	21.0	2.3	191.9	42.5	6.8	368.2
1979	22.7	2.6	206.2	21.1	2.2	192.8	43.0	6.6	375.0
1980	22.8	2.7	206.6	21.1	2.3	192.0	44.6	6.6	391.4
1981	22.9	2.7	207.0	21.0	2.3	191.8	45.8	7.1	399.8
1982	23.0	2.7	208.4	21.3	2.3	194.0	44.7	6.6	392.7
1983	23.4	2.8	211.8	21.6	2.4	196.7	46.6	7.0	408.5
1984	23.4	2.7	212.0	21.5	2.4	196.2	47.1	6.7	415.1
1985	23.4	2.7	212.1	21.5	2.4	195.8	48.1	7.1	422.0
1986	24.1	2.8	218.4	22.2	2.5	202.5	48.3	6.6	429.0
1987	24.1	2.7	219.6	22.2	2.4	203.4	49.1	6.7	436.3
1988	24.7	2.8	223.8	22.8	2.5	208.2	49.5	7.0	437.9
1989	25.4	3.0	230.4	23.5	2.6	214.2	51.1	7.1	453.0
1990	26.4	3.0	239.9	24.3	2.7	222.2	54.8	7.5	486.3
1991	26.7	2.9	243.8	24.7	2.5	226.4	54.9	7.1	490.7
1992	26.6	2.9	242.6	24.4	2.5	225.0	55.6	7.8	492.1
1993	26.4	2.8	242.0	24.2	2.4	223.5	56.2	7.2	503.4
1994	25.8	2.7	236.5	23.7	2.3	218.6	55.1	6.9	494.9
1995	24.8	2.6	227.6	22.8	2.2	210.1	53.4	6.9	477.9
1996	24.0	2.5	219.9	21.9	2.2	201.7	53.6	6.7	481.6
1997	22.5	2.3	206.9	20.6	2.0	190.4	49.9	6.5	445.7
1993-97	24.7	2.6	226.2	22.6	2.2	208.5	53.6	6.8	480.3

\* \* \*

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

Table XXII-4  
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:									
1960-63 <sup>a</sup>	-	-	-	50	-	-	35	-	-
1970-73 <sup>a</sup>	-	-	-	63	-	-	55	-	-
1974-76 <sup>b</sup>	67.2	71.4	65.7	68.2	72.8	66.6	58.6	60.5	57.5
1977-79 <sup>b</sup>	71.2	75.8	69.5	72.3	77.5	70.4	62.6	64.5	61.6
1980-82 <sup>b</sup>	73.4	76.5	72.3	74.5	78.0	73.4	64.7	66.8	63.7
1983-85 <sup>b</sup>	74.8	75.9	74.4	76.3	77.7	75.8	63.9	65.0	63.4
1986-88 <sup>b</sup>	81.2	81.2	81.2	82.7	83.1	82.7	69.3	69.7	69.2
1989-96 <sup>b</sup>	93.1 <sup>S</sup>	93.7	93.6	94.1 <sup>S</sup>	94.5	94.7	86.7 <sup>S</sup>	89.4 <sup>S</sup>	86.3 <sup>S</sup>
1989-96 <sup>b</sup>									
ALL STAGES	93.1	93.7	93.6	94.1	94.5	94.7	86.7	89.4	86.3
LOCAL/REGIONAL	100.0	99.3	100.0	100.0	99.5	100.0	97.6	98.1	98.4
DISTANT	32.6	30.5	33.3	32.2	30.3	32.8	30.1	28.6	30.7
UNSTAGED	86.8	88.8	86.7	87.4	89.3	87.4	83.4	87.4	82.7
<u>STAGE DISTRIBUTION (%) 1989-96<sup>b</sup></u>									
ALL STAGES									
Number of cases	122,894	29,480	93,414	103,725	24,395	79,330	13,517	4,211	9,306
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCAL/REGIONAL	80	86	78	80	87	78	74	80	71
DISTANT	8	6	9	7	5	8	12	9	14
UNSTAGED	12	8	14	12	7	14	14	11	16
<u>5-YR RELATIVE SURVIVAL RATES, 1989-96<sup>b</sup></u>									
AGE AT DIAGNOSIS:									
<45	83.8	-	-	82.4	-	-	88.3 <sup>†</sup>	-	-
45-54	91.2	-	-	91.2	-	-	92.1	-	-
55-64	94.4	-	-	95.3	-	-	89.1	-	-
65-74	96.3	-	-	97.1	-	-	91.1	-	-
75+	89.6	-	-	91.1	-	-	77.0	-	-
Under 65	93.7	-	-	94.5	-	-	89.4	-	-
65 and over	93.6	-	-	94.7	-	-	86.3	-	-

