Table V-1
CERVIX UTERI CANCER (Invasive)

TRENDS IN SEER INCIDENCE[a] AND U.S. MORTALITY[b] USING THE JOINPOINT REGRESSION PROGRAM, 1975-2002
WITH UP TO THREE JOINPOINTS BY RACE AND AGE

		Joinpoint Segment 1		Joinpoint Segment 2		Joinpoint Segment 3		Joinpoint Segment 4	
		Year	APC	Year	APC	Year	APC	Year	APC
SEER Cancer Incidence[a]									
All Races	All Ages	1975-1981	-4.6[c]	1981-1997	-1.1[c]	1997-2002	-4.8[c]		
All Races	Under 50	1975-1981	-3.7[c]	1981-1997	-0.4	1997-2002	-5.1[c]		
All Races	50 and Over	1975-1983	-4.9[c]	1983-1991	-0.9	1991-2002	-3.3[c]		
White	All Ages	1975-1982	-4.8[c]	1982-1990	0.4	1990-2002	-2.6[c]		
White	Under 50	1975-1981	-4.6[c]	1981-1989	1.3	1989-1998	-1.2	1998-2002	-4.7[c]
White	50 and Over	1975-1985	-4.7[c]	1985-1990	0.7	1990-2002	-3.4[c]		
Black	All Ages	1975-2002	-3.8[c]						
Black	Under 50	1975-2002	-3.4[c]						
Black	50 and Over	1975-2002	-4.1[c]						
SEER Delay-Adjusted Incidence[a]									
All Races	All Ages	1975-1981	-4.6[c]	1981-1997	-1.1[c]	1997-2002	-4.5[c]		
White	All Ages	1975-1982	-4.8[c]	1982-1990	0.4	1990-2002	-2.3[c]		
Black	All Ages	1975-2002	-3.7[c]						
U.S. Cancer Mortality[b]									
All Races	All Ages	1975-1982	-4.4[c]	1982-1996	-1.6[c]	1996-2002	-3.8[c]		
All Races	Under 50	1975-1981	-3.7[c]	1981-1997	-0.8[c]	1997-2002	-4.7[c]		
All Races	50 and Over	1975-1984	-4.3[c]	1984-1994	-1.8[c]	1994-2002	-3.4[c]		
White	All Ages	1975-1983	-4.2[c]	1983-1996	-1.3[c]	1996-2002	-3.5[c]		
White	Under 50	1975-1979	-5.0[c]	1979-1997	-0.4[c]	1997-2002	-3.8[c]		
White	50 and Over	1975-1984	-4.6[c]	1984-1996	-1.8[c]	1996-2002	-3.6[c]		
Black	All Ages	1975-1981	-4.8[c]	1981-1993	-2.4[c]	1993-2002	-4.8[c]		
Black	Under 50	1975-2002	-3.3[c]						
Black	50 and Over	1975-2002	-3.3[c]						

Joinpoint Regression Program Version 3.0, April 2005, National Cancer Institute. (http://srab.cancer.gov/joinpoint/).

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.
[b] Trends are from the NCHS public use data file for the total US.
[c] The APC is significantly different from zero (p<.05).

Table V-2
CERVIX UTERI CANCER (Invasive)

SEER INCIDENCE[a] AND U.S. DEATH[b] RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE

	Incidence[a]			US Death[b]		
	All Races, Females	White Females	Black Females	All Races, Females	White Females	Black Females
AGE-SPECIFIC RATES, 1998-2002						
AGE AT DIAGNOSIS/DEATH:						
<1	-	-	-	-	-	-
1-4	-	-	-	-	-	-
5-9	-	-	-	-	-	-
10-14	-	-	-	-	-	-
15-19	-	-	-	-	-	-
20-24	1.3	1.4	-	0.2	0.1	-
25-29	6.2	6.8	5.4	0.7	0.7	0.8
30-34	10.9	11.5	10.5	1.6	1.5	2.3
35-39	12.2	12.3	11.9	2.7	2.5	4.0
40-44	14.3	13.9	17.1	3.6	3.4	5.8
45-49	14.1	12.8	19.8	4.5	4.2	6.9
50-54	12.3	11.3	14.9	5.2	4.7	8.6
55-59	12.7	11.7	17.0	5.5	5.0	9.6
60-64	13.6	11.9	22.6	6.0	5.2	12.0
65-69	14.3	12.5	29.3	6.4	5.3	15.3
70-74	11.6	10.0	25.2	6.7	5.6	16.5
75-79	13.1	10.3	33.6	7.4	6.4	17.0
80-84	13.3	10.7	32.4	8.1	7.0	20.6
85+	12.9	10.8	39.7	10.2	8.6	27.5
AGE-ADJUSTED RATES, 1998-2002						
AGE AT DIAGNOSIS/DEATH:						
All ages	8.0	7.5	11.5	2.8	2.5	5.3
Under 65	7.3	7.1	8.7	2.1	1.9	3.4
65 and over	13.0	11.0	30.9	7.4	6.3	18.2
All ages(IARC world std)[c]	6.3	6.0	8.5	2.0	1.8	3.7

[a] SEER 9 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] NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.
[c] Rates are per 100,000 and are age-adjusted to the IARC world standard population.
- Statistic not shown. Rate based on less than 25 cases for the time interval.

