

Table V-1  
CERVIX UTERI CANCER (Invasive)

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

	<u>All Races, Females</u>			<u>White Females</u>			<u>Black Females</u>		
	<u>All</u>	<u>&lt;50</u>	<u>50+</u>	<u>All</u>	<u>&lt;50</u>	<u>50+</u>	<u>All</u>	<u>&lt;50</u>	<u>50+</u>
<u>INCIDENCE TRENDS (expressed in percents)§:</u>									
<u>1973-93</u>									
All Ages									
Percent Change (PC)	-38.8	-31.7	-44.7	-37.3	-27.1	-45.7	-59.2	-54.5	-62.5
Est. Annual PC (EAPC)	-2.3★	-1.6★	-2.9★	-2.2★	-1.2★	-3.1★	-4.4★	-4.2★	-4.5★
Under 65									
Percent Change (PC)	-35.9	-	-	-33.6	-	-	-56.5	-	-
Est. Annual PC (EAPC)	-2.0★	-	-	-1.8★	-	-	-4.1★	-	-
65 and over									
Percent Change (PC)	-48.5	-	-	-49.6	-	-	-65.1	-	-
Est. Annual PC (EAPC)	-3.4★	-	-	-3.5★	-	-	-5.0★	-	-
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	-13.4	-11.4	-15.0	-15.1	-13.8	-16.1	-17.3	-15.9	-18.0
Est. Annual PC (EAPC)	-4.3★	-3.4	-5.1★	-5.0★	-4.4	-5.6★	-5.4	-4.6	-5.9
<u>1989-93 - ALL AGES</u>									
Percent Change (PC)	-7.2	-7.0	-7.5	-6.9	-8.5	-5.2	-17.2	2.8	-28.8
Est. Annual PC (EAPC)	-2.3★	-2.1	-2.5★◆	-2.3◆	-2.7	-1.8◆	-5.1	1.6	-9.3
<u>MORTALITY TRENDS (expressed in percents)δ:</u>									
<u>1973-93</u>									
All Ages									
Percent Change (PC)	-43.7	-35.1	-47.2	-43.6	-29.9	-48.8	-47.3	-49.6	-46.3
Est. Annual PC (EAPC)	-2.9★	-2.0★	-3.3★	-2.9★	-1.5★	-3.5★	-3.3★	-3.4★	-3.3★
Under 65									
Percent Change (PC)	-42.0	-	-	-40.6	-	-	-49.7	-	-
Est. Annual PC (EAPC)	-2.6★	-	-	-2.5★	-	-	-3.5★	-	-
65 and over									
Percent Change (PC)	-47.0	-	-	-49.0	-	-	-42.7	-	-
Est. Annual PC (EAPC)	-3.4★	-	-	-3.6★	-	-	-3.0★	-	-
<u>1975-79 - ALL AGES</u>									
Percent Change (PC)	-14.1	-11.8	-15.0	-13.9	-11.9	-14.7	-15.3	-12.8	-16.2
Est. Annual PC (EAPC)	-4.8★	-4.6	-4.9★	-4.7★	-4.6	-4.8★	-5.4★	-5.0★	-5.6★
<u>1989-93 - ALL AGES</u>									
Percent Change (PC)	-4.0	-1.7	-5.1	-4.1	-1.7	-5.3	-3.5	-1.5	-4.3
Est. Annual PC (EAPC)	-1.2◆	-0.4◇	-1.6★◆	-1.1◆	-0.4◇	-1.4◆	-1.8◆	-0.6◇	-2.2

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

§ SEER Program.

δ NCHS public use tape.

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

◆ The EAPC for 1989-93 is significantly different from the EAPC for 1975-79 (p<.05).

◇ The EAPC for 1989-93 is significantly different from the EAPC for 1975-79 (p<.10).

- Statistic could not be calculated.

Table V-2  
CERVIX UTERI CANCER (Invasive)

SEER INCIDENCES AND U.S. MORTALITY<sup>δ</sup> RATES, AGE-ADJUSTED AND AGE-SPECIFIC RATES, BY RACE

	Incidences <sup>§</sup>			US Mortality <sup>δ</sup>		
	All Races, Females	White Females	Black Females	All Races, Females	White Females	Black Females
<u>AGE-SPECIFIC RATES, 1989-93</u>						
AGE AT DIAGNOSIS/DEATH:						
0-4	0.0	0.0	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	0.3	0.2	0.6	0.0	0.0	0.0
20-24	2.5	2.4	2.7	0.2	0.2	0.3
25-29	8.2	8.6	6.4	0.8	0.7	1.2
30-34	12.0	12.2	11.2	2.0	1.9	3.3
35-39	15.7	15.2	17.1	3.3	3.0	5.6
40-44	16.4	15.1	23.4	4.5	3.9	8.7
45-49	16.9	15.8	23.6	5.6	4.8	12.0
50-54	17.9	16.2	25.2	6.6	5.5	14.4
55-59	16.2	14.1	27.7	7.1	6.1	15.2
60-64	18.7	16.7	31.6	7.5	6.1	19.1
65-69	18.8	16.1	35.8	8.1	6.7	21.2
70-74	14.6	13.2	22.7	9.0	7.8	21.7
75-79	16.7	14.7	40.0	9.8	8.3	25.5
80-84	18.3	16.0	48.1	11.8	10.1	33.2
85+	16.5	14.2	43.9	13.6	11.9	33.8
<u>AGE-ADJUSTED RATES, 1989-93</u>						
AGE AT DIAGNOSIS/DEATH:						
All ages	8.5	7.9	12.6	2.9	2.5	6.6
Under 65	7.6	7.1	10.1	2.2	1.9	4.6
65 and over	17.0	14.9	35.0	9.5	8.1	24.5
All ages (world std.) <sup>⊕</sup>	8.0	7.5	11.3	2.6	2.2	5.7