<sup>a</sup> Rates are based on End Results data from a series of hospital registries and one population-based registry.  
<sup>b</sup> 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 1997.  
<sup>S</sup> The difference in rates between 1974-76 and 1989-96 is statistically significant (p<.05).  
<sup>†</sup> The standard error of the survival rate is between 5 and 10 percentage points.  
<sup>↑</sup> The standard error of the survival rate is greater than 10 percentage points.  
<sup>-</sup> 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

	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
Incidence																						
SEER	73.5	76.1	75.2	78.0	79.9	82.1	82.2	84.9	84.7	88.3	91.4	103.1	106.3	113.1	132.5	169.0	190.4	170.7	148.3	139.8	138.5	139.1
Mortality																						
U.S.	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	25.8	24.8	24.0	22.5
SEER	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	26.2	25.3	25.3	23.7	23.1	21.0
Relative Survival Rates (SEER)																						
1-year	91.2	92.1	92.3	93.3	93.4	94.1	94.2	94.6	94.7	95.2	95.0	95.5	96.4	96.9	97.7	98.9	99.8	99.6	99.4	99.1	99.4	
2-year	84.4	85.5	85.2	86.9	87.7	88.3	88.1	89.1	89.2	88.8	89.4	91.5	92.8	93.9	94.8	97.6	98.7	98.5	98.4	98.1		
3-year	78.3	79.0	79.9	80.9	81.5	82.6	83.1	83.7	83.3	83.9	84.3	87.2	89.0	90.5	92.6	96.3	98.2	97.5	97.4			
4-year	73.3	74.1	74.6	76.5	76.9	77.5	78.0	78.4	79.0	79.4	80.6	83.9	86.3	88.1	90.8	95.2	97.8	97.2				
5-year	69.3	70.0	70.8	72.7	72.4	74.1	73.7	74.1	74.3	75.9	77.9	81.1	84.0	85.6	89.6	94.0	97.2					
6-year	65.5	66.6	68.4	70.1	68.6	71.0	69.6	70.8	71.8	73.1	74.8	78.8	81.7	83.6	88.3	93.0						
7-year	63.3	63.8	64.9	66.6	64.9	66.8	65.8	66.9	70.1	70.9	72.8	76.3	78.9	82.1	86.6							
8-year	60.4	61.0	62.2	63.9	61.4	64.4	63.1	63.6	67.5	68.5	71.3	74.5	77.2	80.8								
9-year	57.8	59.2	59.3	61.5	59.1	62.1	60.8	62.1	65.5	66.5	68.9	72.9	76.0									
10-year	55.5	57.5	56.8	59.0	56.6	59.8	59.6	60.8	64.3	64.4	67.0	71.5										
11-year	52.2	54.5	54.6	56.8	55.1	57.2	57.7	59.2	62.1	62.0	65.8											
12-year	50.4	52.4	53.0	54.4	52.9	55.4	56.2	57.8	60.2	59.8												
13-year	48.5	51.6	51.7	51.8	51.5	54.3	54.1	56.5	58.8													
14-year	47.6	49.2	50.7	49.8	50.6	53.0	52.8	54.6														
15-year	46.9	47.9	49.7	48.3	50.0	51.9	52.5															
16-year	44.8	46.4	47.9	47.5	49.1	51.0																
17-year	43.4	44.5	46.2	46.4	48.1																	
18-year	41.1	43.4	45.2	45.6																		
19-year	41.1	42.7	42.9																			
20-year	41.0	41.8																				
21-year	39.0																					

