

Table 21.2  
Cancer of the Ovary (Invasive)

Trends in SEER Incidence<sup>ab</sup> and U.S. Mortality<sup>c</sup> Using the Joinpoint Regression Program,  
1975-2010 With up to Five Joinpoints, 1992-2010 With up to Three Joinpoints,  
Ages <65 by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC <sup>d</sup>	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-10	2006-10
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2010</u>														
All Races	1975-10	-1.1*											-1.1*	-1.1*
White	1975-10	-1.1*											-1.1*	-1.1*
Black	1975-10	-1.0*											-1.0*	-1.0*
<u>SEER 13 Delay-Adjusted Incidence<sup>b</sup>, 1992-2010</u>														
All Races	1992-10	-0.8*											-0.8*	-0.8*
White	1992-10	-0.9*											-0.9*	-0.9*
Black	1992-10	-0.4											-0.4	-0.4
<u>SEER 9 Observed Incidence<sup>a</sup>, 1975-2010</u>														
All Races	1975-10	-1.1*											-1.1*	-1.1*
White	1975-10	-1.1*											-1.1*	-1.1*
Black	1975-10	-1.0*											-1.0*	-1.0*
<u>SEER 13 Observed Incidence<sup>b</sup>, 1992-2010</u>														
All Races	1992-10	-1.0*											-1.0*	-1.0*
White	1992-10	-1.0*											-1.0*	-1.0*
White NH <sup>ef</sup>	1992-10	-1.2*											-1.2*	-1.2*
Black	1992-10	-0.5											-0.5	-0.5
Black NH <sup>ef</sup>	1992-10	-0.5											-0.5	-0.5
API <sup>e</sup>	1992-10	-0.4											-0.4	-0.4
AI/AN <sup>eg</sup>	1992-10	-2.0											-2.0	-2.0
Hispanic <sup>f</sup>	1992-10	-0.1											-0.1	-0.1
<u>U.S. Cancer Mortality<sup>c</sup>, 1975-2010</u>														
All Races	1975-80	-3.2*	1980-99	-1.6*	1999-02	0.6	2002-10	-2.8*					-2.4*	-2.8*
White	1975-80	-3.3*	1980-99	-1.5*	1999-02	0.6	2002-10	-2.8*					-2.4*	-2.8*
Black	1975-89	-2.1*	1989-10	-1.1*									-1.1*	-1.1*
<u>U.S. Cancer Mortality<sup>c</sup>, 1992-2010</u>														
All Races	1992-98	-2.3*	1998-02	0.6	2002-10	-2.8*							-2.4*	-2.8*
White	1992-98	-2.2*	1998-02	0.6	2002-10	-2.8*							-2.4*	-2.8*
White NH <sup>ef</sup>	1992-05	-1.0*	2005-10	-3.4*									-2.3*	-3.4*
Black	1992-10	-1.1*											-1.1*	-1.1*
Black NH <sup>ef</sup>	1992-03	0.0	2003-10	-2.6*									-2.0*	-2.6*
API <sup>e</sup>	1992-10	-1.3*											-1.3*	-1.3*
AI/AN <sup>eg</sup>	1992-10	-1.4											-1.4	-1.4
Hispanic <sup>f</sup>	1992-10	-0.8*											-0.8*	-0.8*

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).

<sup>a</sup> Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

<sup>c</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>d</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

<sup>f</sup> 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.

<sup>g</sup> 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.