

Table XX-1
OVARY 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>	
	Year	APC	Year	APC	Year	APC
<u>SEER Cancer Incidence</u>						
Age - All Ages	1973-80	-1.4★	1973-81	-1.1★	1973-97	0.2
	1980-91	1.5★	1981-91	1.8★		
	1991-97	-1.1	1991-97	-1.2		
Age - Under 65	1973-86	-1.1★	1973-81	-1.7★	1973-97	0.0
	1986-89	5.2	1981-97	0.9★		
	1989-97	-0.6				
Age - 65 and Over	1973-77	-2.2	1973-77	-1.2	1973-76	-14.2
	1977-90	2.1★	1977-91	2.0★	1976-97	1.6★
	1990-97	-1.7★	1991-97	-2.2★		
<u>U.S. Cancer Mortality</u>						
Age - All Ages	1973-84	-1.0★	1973-76	0.5	1973-97	-0.2
	1984-91	0.4	1976-80	-2.2★		
	1991-97	-1.0★	1980-94	0.0		
			1994-97	-1.7		
Age - Under 65	1973-82	-2.5★	1973-82	-2.4★	1973-97	-2.0★
	1982-97	-1.4★	1982-97	-1.3★		
Age - 65 and Over	1973-92	1.0★	1973-94	0.9★	1973-97	1.6★
	1992-97	-0.2	1994-97	-1.1		

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 XX-2
OVARY CANCER (Invasive)

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

	Incidence§			US Mortality*		
	All Races, Females	White Females	Black Females	All Races, Females	White Females	Black Females
<u>AGE-SPECIFIC RATES, 1993-97</u>						
AGE AT DIAGNOSIS/DEATH:						
0-4	0.0	0.0	0.3	0.0	0.0	0.0
5-9	0.1	0.1	0.0	0.0	0.0	0.0
10-14	0.9	0.9	0.7	0.0	0.0	0.0
15-19	2.3	2.4	1.4	0.1	0.1	0.1
20-24	2.9	2.8	1.9	0.2	0.2	0.2
25-29	4.6	4.9	3.2	0.3	0.3	0.3
30-34	6.5	6.7	4.1	0.7	0.7	0.7
35-39	9.3	9.9	5.6	1.4	1.4	1.5
40-44	13.1	13.7	9.2	3.1	3.2	2.6
45-49	22.7	24.1	12.9	6.7	7.0	4.7
50-54	29.8	30.9	20.7	11.4	12.0	8.4
55-59	35.6	38.4	21.4	17.6	18.4	13.0
60-64	43.7	46.9	28.9	24.7	25.9	18.9
65-69	49.4	52.6	39.0	32.6	33.6	28.9
70-74	58.1	60.6	55.5	42.6	43.6	39.9
75-79	61.5	64.0	51.0	49.9	51.2	42.7
80-84	59.6	62.2	44.7	56.5	57.5	49.7
85+	56.6	58.6	49.3	55.0	56.1	48.2
<u>AGE-ADJUSTED RATES, 1993-97</u>						
AGE AT DIAGNOSIS/DEATH:						
All ages	14.6	15.4	10.5	7.5	7.8	6.3
Under 65	10.1	10.7	6.5	3.6	3.8	2.8
65 and over	55.8	58.5	47.2	43.0	44.1	38.3
All ages (world std.)⊕	12.5	13.2	8.8	5.9	6.1	4.9

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

Table XX-3
OVARY CANCER (Invasive)

