

Table XX-1
OVARY CANCER (Invasive)

TRENDS IN SEER INCIDENCE AND U.S. MORTALITY USING THE JOINTPOINT REGRESSION PROGRAM, 1973-1998
WITH UP TO THREE JOINTPOINTS 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	1973-80	-1.5★	1973-81	-1.2★	1973-98	0.3
	1980-91	1.5★	1981-91	1.8★		
	1991-98	-1.1★	1991-98	-1.3★		
Age - Under 65	1973-86	-1.1★	1973-82	-1.9★	1973-98	-0.1
	1986-89	5.4	1982-91	1.9★		
	1989-98	-0.8	1991-98	-1.1		
Age - 65 and Over	1973-77	-2.2	1973-91	1.6★	1973-98	0.7
	1977-90	2.0★	1991-98	-1.5★		
	1990-98	-1.4★				
<u>U.S. Cancer Mortality</u>						
Age - All Ages	1973-84	-1.0★	1973-84	-1.0★	1973-98	-0.2★
	1984-91	0.4	1984-91	0.5		
	1991-98	-1.1★	1991-98	-1.0★		
Age - Under 65	1973-81	-2.6★	1973-81	-2.5★	1973-98	-1.9★
	1981-98	-1.4★	1981-98	-1.4★		
Age - 65 and Over	1973-92	1.0★	1973-92	1.0★	1973-98	1.4★
	1992-98	-0.4	1992-98	-0.3		

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

	Incidences			US Mortality		
	All Races, Females	White Females	Black Females	All Races, Females	White Females	Black Females
<u>AGE-SPECIFIC RATES, 1994-98</u>						
AGE AT DIAGNOSIS/DEATH:						
0-4	-	-	-	-	-	-
5-9	-	-	-	-	-	-
10-14	0.9	0.8	-	-	-	-
15-19	2.1	2.2	-	0.1	-	-
20-24	3.1	3.1	-	0.2	0.2	-
25-29	4.8	4.9	-	0.3	0.3	-
30-34	6.3	6.5	4.0	0.7	0.7	0.7
35-39	8.8	9.5	4.7	1.4	1.4	1.5
40-44	13.0	13.7	9.0	3.0	3.1	2.8
45-49	22.7	24.0	13.7	6.4	6.7	4.8
50-54	30.5	32.1	19.0	11.3	11.8	8.3
55-59	34.7	37.6	21.1	17.3	18.2	13.0
60-64	42.5	45.4	28.7	24.4	25.6	19.3
65-69	49.8	52.7	40.3	32.4	33.4	28.8
70-74	57.6	60.4	53.4	42.6	43.7	39.1
75-79	60.6	62.3	54.8	50.1	51.5	42.3
80-84	56.8	59.3	44.0	56.2	57.3	48.2
85+	57.6	60.2	46.2	55.4	56.7	46.0
<u>AGE-ADJUSTED RATES, 1994-98</u>						
AGE AT DIAGNOSIS/DEATH:						
All ages	14.5	15.3	10.4	7.5	7.7	6.3
Under 65	10.0	10.6	6.4	3.6	3.7	2.8
65 and over	55.3	57.9	47.5	43.0	44.1	37.7
All ages (world std.) [⊕]	12.4	13.1	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, unless noted.
 NCHS public use tape. Rates are per 100,000 and are age-adjusted to the 1970 U.S. standard population, unless noted.
 Rates are per 100,000 and are age-adjusted to the world standard population.
 Statistic not shown. Rate based on less than 25 cases for the time interval.