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

9 SEER Areas, 1995-97

All Races

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	15.89
10	0.00	0.00	0.00	16.05
20	0.00	0.00	0.16	16.16
30	0.00	0.16	2.01	16.40
40	0.17	2.06	7.60	16.78
50	1.97	7.74	14.11	17.30
60	6.38	13.42	16.40	16.95

Lifetime Risk of Being Diagnosed = 15.89%  
 Lifetime Risk of Dying = 3.43%

Whites

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	15.54
10	0.00	0.00	0.00	15.67
20	0.00	0.00	0.14	15.76
30	0.00	0.15	1.93	15.95
40	0.15	1.97	7.42	16.27
50	1.89	7.53	13.70	16.71
60	6.19	12.96	15.74	16.26

Lifetime Risk of Being Diagnosed = 15.54%  
 Lifetime Risk of Dying = 3.36%

Blacks

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.00	17.77
10	0.00	0.00	0.00	18.16
20	0.00	0.00	0.36	18.38
30	0.00	0.37	3.35	19.00
40	0.38	3.51	10.65	19.95
50	3.45	11.31	18.62	21.56
60	9.68	18.67	21.68	22.30

Lifetime Risk of Being Diagnosed = 17.77%  
 Lifetime Risk of Dying = 4.42%

Table XXII-7  
PROSTATE CANCER (Invasive)

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

By Race/Ethnicity and Sex

Incidence<sup>i</sup>

RACE/ETHNICITY	Rate 1990-1997	Trend 1990-1997
	Rate per 100,000 persons	EAPC (%)
	Males	Males
All Races	149.7	-2.1
White	145.8	-3.0
White Hispanic	106.4	-0.7
White Non-Hispanic	149.2	-3.0
Black	225.0	0.7
Asian/Pacific Islander	80.4	0.1
American Indian	45.8	-3.8
Hispanic <sup>⊙</sup>	101.6	-0.7

Mortality<sup>❖</sup>

RACE/ETHNICITY	Rate 1990-1997	Trend 1990-1997
	Rate per 100,000 persons	EAPC (%)
	Males	Males
All Races	25.4	-2.2★
White	23.3	-2.4★
White Hispanic	16.8	-1.1
White Non-Hispanic	23.4	-2.2★
Black	54.1	-1.1★
Asian/Pacific Islander	10.4	-2.5★
American Indian	14.2	0.4
Hispanic <sup>⊙</sup>	16.2	-1.2

- 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.

<sup>i</sup> Incidence data are from the 11 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, 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, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

<sup>⊙</sup> 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.

<sup>❖</sup> Mortality data are analyzed from a public-use file provided by the National Center for Health Statistics (NCHS).

<sup>★</sup> The EAPC is significantly different from zero (p<.05).

Table XXII-8  
PROSTATE CANCER (Invasive)

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

	All Races, Males	White Males	Black Males
<u>SEER INCIDENCE RATES§, 1993-97</u>			
REGISTRY			
11 registries	144.0	137.7	230.2
9 registries	147.0	141.1	238.9
San Francisco-Oakland	139.8	137.4	189.5
Connecticut	144.6	138.4	232.7
Metropolitan Detroit	180.0	158.0	261.2
Hawaii	104.7	139.0	-
Iowa	134.0	131.5	-
New Mexico	129.3	132.4	-
Seattle-Puget Sound	135.0	133.4	200.9
Utah	151.9	147.5	-
Metropolitan Atlanta	182.6	160.0	274.7
San Jose-Monterey	128.6	124.6	213.1
Los Angeles	137.8	129.3	210.2
<u>SEER MORTALITY RATES*, 1993-97</u>			
REGISTRY			
11 registries	23.1	22.2	47.8
9 registries	23.6	22.7	48.4
San Francisco-Oakland	22.8	22.7	46.6
Connecticut	21.8	20.5	52.5
Metropolitan Detroit	26.6	22.5	44.5
Hawaii	15.8	23.3	-
Iowa	23.4	23.2	-
New Mexico	24.3	24.3	-
Seattle-Puget Sound	22.6	22.6	40.8
Utah	25.4	25.4	-
Metropolitan Atlanta	30.7	23.5	64.3
San Jose-Monterey	20.4	22.0	42.0
Los Angeles	21.7	20.4	46.7