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

	All Races, Females			White Females			Black Females		
	All	<65	65+	All	<65	65+	All	<65	65+
<u>SEER INCIDENCE RATES</u>									
<u>YEAR OF DIAGNOSIS:</u>									
1973	14.1	10.2	50.1	14.6	10.7	50.5	10.5	5.8	54.0
1974	14.7	10.9	49.3	15.3	11.5	50.4	10.2	5.4	54.4
1975	14.1	10.3	48.9	14.4	10.6	49.9	10.1	6.8	40.1
1976	13.7	10.0	47.1	14.3	10.6	48.6	9.4	6.4	37.6
1977	13.6	10.0	46.3	14.1	10.3	48.2	9.7	7.7	28.7
1978	13.2	9.6	46.6	13.9	10.1	48.6	8.5	5.4	36.4
1979	13.2	9.3	48.4	13.5	9.5	50.5	10.5	8.1	31.9
1980	13.3	9.5	48.0	14.0	10.0	50.4	10.1	6.8	40.4
1981	13.2	9.3	49.4	13.7	9.6	51.7	9.8	6.7	38.1
1982	13.4	9.0	53.1	13.8	9.3	54.8	10.8	6.9	46.4
1983	13.8	9.4	53.7	14.1	9.6	55.6	11.5	8.5	39.1
1984	14.1	9.7	53.4	14.8	10.4	55.3	9.4	5.3	47.3
1985	14.3	9.7	56.5	15.1	10.2	59.4	10.1	6.9	39.3
1986	12.9	8.8	50.4	13.5	9.3	51.9	9.3	5.9	40.7
1987	13.9	9.2	57.5	14.7	9.8	59.9	10.2	5.7	51.2
1988	15.0	10.2	58.0	15.6	10.7	60.4	10.9	6.9	46.9
1989	15.3	10.5	59.6	16.2	11.2	62.5	10.9	6.5	51.8
1990	15.2	10.3	60.3	16.1	11.0	62.9	10.1	6.0	48.3
1991	15.4	10.5	59.9	16.3	11.3	62.5	10.1	5.6	50.7
1992	15.0	10.5	56.7	15.8	10.9	60.3	10.7	7.9	35.6
1993	15.0	10.2	59.5	15.8	10.6	62.8	11.2	7.2	47.8
1994	14.5	10.1	55.1	15.0	10.4	57.4	12.5	7.7	56.2
1995	14.7	10.1	56.8	15.6	10.8	59.2	10.1	6.0	47.2
1996	14.3	9.8	55.8	15.6	10.7	59.7	8.5	5.1	39.4
1997	14.3	10.2	51.8	14.9	10.7	53.4	10.2	6.4	45.6
1993-97	14.6	10.1	55.8	15.4	10.7	58.5	10.5	6.5	47.2
<u>U.S. MORTALITY RATES</u>									
<u>YEAR OF DEATH:</u>									
1973	8.4	5.3	36.1	8.5	5.4	36.7	7.1	4.5	30.3
1974	8.5	5.5	35.8	8.7	5.6	36.6	6.8	4.5	28.1
1975	8.4	5.2	37.2	8.7	5.4	38.5	6.3	4.2	25.0
1976	8.5	5.2	39.2	8.7	5.3	40.1	6.9	4.2	31.4
1977	8.2	5.0	37.4	8.4	5.1	38.5	6.3	3.9	28.8
1978	8.2	5.0	37.4	8.4	5.1	38.3	6.3	3.8	29.2
1979	7.9	4.6	38.0	8.1	4.7	39.0	6.5	4.0	29.6
1980	7.8	4.5	38.2	8.0	4.6	39.0	6.7	3.8	32.7
1981	7.8	4.5	38.1	8.0	4.7	39.0	6.2	3.5	31.6
1982	7.8	4.4	38.9	8.0	4.5	39.8	6.3	3.4	33.1
1983	7.8	4.3	39.5	8.0	4.4	40.6	6.5	3.8	31.1
1984	7.7	4.2	39.1	7.9	4.4	40.0	6.3	3.4	32.8
1985	7.7	4.2	39.4	7.9	4.3	40.4	6.3	3.5	32.0
1986	7.8	4.2	40.6	8.0	4.3	41.6	6.3	3.4	32.9
1987	7.7	4.1	40.8	8.0	4.2	41.8	6.3	3.2	34.5
1988	7.8	4.1	42.1	8.0	4.2	43.0	6.6	3.4	36.4
1989	7.7	3.9	42.1	8.0	4.1	43.2	6.1	2.9	35.3
1990	7.8	3.9	43.0	8.0	4.1	44.0	6.5	3.1	37.8
1991	7.9	4.0	44.0	8.1	4.1	44.8	6.9	3.1	41.1
1992	7.9	3.9	44.1	8.1	4.0	45.1	6.8	3.3	38.5
1993	7.5	3.7	42.4	7.8	3.9	43.4	6.3	2.8	38.8
1994	7.8	3.8	44.1	8.1	4.0	45.2	6.5	3.0	38.5
1995	7.6	3.7	43.3	7.9	3.9	44.6	6.1	2.7	36.8
1996	7.4	3.5	42.2	7.6	3.7	43.2	6.1	2.7	37.4
1997	7.4	3.5	43.1	7.6	3.6	44.0	6.5	2.8	40.4
1993-97	7.5	3.6	43.0	7.8	3.8	44.1	6.3	2.8	38.3

