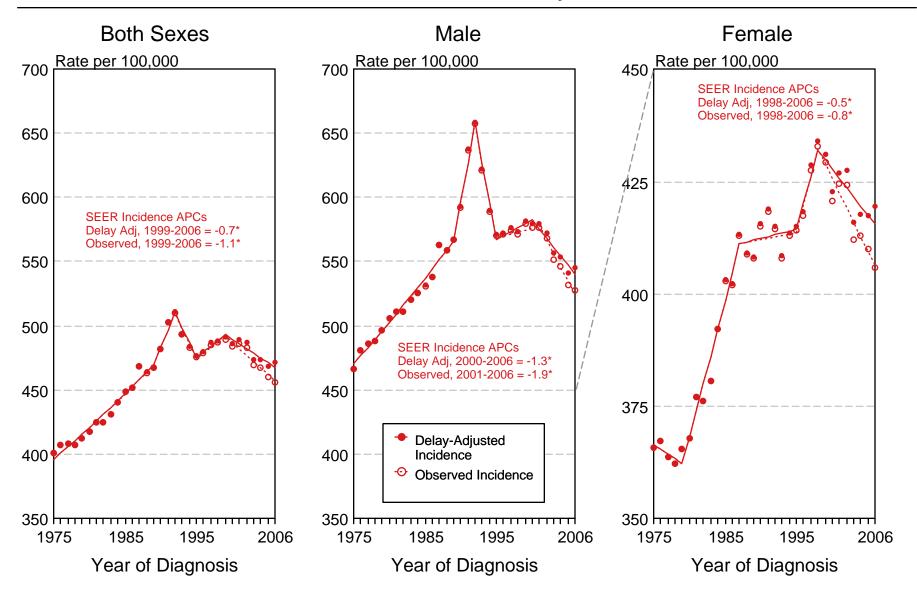
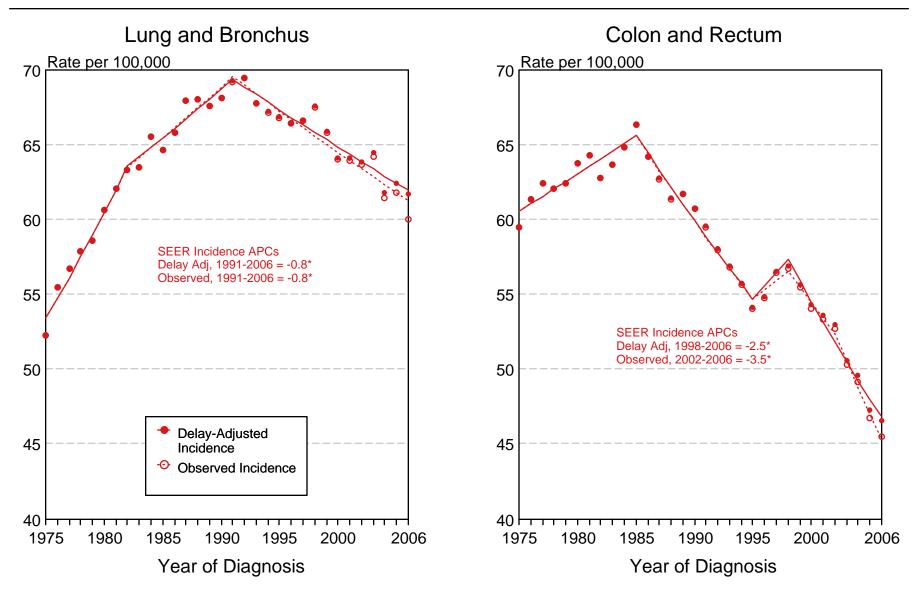
SEER Observed Incidence and Delay Adjusted Incidence Rates^a All Cancer Sites, By Sex



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

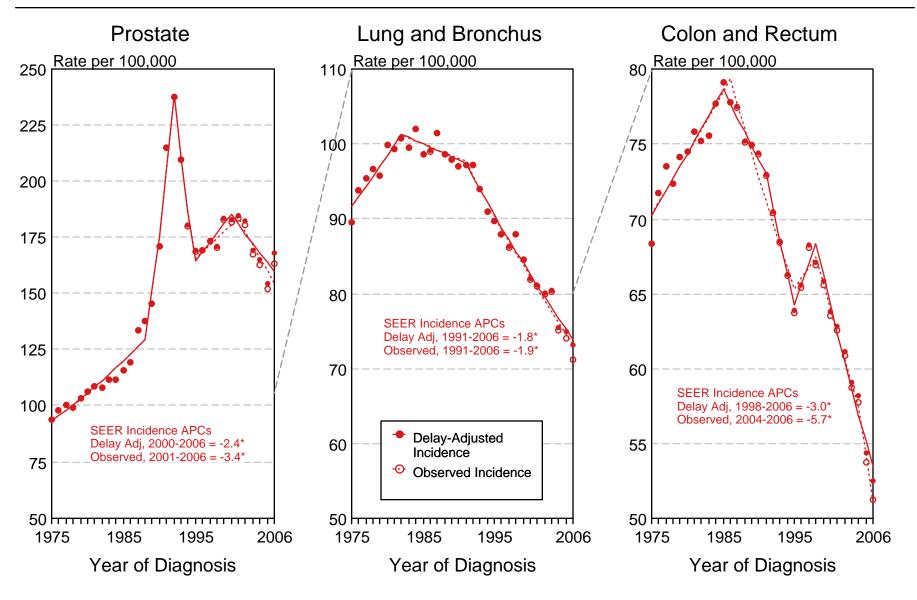
SEER Observed Incidence and Delay Adjusted Incidence Rates^a Both Sexes



a Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

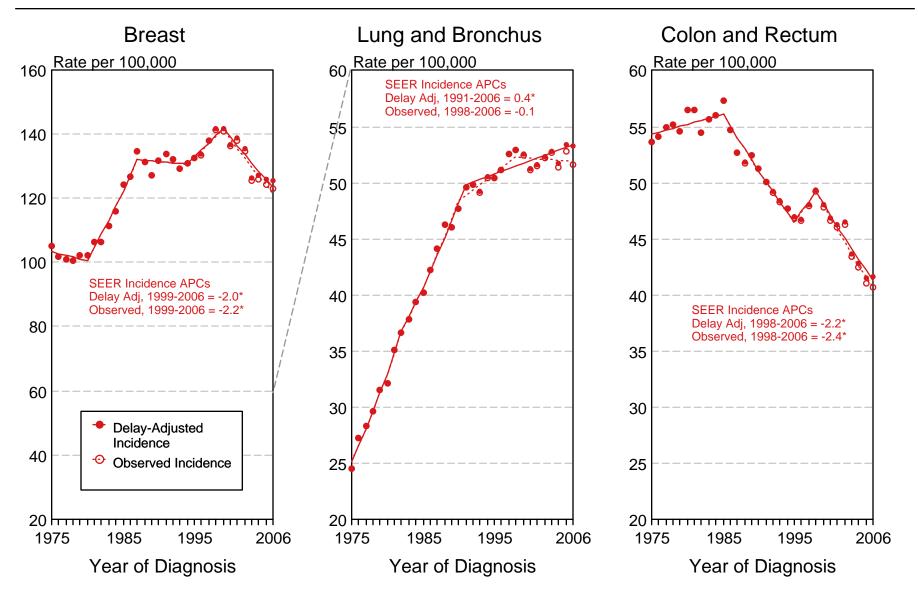
SEER Observed Incidence and Delay Adjusted Incidence Rates^a Males



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence and Delay Adjusted Incidence Rates^a Females