§ SEER Program. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, except where noted.

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

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

Table V-3  
CERVIX UTERI CANCER (Invasive)

SEER INCIDENCE§ AND U.S. MORTALITYδ RATES, AGE-ADJUSTED RATES, BY RACE AND AGE

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>SEER INCIDENCE RATES</u>									
YEAR OF DIAGNOSIS:									
1973	14.2	8.7	31.2	12.8	7.6	28.9	29.7	17.7	66.8
1974	12.7	7.6	28.6	11.6	7.0	25.8	25.2	12.0	65.7
1975	12.4	7.3	28.2	11.1	6.7	24.6	27.9	13.3	73.2
1976	11.9	7.2	26.6	10.8	6.6	23.6	24.6	12.0	63.6
1977	10.9	6.4	24.7	9.7	5.7	22.2	23.0	12.4	55.4
1978	10.5	6.3	23.5	9.4	5.7	20.7	19.9	9.3	52.8
1979	10.6	6.6	23.1	9.2	5.7	19.7	23.5	12.0	59.3
1980	10.2	6.1	22.7	9.1	5.5	20.3	19.0	10.0	46.8
1981	9.0	5.5	19.7	8.0	5.0	17.3	19.0	10.1	46.5
1982	8.9	5.4	19.7	7.9	5.1	16.4	17.8	7.6	49.4
1983	8.8	5.6	18.6	8.1	5.2	16.9	15.2	8.9	34.5
1984	9.2	6.1	18.7	8.3	5.7	16.4	17.3	9.6	41.0
1985	8.5	5.3	18.4	7.6	5.1	15.3	15.9	6.8	43.8
1986	9.0	5.9	18.5	8.0	5.4	15.8	15.2	7.9	37.7
1987	8.3	5.4	17.3	7.4	5.2	14.4	15.2	6.6	41.7
1988	8.8	6.0	17.6	7.9	5.6	15.1	15.4	8.0	38.2
1989	8.9	5.9	18.0	8.2	5.8	15.5	13.2	5.9	35.7
1990	8.9	6.0	17.7	8.3	5.8	15.9	13.8	7.2	34.3
1991	8.4	5.3	18.0	7.6	5.1	15.5	13.4	6.6	34.2
1992	8.3	5.6	16.7	7.8	5.4	15.3	11.0	7.0	23.1
1993	8.2	5.5	16.4	7.5	5.3	14.4	11.4	6.5	26.6
1989-93	8.5	5.7	17.3	7.9	5.5	15.3	12.6	6.7	30.8
<u>U.S. MORTALITY RATES</u>									
YEAR OF DEATH:									
1973	5.2	2.0	15.0	4.4	1.6	12.9	13.1	5.0	37.9
1974	5.0	1.9	14.6	4.3	1.6	12.9	11.7	4.6	33.6
1975	4.6	1.8	13.4	3.9	1.4	11.6	11.1	4.2	32.1
1976	4.5	1.6	13.4	3.9	1.4	11.5	10.7	3.6	32.4
1977	4.1	1.5	12.3	3.5	1.2	10.6	10.1	3.7	30.0
1978	4.0	1.6	11.6	3.4	1.3	10.0	9.6	3.5	28.3
1979	3.8	1.4	11.2	3.3	1.2	9.8	8.8	3.3	25.8
1980	3.7	1.5	10.6	3.1	1.2	9.1	8.9	3.4	25.8
1981	3.6	1.4	10.5	3.1	1.2	9.0	8.2	2.7	24.9
1982	3.4	1.3	9.8	2.9	1.1	8.3	8.1	2.7	24.6
1983	3.3	1.3	9.6	2.8	1.1	8.1	8.1	2.9	24.3
1984	3.3	1.3	9.2	2.8	1.1	7.8	7.6	2.9	22.1
1985	3.1	1.3	8.9	2.7	1.1	7.6	7.3	2.5	22.3
1986	3.2	1.3	8.9	2.7	1.1	7.5	7.7	3.0	22.2
1987	3.0	1.3	8.3	2.6	1.1	7.1	6.8	2.7	19.6
1988	3.0	1.3	8.3	2.6	1.1	7.0	6.7	2.2	20.6
1989	3.0	1.3	8.2	2.5	1.1	6.8	7.1	2.4	21.5
1990	3.0	1.3	8.3	2.6	1.2	7.1	6.4	2.5	18.5
1991	2.9	1.3	8.0	2.5	1.1	6.7	6.4	2.3	18.8
1992	2.9	1.3	7.9	2.5	1.1	6.6	6.7	2.5	19.7
1993	2.8	1.2	7.7	2.4	1.1	6.6	6.3	2.3	18.7
1989-93	2.9	1.3	8.0	2.5	1.1	6.8	6.6	2.4	19.4