Table V-3
CERVIX UTERI CANCER (Invasive)

SEER INCIDENCE[a] AND U.S. DEATH[b] RATES, AGE-ADJUSTED RATES, BY RACE AND AGE

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
SEER INCIDENCE RATES									
YEAR OF DIAGNOSIS:									
1975	14.8	9.7	28.2	13.3	8.9	24.8	33.0	17.6	73.4
1976	14.2	9.5	26.7	12.9	8.8	23.7	29.3	15.8	64.4
1977	13.0	8.4	25.0	11.7	7.5	22.5	28.2	15.9	60.4
1978	12.5	8.3	23.6	11.4	7.8	20.9	24.1	12.4	55.0
1979	12.7	8.7	23.4	11.0	7.6	19.9	28.8	16.0	62.4
1980	12.2	8.1	23.0	10.9	7.3	20.6	23.5	13.6	49.4
1981	10.8	7.3	19.7	9.6	6.6	17.3	23.9	13.6	50.8
1982	10.6	7.1	19.8	9.4	6.7	16.5	21.8	10.2	52.4
1983	10.5	7.3	18.8	9.6	6.8	17.0	18.8	11.9	37.0
1984	11.0	8.0	19.0	10.0	7.4	16.7	21.0	12.4	43.3
1985	10.2	7.1	18.5	9.1	6.7	15.4	19.0	9.5	43.8
1986	10.8	7.9	18.6	9.7	7.3	16.0	18.3	10.5	38.5
1987	10.0	7.1	17.6	9.0	6.9	14.6	18.7	8.7	45.0
1988	10.6	7.9	17.7	9.5	7.4	15.1	18.9	10.4	40.9
1989	10.7	7.9	18.0	10.0	7.8	15.7	15.6	8.0	35.5
1990	10.7	8.0	17.7	10.0	7.7	15.9	16.7	9.6	35.2
1991	10.0	7.0	17.9	9.2	6.8	15.6	16.2	9.1	34.9
1992	9.9	7.5	16.5	9.4	7.2	15.2	13.9	9.9	24.5
1993	9.7	7.1	16.4	9.2	7.0	14.8	13.7	8.9	26.5
1994	9.4	6.9	16.1	8.7	6.8	13.7	14.0	6.9	32.6
1995	8.8	6.7	14.3	7.9	6.5	11.7	13.5	7.7	28.5
1996	9.6	7.3	15.5	8.7	7.1	13.0	14.1	8.0	30.0
1997	9.2	7.1	14.7	8.3	6.9	12.2	13.5	8.1	27.8
1998	9.1	7.1	14.4	8.4	6.8	12.5	13.0	8.9	23.6
1999	8.2	6.4	12.8	7.8	6.5	11.0	13.4	8.0	27.3
2000	7.6	5.8	12.5	7.4	5.9	11.3	10.1	6.3	20.1
2001	7.9	5.9	13.3	7.4	5.8	11.6	11.0	5.0	26.7
2002	7.2	5.5	11.7	6.8	5.6	10.1	10.3	6.3	20.7
U.S. DEATH RATES									
YEAR OF DEATH:									
1975	5.6	2.4	13.9	4.7	1.9	12.1	13.3	5.7	33.3
1976	5.4	2.2	13.9	4.7	1.9	12.1	12.9	4.9	33.7
1977	5.0	2.0	12.7	4.2	1.6	11.0	12.2	5.0	31.1
1978	4.8	2.1	12.0	4.2	1.8	10.4	11.6	4.8	29.6
1979	4.6	1.9	11.6	3.9	1.6	10.2	10.6	4.5	26.7
1980	4.5	2.0	11.0	3.8	1.6	9.5	10.8	4.6	26.9
1981	4.3	1.8	10.9	3.7	1.6	9.4	9.9	3.7	26.0
1982	4.1	1.8	10.2	3.5	1.5	8.7	9.8	3.6	25.9
1983	4.0	1.8	9.9	3.4	1.5	8.4	9.8	3.9	25.2
1984	3.9	1.8	9.5	3.4	1.5	8.1	9.3	3.9	23.3
1985	3.8	1.7	9.4	3.3	1.5	7.9	9.0	3.4	23.7
1986	3.8	1.8	9.2	3.2	1.5	7.8	9.2	4.0	22.9
1987	3.6	1.7	8.6	3.1	1.5	7.4	8.2	3.6	20.3
1988	3.6	1.7	8.6	3.1	1.5	7.2	8.2	3.0	21.7
1989	3.6	1.7	8.5	3.0	1.5	7.1	8.6	3.3	22.6
1990	3.7	1.8	8.6	3.2	1.6	7.4	7.8	3.4	19.2
1991	3.5	1.7	8.2	3.0	1.5	7.0	7.6	3.2	19.4
1992	3.5	1.7	8.2	3.0	1.5	6.9	8.1	3.4	20.4
1993	3.4	1.7	8.0	2.9	1.5	6.8	7.7	3.1	19.6
1994	3.4	1.7	7.9	3.0	1.5	6.9	6.7	2.8	16.8
1995	3.2	1.6	7.5	2.8	1.5	6.4	7.0	3.0	17.5
1996	3.2	1.6	7.5	2.9	1.5	6.5	6.2	2.5	15.8
1997	3.1	1.6	7.2	2.8	1.4	6.2	6.5	2.8	16.0
1998	3.0	1.6	6.7	2.6	1.5	5.8	5.9	2.5	14.7
1999	2.8	1.4	6.7	2.6	1.3	5.8	5.4	1.9	14.6
2000	2.8	1.4	6.5	2.5	1.2	5.7	5.4	2.2	14.0
2001	2.7	1.4	6.1	2.4	1.3	5.4	4.8	1.9	12.4
2002	2.5	1.3	5.9	2.3	1.2	5.1	5.0	2.1	12.5

a SEER 9 areas. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
b NCHS public use data file for the total US. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130), unless noted.
- Statistic not shown. Rate based on less than 25 cases for the time interval.