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 2.1 All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 7	rend 1	Joinpoint 1	Trend 2	Joinpoint 7	Frend 3	Joinpoint '	Trend 4	Joinpoint '	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	lenceª, 19	975-2006									
All Races	1975-1989	1.2*	1989-1992	2.8	1992-1995	-2.4	1995-1999	0.9	1999-2006	-0.7*	-0.4*	-0.7*
White	1975-1982	0.9*	1982-1992	1.8*	1992-1995	-2.1	1995-1999	1.2	1999-2006	-0.7*	-0.3	-0.7*
Black	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.3*	1992-2006	-0.9*			-0.9*	-0.9*
SEER 13 Delay-	Adjusted Inci	dence ^b , 1	1992-2006									
All Races	1992-1994	-3.2*	1994-1999	0.4	1999-2006	-0.9*					-0.6*	-0.9*
White	1992-1994	-3.3*	1994-1999	0.7	1999-2006	-0.8*					-0.5*	-0.8*
Black	1992-2004	-0.7*	2004-2006	-2.6							-1.1*	-1.6*
SEER 9 Observe	d Incidencea,	1975-200	<u>)6</u>									
All Races	1975-1989	1.2*	1989-1992	2.8*	1992-1995	-2.4	1995-1999	1.0	1999-2006	-1.1*	-0.6*	-1.1*
White	1975-1982	0.9*	1982-1992	1.8*	1992-1995	-2.0	1995-2000	0.8*	2000-2006	-1.2*	-0.6*	-1.2*
Black	1975-1984	1.6*	1984-1989	0.4	1989-1992	4.2*	1992-2004	-0.9*	2004-2006	-3.0	-1.4*	-2.0*
SEER 13 Observe	ed Incidence ^b	, 1992-20	006									
All Races	1992-1994	-2.9*	1994-2001	0.1	2001-2006	-1.6*					-0.8*	-1.6*
White	1992-1994	-3.0*	1994-2001	0.3	2001-2006	-1.6*					-0.8*	-1.6*
White NH ^{ef}	1992-1994	-3.0*	1994-2001	0.4*	2001-2006	-1.5*					-0.6*	-1.5*
Black	1992-2004	-0.8*	2004-2006	-3.8*							-1.5*	-2.3*
Black NH ^{ef}	1992-2004	-0.8*	2004-2006	-3.6*							-1.4*	-2.2*
API ^e	1992-1995	-1.9	1995-2002	0.0	2002-2006	-1.9*					-0.9*	-1.9*
AI/AN ^{eg}	1992-2006	0.1									0.1	0.1
Hispanic ^e	1992-2006	-0.6*									-0.6*	-0.6*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 2.2 All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 7	Trend 2	Joinpoint 5	Frend 3	Joinpoint '	Trend 4	Joinpoint '	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	dence ^a , 1	975-2006									
All Races	1975-1989	1.3*	1989-1992	5.2*	1992-1995	-4.9*	1995-2000	0.5	2000-2006	-1.3*	-0.7*	-1.3*
White	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.0*	1995-2001	0.6*	2001-2006	-1.5*	-0.6*	-1.5*
Black	1975-1981	2.8*	1981-1989	0.7	1989-1992	6.9*	1992-2006	-1.7*			-1.7*	-1.7*
SEER 13 Delay-	Adjusted Inc:	idence ^b ,	1992-2006									
All Races	1992-1995	-4.4*	1995-2001	0.1	2001-2006	-1.7*					-0.9*	-1.7*
White	1992-1994	-6.7*	1994-2001	0.0	2001-2006	-1.5*					-0.8*	-1.5*
Black	1992-2004	-1.5*	2004-2006	-4.9							-2.2*	-3.2*
SEER 9 Observed	d Incidence ^a ,	1975-20	06									
All Races	1975-1989	1.3*	1989-1992	5.1*	1992-1995	-4.8*	1995-2001	0.3	2001-2006	-1.9*	-0.9*	-1.9*
White	1975-1989	1.4*	1989-1992	5.0*	1992-1995	-5.1*	1995-2001	0.5*	2001-2006	-2.0*	-0.9*	-2.0*
Black	1975-1981	2.8*	1981-1989	0.6	1989-1992	6.7*	1992-2004	-1.7*	2004-2006	-4.7*	-2.4*	-3.2*
SEER 13 Observe	ed Incidence ^k	, 1992-2	006									
All Races	1992-1995	-4.5*	1995-2001	0.1	2001-2006	-2.1*					-1.1*	-2.1*
White	1992-1994	-6.7*	1994-2001	-0.1	2001-2006	-1.9*					-1.1*	-1.9*
White NH ^{ef}	1992-1994	-6.8*	1994-2001	0.1	2001-2006	-1.8*					-1.0*	-1.8*
Black	1992-2004	-1.6*	2004-2006	-6.2*							-2.6*	-3.9*
Black NH ^{ef}	1992-2004	-1.6*	2004-2006	-5.9*							-2.6*	-3.7*
API ^e	1992-1996	-2.7*	1996-2001	0.2	2001-2006	-2.1*					-1.1*	-2.1*
AI/AN ^{eg}	1992-2006	-1.0									-1.0*	-1.0*
Hispanic ^e	1992-2004	-0.8*	2004-2006	-4.7							-1.7*	-2.8*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- 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.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 2.3 All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	Trend 2	Joinpoint 5	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	ence ^a , 19	75-2006									
All Races	1975-1979	-0.3	1979-1987	1.6*	1987-1995	0.1	1995-1998	1.4	1998-2006	-0.5*	-0.3	-0.5*
White	1975-1979	-0.2	1979-1987	1.7*	1987-1995	0.1	1995-1998	1.7	1998-2006	-0.5*	-0.2	-0.5*
Black	1975-1991	1.1*	1991-2006	0.0							0.0	0.0
SEER 13 Delay-	Adjusted Inci	dence ^b , 1	992-2006									
All Races	1992-1998	0.8*	1998-2006	-0.6*							-0.5*	-0.6*
White	1992-1998	1.0*	1998-2006	-0.6*							-0.4*	-0.6*
Black	1992-2006	0.0									0.0	0.0
SEER 9 Observed	d Incidenceª,	1975-200	6									
All Races	1975-1979	-0.3	1979-1987	1.6*	1987-1995	0.1	1995-1998	1.5	1998-2006	-0.8*	-0.5*	-0.8*
White	1975-1979	-0.2	1979-1987	1.7*	1987-1995	0.1	1995-1998	1.8	1998-2006	-0.8*	-0.5*	-0.8*
Black	1975-1991	1.1*	1991-2006	-0.1							-0.1	-0.1
SEER 13 Observe	ed Incidenceb	, 1992-20	06									
All Races	1992-1998	0.8*	1998-2006	-0.9*							-0.7*	-0.9*
White	1992-1994	-0.4	1994-1998	1.5*	1998-2006	-0.9*					-0.7*	-0.9*
White NH ^{ef}	1992-1994	-0.1	1994-1998	1.6*	1998-2006	-0.8*					-0.6*	-0.8*
Black	1992-2006	-0.2									-0.2	-0.2
Black NH ^{ef}	1992-2006	-0.2									-0.2	-0.2
API ^e	1992-2002	0.4	2002-2006	-1.5							-0.4	-1.5
AI/AN ^{eg}	1992-2006	1.1*									1.1*	1.1*
Hispanic ^e	1992-2006	-0.2									-0.2	-0.2

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

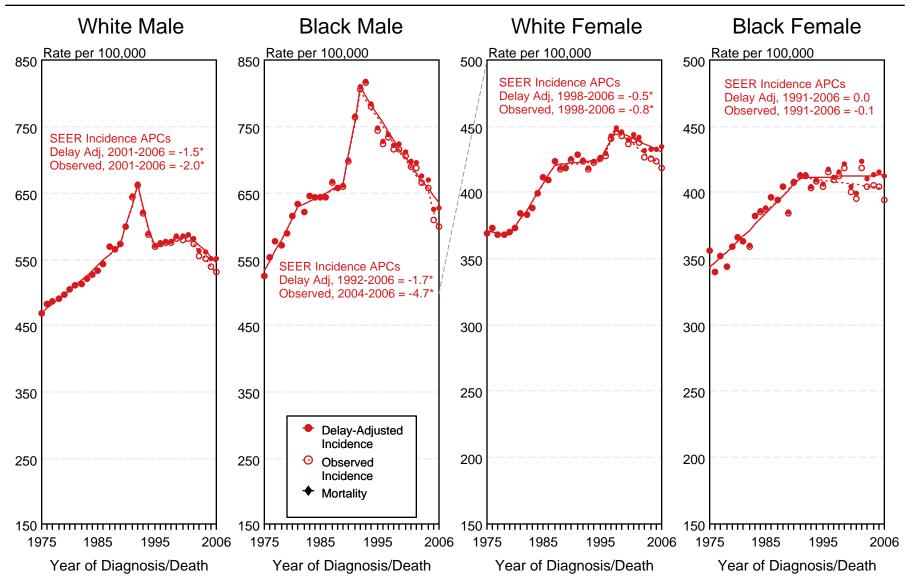
APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a All Cancer Sites, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

Figure 2

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a All Cancer Sites, Under 65 Years of Age, by Race and Sex

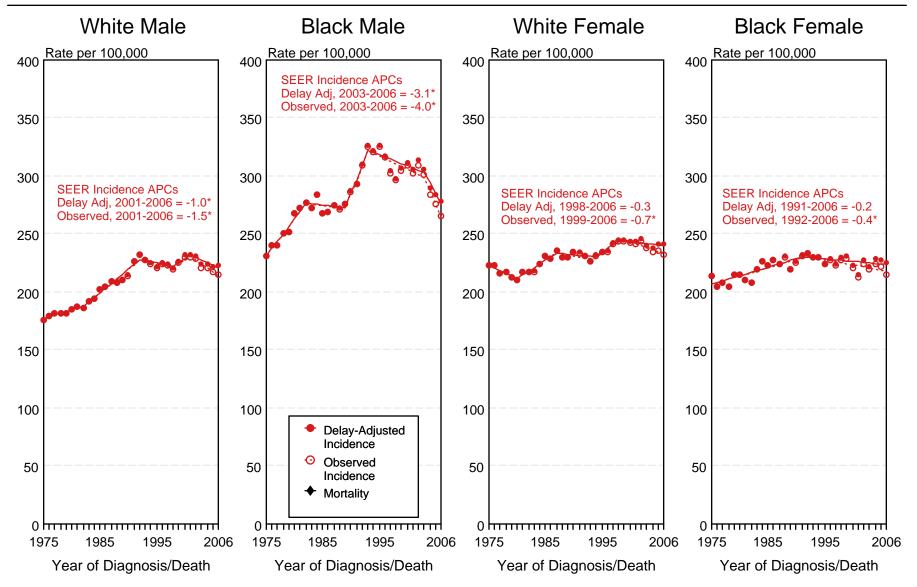
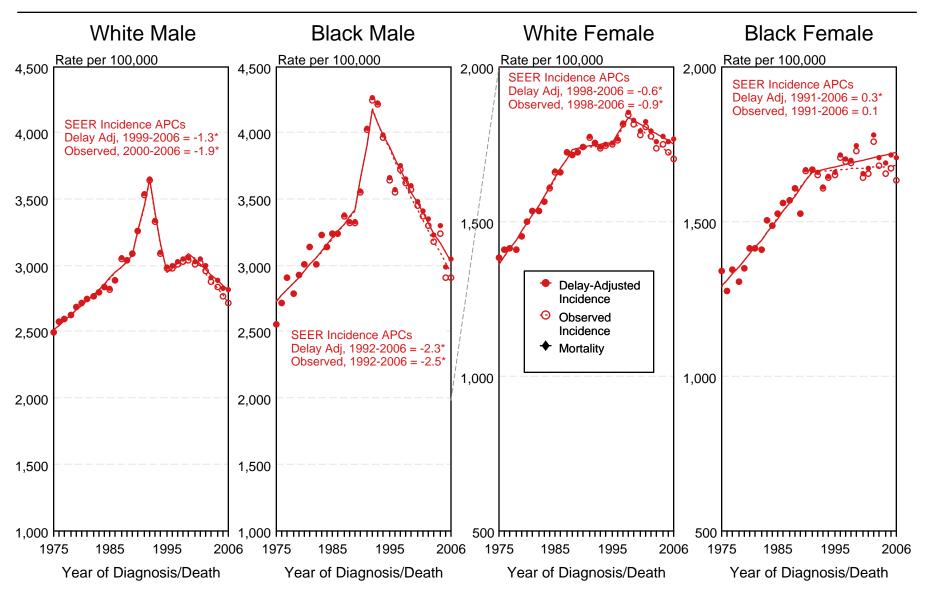