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

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

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+
<b>5-YR RELATIVE SURVIVAL RATES</b>									
YEAR OF DIAGNOSIS:									
1960-63 <sup>a</sup>	-	-	-	58	-	-	47	-	-
1970-73 <sup>a</sup>	-	-	-	64	-	-	61	-	-
1974-76 <sup>b</sup>	68.6	81.1	57.7	69.4	82.1	58.2	63.5	75.0	53.6
1977-79 <sup>b</sup>	67.9	77.6	59.3	69.1	79.4	60.2	62.0	71.1	53.1
1980-82 <sup>b</sup>	67.0	78.9	55.8	67.7	80.3	55.6	60.8	71.6	51.0
1983-85 <sup>b</sup>	68.5	78.2	57.8	70.3	80.2	58.8	59.7	68.9	50.1
1986-92 <sup>b</sup>	68.7	77.7 $\Omega$	57.3	71.4	80.3	59.0	56.4 $\Omega$	63.6 $\Omega$	49.7
1986-92 <sup>b</sup>									
ALL STAGES	68.7	77.7	57.3	71.4	80.3	59.0	56.4	63.6	49.7
LOCALIZED	91.3	93.1	87.3	91.9	93.7	87.8	87.9	90.1	84.9
REGIONAL	49.9	52.6	48.1	51.9	55.8	49.0	41.0	40.3	42.5
DISTANT	8.7	7.4	9.3	8.9	8.9	8.8	8.2	5.4	9.9
UNSTAGED	62.0	77.9	50.4	62.9	80.0	50.6	63.5 $\uparrow$	75.1 $\uparrow$	53.3 $\uparrow$

STAGE DISTRIBUTION (%) 1986-92<sup>b</sup>

ALL STAGES									
Number of cases	7,422	4,052	3,370	5,826	3,274	2,552	1,114	545	569
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	51	65	35	54	68	37	39	48	29
REGIONAL	33	25	43	31	23	42	41	37	44
DISTANT	8	5	12	8	4	12	12	7	18
UNSTAGED	7	5	9	7	5	9	8	8	9

5-YR RELATIVE SURVIVAL RATES, 1986-92<sup>b</sup>

AGE AT DIAGNOSIS:									
<45	79.8	-	-	82.3	-	-	66.0	-	-
45-54	67.2	-	-	69.3	-	-	55.6	-	-
55-64	62.6	-	-	65.6	-	-	48.5	-	-
65-74	56.1	-	-	55.6	-	-	56.3 $\uparrow$	-	-
75+	39.2	-	-	41.4	-	-	34.6 $\uparrow$	-	-
Under 65	73.5	-	-	76.4	-	-	59.0	-	-
65 and over	49.9	-	-	50.5	-	-	48.5	-	-

<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 1993.

$\Omega$  The difference in rates between 1974-76 and 1986-92 is statistically significant ( $p < .05$ ).

$\uparrow$  The standard error of the survival rate is between 5 and 10 percentage points.

$\uparrow$  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)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Females