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>									
YEAR OF DIAGNOSIS:									
1973	14.1	10.2	50.3	14.7	10.8	50.6	10.5	5.8	54.0
1974	14.8	11.0	49.6	15.4	11.5	50.7	10.2	5.4	54.4
1975	14.1	10.3	49.1	14.5	10.6	50.1	10.1	6.8	40.1
1976	13.7	10.0	47.2	14.4	10.6	48.8	9.4	6.4	37.6
1977	13.6	10.0	46.3	14.1	10.3	48.2	9.7	7.7	-
1978	13.2	9.6	46.8	13.9	10.1	48.9	8.5	5.4	36.4
1979	13.2	9.4	48.4	13.5	9.5	50.5	10.5	8.1	31.9
1980	13.4	9.5	48.2	14.0	10.0	50.6	10.1	6.8	40.4
1981	13.2	9.3	49.5	13.8	9.6	51.8	9.8	6.7	38.1
1982	13.4	9.0	53.1	13.8	9.4	54.8	10.8	6.9	46.4
1983	13.8	9.4	53.7	14.1	9.6	55.5	11.5	8.5	39.1
1984	14.1	9.7	53.5	14.8	10.4	55.5	9.3	5.2	47.3
1985	14.3	9.7	56.6	15.1	10.2	59.6	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	57.6	14.7	9.8	60.0	10.2	5.7	51.2
1988	15.0	10.2	58.2	15.6	10.7	60.6	10.9	6.9	46.9
1989	15.3	10.5	59.5	16.2	11.2	62.5	10.9	6.5	51.8
1990	15.2	10.3	60.3	16.2	11.0	62.9	10.1	6.0	48.3
1991	15.4	10.5	59.9	16.4	11.3	62.5	10.1	5.6	50.7
1992	15.1	10.5	56.9	15.8	10.9	60.4	10.7	7.9	35.6
1993	15.0	10.2	59.6	15.8	10.7	62.9	11.2	7.2	47.8
1994	14.6	10.1	55.4	15.1	10.4	57.7	12.6	7.8	56.2
1995	14.8	10.2	57.1	15.7	10.9	59.6	10.2	6.1	47.8
1996	14.4	9.8	56.4	15.7	10.8	60.3	8.6	5.0	41.1
1997	14.7	10.4	53.7	15.4	11.0	55.4	10.5	6.4	47.4
1998	13.9	9.5	54.0	14.4	9.8	56.8	10.3	6.5	45.1
1994-98	14.5	10.0	55.3	15.3	10.6	57.9	10.4	6.4	47.5
<u>U.S. MORTALITY RATES</u>									
YEAR OF DEATH:									
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	37.5	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	43.2	7.6	3.6	44.0	6.5	2.8	40.4
1998	7.2	3.4	42.2	7.5	3.5	43.5	6.2	3.0	35.5
1994-98	7.5	3.6	43.0	7.7	3.7	44.1	6.3	2.8	37.7

§ 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.
 - Statistic not shown. Rate based on less than 25 cases for the time interval.

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	36.9	43.0	23.7	36.5	42.8	23.4	40.9	44.4	33.2 [†]
1977-79 ^b	38.4	46.6	22.3	37.8	45.9	22.6	39.8	49.1	10.1
1980-82 ^b	39.1	48.3	23.3	38.7	48.2	23.3	39.1	46.7	22.8 [†]
1983-85 ^b	40.9	50.6	25.9	40.2	49.9	25.8	41.2	52.0	20.8
1986-88 ^b	42.1	53.9	25.3	42.0	53.9	25.5	38.6	49.3	21.4
1989-91 ^b	49.4	62.8	29.5	49.6	63.4	29.7	41.4	54.6	22.8
1992-97 ^b	52.1 ^Ω	64.9	32.3	51.5 ^Ω	64.9	32.0	50.5 ^Ω	63.0	27.6 ^Ω
1992-97 ^b									
ALL STAGES	52.1	64.9	32.3	51.5	64.9	32.0	50.5	63.0	27.6
LOCALIZED	95.1	95.2	94.7	95.2	95.2	95.3	92.3	94.3	83.2 [†]
REGIONAL	80.5	86.6	65.8	79.6	85.8	66.9	78.6 [†]	86.9	-
DISTANT	29.4	39.3	18.4	29.6	40.2	18.4	24.1	30.7	16.2
UNSTAGED	27.2	49.2	15.0	25.0	46.8	13.6	39.6 [†]	-	25.0 [†]
<u>STAGE DISTRIBUTION (%) 1992-97^b</u>									
ALL STAGES									
Number of cases	11,213	6,289	4,924	9,754	5,338	4,416	737	440	297
Percent	100%	100%	100%	100%	100%	100%	100%	100%	100%
LOCALIZED	26	35	13	25	35	13	26	34	14
REGIONAL	10	12	7	10	11	7	12	16	5
DISTANT	59	50	70	59	50	71	54	46	67
UNSTAGED	6	3	10	6	3	10	8	4	14
<u>5-YR RELATIVE SURVIVAL RATES, 1992-97^b</u>									
AGE AT DIAGNOSIS:									
<45	81.7	-	-	82.2	-	-	76.2	-	-
45-54	63.1	-	-	63.3	-	-	61.9 [†]	-	-
55-64	48.0	-	-	48.2	-	-	43.9 [†]	-	-
65-74	36.8	-	-	36.4	-	-	27.9	-	-
75+	26.3	-	-	26.1	-	-	24.2 [†]	-	-
Under 65	64.9	-	-	64.9	-	-	63.0	-	-
65 and over	32.3	-	-	32.0	-	-	27.6	-	-