Figure 2.2

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a All Cancer Sites, Ages 65 and Over, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 3.1 Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T		Joinpoint 1		Joinpoint :		Joinpoint		Joinpoint		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	dencea, 1	975-2006									
All Races	1975-1987	1.5*	1987-2006	-0.2							-0.2*	-0.2*
White	1975-1987	1.6*	1987-2006	0.0							0.0	0.0
Black	1975-2006	0.3									0.3	0.3
SEER 13 Delay-	-Adjusted Inci	denceb,	1992-2006									
All Races	1992-2006	-0.2									-0.2	-0.2
White	1992-2006	0.0									0.0	0.0
Black	1992-2006	0.1									0.1	0.1
SEER 9 Observe	ed Incidencea.	1975-20	06									
All Races	1975-1988	1.4*	1988-2006	-0.4*							-0.4*	-0.4*
White	1975-1988	1.5*		-0.2							-0.2	-0.2
Black	1975-2006	0.2									0.2	0.2
SEER 13 Observ	red Incidenceb	1992-2	006									
All Races	1992-2006	-0.4*	<u> </u>								-0.4*	-0.4*
White	1992-2006	-0.2									-0.2	-0.2
White NH ^{ef}	1992-2006	-0.1									-0.1	-0.1
Black	1992-2006	-0.2									-0.2	-0.2
Black NH ^{ef}	1992-2006	-0.2									-0.2	-0.2
API ^e	1992-2000	-2.5*	2000-2003	6.9	2003-2006	-9.1*					-1.8	-5.3
AI/AN ^{eg}	1992-2006	4.9*									4.9*	4.9*
Hispanic ^e	1992-2006	0.3									0.3	0.3
U.S. Cancer Mo All Races White Black	ortality ^c , 197	<u>5-2006</u>										
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^e	ortality ^c , 199	<u>2-2006</u>										

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 3.2 Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2006									
All Races	1975-1991	1.0*	1991-2006	-0.5*							-0.5*	-0.5*
White	1975-1991	1.2*	1991-2006	-0.3							-0.3	-0.3
Black	1975-2006	0.0									0.0	0.0
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-0.4*									-0.4*	-0.4*
White	1992-2006	-0.2									-0.2	-0.2
Black	1992-2006	0.0									0.0	0.0
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1991	1.1*	1991-2006	-0.7*							-0.7*	-0.7*
White	1975-1991	1.2*	1991-2006	-0.5*							-0.5*	-0.5*
Black	1975-2006	-0.1									-0.1	-0.1
SEER 13 Observ	red Incidence ^k	°, 1992-2	006									
All Races	1992-2006	-0.6*									-0.6*	-0.6*
White	1992-2006	-0.4									-0.4*	-0.4*
White NH ^{ef}	1992-2006	-0.4									-0.4	-0.4
Black	1992-2006	-0.3									-0.3	-0.3
Black NH ^{ef}	1992-2006	-0.3									-0.3	-0.3
API ^e	1992-2006	-1.2									-1.2	-1.2
AI/AN ^{eg}	1992-2006	1.0									1.0	1.0
Hispanic ^e	1992-2006	1.0									1.0	1.0
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
_			Vergion 2 2									

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 3.3 Cancer of the Brain and Other Nervous System (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	<u>Joinpoint T</u> Years	Trend 1 APC	<u>Joinpoint :</u> Years	Frend 2 APC	<u>Joinpoint</u> Years	Trend 3 APC	<u>Joinpoint T</u> Years	rend 4	<u>Joinpoint'</u> Years	Trend 5 APC	<u>AA</u> 1	PC ^d 2002-2006
SEER 9 Delay-A				111 0	ICCLD	711 0	ICCLD	711 0	rearb	711 0	1997 2000	2002 2000
All Races White Black	1975-1987 1975-1984 1975-2006	1.6* 1.2* 0.6	1987-2006 1984-1987	-0.1 4.6	1987-1995	-1.3*	1995-2004	1.1*	2004-2006	-4.9	-0.1 -0.3 0.6	-0.1 -2.0 0.6
SEER 13 Delay- All Races White Black	- <u>Adjusted Inci</u> 1992-2006 1992-2006 1992-2006	0.0 0.1 0.2	<u>1992-2006</u>								0.0 0.1 0.2	0.0 0.1 0.2
SEER 9 Observe All Races White Black	ed Incidence ^a , 1975-1987 1975-1984 1975-2006	1975-200 1.6* 1.2* 0.5	06 1987-2006 1984-1987	-0.3 4.5	1987-1995	-1.3*	1995-2004	0.9	2004-2006	-6.2	-0.3 -0.7 0.5	-0.3 -2.7 0.5
SEER 13 Observed All Races White White NHef Black Black NHef APIe AI/ANeg Hispanice U.S. Cancer Mc All Races White Black	1992-2006 1992-2006 1992-2006 1992-2006 1992-2006 1992-2006	-0.2 -0.1 0.2 -0.1 -0.1 -0.5 -	<u>006</u>								-0.2 -0.1 0.2 -0.1 -0.1 -0.5 -	-0.2 -0.1 0.2 -0.1 -0.1 -0.5 -
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^e	ortality ^c , 199	<u>2-2006</u>										

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

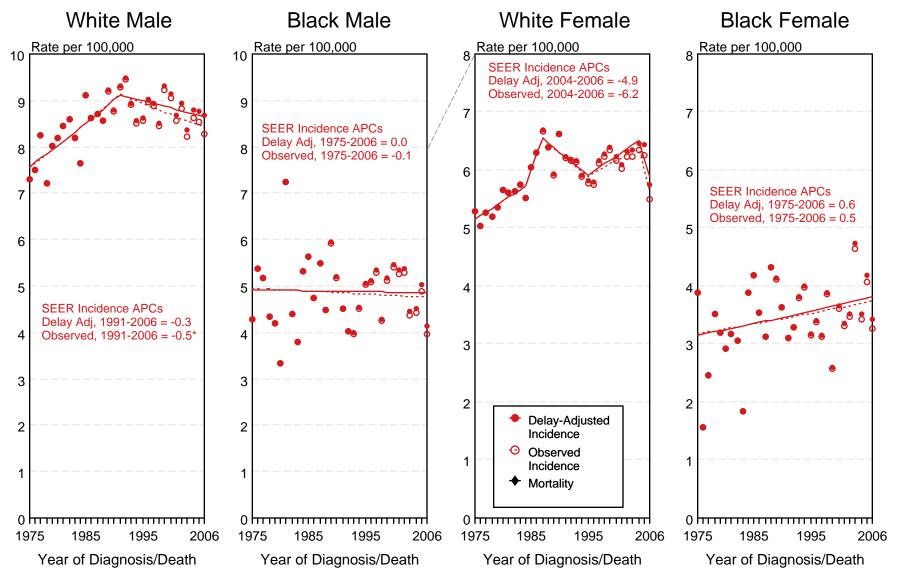
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Brain and Other Nervous System, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 4.1 Cancer of the Female Breast (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 5	Trend 2	Joinpoint 5	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	5Cq
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	denceª, 19	975-2006									
All Races	1975-1980	-0.5	1980-1987	4.0*	1987-1994	-0.1	1994-1999	1.6*	1999-2006	-2.0*	-1.2*	-2.0*
White	1975-1980	-0.5	1980-1987	4.1*	1987-1994	-0.2	1994-1999	1.9*	1999-2006	-2.2*	-1.3*	-2.2*
Black	1975-1992	2.3*	1992-2006	-0.2							-0.2	-0.2
SEER 13 Delay-A	Adjusted Inc	idence ^b , 1	1992-2006									
All Races	1992-1999	1.3*	1999-2006	-2.0*							-1.3*	-2.0*
White	1992-1999	1.5*	1999-2006	-2.2*							-1.4*	-2.2*
Black	1992-2006	-0.1									-0.1	-0.1
SEER 9 Observed	d Incidencea,	1975-200	06									
All Races	1975-1980	-0.5	1980-1987	4.0*	1987-1994	-0.2	1994-1999	1.6*	1999-2006	-2.2*	-1.3*	-2.2*
White	1975-1980	-0.5	1980-1987	4.1*	1987-1994	-0.2	1994-1999	1.9*	1999-2006	-2.3*	-1.4*	-2.3*
Black	1975-1992	2.3*	1992-2006	-0.3							-0.3	-0.3
SEER 13 Observe	ed Incidence	o, 1992-20	006									
All Races	1992-1999	1.2*	1999-2006	-2.2*							-1.4*	-2.2*
White	1992-1999	1.4*	1999-2006	-2.4*							-1.5*	-2.4*
White NH ^{ef}	1992-1999	1.6*	1999-2006	-2.3*							-1.5*	-2.3*
Black	1992-2006	-0.2									-0.2	-0.2
Black NH ^{ef}	1992-2006	-0.2									-0.2	-0.2
API ^e	1992-1994	-4.8	1994-1997	7.0	1997-2006	-0.8					-0.8*	-0.8*
AI/AN ^{eg}	1992-2006	-0.3									-0.3	-0.3
Hispanic ^e	1992-2006	0.0									0.0	0.0

