

Table 21.1
Cancer of the Ovary (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2010 With up to Five Joinpoints, 1992-2010 With up to Three Joinpoints,
All Ages by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-10	2006-10
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2010</u>														
All Races	1975-87	0.1	1987-10	-0.9*									-0.9*	-0.9*
White	1975-87	0.2	1987-10	-0.9*									-0.9*	-0.9*
Black	1975-10	-0.4*											-0.4*	-0.4*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2010</u>														
All Races	1992-10	-0.9*											-0.9*	-0.9*
White	1992-97	-1.1*	1997-01	0.5	2001-04	-3.1	2004-10	-0.3					-1.2	-0.3
Black	1992-10	-0.4											-0.4	-0.4
<u>SEER 9 Observed Incidence^a, 1975-2010</u>														
All Races	1975-89	0.0	1989-10	-1.0*									-1.0*	-1.0*
White	1975-89	0.1	1989-10	-1.0*									-1.0*	-1.0*
Black	1975-10	-0.5*											-0.5*	-0.5*
<u>SEER 13 Observed Incidence^b, 1992-2010</u>														
All Races	1992-10	-1.0*											-1.0*	-1.0*
White	1992-97	-1.1*	1997-01	0.5	2001-04	-3.0	2004-10	-0.7					-1.5*	-0.7
White NH ^{ef}	1992-10	-1.0*											-1.0*	-1.0*
Black	1992-10	-0.6											-0.6	-0.6
Black NH ^{ef}	1992-10	-0.5											-0.5	-0.5
API ^e	1992-10	-0.5											-0.5	-0.5
AI/AN ^{eg}	1992-10	0.1											0.1	0.1
Hispanic ^f	1992-10	-0.4											-0.4	-0.4
<u>U.S. Cancer Mortality^c, 1975-2010</u>														
All Races	1975-82	-1.2*	1982-92	0.3*	1992-98	-1.2*	1998-02	1.0	2002-10	-1.9*			-1.6*	-1.9*
White	1975-81	-1.4*	1981-94	0.2	1994-98	-1.7	1998-02	1.3	2002-10	-1.9*			-1.6*	-1.9*
Black	1975-92	0.4*	1992-10	-0.9*									-0.9*	-0.9*
<u>U.S. Cancer Mortality^c, 1992-2010</u>														
All Races	1992-98	-1.2*	1998-02	1.0	2002-10	-1.9*							-1.6*	-1.9*
White	1992-98	-1.1*	1998-02	1.1	2002-10	-1.9*							-1.6*	-1.9*
White NH ^{ef}	1992-98	-0.9*	1998-02	1.3	2002-10	-1.9*							-1.6*	-1.9*
Black	1992-10	-0.9*											-0.9*	-0.9*
Black NH ^{ef}	1992-10	-0.7*											-0.7*	-0.7*
API ^e	1992-10	0.0											0.0	0.0
AI/AN ^{eg}	1992-10	0.8											0.8	0.8
Hispanic ^f	1992-10	-0.5*											-0.5*	-0.5*

Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. (<http://surveillance.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 (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^b Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f 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 are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, SC, OK and VT.

^g Data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* The APC/AAPC is significantly different from zero ($p < .05$).

- Joinpoint regression line analysis could not be performed on data series.