Year of Diagnosis/Death

	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993
Incidence																					
SEER	14.2	12.7	12.4	11.9	10.9	10.5	10.6	10.2	9.0	8.9	8.8	9.2	8.5	9.0	8.3	8.8	8.9	8.9	8.4	8.3	8.2
Mortality																					
U.S.	5.2	5.0	4.6	4.5	4.1	4.0	3.8	3.7	3.6	3.4	3.3	3.3	3.1	3.2	3.0	3.0	3.0	3.0	2.9	2.9	2.8
SEER	4.4	4.6	3.8	4.1	3.5	3.6	3.2	2.9	3.1	2.9	2.8	2.7	2.7	2.6	2.4	2.5	2.7	2.3	2.4	2.3	2.2
Relative Survival Rates (SEER)																					
1-year	84.5	86.7	86.3	88.2	87.1	86.0	87.0	86.5	86.3	87.1	89.0	88.2	86.8	85.6	87.4	87.1	88.8	87.9	88.5	86.7	
2-year	75.4	76.2	78.1	78.5	78.1	77.2	77.4	76.9	76.9	75.1	78.5	78.5	75.9	76.2	77.8	78.5	80.7	79.3	78.7		
3-year	69.8	71.4	73.4	74.0	73.2	72.9	71.6	72.9	73.0	69.3	73.9	73.8	71.1	71.2	72.3	75.0	75.6	74.6			
4-year	66.5	68.8	70.6	71.5	71.5	69.4	68.5	70.0	69.7	67.0	70.9	70.8	68.6	68.0	69.5	73.2	72.4				
5-year	65.1	67.6	68.6	69.5	69.3	67.9	66.6	68.2	67.2	65.6	69.8	69.0	66.7	65.7	67.3	72.1					
6-year	63.3	65.4	67.7	68.7	68.8	66.6	65.2	66.9	66.1	63.5	67.6	66.7	65.7	65.1	66.5						
7-year	62.6	64.9	67.1	67.8	67.8	65.1	64.4	64.8	63.5	62.9	66.3	65.3	64.3	63.5							
8-year	61.6	63.5	66.0	67.3	67.6	64.0	63.6	64.0	62.0	62.4	64.8	63.9	63.0								
9-year	61.1	63.0	66.0	66.3	66.6	63.2	63.4	63.0	61.9	62.1	64.8	62.5									
10-year	61.1	61.7	64.6	65.5	66.0	63.1	61.9	61.7	61.7	62.0	64.4										
11-year	60.0	61.4	63.9	64.9	65.3	62.7	61.9	61.5	61.7	61.9											
12-year	59.4	61.4	63.8	63.8	64.7	62.5	61.9	60.8	61.3												
13-year	59.4	61.3	62.6	63.4	64.7	61.8	61.9	60.8													
14-year	58.8	60.9	62.4	62.6	64.6	60.6	61.9														
15-year	58.8	60.5	62.2	62.3	64.3	59.8															
16-year	58.7	60.0	60.8	62.3	63.8																
17-year	57.9	59.1	60.1	62.0																	
18-year	57.1	58.3	59.6																		
19-year	56.7	57.4																			
20-year	56.5																				

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 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 With Cancer and  
 Lifetime Risk (Percent) of Dying From Cancer

SEER Areas, 1991-93

All Races

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.05	0.85
10	0.00	0.05	0.18	0.86
20	0.05	0.18	0.34	0.86
30	0.13	0.29	0.45	0.81
40	0.16	0.32	0.48	0.69
50	0.16	0.33	0.44	0.54
60	0.17	0.29	0.38	0.40

Lifetime Risk of Being Diagnosed = 0.85%  
 Lifetime Risk of Dying = 0.27%

Whites

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.05	0.78
10	0.00	0.05	0.18	0.79
20	0.05	0.18	0.33	0.79
30	0.13	0.28	0.42	0.74
40	0.15	0.29	0.43	0.62
50	0.15	0.29	0.39	0.48
60	0.15	0.26	0.33	0.35

Lifetime Risk of Being Diagnosed = 0.78%  
 Lifetime Risk of Dying = 0.24%

Blacks

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.04	1.19
10	0.00	0.04	0.16	1.22
20	0.05	0.16	0.41	1.22
30	0.12	0.37	0.58	1.19
40	0.26	0.47	0.71	1.10
50	0.23	0.47	0.64	0.88
60	0.27	0.45	0.63	0.72

Lifetime Risk of Being Diagnosed = 1.19%  
 Lifetime Risk of Dying = 0.50%

Table V-7  
CERVIX UTERI CANCER (Invasive)AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY<sup>δ</sup> RATES BY STATE, 1989-93