Table V-4
CERVIX UTERI CANCER (Invasive)

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

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
5-YR RELATIVE SURVIVAL RATES									
YEAR OF DIAGNOSIS:									
1960-1963[a]	-	-	-	58	-	-	47	-	-
1970-1973[a]	-	-	-	64	-	-	61	-	-
1974-1976[b]	69.1	81.5	58.1	69.9	82.4	58.6	63.6	75.1	53.7
1977-1979[b]	68.6	78.4	59.7	69.7	80.0	60.5	62.1	71.6	52.4
1980-1982[b]	67.8	79.4	56.2	68.3	80.6	55.9	61.7	72.5	51.2
1983-1985[b]	69.0	78.6	57.9	70.7	80.6	58.7	60.8	70.3	50.4
1986-1988[b]	69.2	78.9	56.9	72.0	81.6	58.4	55.8	63.8	48.2
1989-1991[b]	71.1	78.5	60.9	72.6	80.9	60.2	62.6	67.1	57.4
1992-1994[b]	70.8	80.1	57.1	72.7	82.8	56.9	57.8	62.7	50.6
1995-2001[b]	73.3[d]	81.6	60.8	74.6[d]	83.5	59.9	66.1	70.0	60.6
1995-2001[b]									
All Stages	73.3	81.6	60.8	74.6	83.5	59.9	66.1	70.0	60.6
Localized	92.4	94.5	87.1	92.8	95.7	85.2	88.4	86.9	91.9
Regional	54.7	59.5	50.1	55.3	61.1	49.2	48.2	49.2	46.0
Distant	16.5	22.0	12.7	17.7	26.5	11.2	12.5	14.0[e]	11.9[e]
Unstaged	61.4	75.2	45.8	64.5	77.8	44.3[e]	56.6[e]	61.8[e]	53.7[e]
5-YR PERIOD SURVIVAL RATES[bc]									
YEAR OF DIAGNOSIS:									
1995-2001	72.7	82.2	58.8	74.1	84.1	58.3	66.8	72.9	59.2
STAGE DISTRIBUTION (%) 1995-2001[b]									
All Stages									
Number of cases	7,343	4,252	3,091	5,428	3,249	2,179	1,076	581	495
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
Localized	55	66	39	56	67	40	48	59	36
Regional	32	24	42	30	23	41	35	29	41
Distant	8	5	12	8	5	13	9	7	12
Unstaged	6	5	7	5	5	6	8	5	11
5-YR RELATIVE SURVIVAL RATES, 1995-2001[b]									
AGE AT DIAGNOSIS:									
<45	83.4	-	-	85.3	-	-	72.6	-	-
45-54	71.0	-	-	72.4	-	-	59.7	-	-
55-64	65.4	-	-	64.3	-	-	62.6	-	-
65-74	62.7	-	-	62.5	-	-	59.3[e]	-	-
75+	41.7	-	-	36.2	-	-	59.2[e]	-	-
Under 65	77.1	-	-	78.7	-	-	67.4	-	-
65 and over	53.9	-	-	51.9	-	-	60.2	-	-

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 2002.
c 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 is computed here using three calendar year blocks (1999-2001: 0-1 year survival), (1998-2000: 1-2 year survival), (1997-1999: 2-3 year survival), (1996-1998: 3-4 year survival), (1995-1997: 4-5 years survival).
d The difference in rates between 1974-1976 and 1995-2001 is statistically significant (p<.05).
e The standard error of the survival rate is between 5 and 10 percentage points.
f The standard error of the survival rate is greater than 10 percentage points.
- Statistic could not be calculated.

Table V-5
CERVIX UTERI CANCER (Invasive)

SURVIVAL RATES[a]

By Year of Diagnosis

All Races, Females

Year of Diagnosis

	1975-1979	1980-1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
Relative Survival Rates (SEER[b])																			
1-year	87.1	87.7	87.0	86.1	87.6	87.5	89.3	88.4	88.9	87.4	89.3	87.9	89.7	88.9	89.3	88.6	90.2	88.4	85.9
2-year	78.2	77.7	76.1	77.0	77.9	79.2	80.9	79.8	79.8	78.4	79.8	80.6	82.1	81.8	80.6	81.4	83.1	80.9	
3-year	73.5	73.2	71.5	71.9	73.0	75.6	76.2	75.8	74.5	74.4	75.7	76.8	78.7	77.6	76.0	76.7	78.7		
4-year	70.9	70.3	68.9	69.2	70.0	73.8	73.4	73.6	71.2	70.8	73.1	74.4	76.0	74.7	73.3	74.1			
5-year	69.0	68.6	67.1	66.8	67.9	72.9	71.6	72.5	69.2	68.5	71.0	73.0	74.9	73.8	72.1				
6-year	68.0	66.9	66.2	66.1	67.2	71.1	70.4	71.2	67.7	67.3	70.7	71.5	73.6	73.3					
7-year	67.2	65.4	65.1	65.0	66.5	70.2	69.4	70.5	67.1	66.5	69.9	70.3	72.2						
8-year	66.5	64.3	64.0	64.2	66.2	69.5	68.3	69.7	66.1	66.0	69.4	69.6							
9-year	66.0	63.8	63.2	64.2	65.8	69.1	67.5	67.8	65.4	65.8	69.1								
10-year	65.1	63.5	62.5	64.0	65.8	68.2	67.0	66.5	65.4	65.8									
11-year	64.6	63.2	62.4	63.6	65.5	68.2	66.2	66.2	65.3										
12-year	64.1	62.5	61.7	63.4	65.0	67.5	65.6	66.1											
13-year	63.8	62.2	61.3	63.4	64.3	66.9	65.1												
14-year	63.5	61.6	61.3	63.3	63.3	66.8													
15-year	63.1	61.1	61.1	62.8	62.9														
16-year	62.8	60.7	60.7	62.8															
17-year	62.5	59.9	60.3																
18-year	62.2	59.3																	
19-year	61.7																		
20-year	61.3																		