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 4.2 Cancer of the Female Breast (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint Trend	1 Joinpoint	Trend 2	Joinpoint '	Trend 3	Joinpoint T	Trend 4	Joinpoint	Trend 5	AAI	5G _q
	Years AP	C Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incidence	a, 1975-2006									
All Races	1975-1980 -1.3		2.8*	1986-2006	-0.2					-0.2	-0.2
White	1975-1980 -1.3	1 1980-1986	2.8*	1986-2006	-0.2					-0.2*	-0.2*
Black	1975-1991 1.4	4* 1991-2006	-0.6*							-0.6*	-0.6*
SEER 13 Delay-	Adjusted Incidence	e ^b , 1992-2006									
All Races	1992-2006 -0.3	1								-0.1	-0.1
White	1992-2006 -0.3	1								-0.1	-0.1
Black	1992-2002 -1.4	4* 2002-2006	2.6							0.4	2.6
SEER 9 Observe	d Incidence ^a , 1975	5-200 <u>6</u>									
All Races	1975-1980 -1.4	1980-1986	2.9*	1986-2006	-0.2*					-0.2*	-0.2*
White	1975-1980 -1.3	1 1980-1986	2.8*	1986-2006	-0.2*					-0.2*	-0.2*
Black	1975-1991 1.4	4* 1991-2006	-0.8*							-0.8*	-0.8*
SEER 13 Observ	ed Incidence ^b , 199	92-2006									
All Races	1992-2006 -0.2	2								-0.2	-0.2
White	1992-1998 0.6	5 1998-2006	-0.7*							-0.5*	-0.7*
White NH ^{ef}	1992-1998 0.8	8* 1998-2006	-0.5*							-0.3	-0.5*
Black	1992-2006 -0.6	6*								-0.6*	-0.6*
Black NH ^{ef}	1992-2006 -0.6	6								-0.6	-0.6
API ^e	1992-2006 0.9	9*								0.9*	0.9*
AI/AN ^{eg}	1992-2006 0.									0.7	0.7
Hispanic ^e	1992-1994 -6.3	3* 1994-2000	2.2*	2000-2004	-2.9*	2004-2006	3.7*			0.2	0.4

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

 The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 4.3 Cancer of the Female Breast (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint 1	Trend 1	Joinpoint 5	Trend 2	Joinpoint :	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	lenceª, 19	975-2006									
All Races	1975-1982	0.9	1982-1987	5.3*	1987-1993	-0.3	1993-1999	1.9*	1999-2006	-2.5*	-1.5*	-2.5*
White	1975-1982	0.9	1982-1987	5.6*	1987-1993	-0.4	1993-1999	2.0*	1999-2006	-2.6*	-1.6*	-2.6*
Black	1975-1994	2.5*	1994-2006	-0.3							-0.3	-0.3
SEER 13 Delay-A	Adjusted Inci	denceb, 1	1992-2006									
All Races	1992-1999	1.6*	1999-2006	-2.5*							-1.6*	-2.5*
White	1992-1999	1.8*	1999-2006	-2.7*							-1.7*	-2.7*
Black	1992-2006	0.1									0.1	0.1
SEER 9 Observed	d Incidencea,	1975-200	06									
All Races	1975-1982	0.9	1982-1987	5.3*	1987-1993	-0.3	1993-1999	1.8*	1999-2006	-2.7*	-1.7*	-2.7*
White	1975-1982	0.9	1982-1987	5.5*	1987-1993	-0.4	1993-1999	2.0*	1999-2006	-2.8*	-1.8*	-2.8*
Black	1975-1995	2.3*	1995-2006	-0.6							-0.6	-0.6
SEER 13 Observe	ed Incidenceb	, 1992-20	006									
All Races	1992-1999	1.6*	1999-2006	-2.7*							-1.8*	-2.7*
White	1992-1999	1.8*	1999-2006	-2.9*							-1.9*	-2.9*
White NH ^{ef}	1992-1999	2.0*	1999-2006	-2.9*							-1.8*	-2.9*
Black	1992-2006	-0.1									-0.1	-0.1
Black NH ^{ef}	1992-2006	-0.1									-0.1	-0.1
API ^e	1992-1994	-5.5	1994-1997	8.0	1997-2006	-1.2*					-1.2*	-1.2*
AI/AN ^{eg}	1992-2006	-0.7									-0.7	-0.7
Hispanic ^e	1992-2006	0.1									0.1	0.1

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 4.4 Cancer of the Female Breast (*In Situ*)

Trends in SEER Incidence^{ab} Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	rend 2	Joinpoint 5	Frend 3	Joinpoint '	Trend 4	Joinpoint 5	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	lenceª, 1	975-2006									
All Races	1975-1981	-3.0	1981-1987	24.9*	1987-1995	4.2*	1995-1998	11.9*	1998-2006	0.0	1.2*	0.0
White	1975-1981	-2.9	1981-1987	25.5*	1987-1995	3.9*	1995-1998	12.1*	1998-2006	0.0	1.2	0.0
Black	1975-1981	3.1	1981-1988	18.5*	1988-1998	7.8*	1998-2006	1.7*			2.4*	1.7*
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2006									
All Races	1992-1999	7.4*	1999-2006	-0.4							1.3*	-0.4
White	1992-1994	0.8	1994-1999	8.8*	1999-2006	-0.9*					1.2*	-0.9*
Black	1992-1998	9.0*	1998-2006	1.4							2.3*	1.4
SEER 9 Observed	d Incidenceª,	1975-20	<u>06</u>									
All Races	1975-1981	-3.0	1981-1987	24.9*	1987-1995	4.2*	1995-1998	12.0*	1998-2006	-0.1	1.2*	-0.1
White	1975-1981	-2.9	1981-1987	25.4*	1987-1995	3.9*	1995-1998	12.1*	1998-2006	-0.2	1.1	-0.2
Black	1975-1981	3.1	1981-1988	18.4*	1988-1998	7.8*	1998-2006	1.6*			2.3*	1.6*
SEER 13 Observe	ed Incidenceb	, 1992-20	006									
All Races	1992-1999	7.5*	1999-2006	-0.4							1.3*	-0.4
White	1992-1994	0.8	1994-1999	8.8*	1999-2006	-1.0*					1.1*	-1.0*
White NH ^{ef}	1992-1994	0.7	1994-1999	9.2*	1999-2006	-1.0*					1.2*	-1.0*
Black	1992-1998	9.1*	1998-2006	1.3							2.1*	1.3
Black NH ^{ef}	1992-1998	8.9*	1998-2006	1.4							2.2*	1.4
API ^e	1992-2002	7.5*	2002-2006	-3.0							2.7*	-3.0
AI/AN ^{eg}	1992-2006	2.4									2.4	2.4
Hispanic ^e	1992-1998	8.4*	1998-2006	1.7*							2.5*	1.7*

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

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

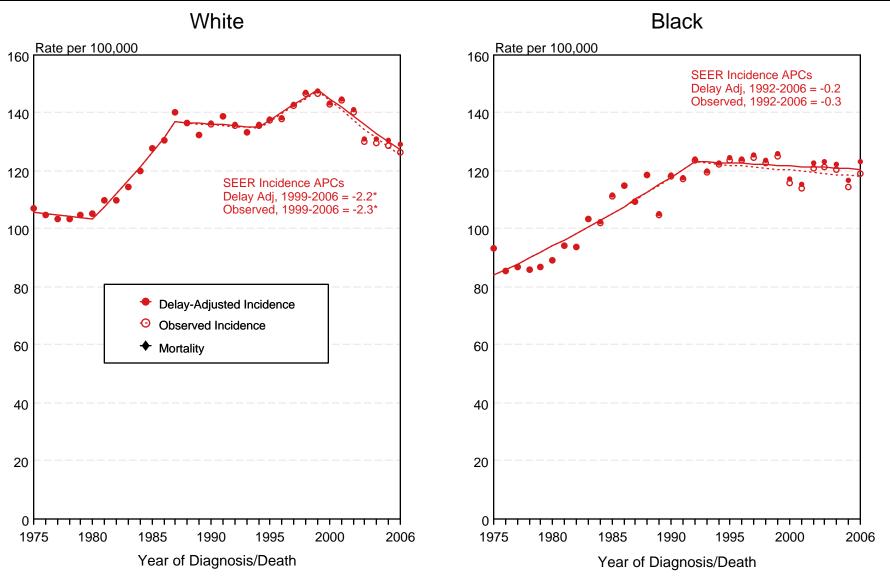
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

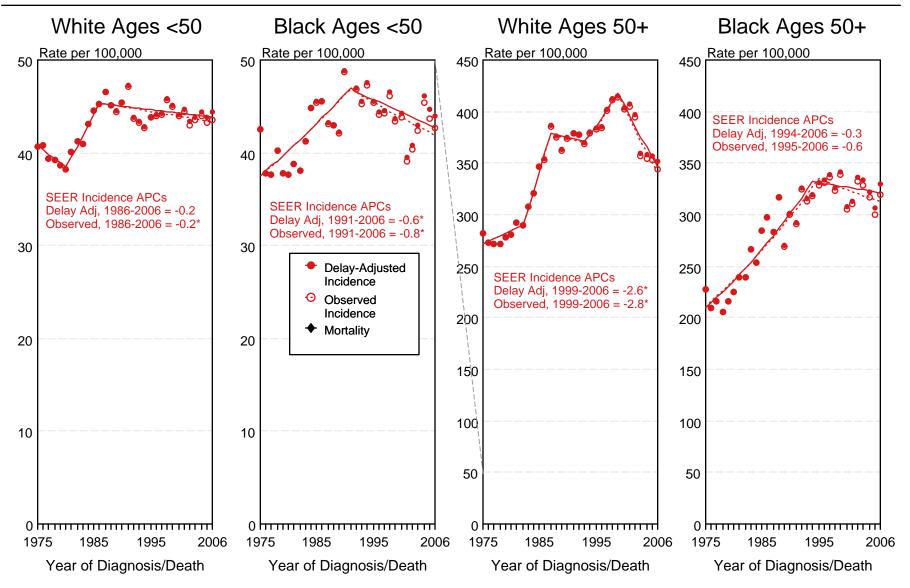
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Female Breast, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