^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.
^Ω The difference in rates between 1974-76 and 1992-97 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

	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Incidence																				
SEER	14.1	13.4	13.2	13.4	13.8	14.1	14.3	12.9	13.9	15.0	15.3	15.2	15.4	15.1	15.0	14.6	14.8	14.4	14.7	13.9
Mortality																				
U.S.	8.4	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	7.2
SEER	8.7	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	6.9
Relative Survival Rates (SEER)																				
1-year	59.9	69.8	69.2	70.4	70.2	73.3	72.2	69.0	70.9	73.3	75.6	76.1	76.5	78.9	76.4	76.4	77.8	78.8	80.3	
2-year	45.2	54.1	52.5	52.7	53.9	56.4	55.6	52.3	54.0	61.7	62.3	64.0	64.7	67.0	64.8	67.2	66.8	68.6		
3-year	39.8	46.7	45.6	44.5	48.1	48.4	48.2	46.1	46.5	55.2	54.7	56.8	56.8	59.4	56.9	61.0	59.4			
4-year	36.7	42.0	42.0	40.7	43.8	43.2	42.8	42.1	42.5	51.0	49.9	53.3	52.3	55.5	52.1	56.0				
5-year	34.4	39.2	40.1	37.9	42.6	40.5	39.8	38.6	39.0	48.0	47.5	50.9	49.7	52.2	48.6					
6-year	34.2	37.1	38.5	36.6	40.1	39.3	37.8	36.9	37.5	46.4	45.4	49.4	47.7	50.2						
7-year	33.6	36.5	38.5	35.6	39.2	38.5	36.3	35.8	36.9	45.7	44.5	48.4	46.2							
8-year	32.9	35.2	37.6	35.0	37.3	37.4	35.9	35.3	36.0	45.3	43.6	47.4								
9-year	32.5	33.9	36.9	34.6	37.1	36.1	34.9	34.9	35.7	44.6	43.6									
10-year	32.5	33.3	36.3	34.5	36.3	35.7	34.7	34.5	35.7	44.2										
11-year	32.5	33.3	36.3	34.2	35.9	35.3	34.7	34.5	35.5											
12-year	32.5	32.8	36.3	34.0	35.9	34.7	34.7	33.9												
13-year	32.5	32.2	36.1	34.0	35.9	34.4	34.7													
14-year	32.5	31.7	35.9	33.6	35.9	34.4														
15-year	32.5	31.4	35.9	33.6	35.9															
16-year	32.5	31.4	35.9	33.6																
17-year	32.4	31.3	35.9																	
18-year	32.4	31.2																		
19-year	32.3																			
20-year	32.3																			
21-year	32.3																			
22-year	32.3																			
23-year	32.3																			

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 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 (11 SEER Areas) With Cancer and
 Lifetime Risk (Percent) of Dying (Total U.S.) From Cancer

1996-1998

All Races

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.01	0.05	1.71
10	0.01	0.05	0.12	1.72
20	0.04	0.11	0.28	1.71
30	0.07	0.24	0.55	1.68
40	0.17	0.48	0.89	1.63
50	0.32	0.73	1.16	1.49
60	0.44	0.88	1.16	1.23

Lifetime Risk of Being Diagnosed = 1.71%
 Lifetime Risk of Dying = 1.04%

Whites

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.01	0.06	1.82
10	0.01	0.05	0.13	1.83
20	0.04	0.12	0.30	1.83
30	0.07	0.26	0.59	1.79
40	0.18	0.52	0.96	1.73
50	0.34	0.79	1.24	1.58
60	0.47	0.94	1.23	1.30

