

Table 22.3
Cancer of the Pancreas (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 With up to Three Joinpoints,
Females 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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-84	1.4*	1984-96	-0.5	1996-16	1.0*							1.0*	1.0*
White	1975-84	1.3*	1984-97	-0.5	1997-16	1.2*							1.2*	1.2*
Black	1975-16	0.1											0.1	0.1
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-16	0.7*											0.7*	0.7*
White	2000-16	0.9*											0.9*	0.9*
White NH ^{ef}	2000-16	0.9*											0.9*	0.9*
Black	2000-16	0.2											0.2	0.2
Black NH ^{ef}	2000-16	0.3											0.3	0.3
API ^e	2000-16	0.6*											0.6*	0.6*
AI/AN ^{eg}	2000-16	-1.8											-1.8	-1.8
Hispanic ^f	2000-16	0.4*											0.4*	0.4*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-84	0.8*	1984-03	0.1	2003-06	1.0	2006-16	0.0					0.0	0.0
White	1975-93	0.4*	1993-97	-0.6	1997-08	0.6*	2008-16	0.1					0.1	0.1
Black	1975-86	2.5*	1986-16	-0.3*									-0.3*	-0.3*
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-16	0.2*											0.2*	0.2*
White	2000-16	0.3*											0.3*	0.3*
White NH ^{ef}	2000-16	0.4*											0.4*	0.4*
Black	2000-16	-0.3*											-0.3*	-0.3*
Black NH ^{ef}	2000-16	-0.2											-0.2	-0.2
API ^e	2000-16	0.2											0.2	0.2
AI/AN ^{eg}	2000-16	0.2											0.2	0.2
Hispanic ^f	2000-16	0.0											0.0	0.0

Joinpoint Regression Program Version 4.7, February 2019, 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 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

^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.

^g Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

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