

Table 22.15
Cancer of the Pancreas (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.4	14.0	11.0	0.8*	1.0	0.7*	0.8*	1.1	1.3*
White	12.3	14.0	10.8	0.9*	0.8*	1.0*	1.1*	1.1*	1.3*
White Hispanic ^e	11.5	12.4	10.7	0.6*	0.8*	0.3	-	-	-
White Non-Hispanic ^e	12.4	14.3	10.9	1.1*	0.8*	0.8*	-	-	-
Black	15.7	17.2	14.4	0.0	-0.4	-0.1	-0.1	-0.5*	0.2
Asian/Pacific Islander	9.9	10.8	9.3	0.7*	0.0	1.3*	-	-	-
Amer Ind/Alaska Nat ^f	9.9	11.1	8.9	-0.3	2.3*	0.8	-	-	-
Hispanic ^e	11.1	11.9	10.3	0.6*	0.8*	0.3	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	10.9	12.6	9.6	0.3*	0.3*	0.4*			
White	10.8	12.5	9.4	0.5*	0.4*	0.5*			
White Hispanic ^e	9.1	10.3	8.1	0.5*	0.4*	0.5*			
White Non-Hispanic ^e	11.0	12.7	9.5	0.5*	0.4*	0.4*			
Black	13.5	15.0	12.3	-0.4*	-0.6*	-0.4*			
Asian/Pacific Islander	7.8	8.4	7.3	0.5*	0.4	0.7*			
Amer Ind/Alaska Nat									
Total U.S.	6.3	7.0	5.7	0.3	1.1	-0.2			
CHSDA Counties	8.5	9.3	7.8	1.5*	-0.1	1.1			
Non-CHSDA Counties	3.8	4.5	3.2	-1.7*	-0.5	-2.5*			
Hispanic ^e	8.7	9.8	7.7	0.4*	0.3	0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

d The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

e 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 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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