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 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)

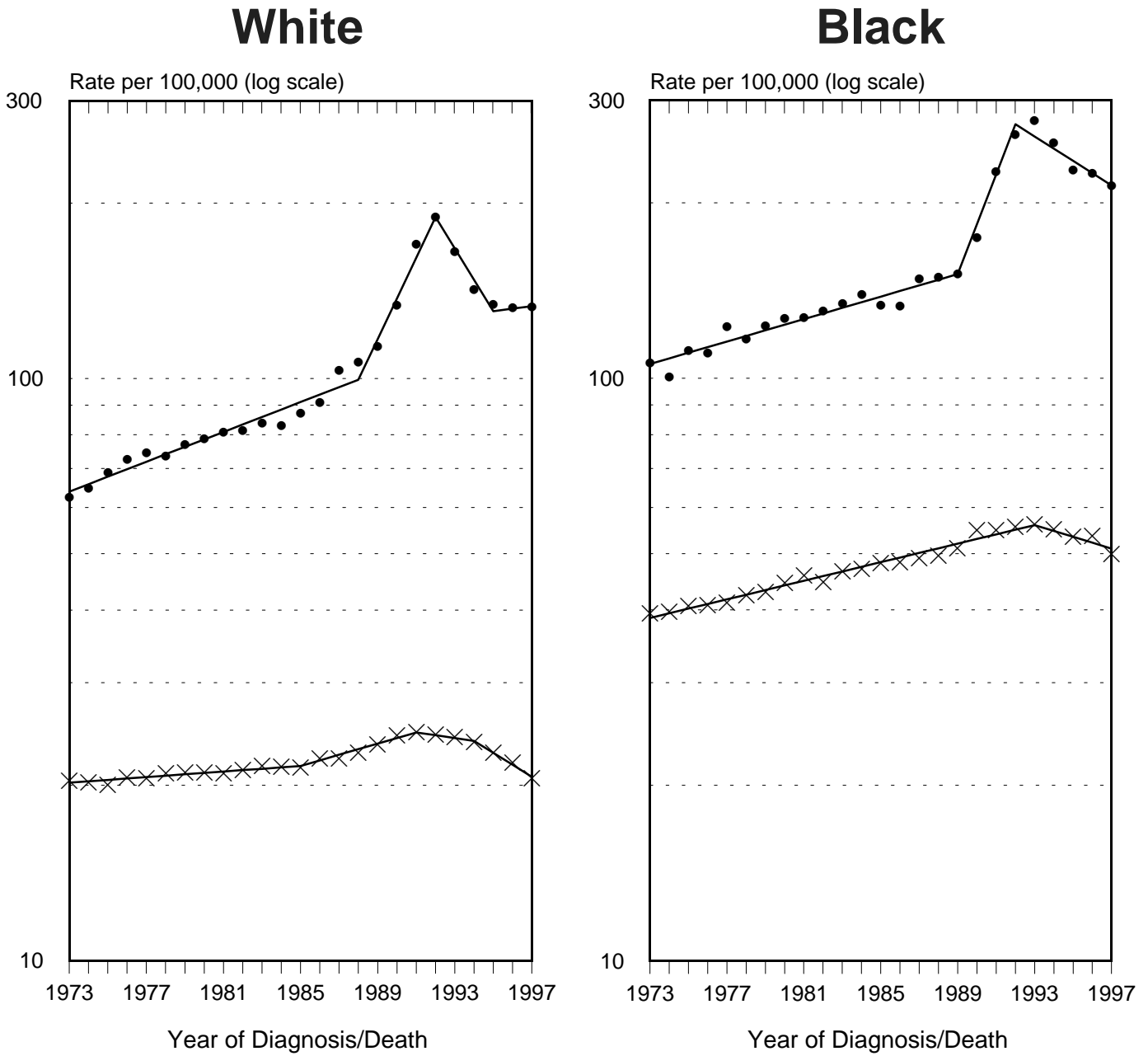
## AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY\* RATES BY STATE, 1993-97