Lifetime Risk of Being Diagnosed = 1.82%
 Lifetime Risk of Dying = 1.08%

Blacks

Current Age	+10 yrs	+20 yrs	+30 yrs	Eventually
0	0.00	0.01	0.03	1.05
10	0.01	0.03	0.07	1.07
20	0.02	0.06	0.17	1.06
30	0.04	0.15	0.32	1.05
40	0.11	0.28	0.53	1.03
50	0.18	0.44	0.73	0.96
60	0.29	0.61	0.81	0.86

Lifetime Risk of Being Diagnosed = 1.05%
 Lifetime Risk of Dying = 0.75%

Table XX-7
OVARY CANCER (Invasive)

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

By Race/Ethnicity and Sex

Incidence^x

RACE/ETHNICITY	Rate 1992-1998	Trend 1992-1998
	Rate per 100,000 persons	EAPC (%)
	Females	Females
All Races	14.5	-1.3★
White	15.4	-1.2★
White Hispanic	12.2	-2.3★
White Non-Hispanic	15.8	-1.1★
Black	10.3	-1.5
Asian/Pacific Islander	10.8	0.2
Amer Ind/Alask Nat	9.1	-
Hispanic [⊗]	11.4	-2.3★

Mortality[❖]

RACE/ETHNICITY	Rate 1992-1998	Trend 1992-1998
	Rate per 100,000 persons	EAPC (%)
	Females	Females
All Races	7.5	-1.2★
White	7.8	-1.1★
White Hispanic	5.0	-2.7
White Non-Hispanic	7.9	-0.8
Black	6.3	-1.0
Asian/Pacific Islander	4.0	-3.4★
Amer Ind/Alask Nat	4.2	-2.4
Hispanic [⊗]	4.7	-2.8

- 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.
- x 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) and Alaska. 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/Native Alaskans. 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	<65	65+	All	<65	65+	All	<65	65+
<u>SEER INCIDENCE RATES§, 1994-98</u>									
REGISTRY									
11 registries	14.3	10.0	54.0	15.2	10.6	57.2	10.3	6.5	44.2
9 registries	14.5	10.0	55.3	15.3	10.6	57.9	10.4	6.4	47.5
San Francisco-Oakland	14.5	10.1	54.3	15.9	11.0	60.9	9.7	6.3	40.9
Connecticut	14.2	10.1	52.0	14.7	10.4	53.1	8.0	5.6	-
Metropolitan Detroit	14.3	9.7	56.5	15.2	10.6	56.4	11.6	6.7	55.7
Hawaii	13.3	10.4	39.8	17.5	13.2	57.1	-	-	-
Iowa	15.3	10.9	55.3	15.4	11.0	55.5	-	-	-
New Mexico	11.9	7.8	48.9	12.2	8.0	50.4	-	-	-
Seattle-Puget Sound	16.8	11.5	64.8	17.4	12.0	66.5	14.2	-	-
Utah	14.4	9.5	58.8	14.6	9.7	59.6	-	-	-
Metropolitan Atlanta	13.6	8.8	57.6	14.6	9.4	61.8	9.8	6.5	40.3
San Jose-Monterey	14.5	9.9	55.6	15.2	10.2	60.6	-	-	-
Los Angeles	13.8	9.9	49.2	15.1	10.8	53.9	9.9	7.1	35.4
<u>SEER MORTALITY RATES§, 1994-98</u>									
REGISTRY									
11 registries	7.2	3.6	40.8	7.8	3.8	43.8	5.8	2.8	33.3
9 registries	7.3	3.5	41.7	7.8	3.7	44.5	5.6	2.5	33.7
San Francisco-Oakland	7.3	3.6	40.3	8.4	4.3	46.1	5.7	2.3	36.1
Connecticut	7.0	3.3	40.5	7.3	3.5	41.4	4.1	-	-
Metropolitan Detroit	6.9	3.4	38.5	7.3	3.7	39.9	5.4	2.4	32.8
Hawaii	5.5	3.7	22.4	8.6	5.5	36.7	-	-	-
Iowa	7.4	3.6	41.4	7.4	3.7	41.6	-	-	-
New Mexico	6.7	2.9	41.7	7.0	3.0	43.0	-	-	-
Seattle-Puget Sound	8.7	4.0	51.9	9.1	4.2	53.9	-	-	-
Utah	7.8	3.7	45.2	7.9	3.7	45.9	-	-	-
Metropolitan Atlanta	7.4	3.2	45.1	7.7	3.3	47.6	6.4	3.1	36.7
San Jose-Monterey	6.6	3.5	34.8	7.3	4.0	37.3	-	-	-
Los Angeles	7.2	3.7	39.2	7.9	4.0	43.1	6.3	3.4	32.2