*†

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 XX-4
OVARY CANCER (Invasive)

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

	All Races, Females			White Females			Black Females		
	All	<65	65+	All	<65	65+	All	<65	65+
<u>5-YR RELATIVE SURVIVAL RATES</u>									
YEAR OF DIAGNOSIS:									
1960-63 ^a	-	-	-	32	-	-	32	-	-
1970-73 ^a	-	-	-	36	-	-	32	-	-
1974-76 ^b	36.8	42.9	23.6	36.5	42.7	23.3	40.5	43.9	33.2 [†]
1977-79 ^b	38.5	46.7	22.2	37.9	46.1	22.5	39.8	49.1	10.1
1980-82 ^b	39.1	48.4	23.4	38.8	48.3	23.4	38.3	46.3	21.5
1983-85 ^b	40.9	50.6	25.8	40.2	49.9	25.7	41.7	52.7	20.8
1986-88 ^b	42.2	53.9	25.3	42.1	53.9	25.5	38.5	49.3	21.4
1989-96 ^b	50.4 ^S	63.7	30.5	50.1 ^S	63.9	30.5	47.5 ^S	61.0 ^S	25.4 ^S
1989-96 ^b									
ALL STAGES	50.4	63.7	30.5	50.1	63.9	30.5	47.5	61.0	25.4
LOCALIZED	94.6	95.6	91.8	95.0	95.9	92.8	90.8	93.5	77.9 [†]
REGIONAL	79.0	85.9	63.4	78.7	85.9	64.1	75.7 [†]	85.2 [†]	-
DISTANT	28.2	38.6	16.8	28.3	39.5	16.6	24.9	33.3	15.3
UNSTAGED	28.0	47.2	17.9	26.8	46.1	17.1	35.4 [†]	-	21.3 [†]
<u>STAGE DISTRIBUTION (%) 1989-96^b</u>									
ALL STAGES									
Number of cases	14,762	8,160	6,602	12,951	6,993	5,958	937	541	396
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	25	35	13	25	35	13	24	33	11
REGIONAL	9	11	7	9	11	7	10	14	5
DISTANT	60	51	70	60	52	70	58	49	71
UNSTAGED	6	3	10	6	3	10	8	4	13
<u>5-YR RELATIVE SURVIVAL RATES, 1989-96^b</u>									
AGE AT DIAGNOSIS:									
<45	81.0	-	-	81.4	-	-	77.0	-	-
45-54	61.0	-	-	61.6	-	-	58.6	-	-
55-64	47.6	-	-	48.5	-	-	38.3	-	-
65-74	34.4	-	-	34.5	-	-	26.2	-	-
75+	24.9	-	-	24.9	-	-	22.4	-	-
Under 65	63.7	-	-	63.9	-	-	61.0	-	-
65 and over	30.5	-	-	30.5	-	-	25.4	-	-

^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 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.
^S The difference in rates between 1974-76 and 1989-96 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 XX-5
OVARY CANCER (Invasive)