All Races, Males

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	24.7	0.06							
High Five States									
District of Columbia	43.0⊕*	1.75	(01)	74.1					
South Carolina	31.6⊕*	0.62	(02)	27.9					
Mississippi	31.1⊕*	0.68	(03)	25.9					
Georgia	30.3⊕*	0.47	(04)	22.7					
Louisiana	29.9⊕*	0.55	(05)	21.1					
Low Five States									
California	22.0⊕*	0.17	(47)	-10.9					
Connecticut	21.8⊕*	0.48	(48)	-11.7					
Nebraska	20.9⊕*	0.65	(49)	-15.4					
Alaska	18.0*	1.77	(50)	-27.1					
Hawaii	15.8⊕*	0.67	(51)	-36.0					
Alabama	28.6⊕*	0.51	(07)	15.8	Montana	26.4	1.01	(14)	6.9
Alaska	18.0*	1.77	(50)	-27.1	Nebraska	20.9⊕*	0.65	(49)	-15.4
Arizona	22.3⊕	0.43	(46)	-9.7	Nevada	24.1	0.84	(33)	-2.4
Arkansas	25.8	0.58	(16)	4.5	New Hampshire	23.4	0.91	(39)	-5.3
California	22.0⊕*	0.17	(47)	-10.9	New Jersey	25.3	0.34	(21)	2.4
Colorado	22.5	0.53	(43)	-8.9	New Mexico	24.3	0.77	(32)	-1.6
Connecticut	21.8⊕*	0.48	(48)	-11.7	New York	23.9	0.22	(34)	-3.2
Delaware	27.9*	1.26	(11)	13.0	North Carolina	29.1⊕*	0.41	(06)	17.8
District of Columbia	43.0⊕*	1.75	(01)	74.1	North Dakota	27.1	1.13	(12)	9.7
Florida	22.4⊕	0.20	(45)	-9.3	Ohio	25.3	0.29	(20)	2.4
Georgia	30.3⊕*	0.47	(04)	22.7	Oklahoma	22.5	0.49	(44)	-8.9
Hawaii	15.8⊕*	0.67	(51)	-36.0	Oregon	24.6	0.51	(31)	-0.4
Idaho	24.9	0.90	(30)	0.8	Pennsylvania	25.0	0.26	(29)	1.2
Illinois	25.0	0.29	(28)	1.2	Rhode Island	23.7	0.89	(35)	-4.0
Indiana	25.0	0.41	(26)	1.2	South Carolina	31.6⊕*	0.62	(02)	27.9
Iowa	23.4	0.50	(38)	-5.3	South Dakota	26.2	1.06	(15)	6.1
Kansas	22.8	0.55	(41)	-7.7	Tennessee	25.7	0.44	(18)	4.0
Kentucky	25.0	0.50	(27)	1.2	Texas	25.1	0.25	(24)	1.6
Louisiana	29.9⊕*	0.55	(05)	21.1	Utah	25.4	0.81	(19)	2.8
Maine	25.1	0.84	(25)	1.6	Vermont	26.8	1.34	(13)	8.5
Maryland	28.0⊕*	0.50	(09)	13.4	Virginia	28.4⊕*	0.45	(08)	15.0
Massachusetts	23.6	0.37	(36)	-4.5	Washington	22.7	0.40	(42)	-8.1
Michigan	25.3	0.32	(22)	2.4	West Virginia	23.6	0.65	(37)	-4.5
Minnesota	25.2	0.45	(23)	2.0	Wisconsin	25.8	0.42	(17)	4.5
Mississippi	31.1⊕*	0.68	(03)	25.9	Wyoming	28.0*	1.55	(10)	13.4
Missouri	23.1	0.39	(40)	-6.5					

\* NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.  
SE Standard error of the rate.  
PD 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).