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^d RATES BY STATE, 1994-98

All Races, Females

State	Rate	SE	Rank	PD	State	Rate	SE	Rank	PD
TOTAL U.S.	7.5	0.03							
High Five States									
Vermont	8.7 [']	0.71	(01)	16.0					
Washington	8.6 ^¾	0.23	(02)	14.7					
Delaware	8.4	0.62	(03)	12.0					
Alaska	8.4	0.95	(04)	12.0					
Wisconsin	8.3 ^¾	0.23	(05)	10.7					
Low Five States									
Nebraska	6.8	0.36	(47)	-9.3					
Louisiana	6.7	0.23	(48)	-10.7					
New Mexico	6.7	0.37	(49)	-10.7					
Mississippi	6.1 ^¾	0.27	(50)	-18.7					
Hawaii	5.5 ^¾	0.40	(51)	-26.7					
Alabama	7.6	0.23	(23)	1.3	Montana	7.9	0.54	(12)	5.3
Alaska	8.4	0.95	(04)	12.0	Nebraska	6.8	0.36	(47)	-9.3
Arizona	7.0	0.23	(38)	-6.7	Nevada	7.5	0.41	(25)	0.0
Arkansas	7.4	0.29	(32)	-1.3	New Hampshire	8.1	0.50	(08)	8.0
California	7.5	0.09	(26)	0.0	New Jersey	8.2 ^¾	0.18	(07)	9.3
Colorado	6.8	0.25	(46)	-9.3	New Mexico	6.7	0.37	(49)	-10.7
Connecticut	7.0	0.25	(40)	-6.7	New York	7.8	0.12	(14)	4.0
Delaware	8.4	0.62	(03)	12.0	North Carolina	6.9	0.17	(44)	-8.0
District of Columbia	6.9	0.62	(45)	-8.0	North Dakota	7.8	0.61	(17)	4.0
Florida	7.2	0.12	(36)	-4.0	Ohio	7.5	0.14	(24)	0.0
Georgia	7.3	0.19	(34)	-2.7	Oklahoma	7.0	0.26	(42)	-6.7
Hawaii	5.5 ^¾	0.40	(51)	-26.7	Oregon	7.9	0.28	(10)	5.3
Idaho	8.1	0.49	(09)	8.0	Pennsylvania	7.9	0.14	(11)	5.3
Illinois	7.7	0.14	(20)	2.7	Rhode Island	7.7	0.50	(18)	2.7
Indiana	7.9	0.21	(13)	5.3	South Carolina	7.5	0.25	(27)	0.0
Iowa	7.4	0.28	(31)	-1.3	South Dakota	6.9	0.56	(43)	-8.0
Kansas	7.8	0.31	(16)	4.0	Tennessee	7.6	0.21	(22)	1.3
Kentucky	7.2	0.24	(37)	-4.0	Texas	7.0 ^¾	0.12	(41)	-6.7
Louisiana	6.7	0.23	(48)	-10.7	Utah	7.8	0.42	(15)	4.0
Maine	8.2	0.45	(06)	9.3	Vermont	8.7 [']	0.71	(01)	16.0
Maryland	7.6	0.23	(21)	1.3	Virginia	7.3	0.19	(33)	-2.7
Massachusetts	7.4	0.20	(28)	-1.3	Washington	8.6 ^¾	0.23	(02)	14.7
Michigan	7.4	0.16	(29)	-1.3	West Virginia	7.4	0.33	(30)	-1.3
Minnesota	7.7	0.24	(19)	2.7	Wisconsin	8.3 ^¾	0.23	(05)	10.7
Mississippi	6.1 ^¾	0.27	(50)	-18.7	Wyoming	7.0	0.70	(39)	-6.7
Missouri	7.3	0.20	(35)	-2.7					