INCIDENCE, MORTALITY, AND SURVIVAL RATES

By Year of Diagnosis/Death

All Races, Females

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	13.7	13.6	13.2	13.2	13.3	13.2	13.4	13.8	14.1	14.3	12.9	13.9	15.0	15.3	15.2	15.4	15.0	15.0	14.5	14.7	14.3	14.3
Mortality																						
U.S.	8.5	8.2	8.2	7.9	7.8	7.8	7.8	7.8	7.7	7.7	7.8	7.7	7.8	7.7	7.8	7.9	7.9	7.5	7.8	7.6	7.4	7.4
SEER	9.1	8.1	8.2	8.2	7.9	7.7	7.8	7.9	7.2	7.9	8.1	7.7	8.3	8.0	7.5	7.9	7.7	7.6	8.0	7.1	7.0	7.3
Relative Survival Rates (SEER)																						
1-year	63.7	66.3	67.8	67.7	69.8	69.3	70.5	70.2	73.3	72.1	69.1	71.0	73.5	75.6	76.3	76.7	78.9	76.3	76.3	77.7	78.4	
2-year	47.8	51.0	52.2	51.7	54.1	52.6	52.8	54.0	56.4	55.5	52.3	54.1	61.9	62.3	64.1	64.9	66.8	64.7	67.1	66.5		
3-year	42.3	43.1	44.8	44.4	46.7	45.8	44.6	48.1	48.4	48.1	46.0	46.6	55.4	54.8	56.9	57.0	59.2	56.6	60.7			
4-year	39.4	40.0	40.7	40.5	42.1	42.1	40.8	43.9	43.2	42.6	42.0	42.6	51.3	50.0	53.4	52.5	55.2	51.5				
5-year	37.9	38.7	38.7	38.2	39.2	40.2	38.0	42.6	40.6	39.6	38.4	39.1	48.2	47.6	51.0	49.9	51.7					
6-year	36.7	37.7	36.8	36.7	37.2	38.5	36.5	40.1	39.5	37.5	36.7	37.7	46.6	45.5	49.5	47.8						
7-year	35.3	36.4	36.2	35.3	36.6	38.5	35.6	39.1	38.8	36.0	35.6	37.0	45.9	44.5	48.4							
8-year	34.5	36.0	35.4	34.6	35.4	37.5	34.9	37.3	37.8	35.6	35.1	36.1	45.3	43.6								
9-year	34.5	35.8	34.9	34.1	34.0	36.8	34.5	37.1	36.4	34.8	34.7	35.8	44.6									
10-year	34.4	35.8	34.8	33.9	33.4	36.2	34.4	36.3	36.1	34.4	34.2	35.8										
11-year	34.0	35.7	34.4	33.9	33.4	36.2	34.1	35.9	35.6	34.4	34.2											
12-year	33.6	35.1	33.8	33.9	32.9	36.2	33.8	35.9	35.0	34.3												
13-year	33.6	35.1	33.4	33.9	32.2	35.9	33.8	35.7	34.6													
14-year	33.3	34.8	33.1	33.9	31.7	35.7	33.4	35.7														
15-year	32.1	34.8	32.8	33.9	31.3	35.7	33.4															
16-year	31.6	34.8	32.8	33.9	31.3	35.7																
17-year	31.1	34.8	32.8	33.9	31.1																	
18-year	31.1	34.7	32.8	33.9																		
19-year	31.1	34.7	32.8																			
20-year	31.1	34.7																				
21-year	31.1																					

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 XX-6
OVARY 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	0.02	0.05	1.73
10	0.02	0.06	0.13	1.75
20	0.04	0.11	0.29	1.74
30	0.07	0.25	0.56	1.71
40	0.18	0.49	0.89	1.65
50	0.32	0.73	1.18	1.51
60	0.43	0.90	1.18	1.24

Lifetime Risk of Being Diagnosed = 1.73%
 Lifetime Risk of Dying = 1.03%

Whites

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.02	0.06	1.85
10	0.02	0.06	0.14	1.86
20	0.04	0.12	0.30	1.85
30	0.08	0.26	0.60	1.82
40	0.19	0.53	0.96	1.76
50	0.35	0.79	1.26	1.60
60	0.46	0.96	1.25	1.31

Lifetime Risk of Being Diagnosed = 1.85%
 Lifetime Risk of Dying = 1.12%

Blacks

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.00	0.02	1.04
10	0.00	0.02	0.06	1.06
20	0.02	0.06	0.16	1.06
30	0.04	0.15	0.31	1.05
40	0.11	0.28	0.52	1.03
50	0.18	0.43	0.75	0.97
60	0.28	0.63	0.82	0.87