[a] Survival rates are relative rates expressed as percents.
[b] Rates are from the SEER 9 areas.

Table V-6
CERVIX UTERI 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 (13 SEER Areas) With Cancer and
Lifetime Risk (Percent) of Dying (Total U.S.) From Cancer

2000-2002

All Races

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.04	0.74
10	0.00	0.04	0.15	0.75
20	0.04	0.15	0.30	0.75
30	0.12	0.26	0.40	0.71
40	0.15	0.28	0.42	0.60
50	0.14	0.28	0.38	0.46
60	0.15	0.26	0.32	0.34

Lifetime Risk of Being Diagnosed = 0.74%
Lifetime Risk of Dying = 0.26%

Whites

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.04	0.71
10	0.00	0.04	0.17	0.72
20	0.04	0.17	0.31	0.72
30	0.13	0.27	0.40	0.68
40	0.15	0.28	0.41	0.56
50	0.13	0.26	0.36	0.42
60	0.14	0.23	0.29	0.30

Lifetime Risk of Being Diagnosed = 0.71%
Lifetime Risk of Dying = 0.23%

Blacks

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.03	0.87
10	0.00	0.03	0.14	0.89
20	0.03	0.13	0.27	0.89
30	0.10	0.24	0.39	0.86
40	0.14	0.29	0.47	0.77
50	0.15	0.34	0.50	0.66
60	0.21	0.38	0.50	0.55

Lifetime Risk of Being Diagnosed = 0.87%
Lifetime Risk of Dying = 0.46%

Devcan Version 6.0, April 2005, National Cancer Institute (http://srab.cancer.gov/devcan/).

Source: Incidence data are from the SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia). Mortality data are from the NCHS public use data file for the total US.

Table V-7
CERVIX UTERI CANCER (Invasive)

SEER INCIDENCE AND U.S. MORTALITY
AGE-ADJUSTED RATES AND TRENDS[a]
By Race/Ethnicity

Incidence[b]

	Rate 1998-2002 Rate per 100,000 persons	Trend 1992-2002 APC (%)
	Females	Females
RACE/ETHNICITY		
All Races	8.9	-2.8[e]
White	8.7	-2.2[e]
White Hispanic[c]	16.5	-3.3[e]
White Non-Hispanic[c]	7.1	-2.6[e]
Black	11.1	-3.8[e]
Asian/Pacific Islander	8.9	-4.9[e]
Amer Ind/Alaska Nat	4.9	-6.9[e]
Hispanic[c]	15.8	-3.3[e]

Mortality[d]

	Rate 1998-2002 Rate per 100,000 persons	Trend 1992-2002 APC (%)
	Females	Females
RACE/ETHNICITY		
All Races	2.8	-3.1[e]
White	2.5	-2.7[e]
White Hispanic[c]	3.6	-3.2[e]
White Non-Hispanic[c]	2.4	-2.6[e]
Black	5.3	-4.9[e]
Asian/Pacific Islander	2.7	-3.3[e]
Amer Ind/Alaska Nat	2.6	-4.7[e]
Hispanic[c]	3.5	-3.0[e]

The APC is the 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.

[a] Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

[b] Incidence data are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

[c] 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 do not include cases from Detroit, Hawaii, Alaska Native Registry and Rural Georgia. For mortality, information is included for all states except Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

[d] Mortality data are analyzed from a public use file provided by the National Center for Health Statistics (NCHS).

[e] The APC is significantly different from zero ($p<.05$).

Table V-8
CERVIX UTERI CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES AND SEER DEATH RATES[a]
By Registry, Race and Age