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

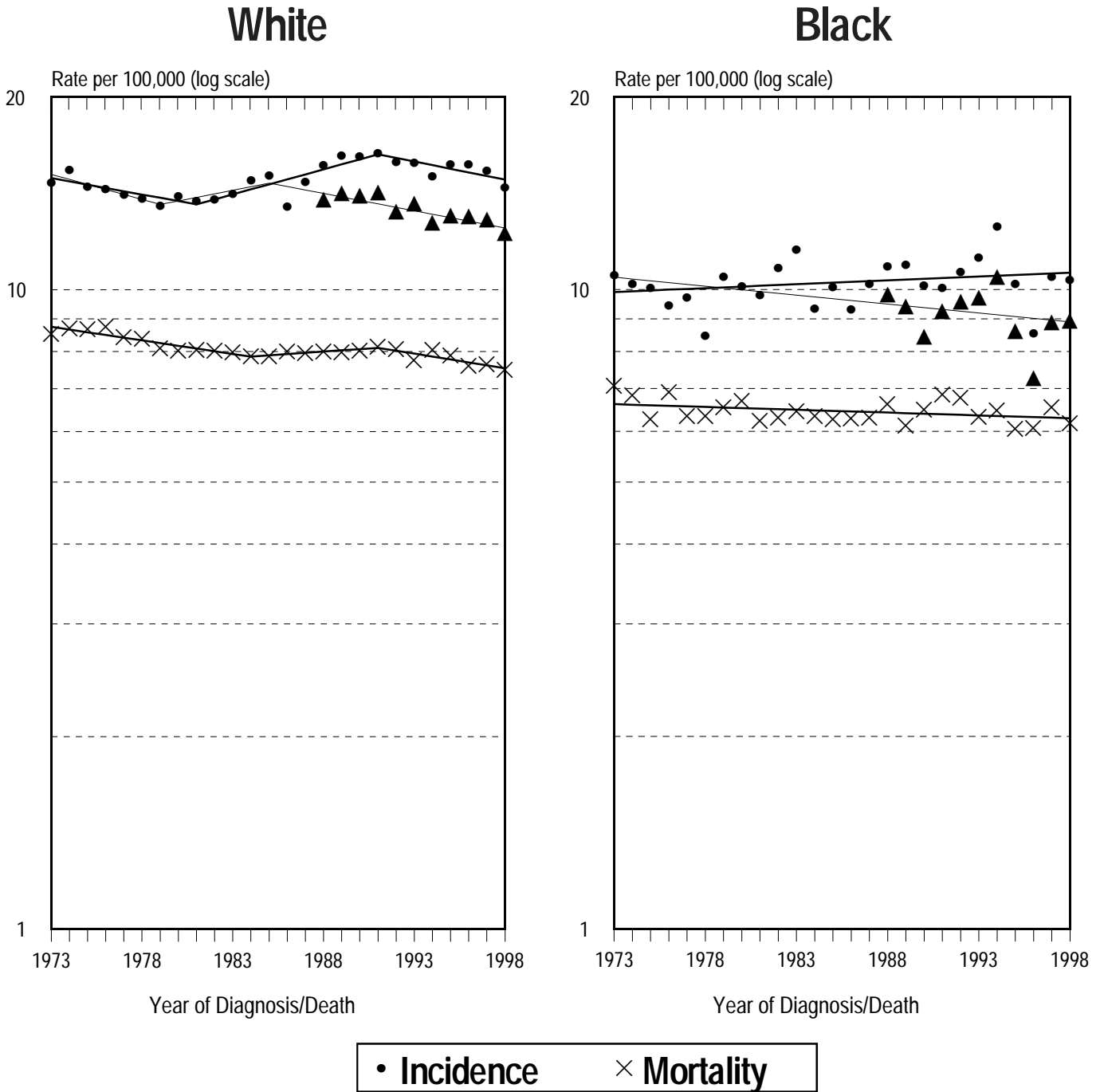
SE Standard error of the rate.