Lifetime Risk of Being Diagnosed = 1.04%
 Lifetime Risk of Dying = 0.63%

Table XX-7
OVARY CANCER (Invasive)

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

By Race/Ethnicity and Sex

Incidenceⁱ

RACE/ETHNICITY	Rate 1990-1997	Trend 1990-1997
	Rate per 100,000 persons	EAPC (%)
	<u>Females</u>	<u>Females</u>
All Races	14.7	-1.3★
White	15.6	-1.3★
White Hispanic	12.2	-2.1★
White Non-Hispanic	16.0	-1.2★
Black	10.3	-1.4
Asian/Pacific Islander	10.7	0.5
American Indian	9.3	-
Hispanic [⊙]	11.5	-2.2★

Mortality[❖]

RACE/ETHNICITY	Rate 1990-1997	Trend 1990-1997
	Rate per 100,000 persons	EAPC (%)
	<u>Females</u>	<u>Females</u>
All Races	7.6	-0.9★
White	7.9	-0.9★
White Hispanic	5.1	-1.9
White Non-Hispanic	8.0	-0.6
Black	6.4	-1.0
Asian/Pacific Islander	4.0	0.1
American Indian	4.3	-2.7
Hispanic [⊙]	4.8	-2.1

- 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.
- ⁱ 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).
- [⊙] 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).
- [★] The EAPC is significantly different from zero (p<.05).

Table XX-8
OVARY CANCER (Invasive)

AGE-ADJUSTED SEER INCIDENCE RATES§ AND SEER MORTALITY RATES*
 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§, 1993-97</u>									
REGISTRY									
11 registries	14.4	5.1	43.2	15.3	5.3	46.0	10.3	3.4	31.9
9 registries	14.6	5.1	43.8	15.4	5.4	46.3	10.5	3.2	32.9
San Francisco-Oakland	14.7	5.5	43.0	16.2	5.7	48.8	10.1	4.1	28.7
Connecticut	14.5	5.1	43.2	15.0	5.4	44.6	8.1	2.0	26.6
Metropolitan Detroit	14.5	5.0	43.9	15.5	5.5	46.2	11.3	3.5	35.4
Hawaii	12.9	6.0	34.3	16.4	6.1	47.9	-	-	-
Iowa	15.2	5.6	44.9	15.4	5.7	45.2	-	-	-
New Mexico	12.5	3.8	39.2	12.8	4.0	39.9	-	-	-
Seattle-Puget Sound	16.6	6.0	49.4	17.2	6.2	50.9	14.7	3.3	49.9
Utah	14.1	4.5	43.6	14.2	4.6	43.8	-	-	-
Metropolitan Atlanta	14.0	3.9	45.1	15.0	4.2	48.1	10.6	3.1	33.8
San Jose-Monterey	14.6	5.5	42.7	15.3	5.4	45.8	13.8	3.0	46.9
Los Angeles	13.9	5.0	41.3	15.0	5.3	44.9	9.9	3.7	28.9
<u>SEER MORTALITY RATES*, 1993-97</u>									
REGISTRY									
11 registries	7.3	1.0	26.9	7.9	1.0	29.0	5.8	0.8	21.0
9 registries	7.4	1.0	27.3	7.9	1.0	29.1	5.6	0.8	20.4
San Francisco-Oakland	7.5	1.0	27.8	8.8	1.1	32.6	5.2	1.0	18.2
Connecticut	7.0	0.8	26.1	7.2	0.9	26.7	5.1	0.2	20.3
Metropolitan Detroit	7.1	1.0	25.9	7.6	1.2	27.6	5.4	0.8	19.5
Hawaii	5.6	1.1	19.2	8.4	1.1	31.0	-	-	-
Iowa	7.5	1.0	27.3	7.5	1.1	27.4	-	-	-
New Mexico	6.9	0.8	25.7	7.1	0.8	26.5	-	-	-
Seattle-Puget Sound	8.9	1.0	33.2	9.2	1.0	34.4	7.5	1.0	27.6
Utah	7.6	1.2	27.5	7.7	1.2	27.7	-	-	-
Metropolitan Atlanta	7.4	0.8	27.7	7.7	0.7	29.0	6.4	0.8	23.6
San Jose-Monterey	6.5	1.1	23.1	7.1	1.2	25.6	8.4	1.6	29.3
Los Angeles	7.3	1.1	26.7	8.0	1.1	29.3	6.2	1.0	22.3