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
SEER INCIDENCE RATES[b], 1998-2002									
REGISTRY									
13 SEER Areas	8.9	6.7	14.8	8.7	6.9	13.5	11.1	6.8	22.4
11 SEER Areas	9.0	6.7	14.8	8.7	6.9	13.5	11.1	6.9	22.3
9 SEER Areas	8.0	6.1	12.9	7.5	6.1	11.3	11.5	6.9	23.7
San Francisco-Oakland	7.3	5.5	12.2	7.0	5.6	10.9	9.3	7.8	13.3
Connecticut	7.3	5.1	13.0	7.0	5.0	12.3	11.0	6.2	23.7
Metropolitan Detroit	9.3	6.7	16.1	8.1	6.2	13.3	13.2	8.3	26.1
Hawaii	9.4	7.4	14.7	9.4	8.1	12.9	-	-	-
Iowa	8.6	7.6	11.5	8.6	7.5	11.3	-	-	-
New Mexico	8.6	6.7	13.5	8.8	7.0	13.4	-	-	-
Seattle-Puget Sound	6.9	6.0	9.4	6.7	6.1	8.2	8.7	-	-
Utah	6.6	5.7	9.1	6.6	5.7	9.1	-	-	-
Metropolitan Atlanta	9.3	6.0	17.8	7.9	6.1	12.5	12.2	5.7	29.0
San Jose-Monterey	7.9	5.9	13.2	8.2	6.5	12.5	-	-	-
Los Angeles	12.1	8.7	21.2	12.9	9.6	21.4	10.3	6.9	19.3
SEER DEATH RATES[c], 1998-2002									
REGISTRY									
13 SEER Areas	2.4	1.1	6.0	2.3	1.1	5.4	4.2	1.7	10.5
11 SEER Areas	2.5	1.1	6.0	2.3	1.1	5.4	4.2	1.8	10.5
9 SEER Areas	2.1	0.9	5.3	1.9	0.9	4.7	3.7	1.5	9.4
San Francisco-Oakland	1.8	0.8	4.5	1.5	0.7	3.7	3.9	-	-
Connecticut	1.9	0.8	4.7	1.8	0.7	4.5	3.5	-	-
Metropolitan Detroit	2.6	1.2	6.3	2.3	1.0	5.4	4.0	1.8	9.8
Hawaii	2.4	1.1	5.7	-	-	-	-	-	-
Iowa	2.4	1.5	4.9	2.4	1.5	4.9	-	-	-
New Mexico	2.4	1.0	6.1	2.2	0.9	5.6	-	-	-
Seattle-Puget Sound	2.0	0.8	5.2	1.9	0.8	4.6	-	-	-
Utah	1.6	0.8	3.5	1.5	0.8	3.5	-	-	-
Metropolitan Atlanta	2.5	0.8	7.1	2.0	-	5.6	3.7	1.1	10.4
San Jose-Monterey	1.9	0.9	4.6	1.8	0.9	4.1	-	-	-
Los Angeles	3.6	1.6	8.6	3.5	1.7	8.1	5.5	2.6	13.2

[a] Incidence and death 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.
[c] NCHS public use data file for the total US with analyses limited to the SEER geographic areas.

- Statistic could not be calculated or populations are inadequate.

Table V-9
CERVIX UTERI CANCER (Invasive)

AVERAGE ANNUAL AGE-ADJUSTED CANCER DEATH[a] RATES BY STATE, ALL RACES, 1998-2002

All Ages

State	Rate	SE	Rank	PD
TOTAL U.S.	2.8	0.02		
High Five States				
Delaware	4.2[b]	0.44	(01)	50.0
District of Columbia	4.1[b]	0.51	(02)	46.4
West Virginia	3.8[bc]	0.27	(03)	35.7
Mississippi	3.7[bc]	0.22	(04)	32.1
Arkansas	3.7[bc]	0.22	(05)	32.1
Low Five States				
Alaska	1.9[b]	0.40	(47)	-32.1
Massachusetts	1.9[bc]	0.10	(48)	-32.1
Connecticut	1.9[bc]	0.14	(49)	-32.1
Utah	1.6[bc]	0.19	(50)	-42.9
Minnesota	1.5[bc]	0.11	(51)	-46.4

Ages <50

State	Rate	SE	Rank	PD
TOTAL U.S.	1.4	0.02		
High Five States				
Oklahoma	2.1[bc]	0.19	(01)	50.0
West Virginia	2.0[b]	0.25	(02)	42.9
Delaware	1.9[b]	0.37	(03)	35.7
Florida	1.9[bc]	0.08	(04)	35.7
Tennessee	1.9[bc]	0.13	(05)	35.7
Low Five States				
Massachusetts	0.8[bc]	0.08	(47)	-42.9
Utah	0.8[bc]	0.15	(48)	-42.9
Vermont	0.8[b]	0.27	(49)	-42.9
Connecticut	0.8[bc]	0.11	(50)	-42.9
Minnesota	0.7[bc]	0.09	(51)	-50.0

Ages 50+

State	Rate	SE	Rank	PD
TOTAL U.S.	6.3	0.05		
High Five States				
District of Columbia	10.2[b]	1.50	(01)	61.9
Delaware	10.1[b]	1.28	(02)	60.3
Mississippi	9.2[bc]	0.65	(03)	46.0
West Virginia	8.5[b]	0.72	(04)	34.9
Arkansas	8.4[b]	0.62	(05)	33.3
Low Five States				
South Dakota	4.5[b]	0.88	(47)	-28.6
Wisconsin	4.5[bc]	0.33	(48)	-28.6
Alaska	4.3[b]	1.26	(49)	-31.7
Minnesota	3.7[bc]	0.32	(50)	-41.3
Utah	3.5[bc]	0.54	(51)	-44.4

For additional detailed cancer statistics by state, please visit the State Cancer Profiles website. http://statecancerprofiles.cancer.gov/

[a] NCHS public use data file. Rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
[b] Absolute percent difference between state rate and total U.S. rate is 15% or more.
[c] Difference between state rate and total U.S. rate is statistically significant (p<=.0002).
SE Standard error of the rate.
PD Percent difference between state rate and total U.S. rate.

