

Table 21.1
Cancer of the Ovary (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2014 With up to Five Joinpoints, 1992-2014 With up to Four 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	2005-14	2010-14
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2014</u>														
All Races	1975-85	0.2	1985-01	-0.7*	2001-14	-1.3*							-1.3*	-1.3*
White	1975-81	-0.9	1981-84	2.6	1984-10	-0.9*	2010-14	-2.7*					-1.7*	-2.7*
Black	1975-14	-0.4*											-0.4*	-0.4*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2014</u>														
All Races	1992-12	-0.9*	2012-14	-3.6									-1.5*	-2.3
White	1992-97	-1.2	1997-01	0.5	2001-04	-3.1	2004-10	-0.3	2010-14	-2.8*			-1.4*	-2.8*
Black	1992-14	-0.4											-0.4	-0.4
<u>SEER 9 Observed Incidence^a, 1975-2014</u>														
All Races	1975-87	0.1	1987-10	-0.9*	2010-14	-3.1*							-1.9*	-3.1*
White	1975-89	0.1	1989-10	-1.0*	2010-14	-3.1*							-1.9*	-3.1*
Black	1975-14	-0.5*											-0.5*	-0.5*
<u>SEER 13 Observed Incidence^b, 1992-2014</u>														
All Races	1992-12	-1.0*	2012-14	-4.7									-1.8*	-2.9*
White	1992-97	-1.2	1997-01	0.5	2001-04	-3.1	2004-10	-0.3	2010-14	-3.3*			-1.7*	-3.3*
White NH ^{ef}	1992-09	-0.9*	2009-14	-2.7*									-1.9*	-2.7*
Black	1992-14	-0.5*											-0.5*	-0.5*
Black NH ^{ef}	1992-14	-0.5*											-0.5*	-0.5*
API ^e	1992-14	-0.5*											-0.5*	-0.5*
AI/AN ^{eg}	1992-14	-0.5											-0.5	-0.5
Hispanic ^f	1992-14	-0.5*											-0.5*	-0.5*
<u>U.S. Cancer Mortality^c, 1975-2014</u>														
All Races	1975-82	-1.2*	1982-92	0.3*	1992-98	-1.2*	1998-03	0.6	2003-14	-2.2*			-2.2*	-2.2*
White	1975-81	-1.5*	1981-92	0.3*	1992-98	-1.0*	1998-03	0.6	2003-14	-2.2*			-2.2*	-2.2*
Black	1975-93	0.4*	1993-14	-1.0*									-1.0*	-1.0*
<u>U.S. Cancer Mortality^c, 1992-2014</u>														
All Races	1992-98	-1.2*	1998-03	0.6	2003-14	-2.2*							-2.2*	-2.2*
White	1992-98	-1.1*	1998-03	0.7	2003-14	-2.2*							-2.2*	-2.2*
White NH ^{ef}	1992-05	-0.2*	2005-14	-2.4*									-2.4*	-2.4*
Black	1992-14	-1.1*											-1.1*	-1.1*
Black NH ^{ef}	1992-14	-1.0*											-1.0*	-1.0*
API ^e	1992-14	-0.5*											-0.5*	-0.5*
AI/AN ^{eg}	1992-14	-0.2											-0.2	-0.2
Hispanic ^f	1992-14	-0.7*											-0.7*	-0.7*

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

Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. (<https://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 New Hampshire and Oklahoma.

^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.