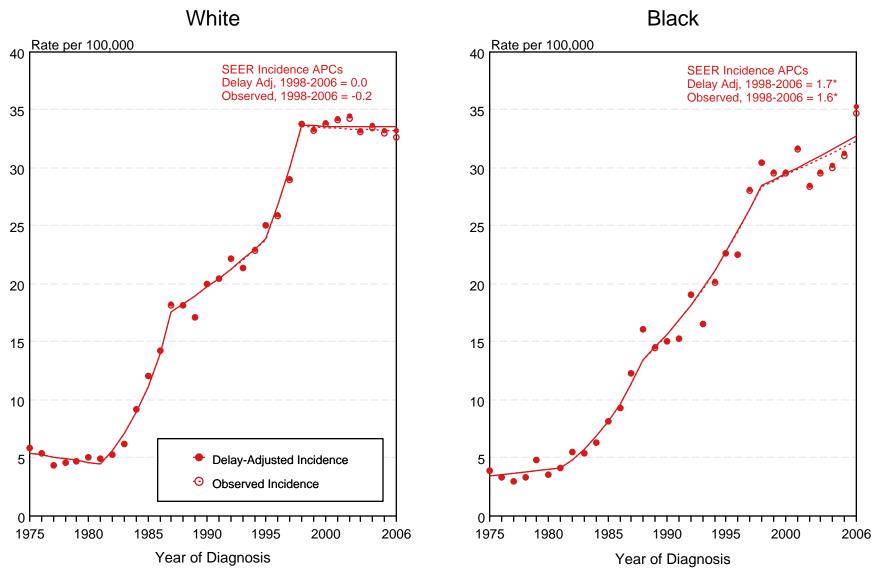
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Female Breast, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

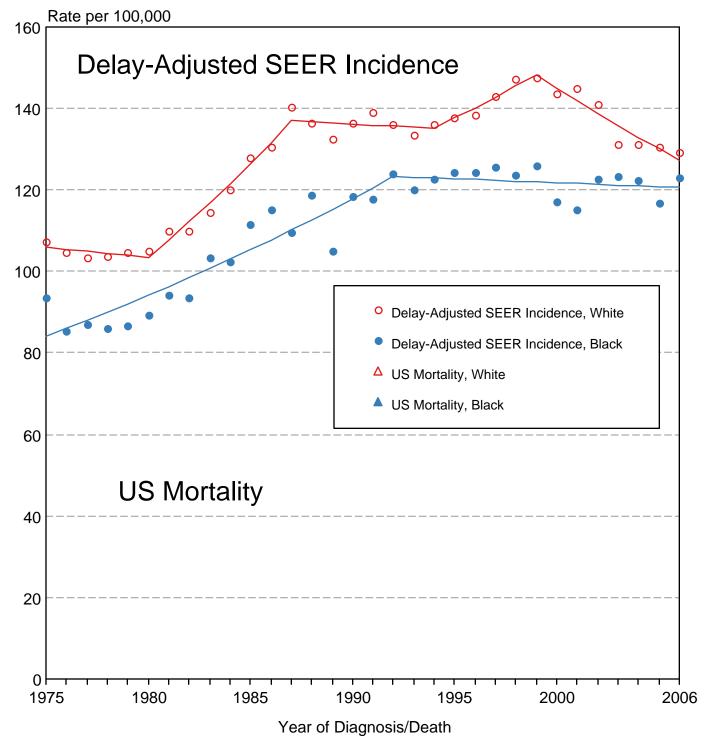
SEER Observed Incidence and Delay Adjusted Incidence Rates^a Cancer of the Female Breast (In Situ), by Race



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend. The APC is significantly different from zero (p < 0.05).</p>

Figure 4.

Cancer of the Breast Delay-Adjusted SEER Incidence & US Mortality White Females vs Black Females 1975-2006



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.

Table 5.1 Cancer of the Cervix Uteri (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint :	Trend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA:	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Inci	dence ^a , 1	975-2006									
All Races	1975-1981	-4.6*	1981-1996	-1.1*	1996-2006	-3.5*					-3.5*	-3.5*
White	1975-1982	-4.8*	1982-1990	0.4	1990-2006	-2.5*					-2.5*	-2.5*
Black	1975-2006	-3.8*									-3.8*	-3.8*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-2.8*									-2.8*	-2.8*
White	1992-2006										-2.3*	-2.3*
Black	1992-1996	-0.4	1996-2006	-5.1*							-5.1*	-5.1*
SEER 9 Observe		, 1975-20	06									
All Races	1975-1981	-4.6*	1981-1996	-1.1*	1996-2006						-3.6*	-3.6*
White	1975-1982		1982-1990	0.4	1990-2006	-2.6*					-2.6*	-2.6*
Black	1975-2006	-3.8*									-3.8*	-3.8*
SEER 13 Observ	ed Incidence	b, 1992-2	006									
All Races	1992-2006	-2.9*									-2.9*	-2.9*
White	1992-2006	-2.4*									-2.4*	-2.4*
White NH ^{ef}	1992-2006	-2.5*									-2.5*	-2.5*
Black	1992-1996	-0.3	1996-2006	-5.2*							-5.2*	-5.2*
Black NH ^{ef}	1992-1996	0.0	1996-2006	-5.3*							-5.3*	-5.3*
API ^e	1992-2006	-4.8*									-4.8*	-4.8*
AI/AN ^{eg}	1992-2006	-1.6									-1.6	-1.6
Hispanic ^e	1992-2006	-3.8*									-3.8*	-3.8*
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2006										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-			Morgion 2 2									

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 5.2 Cancer of the Cervix Uteri (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint Trend 1 Years APC		Joinpoint T	rend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA1	.5C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Inci	denceª, 1	975-2006									
All Races	1975-1982	-3.9*	1982-1990	0.9	1990-2006	-2.3*					-2.3*	-2.3*
White	1975-1982	-4.0*	1982-1989	2.1	1989-2006	-1.9*					-1.9*	-1.9*
Black	1975-2006	-3.4*									-3.4*	-3.4*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-2.4*									-2.4*	-2.4*
White	1992-2006	-2.0*									-2.0*	-2.0*
Black	1992-2006	-4.2*									-4.2*	-4.2*
SEER 9 Observe		, 1975-20	06									
All Races	1975-1982	-3.9*	1982-1990	0.9	1990-2006	-2.4*					-2.4*	-2.4*
White	1975-1982	-4.0*	1982-1989	2.2	1989-2006	-2.1*					-2.1*	-2.1*
Black	1975-2006	-3.4*									-3.4*	-3.4*
SEER 13 Observ	ed Incidence	b, 1992-2	006									
All Races	1992-2006	-2.5*									-2.5*	-2.5*
White	1992-2006	-2.2*									-2.2*	-2.2*
White NH ^{ef}	1992-2006	-2.0*									-2.0*	-2.0*
Black	1992-2006	-4.3*									-4.3*	-4.3*
Black NH ^{ef}	1992-2006	-4.4*									-4.4*	-4.4*
API ^e	1992-2006	-2.4*									-2.4*	-2.4*
AI/AN ^{eg}	1992-2006	-0.4									-0.4	-0.4
Hispanic ^e	1992-2006	-3.8*									-3.8*	-3.8*
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2006										
All Races	•											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 5.3 Cancer of the Cervix Uteri (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint Trend 2		Joinpoint	Trend 3	Joinpoint Trend 4		Joinpoint	Trend 5	AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Inci	denceª, 1	975-2006									
All Races	1975-1983	-4.9*	1983-1991	-0.8	1991-2006	-3.4*					-3.4*	-3.4*
White	1975-1985	-4.6*	1985-1991	0.1	1991-2006	-3.3*					-3.3*	-3.3*
Black	1975-2006	-4.0*									-4.0*	-4.0*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-3.3*									-3.3*	-3.3*
White	1992-2006	-2.7*									-2.7*	-2.7*
Black	1992-2006	-3.9*									-3.9*	-3.9*
SEER 9 Observe	ed Incidencea	, 1975-20	06									
All Races	1975-1983	-4.9*	1983-1991	-0.8	1991-2006	-3.5*					-3.5*	-3.5*
White	1975-1985	-4.6*	1985-1991	0.1	1991-2006	-3.4*					-3.4*	-3.4*
Black	1975-2006	-4.1*									-4.1*	-4.1*
SEER 13 Observ	red Incidence	^b , 1992-2	006									
All Races	1992-2006	-3.3*									-3.3*	-3.3*
White	1992-2006	-2.8*									-2.8*	-2.8*
White NH ^{ef}	1992-2006	-3.1*									-3.1*	-3.1*
Black	1992-2006	-4.0*									-4.0*	-4.0*
Black NH ^{ef}	1992-2006	-4.0*									-4.0*	-4.0*
API ^e	1992-2006	-6.5*									-6.5*	-6.5*
AI/AN ^{eg}	1992-2006	-2.9									-2.9	-2.9
Hispanic ^e	1992-2006	-3.7*									-3.7*	-3.7*
U.S. Cancer Mc	rtality ^c , 19	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-												
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Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Regi
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

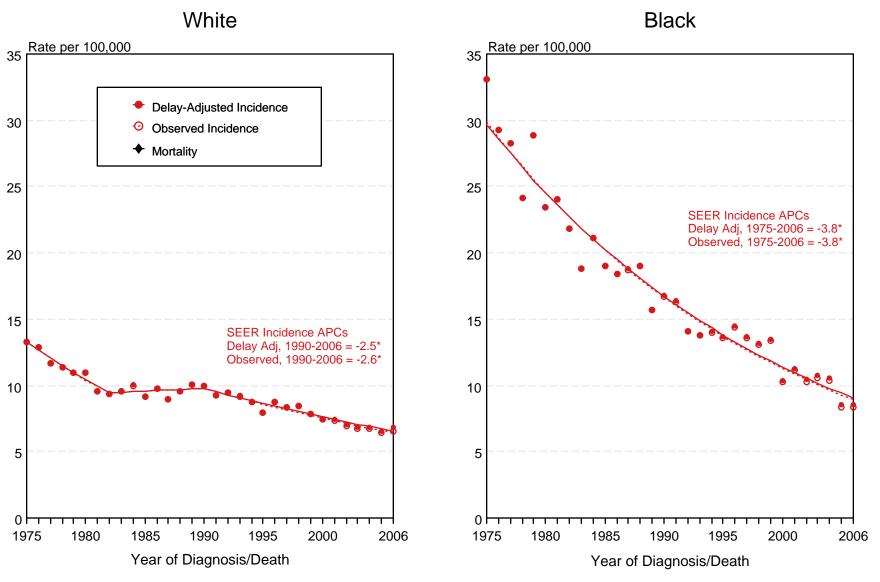
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