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.

^¾ Difference between state rate and total U.S. rate is statistically significant ($p < .0002$).

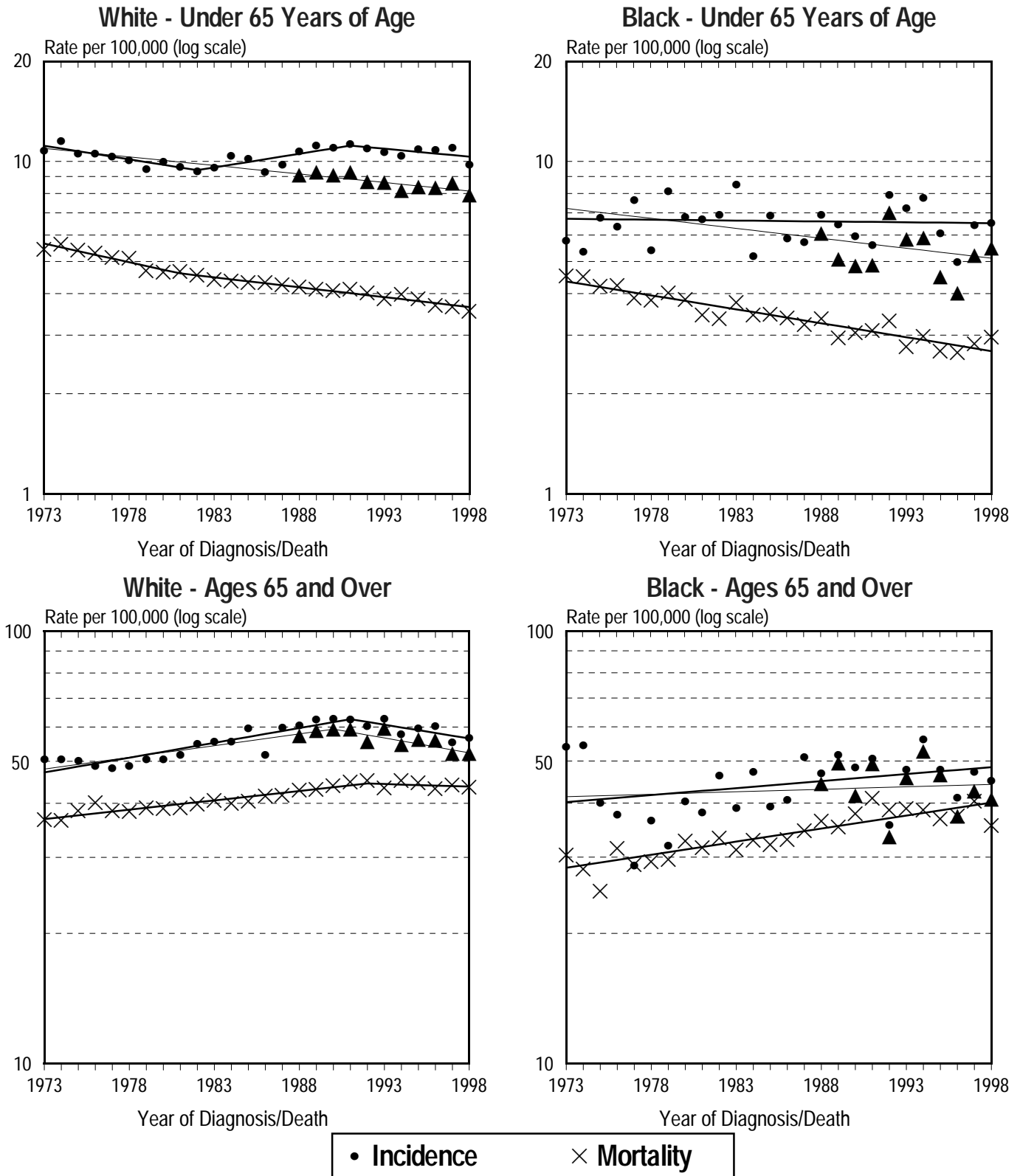
SEER Incidence and U.S. Mortality Rates⁺ Ovary By Race



⁺ 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.