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	2.9	0.02							
High Five States									
District of Columbia	4.4 <sup>⊕</sup>	0.49	(01)	51.7					
South Carolina	4.0 <sup>⊕</sup>	0.20	(02)	37.9					
Kentucky	3.9 <sup>⊕</sup>	0.19	(03)	34.5					
Alabama	3.8 <sup>⊕</sup>	0.18	(04)	31.0					
Delaware	3.8 <sup>⊕</sup>	0.44	(05)	31.0					
Low Five States									
Connecticut	2.0 <sup>⊕</sup>	0.14	(47)	-31.0					
Hawaii	1.9 <sup>⊕</sup>	0.24	(48)	-34.5					
North Dakota	1.8 <sup>⊕</sup>	0.31	(49)	-37.9					
Idaho	1.6 <sup>⊕</sup>	0.23	(50)	-44.8					
Minnesota	1.5 <sup>⊕</sup>	0.11	(51)	-48.3					
Alabama	3.8 <sup>⊕</sup>	0.18	(04)	31.0	Montana	2.7	0.33	(32)	-6.9
Alaska	2.4 <sup>⊕</sup>	0.48	(37)	-17.2	Nebraska	2.1 <sup>⊕</sup>	0.22	(45)	-27.6
Arizona	2.3 <sup>⊕</sup>	0.15	(39)	-20.7	Nevada	3.0	0.29	(22)	3.4
Arkansas	3.3	0.21	(13)	13.8	New Hampshire	3.7 <sup>⊕</sup>	0.35	(06)	27.6
California	2.8	0.06	(29)	-3.4	New Jersey	3.0	0.11	(20)	3.4
Colorado	2.2 <sup>⊕</sup>	0.15	(42)	-24.1	New Mexico	2.7	0.25	(33)	-6.9
Connecticut	2.0 <sup>⊕</sup>	0.14	(47)	-31.0	New York	3.1	0.08	(18)	6.9
Delaware	3.8 <sup>⊕</sup>	0.44	(05)	31.0	North Carolina	3.1	0.12	(16)	6.9
District of Columbia	4.4 <sup>⊕</sup>	0.49	(01)	51.7	North Dakota	1.8 <sup>⊕</sup>	0.31	(49)	-37.9
Florida	3.3	0.09	(11)	13.8	Ohio	2.9	0.09	(25)	0.0
Georgia	2.9	0.13	(24)	0.0	Oklahoma	3.2	0.18	(14)	10.3
Hawaii	1.9 <sup>⊕</sup>	0.24	(48)	-34.5	Oregon	2.3 <sup>⊕</sup>	0.17	(38)	-20.7
Idaho	1.6 <sup>⊕</sup>	0.23	(50)	-44.8	Pennsylvania	3.0	0.09	(23)	3.4
Illinois	3.2	0.10	(15)	10.3	Rhode Island	2.5	0.30	(34)	-13.8
Indiana	3.1	0.14	(17)	6.9	South Carolina	4.0 <sup>⊕</sup>	0.20	(02)	37.9
Iowa	2.5	0.17	(35)	-13.8	South Dakota	2.3 <sup>⊕</sup>	0.36	(41)	-20.7
Kansas	2.8	0.20	(26)	-3.4	Tennessee	3.3	0.15	(10)	13.8
Kentucky	3.9 <sup>⊕</sup>	0.19	(03)	34.5	Texas	3.3	0.09	(12)	13.8
Louisiana	3.4 <sup>⊕</sup>	0.17	(09)	17.2	Utah	2.1 <sup>⊕</sup>	0.24	(44)	-27.6
Maine	2.7	0.27	(31)	-6.9	Vermont	2.7	0.43	(30)	-6.9
Maryland	2.8	0.14	(27)	-3.4	Virginia	3.0	0.13	(21)	3.4
Massachusetts	2.3 <sup>⊕</sup>	0.11	(40)	-20.7	Washington	2.1 <sup>⊕</sup>	0.12	(43)	-27.6
Michigan	2.8	0.10	(28)	-3.4	West Virginia	3.6 <sup>⊕</sup>	0.25	(07)	24.1
Minnesota	1.5 <sup>⊕</sup>	0.11	(51)	-48.3	Wisconsin	2.4 <sup>⊕</sup>	0.13	(36)	-17.2
Mississippi	3.5 <sup>⊕</sup>	0.21	(08)	20.7	Wyoming	2.1 <sup>⊕</sup>	0.41	(46)	-27.6
Missouri	3.1	0.14	(19)	6.9					

<sup>δ</sup> 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.

<sup>⊕</sup> Absolute difference between state rate and total U.S. rate is 15% or more.<sup>⊕</sup> Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

Table V-8  
CERVIX UTERI CANCER (Invasive)AGE-ADJUSTED SEER INCIDENCE RATES<sup>§</sup>, SEER MORTALITY RATES<sup>δ</sup>, AND 5-YEAR RELATIVE SURVIVAL RATES<sup>⊙</sup>  
By Registry, Race and Age