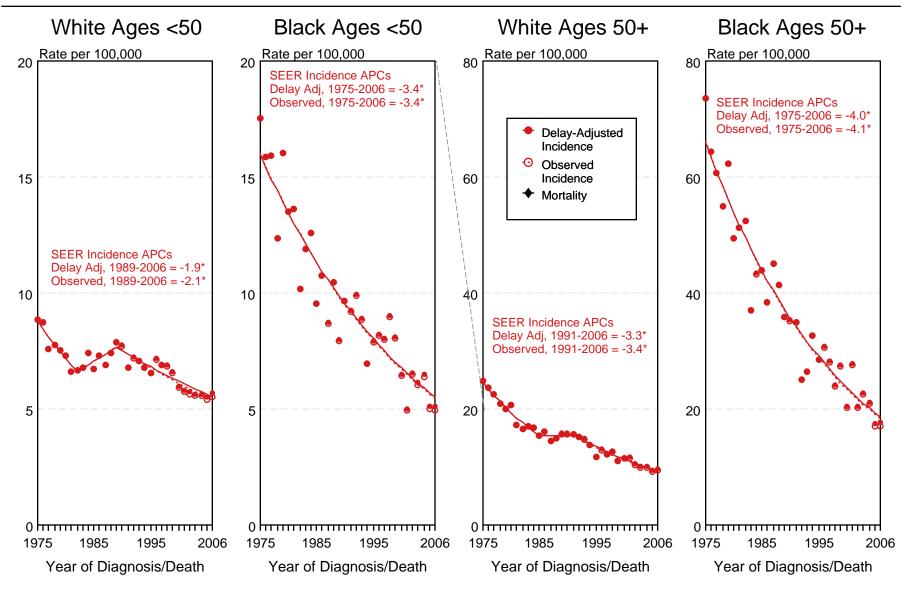
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Cervix Uteri, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Cervix Uteri, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 6.1 Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 5	point Trend 1 Joinpoint Trend 2		Joinpoint 5	Joinpoint Trend 3		Trend 4	Joinpoint '	Frend 5	AAPC ^d		
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	dencea, 19	975-2006									
All Races	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.6	1998-2006	-2.5*			-2.1*	-2.5*
White	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.8	1998-2006	-2.7*			-2.2*	-2.7*
Black	1975-1980	3.2*	1980-2002	-0.1	2002-2006	-2.7*					-1.3*	-2.7*
SEER 13 Delay-	Adjusted Inci	idence ^b , 1	1992-2006									
All Races	1992-1995	-2.1*	1995-1998	1.8	1998-2006	-2.5*					-2.0*	-2.5*
White	1992-1995	-2.2*	1995-1998	1.9	1998-2006	-2.7*					-2.2*	-2.7*
Black	1992-2003	-0.1	2003-2006	-3.3							-1.2*	-2.5*
SEER 9 Observed	d Incidencea,	1975-200	<u>)6</u>									
All Races	1975-1985	0.8*	1985-1995	-1.8*	1995-1998	1.1	1998-2002	-1.9*	2002-2006	-3.5*	-2.3*	-3.5*
White	1975-1985	0.8*	1985-1995	-2.0*	1995-1998	1.8	1998-2006	-2.9*			-2.4*	-2.9*
Black	1975-1980	3.2*	1980-2002	-0.2	2002-2006	-3.2*					-1.5*	-3.2*
SEER 13 Observe	ed Incidence ^b	, 1992-20	006									
All Races	1992-1995	-2.2*	1995-1998	1.9	1998-2006	-2.7*					-2.2*	-2.7*
White	1992-1995	-2.2*	1995-1998	2.0	1998-2006	-2.9*					-2.3*	-2.9*
White NH ^{ef}	1992-1995	-2.2*	1995-1998	2.0	1998-2006	-2.9*					-2.3*	-2.9*
Black	1992-2003	-0.2	2003-2006	-3.9*							-1.4*	-3.0*
Black NH ^{ef}	1992-2003	-0.2	2003-2006	-3.7*							-1.4*	-2.8*
API ^e	1992-2002	-0.3	2002-2006	-3.9*							-1.9*	-3.9*
AI/AN ^{eg}	1992-2006	-0.1									-0.1	-0.1
Hispanic ^e	1992-1995	-1.5	1995-1998	3.1	1998-2006	-1.7*					-1.1*	-1.7*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 6.2 Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint Trend 1 Joinpoint Trend 2		Joinpoint 5	Joinpoint Trend 3		Trend 4	Joinpoint '	Trend 5	AAPC ^d			
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	dencea, 19	75-2006									
All Races	1975-1985	1.1*	1985-1991	-1.2*	1991-1995	-3.2*	1995-1998	2.1	1998-2006	-3.0*	-2.5*	-3.0*
White	1975-1985	1.1*	1985-1991	-1.4*	1991-1995	-3.3*	1995-1998	2.1	1998-2006	-3.2*	-2.6*	-3.2*
Black	1975-1989	1.4*	1989-2006	-0.8*							-0.8*	-0.8*
SEER 13 Delay-A	Adjusted Inci	dence ^b , 1	L992-2006									
All Races	1992-1995	-2.6*	1995-1998	1.7	1998-2006	-2.9*					-2.4*	-2.9*
White	1992-1995	-2.8*	1995-1998	1.8	1998-2006	-3.2*					-2.6*	-3.2*
Black	1992-2004	-0.3	2004-2006	-7.5							-1.9	-3.9
SEER 9 Observed	d Incidenceª,	1975-200	<u>)6</u>									
All Races	1975-1986	1.1*	1986-1995	-2.1*	1995-1998	1.1	1998-2004	-2.6*	2004-2006	-5.7*	-2.9*	-4.2*
White	1975-1985	1.1*	1985-1991	-1.4*	1991-1995	-3.3*	1995-1998	2.2	1998-2006	-3.3*	-2.7*	-3.3*
Black	1975-1980	4.6	1980-2003	0.0	2003-2006	-6.5*					-2.2*	-4.9*
SEER 13 Observe	ed Incidenceb	, 1992-20	006									
All Races	1992-1995	-2.7*	1995-1998	1.8	1998-2006	-3.1*					-2.6*	-3.1*
White	1992-1995	-2.9*	1995-1998	1.8	1998-2006	-3.3*					-2.8*	-3.3*
White NH ^{ef}	1992-1995	-3.0*	1995-1998	1.8	1998-2006	-3.3*					-2.8*	-3.3*
Black	1992-2004	-0.3	2004-2006	-8.3							-2.2*	-4.4
Black NH ^{ef}	1992-2004	-0.3	2004-2006	-8.0							-2.1	-4.2
API ^e	1992-2002	-0.5	2002-2006	-4.5*							-2.3*	-4.5*
AI/AN ^{eg}	1992-2006	-0.9									-0.9	-0.9
Hispanic ^e	1992-1998	1.7	1998-2006	-2.1*							-1.7*	-2.1*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 6.3 Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint ?	Frend 3	Joinpoint Trend 4		Joinpoint	Trend 5	AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	denceª, 1	975-2006									
All Races	1975-1985	0.3	1985-1995	-1.8*	1995-1998	1.9	1998-2006	-2.2*			-1.7*	-2.2*
White	1975-1985	0.3	1985-1995	-2.0*	1995-1998	2.2	1998-2006	-2.4*			-1.9*	-2.4*
Black	1975-2006	-0.2									-0.2*	-0.2*
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-1995	-1.8	1995-1998	2.0	1998-2006	-2.2*					-1.7*	-2.2*
White	1992-1995	-1.7	1995-1998	2.0	1998-2006	-2.4*					-1.9*	-2.4*
Black	1992-2000	0.4	2000-2006	-1.5*							-0.9*	-1.5*
SEER 9 Observed	d Incidencea,	1975-20	06									
All Races	1975-1985	0.3	1985-1995	-1.9*	1995-1998	2.0	1998-2006	-2.4*			-1.9*	-2.4*
White	1975-1985	0.3	1985-1995	-2.1*	1995-1998	2.2	1998-2006	-2.6*			-2.1*	-2.6*
Black	1975-1980	2.8	1980-2006	-0.4*							-0.4*	-0.4*
SEER 13 Observe	ed Incidence ^k	, 1992-2	006									
All Races	1992-1995	-1.9*	1995-1998	2.0	1998-2006	-2.3*					-1.9*	-2.3*
White	1992-1995	-1.8	1995-1998	2.0	1998-2006	-2.6*					-2.1*	-2.6*
White NH ^{ef}	1992-1995	-1.7	1995-1998	2.2	1998-2006	-2.6*					-2.1*	-2.6*
Black	1992-2000	0.4	2000-2006	-1.8*							-1.1*	-1.8*
Black NH ^{ef}	1992-2000	0.3	2000-2006	-1.7*							-1.0*	-1.7*
API ^e	1992-2006	-0.8*									-0.8*	-0.8*
AI/AN ^{eg}	1992-2006	0.8									0.8	0.8
Hispanic ^e	1992-2006	-0.4*									-0.4*	-0.4*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

