

Table 22.2
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,
Males 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	1975-93	-0.8*	1993-03	0.2	2003-06	3.0	2006-16	0.3					0.3	0.3
White	1975-94	-1.0*	1994-16	0.9*									0.9*	0.9*
Black	1975-16	-0.3*											-0.3*	-0.3*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-09	1.2*	2009-16	0.4*									0.6*	0.4*
White	2000-16	0.9*											0.9*	0.9*
White NH ^{ef}	2000-16	1.1*											1.1*	1.1*
Black	2000-16	0.4*											0.4*	0.4*
Black NH ^{ef}	2000-16	0.5*											0.5*	0.5*
API ^e	2000-16	0.6*											0.6*	0.6*
AI/AN ^{eg}	2000-16	2.2											2.2	2.2
Hispanic ^f	2000-16	0.5											0.5	0.5
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-86	-0.8*	1986-00	-0.3*	2000-16	0.3*							0.3*	0.3*
White	1975-86	-1.0*	1986-96	-0.3*	1996-16	0.3*							0.3*	0.3*
Black	1975-92	0.5*	1992-01	-1.5*	2001-16	-0.3*							-0.3*	-0.3*
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-16	0.3*											0.3*	0.3*
White	2000-16	0.4*											0.4*	0.4*
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	-0.3*											-0.3*	-0.3*
API ^e	2000-16	0.1											0.1	0.1
AI/AN ^{eg}	2000-05	10.0	2005-16	-0.7									-0.7	-0.7
Hispanic ^f	2000-16	0.1											0.1	0.1

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.