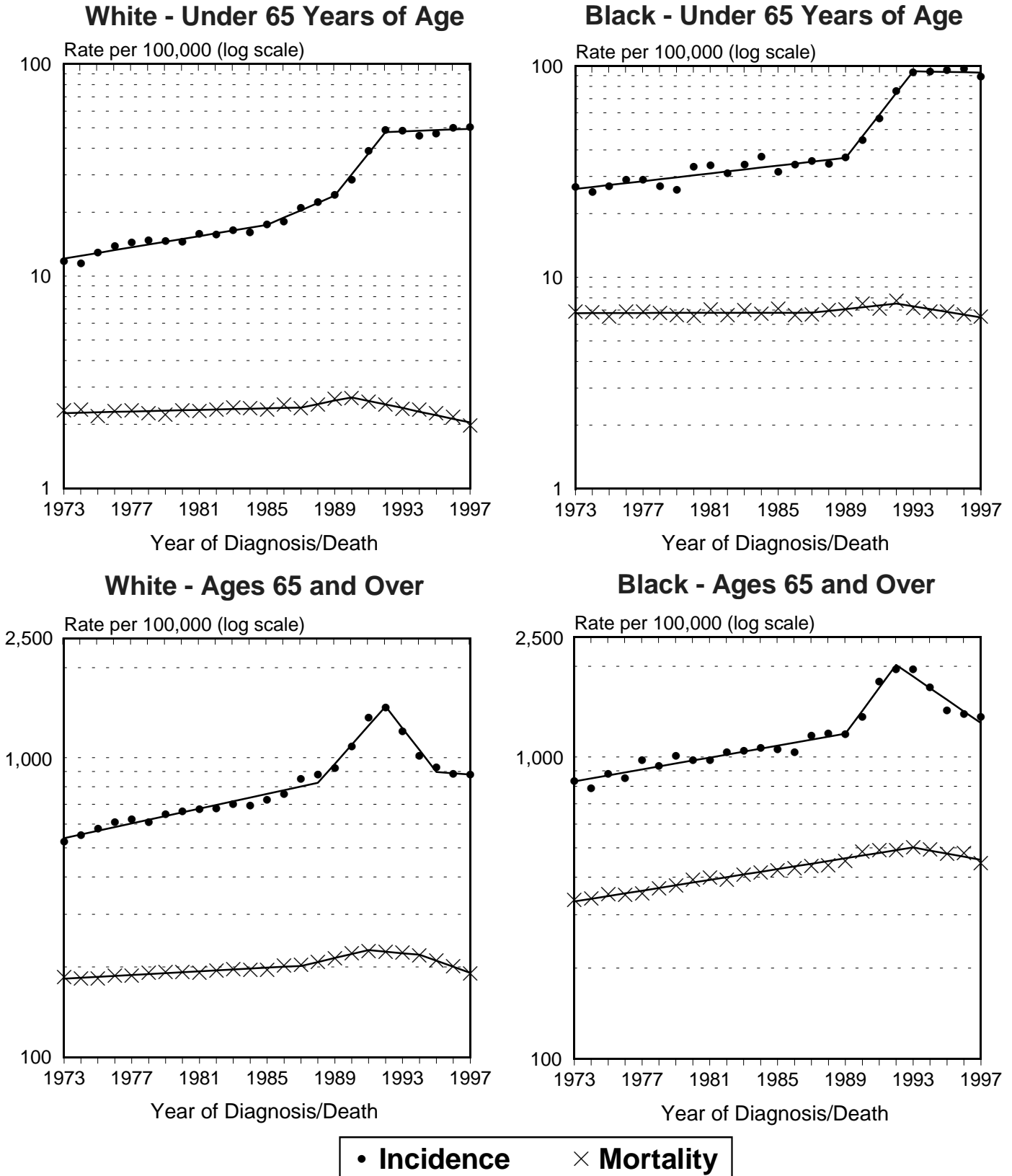
# SEER Incidence and U.S. Mortality Rates<sup>+</sup> Prostate By Race