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 XX-9
OVARY CANCER (Invasive)

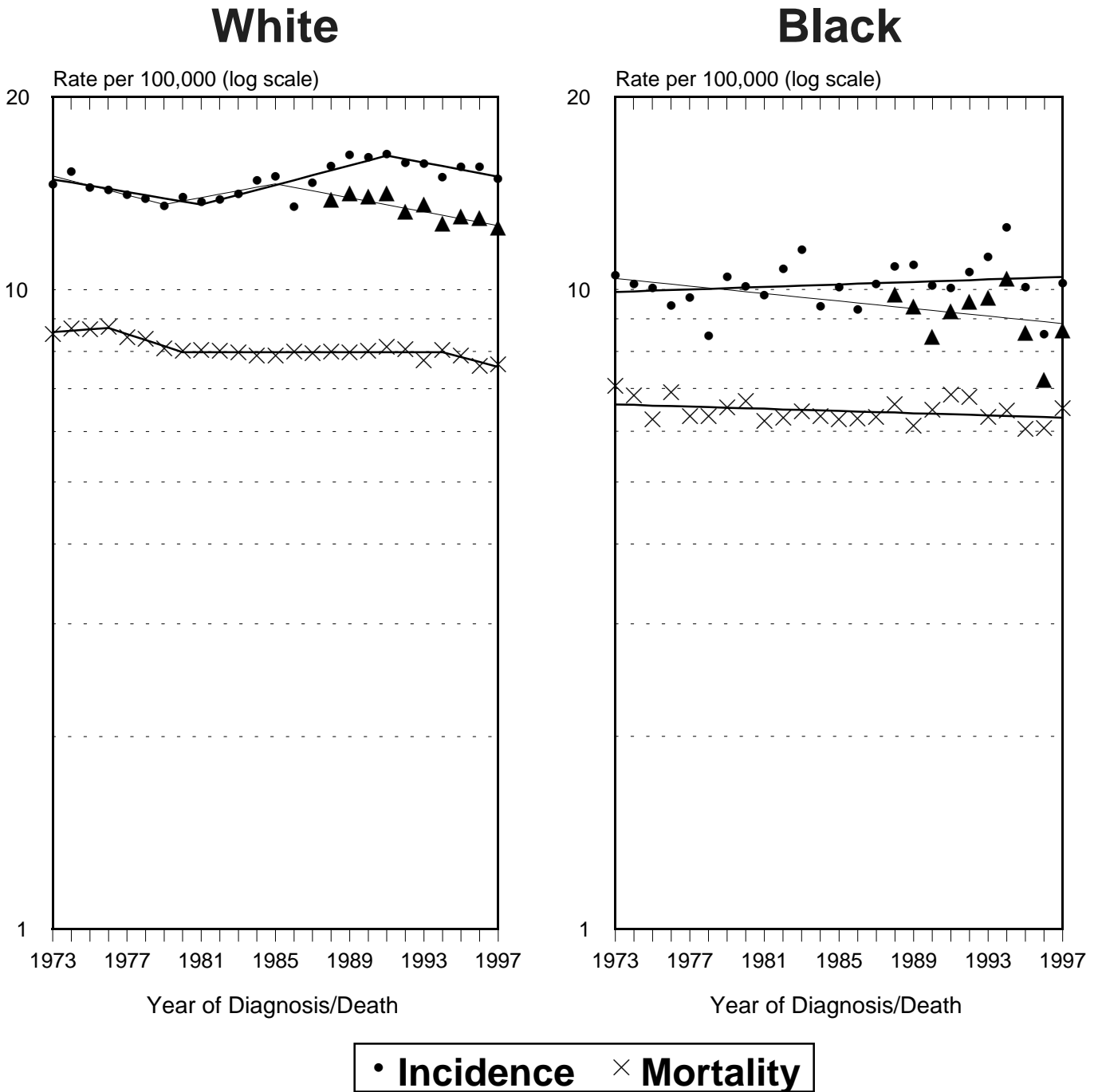
AVERAGE ANNUAL AGE-ADJUSTED CANCER MORTALITY* RATES BY STATE, 1993-97

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	7.5	0.03							
High Five States									
Washington	8.8⊕*	0.24	(01)	17.3					
Vermont	8.8*	0.72	(02)	17.3					
New Hampshire	8.7*	0.52	(03)	16.0					
Delaware	8.7*	0.63	(04)	16.0					
Alaska	8.6	0.98	(05)	14.7					
Low Five States									
Colorado	6.6	0.26	(47)	-12.0					
Louisiana	6.5	0.23	(48)	-13.3					
South Dakota	6.2*	0.52	(49)	-17.3					
Mississippi	6.0⊕*	0.27	(50)	-20.0					
Hawaii	5.6*	0.41	(51)	-25.3					
Alabama	7.2	0.23	(34)	-4.0	Montana	8.0	0.55	(12)	6.7
Alaska	8.6	0.98	(05)	14.7	Nebraska	6.9	0.36	(46)	-8.0
Arizona	7.1	0.23	(36)	-5.3	Nevada	7.5	0.42	(25)	0.0
Arkansas	7.5	0.30	(27)	0.0	New Hampshire	8.7*	0.52	(03)	16.0
California	7.6	0.09	(23)	1.3	New Jersey	8.5⊕	0.18	(06)	13.3
Colorado	6.6	0.26	(47)	-12.0	New Mexico	6.9	0.38	(45)	-8.0
Connecticut	7.0	0.26	(40)	-6.7	New York	7.9	0.12	(13)	5.3
Delaware	8.7*	0.63	(04)	16.0	North Carolina	7.0	0.17	(38)	-6.7