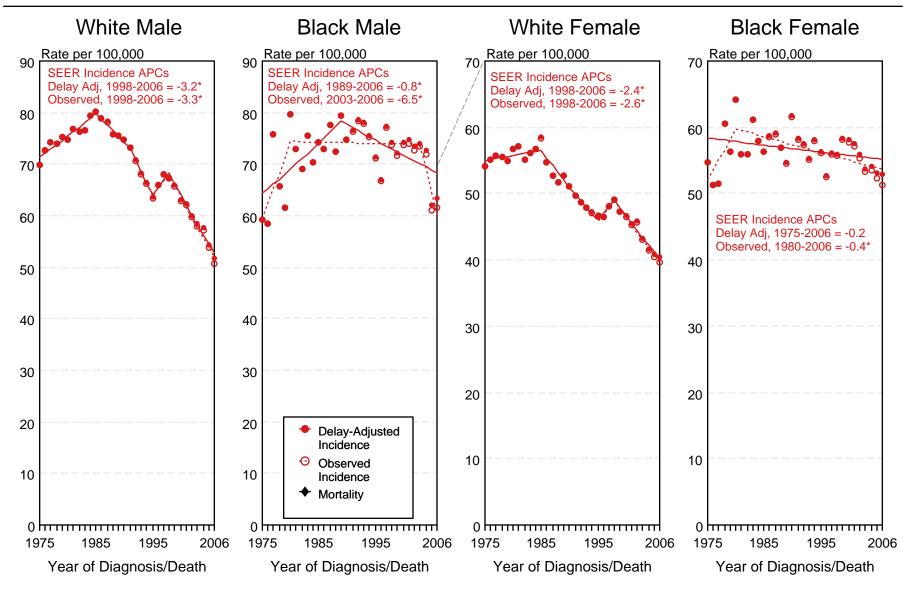
 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Colon and Rectum, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 7.1 Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint Tr	Frend 1 Joinpoint Trend 2		Joinpoint T	rend 3	Joinpoint '	Trend 4	Joinpoint	Trend 5	AAPC ^d		
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incide	encea, 19	975-2006									
All Races		-6.0*	1979-1988	-1.7*	1988-1997	0.7*	1997-2006	-0.5*			-0.5*	-0.5*
White	1975-1979	-6.1*	1979-1988	-1.6*	1988-1997	0.7*	1997-2006	-0.7*			-0.7*	-0.7*
Black	1975-1987	-1.1	1987-2006	1.3*							1.3*	1.3*
SEER 13 Delay-	Adjusted Incid	lence ^b , 1	1992-2006									
All Races	1992-2006	-0.3*									-0.3*	-0.3*
White	1992-2006	-0.4*									-0.4*	-0.4*
Black	1992-2006	1.4*									1.4*	1.4*
SEER 9 Observe	d Incidencea,	1975-200	06									
All Races	1975-1979	-6.0*	 1979-1988	-1.7*	1988-1997	0.7*	1997-2006	-0.6*			-0.6*	-0.6*
White	1975-1979	-6.1*	1979-1988	-1.6*	1988-1998	0.6*	1998-2006	-0.9*			-0.8*	-0.9*
Black	1975-1987	-1.1	1987-2006	1.2*							1.2*	1.2*
SEER 13 Observ	ed Incidenceb,	1992-20	006									
All Races	1992-1997	0.7	1997-2006	-0.7*							-0.7*	-0.7*
White	1992-1997	0.6	1997-2006	-0.9*							-0.9*	-0.9*
White NH ^{ef}	1992-1997	0.8	1997-2006	-1.0*							-1.0*	-1.0*
Black	1992-2006	1.3*									1.3*	1.3*
Black NH ^{ef}	1992-2006	1.3*									1.3*	1.3*
API ^e	1992-2006	1.1*									1.1*	1.1*
AI/AN ^{eg}	1992-2006	2.1									2.1	2.1
Hispanic ^e	1992-2006	0.9*									0.9*	0.9*
U.S. Cancer Mo	rtality ^c , 1975	-2006										

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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.

Table 7.2 Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint Trend 1 Joinpoint Trend 2		Joinpoint :	<u> rend 3</u>	<u>Joinpoint</u>	<u>Trend 4</u>	<u>Joinpoint</u>		AAPC ^d			
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	dencea, 19	975-2006									
All Races	1975-1985	-3.3*	1985-2006	0.7*							0.7*	0.7*
White	1975-1984	-3.6*	1984-2006	0.3							0.3	0.3
Black	1975-1985	-5.5*	1985-2006	2.8*							2.8*	2.8*
SEER 13 Delay-A	Adjusted Inc	idence ^b , 1	L992-2006									
All Races	1992-2006	1.1*									1.1*	1.1*
White	1992-2006	0.9*									0.9*	0.9*
Black	1992-1999	-1.4	1999-2002	17.4	2002-2006	-7.4					1.6	-7.4*
SEER 9 Observed	d Incidencea,	1975-200	06									
All Races	1975-1985	-3.3*	1985-2006	0.7*							0.7*	0.7*
White	1975-1983	-4.0*	1983-2006	0.2							0.2	0.2
Black	1975-1985	-5.4*	1985-2006	2.7*							2.7*	2.7*
SEER 13 Observe	ed Incidence	, 1992-20	006									
All Races	1992-2006	1.0*									1.0*	1.0*
White	1992-2006	0.8*									0.8*	0.8*
White NH ^{ef}	1992-2006	0.4									0.4	0.4
Black	1992-2006	2.2*									2.2*	2.2*
Black NH ^{ef}	1992-2006	2.3*									2.3*	2.3*
API ^e	1992-2006	1.3*									1.3*	1.3*
AI/AN ^{eg}	1992-2006	0.5									0.5	0.5
Hispanic ^e	1992-2006	2.3*									2.3*	2.3*
U.S. Cancer Mor All Races White Black	rtality ^c , 197	<u>5-2006</u>										
U.S. Cancer Mor All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^e	rtality ^c , 199	2-2006										

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 7.3 Cancer of the Corpus and Uterus, NOS (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint 7	Frend 2	Joinpoint T	rend 3	Joinpoint 1	Trend 4	Joinpoint	Trend 5	AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Incid	encea, 1	975-2006									
All Races	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.7*	1997-2006	-0.8*			-0.8*	-0.8*
White	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.8*	1997-2006	-0.9*			-0.9*	-0.9*
Black	1975-2006	0.5*									0.5*	0.5*
SEER 13 Delay-	-Adjusted Inci	denceb,	1992-2006									
All Races	1992-1997	0.7	1997-2006	-1.0*							-1.0*	-1.0*
White	1992-1997	0.7	1997-2006	-1.1*							-1.1*	-1.1*
Black	1992-2006	1.3*									1.3*	1.3*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1979	-6.2*	 1979-1988	-1.7*	1988-1997	0.7*	1997-2006	-0.9*			-0.9*	-0.9*
White	1975-1979	-6.2*	1979-1988	-1.7*	1988-1997	0.8*	1997-2006	-1.0*			-1.0*	-1.0*
Black	1975-2006	0.5*									0.5*	0.5*
SEER 13 Observ	red Incidenceb	, 1992-20	006									
All Races	1992-1997	0.7	1997-2006	-1.1*							-1.1*	-1.1*
White	1992-1997	0.7	1997-2006	-1.2*							-1.2*	-1.2*
White NH ^{ef}	1992-1997	0.9	1997-2006	-1.2*							-1.2*	-1.2*
Black	1992-2006	1.1*									1.1*	1.1*
Black NH ^{ef}	1992-2006	1.1*									1.1*	1.1*
API ^e	1992-2006	1.0*									1.0*	1.0*
AI/AN ^{eg}	1992-2006	2.8									2.8*	2.8*
Hispanic ^e	1992-2006	0.6									0.6	0.6
U.S. Cancer Mo	ortality ^c , 197	5-2006										

All Races

White Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

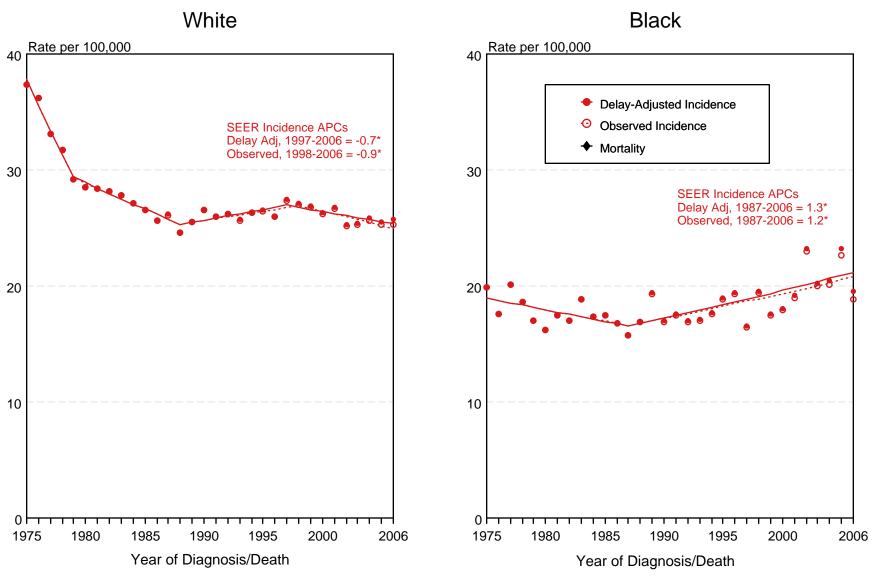
APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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.