• Incidence × Mortality

<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

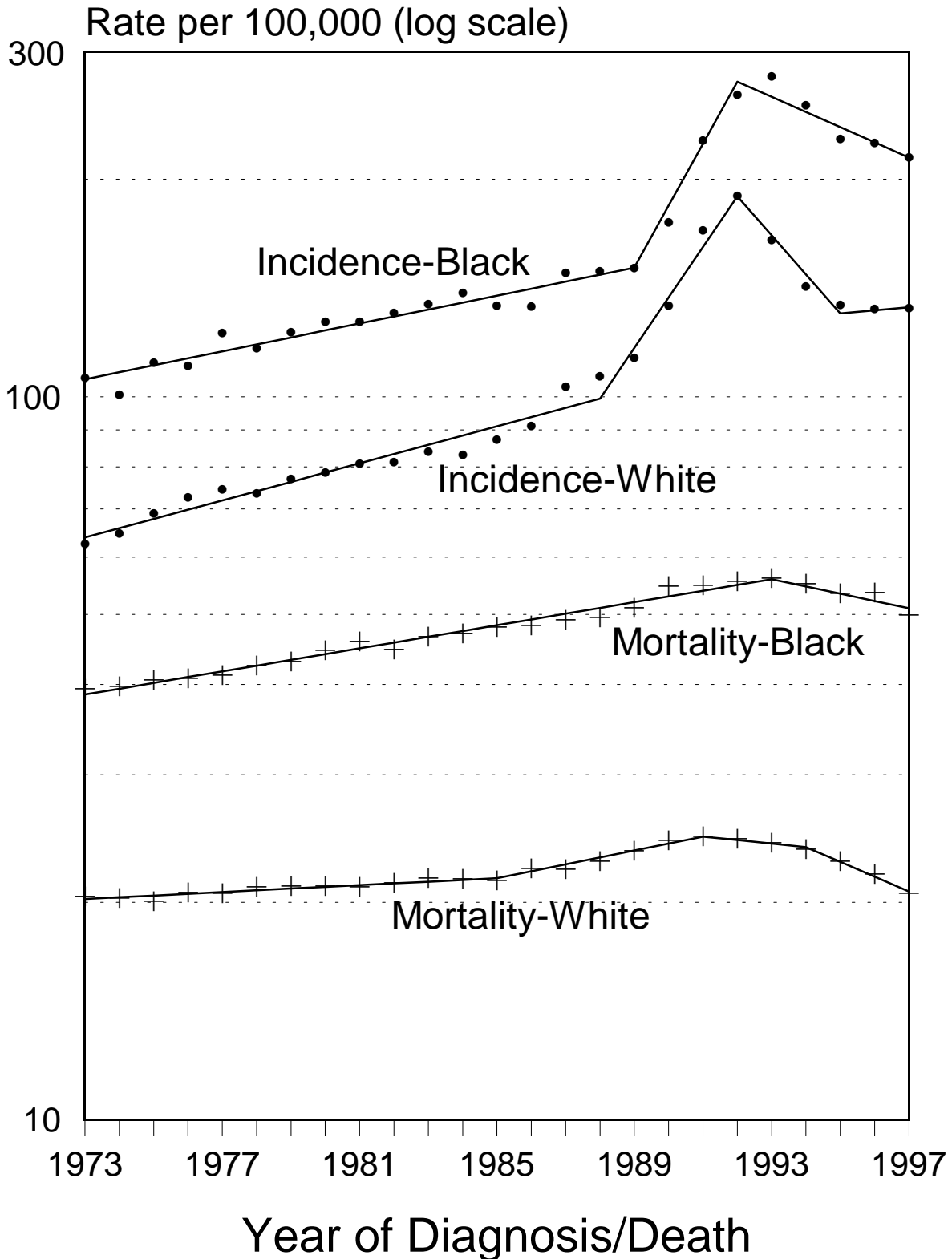
# SEER Incidence and U.S. Mortality Rates<sup>+</sup> Prostate Cancer, By Age and Race