District of Columbia	6.9	0.61	(42)	-8.0	North Dakota	8.2	0.63	(09)	9.3
Florida	7.3	0.12	(32)	-2.7	Ohio	7.6	0.15	(21)	1.3
Georgia	7.4	0.19	(31)	-1.3	Oklahoma	7.0	0.26	(41)	-6.7
Hawaii	5.6*	0.41	(51)	-25.3	Oregon	7.7	0.28	(18)	2.7
Idaho	8.2	0.50	(08)	9.3	Pennsylvania	8.1	0.14	(10)	8.0
Illinois	7.8	0.15	(16)	4.0	Rhode Island	7.1	0.48	(37)	-5.3
Indiana	7.9	0.21	(14)	5.3	South Carolina	7.6	0.26	(24)	1.3
Iowa	7.5	0.28	(28)	0.0	South Dakota	6.2*	0.52	(49)	-17.3
Kansas	7.8	0.31	(15)	4.0	Tennessee	7.4	0.21	(30)	-1.3
Kentucky	7.6	0.25	(22)	1.3	Texas	6.9⊕	0.12	(43)	-8.0
Louisiana	6.5	0.23	(48)	-13.3	Utah	7.6	0.42	(20)	1.3
Maine	8.1	0.45	(11)	8.0	Vermont	8.8*	0.72	(02)	17.3
Maryland	7.2	0.22	(33)	-4.0	Virginia	7.4	0.20	(29)	-1.3
Massachusetts	7.8	0.20	(17)	4.0	Washington	8.8⊕*	0.24	(01)	17.3
Michigan	7.5	0.16	(26)	0.0	West Virginia	7.0	0.33	(39)	-6.7
Minnesota	7.7	0.24	(19)	2.7	Wisconsin	8.4	0.23	(07)	12.0
Mississippi	6.0⊕*	0.27	(50)	-20.0	Wyoming	6.9	0.71	(44)	-8.0
Missouri	7.2	0.20	(35)	-4.0					

* 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 15% or more.
⊕ Difference between state rate and total U.S. rate is statistically significant (p<=.0002).