Table V-10
CERVIX UTERI CANCER (Invasive)

Estimated United States Cancer Prevalence Counts[a] on January 1, 2002
By Race/Ethnicity and Years Since Diagnosis

Years Since Diagnosis	0 to <5	5 to <10	10 to <15	15 to <20	20 to <25	0 to <12[e]	0 to <27[e]	>=27[g]	Complete[h]
Race									
All Races[b]	44,613	39,155	34,583	26,978	24,062	98,268	179,134	44,307[i]	223,441
White[b]	34,944	31,782	28,654	22,132	19,696	78,681	145,291	31,811[i]	177,102
Black[b]	6,795	4,686	4,128	3,623	3,363	13,289	23,999	+	+
Asian/Pacific Islander[c]	1,988	1,700	+	+	+	4,174	+	+	+
Hispanic[d]	7,695	6,102	+	+	+	16,006	+	+	+

Estimated prevalence percent[a] on January 1, 2002, of the SEER 11 population diagnosed in the previous 10 years
By Age at Prevalence and Race/Ethnicity

		Age Specific (Crude)									Age-Adjusted[f]
Age at Prevalence	All Ages	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80+	All Ages
Race											
All Races[c]	0.0619%	-	0.0002%	0.0115%	0.0768%	0.1255%	0.1206%	0.1107%	0.0936%	0.0607%	0.0616%
White[c]	0.0620%	-	-	0.0127%	0.0852%	0.1304%	0.1153%	0.0985%	0.0792%	0.0472%	0.0611%
Black[c]	0.0577%	-	-	0.0100%	0.0631%	0.1093%	0.1220%	0.1485%	0.1337%	0.1510%	0.0653%
Asian/Pacific Islander[c]	0.0626%	-	-	0.0043%	0.0358%	0.1005%	0.1487%	0.1525%	0.1651%	0.1178%	0.0628%
Hispanic[d]	0.0759%	-	-	0.0119%	0.0882%	0.2152%	0.2253%	0.2178%	0.2271%	0.1216%	0.1071%

[a] US 2002 cancer prevalence counts are based on 2002 cancer prevalence proportions from the SEER registries and 1/1/2002 US population estimates based on the average of 2001 and 2002 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.
[b c d] Statistics based on b) SEER 9 Areas c) SEER 11 Areas and Rural Georgia d) SEER 11 Areas excluding Hawaii and Detroit.
[e] Maximum limited-duration prevalence: 27 years for 1975-2002 SEER 9 data; 12 years for 1990-2002 SEER 11 data (used to calculate prevalence for Hispanics and Asian Pacific Islanders).
[f] Percentages are age-adjusted to the 2000 US standard population by 5-year age groups.
[g h i] (g) Cases diagnosed more than 27 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 <27 and >=27. (i)Age-specific completeness index was approximated using empirical data from historical Connecticut tumor registry.
- Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.
+ Not available.

SEER Incidence, Delay Adjusted Incidence and US Death Rates+ Cervix Uteri Cancer, by Race