	All Races, Females			White Females			Black Females		
	All	<50	50+	All	<50	50+	All	<50	50+
<u>SEER INCIDENCE RATES<sup>§</sup>, 1989-93</u>									
REGISTRY									
Standard 9 registries	8.5	5.7	17.3	7.9	5.5	15.3	12.6	6.7	30.8
San Francisco-Oakland	8.5	5.1	19.0	7.8	5.0	16.5	10.8	6.6	24.0
Connecticut	7.5	5.4	14.3	7.0	5.3	12.4	14.5	5.8	41.3
Metropolitan Detroit	9.6	6.2	20.4	8.4	5.7	17.0	13.4	7.4	31.9
Hawaii	8.9	6.3	17.1	10.1	6.5	21.2	-	-	-
Iowa	8.5	6.3	15.2	8.3	6.1	15.0	-	-	-
New Mexico	9.6	6.2	20.0	9.7	6.6	19.3	-	-	-
Seattle-Puget Sound	7.6	5.2	15.0	7.0	4.8	13.5	8.5	6.4	14.9
Utah	8.4	5.8	16.2	8.2	5.8	15.4	-	-	-
Metropolitan Atlanta	9.1	5.6	20.0	7.8	5.2	15.7	12.9	6.2	33.5
San Jose-Monterey	9.1	5.5	20.1	8.4	5.6	16.9	11.1	5.4	28.7
Los Angeles	11.8	7.4	25.3	11.7	7.9	23.3	12.6	7.0	29.9
<u>SEER MORTALITY RATES<sup>δ</sup>, 1989-93</u>									
REGISTRY									
Standard 9 registries	2.4	1.0	6.5	2.1	0.9	5.6	5.0	1.9	14.4
San Francisco-Oakland	2.4	1.0	6.4	2.1	1.0	5.2	4.1	1.9	11.0
Connecticut	2.0	0.9	5.6	1.8	0.8	5.0	5.1	1.3	16.8
Metropolitan Detroit	3.0	1.3	8.0	2.2	1.0	6.2	5.5	2.5	15.0
Hawaii	1.9	1.1	4.0	2.8	1.4	6.9	-	-	-
Iowa	2.5	1.1	6.6	2.4	1.1	6.4	-	-	-
New Mexico	2.7	1.0	7.9	2.4	0.9	6.8	-	-	-
Seattle-Puget Sound	2.1	1.0	5.5	1.9	0.9	4.9	4.8	2.2	12.7
Utah	2.1	0.8	6.0	2.1	0.9	5.7	-	-	-
Metropolitan Atlanta	2.5	0.8	7.6	1.7	0.6	5.0	5.1	1.4	16.4
San Jose-Monterey	2.5	1.0	7.2	2.3	1.0	6.4	3.8	0.3	14.5
Los Angeles	3.3	1.5	8.9	3.2	1.5	8.3	5.2	2.2	14.4
<u>SURVIVAL RATES<sup>⊙</sup>, 1986-92</u>									
REGISTRY									
Standard 9 registries	68.7	77.7	57.3	71.4	80.3	59.0	56.4	63.6	49.7
San Francisco-Oakland	69.6	76.5	61.5	71.8	78.7	62.7	60.0	66.4 <sup>↑</sup>	50.6 <sup>↑</sup>
Connecticut	66.1	74.8	55.8	68.1	77.5	56.1	51.9 <sup>↑</sup>	45.8 <sup>↑</sup>	53.0 <sup>↑</sup>
Metropolitan Detroit	63.3	73.1	53.1	67.7	78.1	55.8	53.8	60.8	48.3
Hawaii	66.8	76.2	54.0 <sup>↑</sup>	59.6 <sup>↑</sup>	70.2 <sup>↑</sup>	40.7 <sup>↑</sup>	-	-	-
Iowa	73.1	80.5	63.8	73.2	80.5	64.0	-	-	-
New Mexico	66.9	76.1	54.7	69.9	78.5	57.8	-	-	-
Seattle-Puget Sound	75.6	83.4	61.9	76.5	85.2	61.0	65.3 <sup>↑</sup>	-	-
Utah	74.3	85.1	55.7 <sup>↑</sup>	74.9	85.5	56.5 <sup>↑</sup>	-	-	-
Metropolitan Atlanta	67.1	78.0	51.2	74.3	83.7	57.7 <sup>↑</sup>	56.7	68.2	43.7 <sup>↑</sup>

Note: San Jose-Monterey and Los Angeles are new SEER areas as of 1992 and their data are only used in this table and not other tables in this section.

§ SEER Program. Incidence rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population.

δ NCHS public use tape. 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 and are based on follow-up of patients through 1993.

↑ 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 or populations are inadequate.