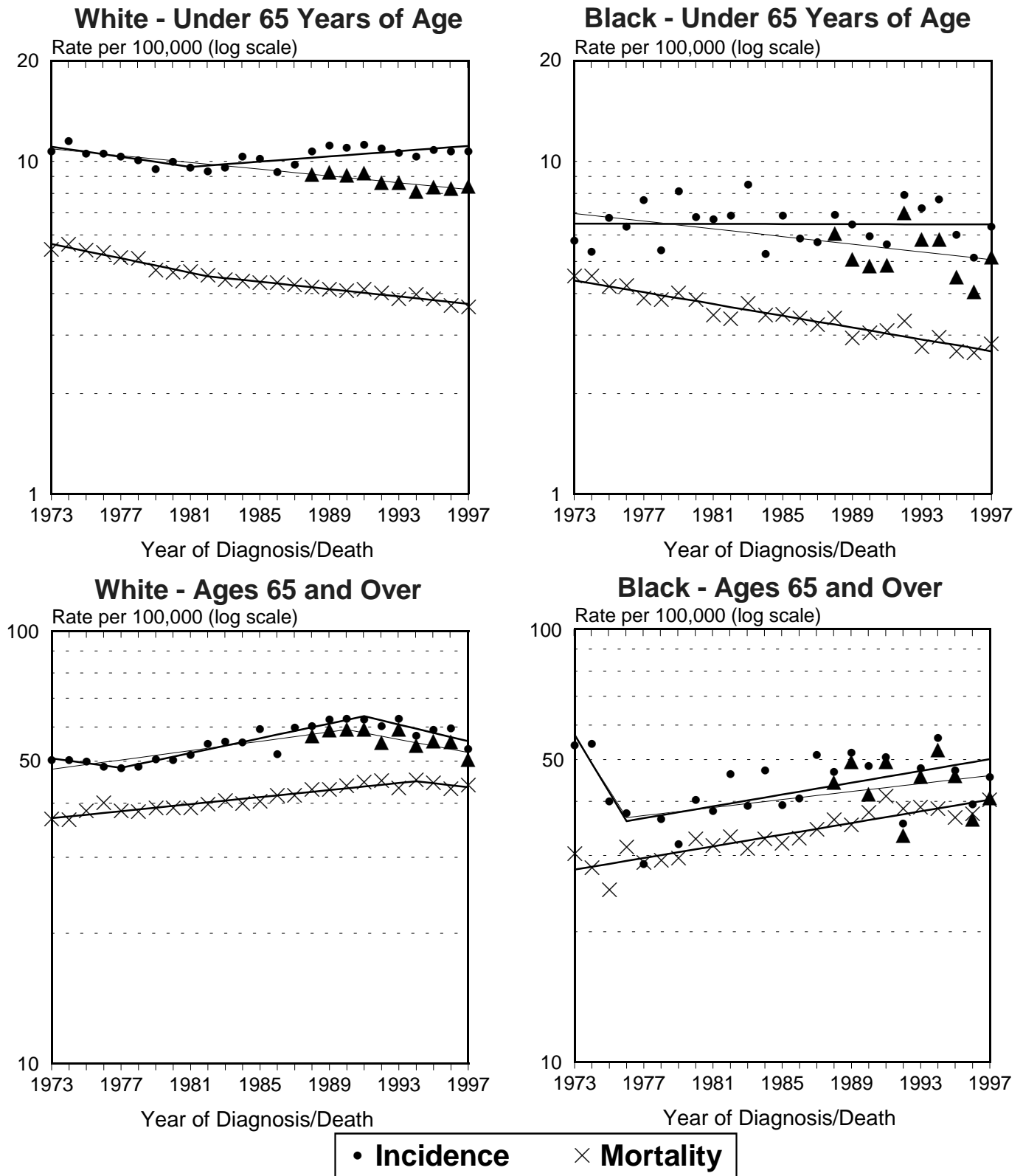
SEER Incidence and U.S. Mortality Rates⁺ Ovary By Race



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

▲ The Incidence trends represented by the thin line excludes histologies 8442, 8451, 8462, 8472, and 8473 which only became reportable as malignancies after 1987.

SEER Incidence and U.S. Mortality Rates⁺ Ovary, By Age and Race



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

▲ The Incidence trends represented by the thin line excludes histologies 8442, 8451, 8462, 8472, and 8473 which only became reportable as malignancies after 1987.