<sup>+</sup> Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

# Cancer of the Prostate

## U.S. Mortality & SEER Incidence, 1973-1997

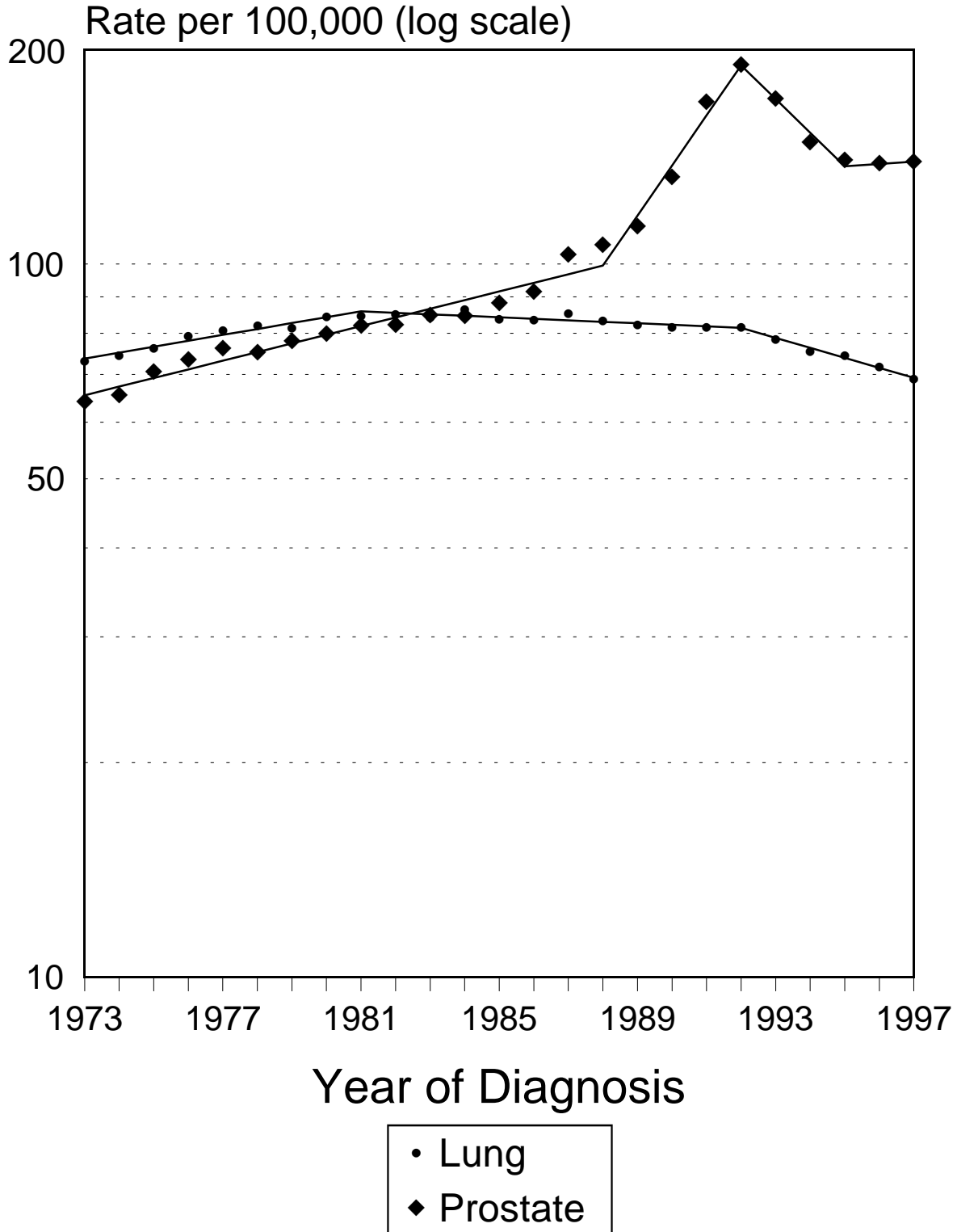


Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.

# Prostate vs. Lung Cancer Incidence

## All Races, Males

### 1973-1997



Rates are age-adjusted to the 1970 U.S. standard million population. Regression lines are calculated using the Joinpoint Regression Program.