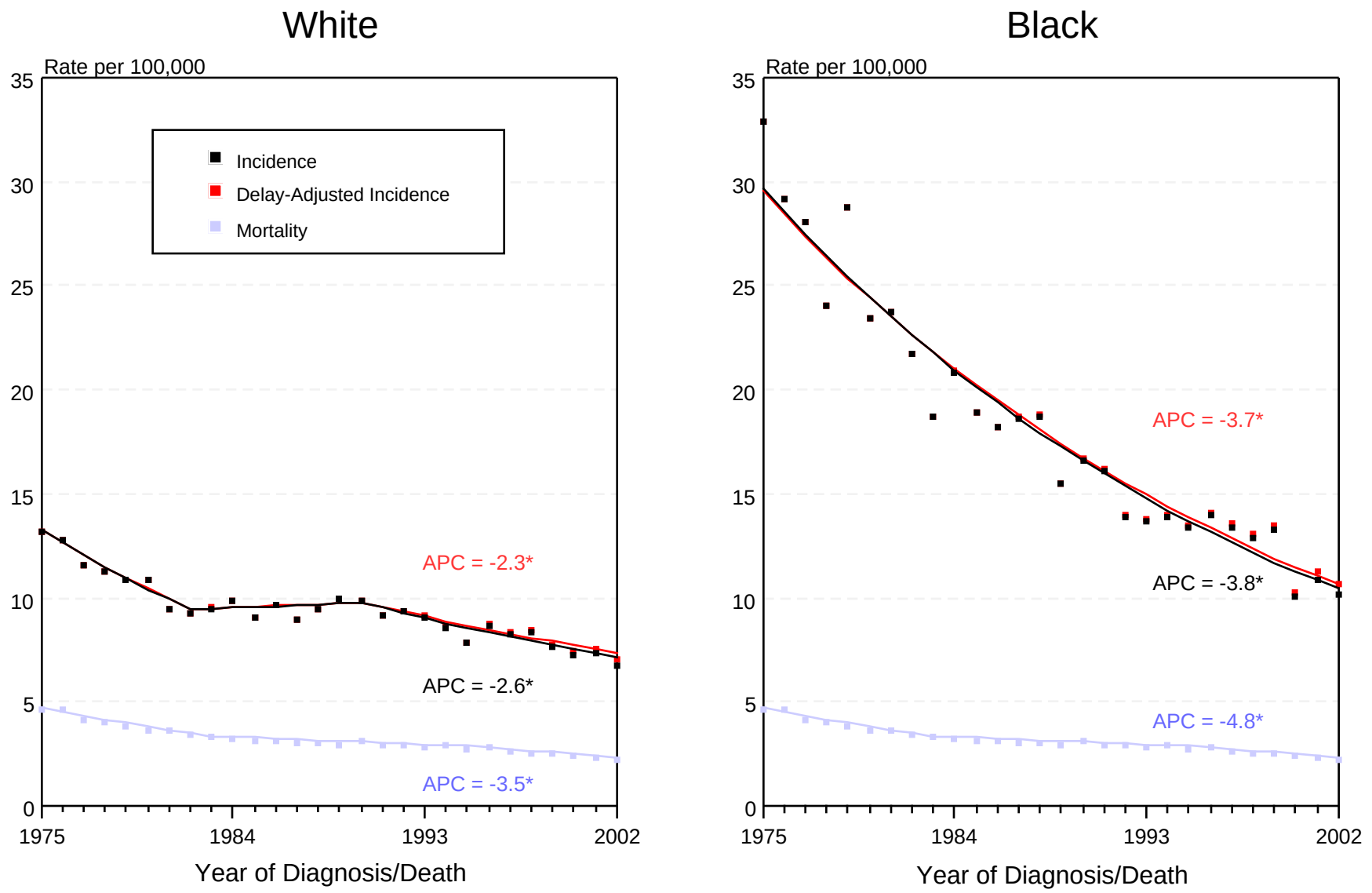
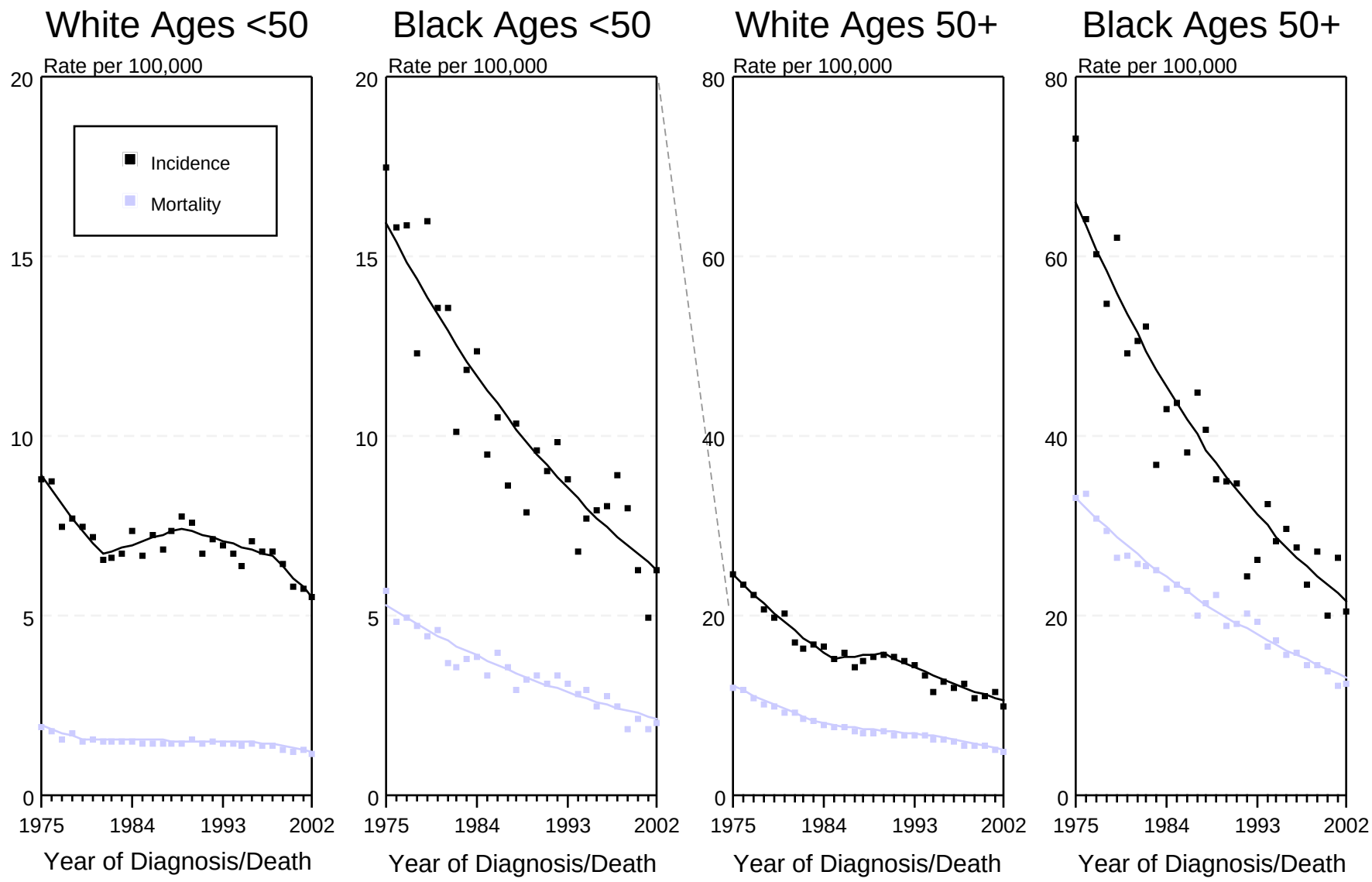


Figure V-1

+ Source: SEER 9 areas and NCHS public use data file for the total US. 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 3.0, April 2005, 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.