# SEER Incidence and U.S. Mortality Cervix Uteri, Under 50 Years of Age By Race

## White

## Black

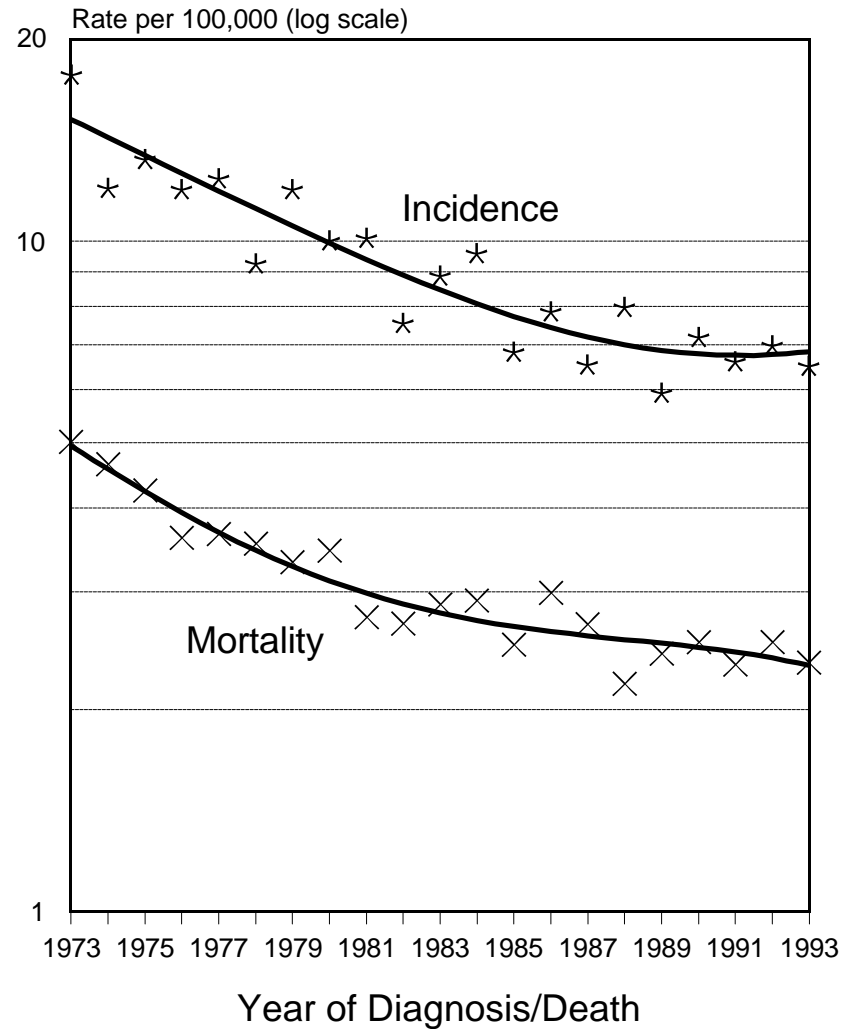
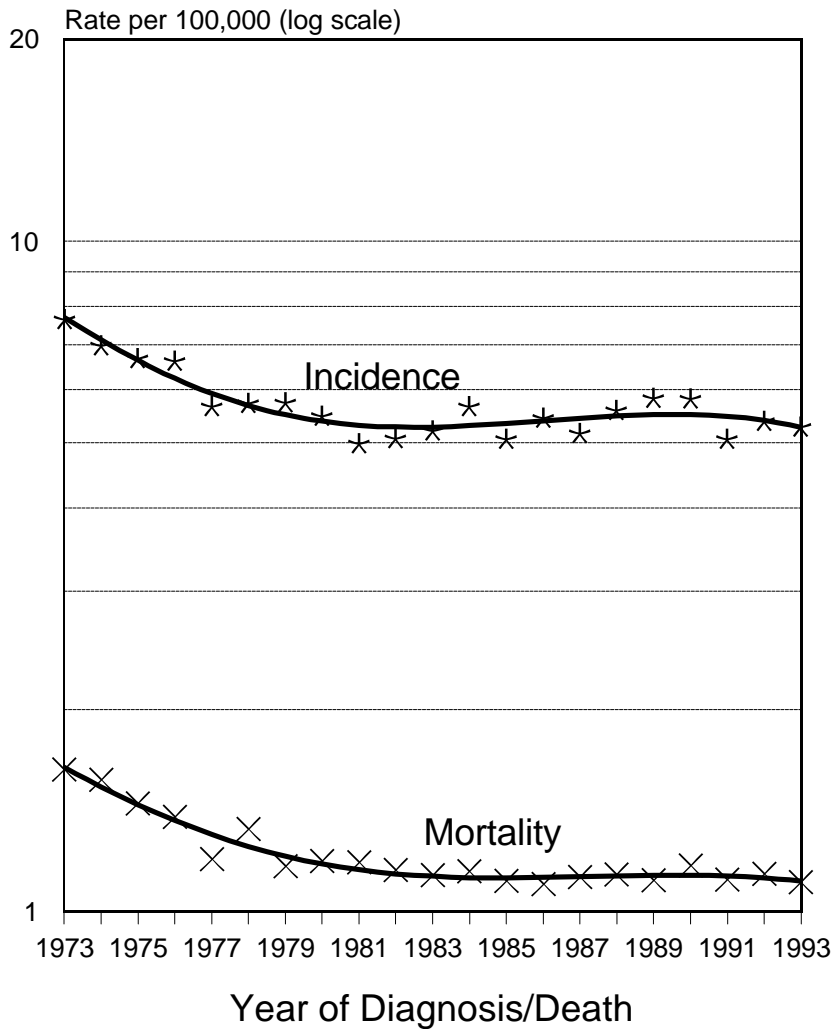