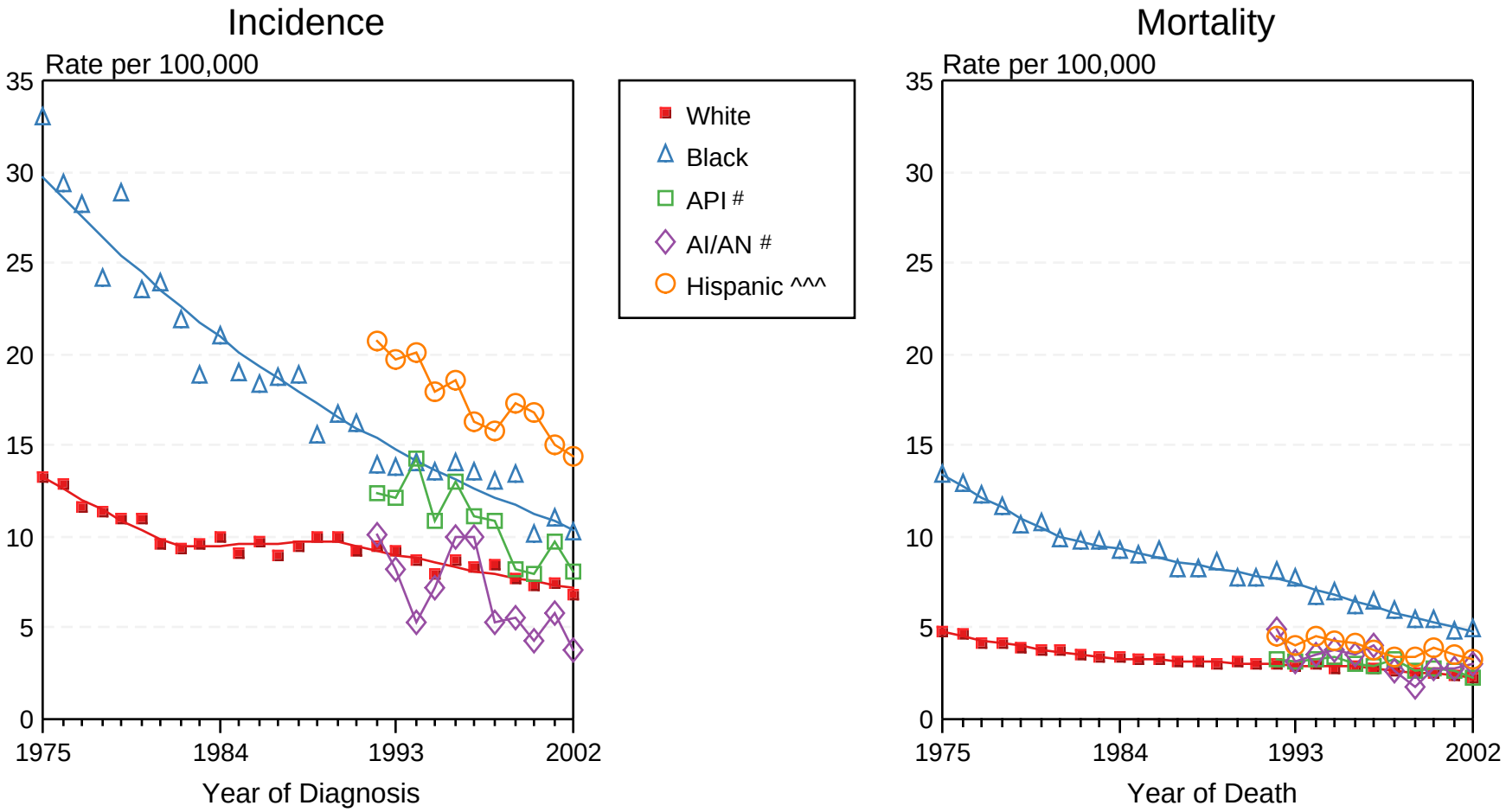
* The APC is significantly different from zero ($p < 0.05$).

SEER Incidence and US Death Rates+
Cervix Uteri Cancer, by Age and Race



+ Source: SEER 9 areas and NCHS public use data file for the total US. 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 3.0, April 2005, National Cancer Institute.

SEER Incidence and US Death Rates+
Cervix Uteri Cancer
Joinpoint Analyses for 1975-2002 for Whites and Blacks
Rates for 1992-2002 for Asian/Pacific Islander, American Indian/Alaska Native and Hispanic



+ Source: Incidence data for whites and blacks is from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indian/Alaska Natives and Hispanics is from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data is from NCHS public use data file for the total US.
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines for whites and blacks are calculated using the Joinpoint Regression Program Version 3.0, April 2005, National Cancer Institute.

API = Asian/Pacific Islander. AI/AN = American Indian/Alaska Native.

^^^ Hispanic is not mutually exclusive from Whites, Blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics excludes cases from Detroit, Hawaii, Alaska Native Registry and Rural Georgia. Mortality data for Hispanics excludes cases from Connecticut, Maine, Maryland, Minnesota, Oklahoma, New Hampshire, New York, North Dakota, and Vermont.