Figure V-1

# SEER Incidence and U.S. Mortality Cervix Uteri, Ages 50 and Over By Race

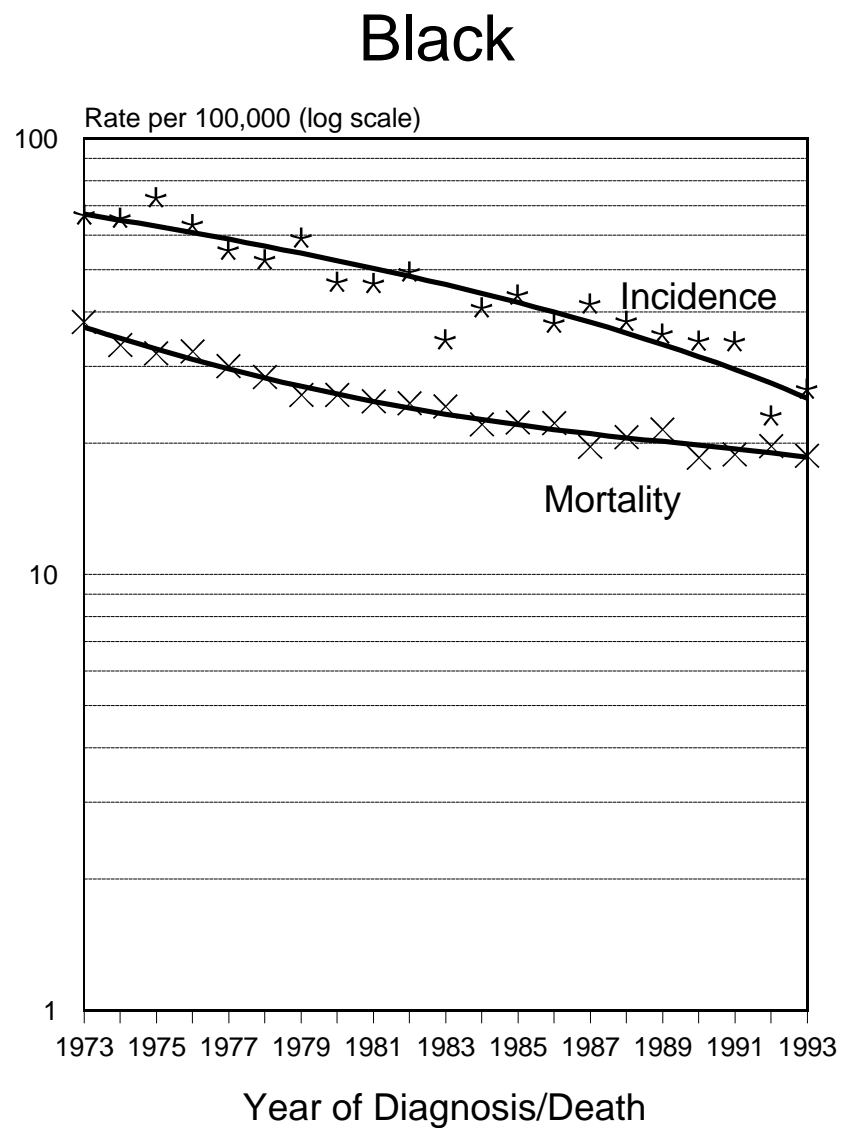
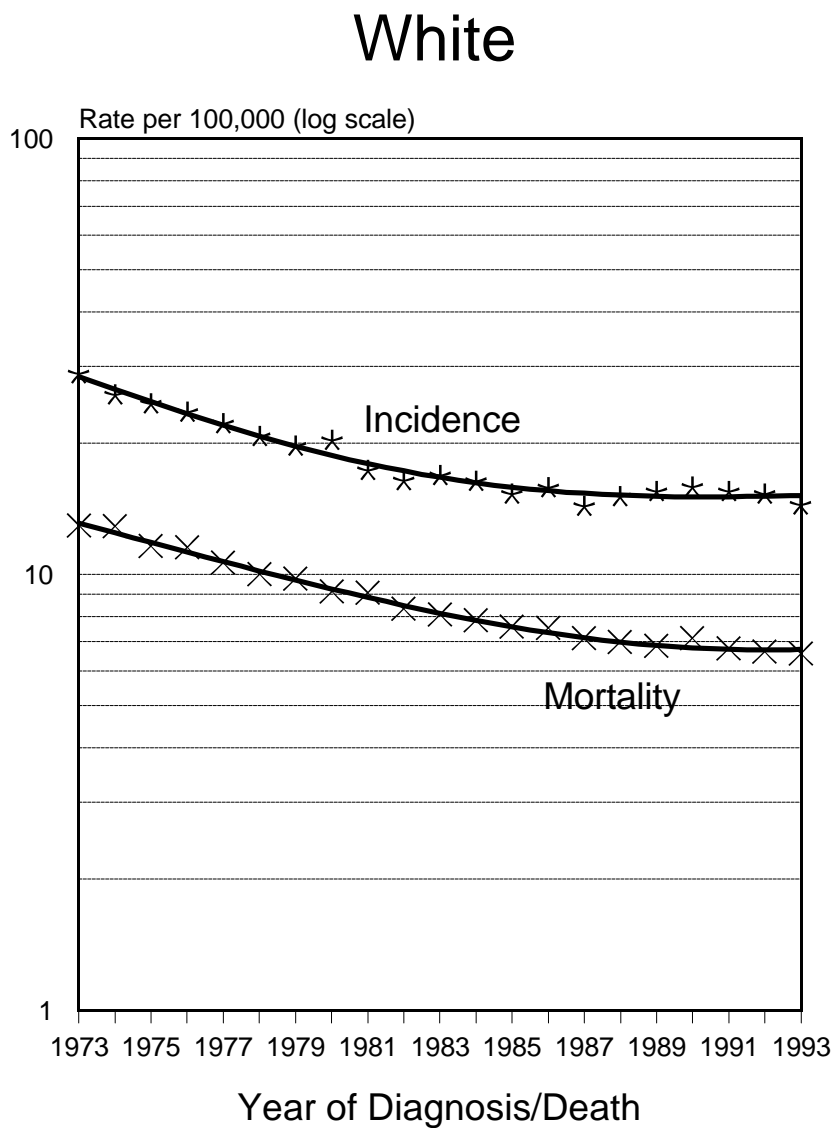


Figure V-2