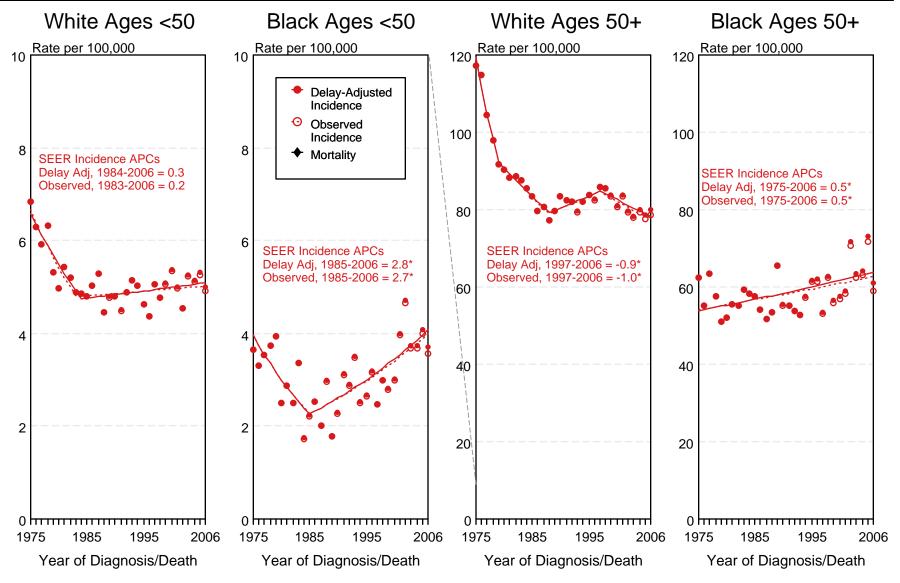
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 8.1 Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 7	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Incid	dencea. 1	975-2006									
All Races	1975-2006	0.5*	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								0.5*	0.5*
White	1975-2006	1.3*									1.3*	1.3*
Black	1975-1986	1.1	1986-2006	-4.5*							-4.5*	-4.5*
SEER 13 Delay-	-Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	-0.1									-0.1	-0.1
White	1992-2006	0.9*									0.9*	0.9*
Black	1992-2006	-4.8*									-4.8*	-4.8*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	0.5*									0.5*	0.5*
White	1975-2004	1.4*	2004-2006	-3.2							0.4	-0.9
Black	1975-1986	1.1	1986-2006	-4.5*							-4.5*	-4.5*
SEER 13 Observ	red Incidence ^b	, 1992-2	006									
All Races	1992-2006	-0.1									-0.1	-0.1
White	1992-2006	0.9*									0.9*	0.9*
White NH ^{ef}	1992-2004	1.7*	2004-2006	-5.1							0.2	-1.7
Black	1992-2006	-4.9*									-4.9*	-4.9*
Black NH ^{ef}	1992-2006	-4.9*									-4.9*	-4.9*
API ^e	1992-2006	-1.1									-1.1	-1.1
AI/AN ^{eg}	1992-2006	3.7									3.7	3.7
Hispanic ^e	1992-2006	-1.8*									-1.8*	-1.8*
U.S. Cancer Mo	ortality ^c , 197	<u> </u>										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
_	int Dogwoodier											

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 8.2 Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint 5	Trend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	dence ^a . 1	975-2006									
All Races	1975-2006	0.7*									0.7*	0.7*
White	1975-2006	1.6*									1.6*	1.6*
Black	1975-1986	1.2	1986-2006	-4.9*							-4.9*	-4.9*
SEER 13 Delay-	Adjusted Inc:	idence ^b ,	1992-2006									
All Races	1992-2006	0.0									0.0	0.0
White	1992-2004	1.7*	2004-2006	-6.3							-0.2	-2.4
Black	1992-2006	-5.3*									-5.3*	-5.3*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	0.7*									0.7*	0.7*
White	1975-2006	1.6*									1.6*	1.6*
Black	1975-1986	1.2	1986-2006	-4.9*							-4.9*	-4.9*
SEER 13 Observ	red Incidence	o, 1992-2	006									
All Races	1992-2006	0.0									0.0	0.0
White	1992-2004	1.6*	2004-2006	-6.9							-0.3	-2.7
White NH ^{ef}	1992-2004	2.0*	2004-2006	-6.0							0.2	-2.1
Black	1992-2006	-5.3*									-5.3*	-5.3*
Black NH ^{ef}	1992-2006	-5.4*									-5.4*	-5.4*
API ^e	1992-2006	-1.6*									-1.6*	-1.6*
AI/AN ^{eg}	1992-2006	0.1									0.1	0.1
Hispanic ^e	1992-2006	-1.8*									-1.8*	-1.8*
U.S. Cancer Mo	rtality ^c , 197	<u> 75-2006</u>										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
	nt Dogwoodier											

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 8.3 Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	denceª. 1	1975-2006									
All Races	1975-2006	-0.3*									-0.3*	-0.3*
White	1975-2006	0.1									0.1	0.1
Black	1975-1980	10.3	1980-2006	-2.7*							-2.7*	-2.7*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-0.7									-0.7	-0.7
White	1992-2006	0.0									0.0	0.0
Black	1992-2006	-3.8*									-3.8*	-3.8*
SEER 9 Observe			006									
All Races	1975-2006	-0.3*									-0.3*	-0.3*
White	1975-2006	0.1									0.1	0.1
Black	1975-1980	10.3	1980-2006	-2.7*							-2.7*	-2.7*
SEER 13 Observ		-	2006									
All Races	1992-2006	-0.8									-0.8*	-0.8*
White	1992-2006	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2006	0.1									0.1	0.1
Black	1992-2006	-3.9*									-3.9*	-3.9*
Black NH ^{ef}	1992-2006	-3.9*									-3.9*	-3.9*
API ^e	1992-2006	1.7									1.7	1.7
AI/AN ^{eg}	1000 0006	- 0 4									-	-
Hispanic ^e	1992-2006	-2.4									-2.4	-2.4
U.S. Cancer Mo	rtality ^c , 197	<u>75-2006</u>										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
			. Horaion 2 2									

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

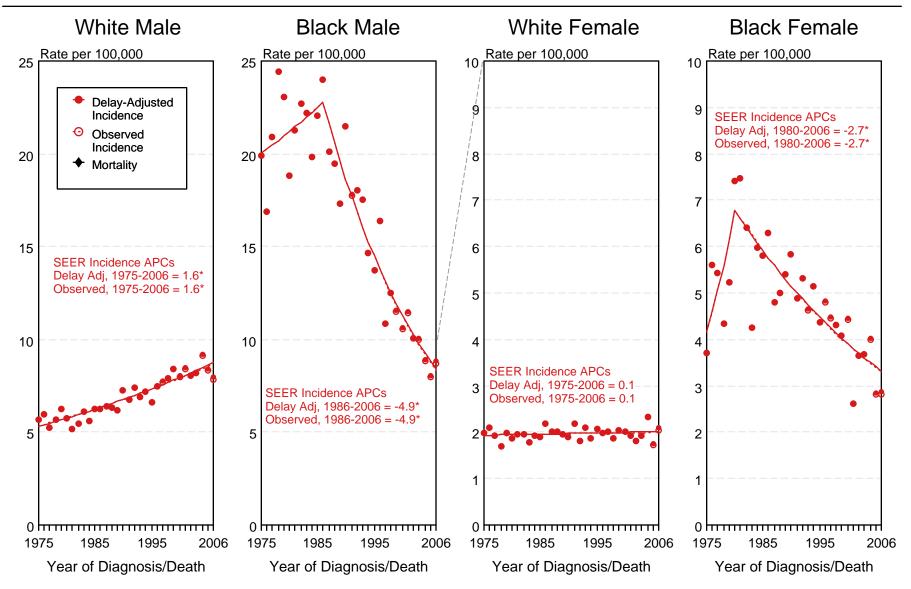
Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Esophagus, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 9.1 Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 7	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC		2002-2006
SEER 9 Delay-A	diusted Incid	dencea, 1	975-2006									
All Races	1975-2006	-0.1									-0.1	-0.1
White	1975-2006	-0.1									-0.1	-0.1
Black	1975-2006	1.2*									1.2*	1.2*
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	0.2									0.2	0.2
White	1992-2006	0.1									0.1	0.1
Black	1992-2006	1.1									1.1	1.1
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	-0.2									-0.2	-0.2
White	1975-2006	-0.2									-0.2	-0.2
Black	1975-2006	1.1*									1.1*	1.1*
SEER 13 Observ	red Incidenceb	, 1992-2	006									
All Races	1992-2006	0.2									0.2	0.2
White	1992-2006	0.0									0.0	0.0
White NH ^{ef}	1992-2006	0.3*									0.3*	0.3*
Black	1992-2006	0.9									0.9	0.9
Black NH ^{ef}	1992-2006	0.9									0.9	0.9
API ^e	1992-2006	3.3*									3.3*	3.3*
AI/AN ^{eg}	-	-									-	-
Hispanic ^e	1992-2006	0.2									0.2	0.2
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races	,											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
						_	_					

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 9.2 Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	dencea, 1	975-2006									
All Races	1975-2006	-0.6*									-0.6*	-0.6*
White	1975-2006	-0.5*									-0.5*	-0.5*
Black	1975-2006	0.3									0.3	0.3
SEER 13 Delay-	-Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-2006	0.1									0.1	0.1
White	1992-2006	0.0									0.0	0.0
Black	1992-2006	1.3									1.3	1.3
SEER 9 Observe			<u>06</u>									
All Races	1975-2006	-0.6*									-0.6*	-0.6*
White	1975-2006	-0.6*									-0.6*	-0.6*
Black	1975-2006	0.2									0.2	0.2
SEER 13 Observ		•	006									
All Races	1992-2006	0.1									0.1	0.1
White	1992-2006	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2006	0.2									0.2	0.2
Black	1992-2006	1.2									1.2	1.2
Black NH ^{ef}	1992-2006	1.0									1.0	1.0
API ^e	1992-2006	2.0									2.0	2.0
AI/AN ^{eg}	-	-									-	-
Hispanic ^e	1992-2006	0.2									0.2	0.2
U.S. Cancer Mo	ortality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mc	ortality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

Table 9.3 Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Incid	ence ^a . 1	975-2006									
All Races	1975-2006	0.4*	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,								0.4*	0.4*
White	1975-2006	0.4*									0.4*	0.4*
Black	1975-2006	2.5*									2.5*	2.5*
SEER 13 Delay-	-Adjusted Inci	denceb,	1992-2006									
All Races	1992-2006	0.3									0.3	0.3
White	1992-2006	0.3									0.3	0.3
Black	1992-2006	0.8									0.8	0.8
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	0.4*									0.4*	0.4*
White	1975-2006	0.3*									0.3*	0.3*
Black	1975-2006	2.4*									2.4*	2.4*
SEER 13 Observ	ved Incidenceb	, 1992-2	006									
All Races	1992-2006	0.2									0.2	0.2
White	1992-2006	0.2									0.2	0.2
White NH ^{ef}	1992-2006	0.4									0.4	0.4
Black	1992-2006	0.6									0.6	0.6
Black NH ^{ef}	1992-2006	0.7									0.7	0.7
API ^e	1992-2006	4.8*									4.8*	4.8*
AI/AN ^{eg}	_	_									_	_
Hispanic ^e	1992-2006	0.3									0.3	0.3
U.S. Cancer Mo	ortality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c 199	2-2006										
All Races	orearre, , root.	2 2000										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

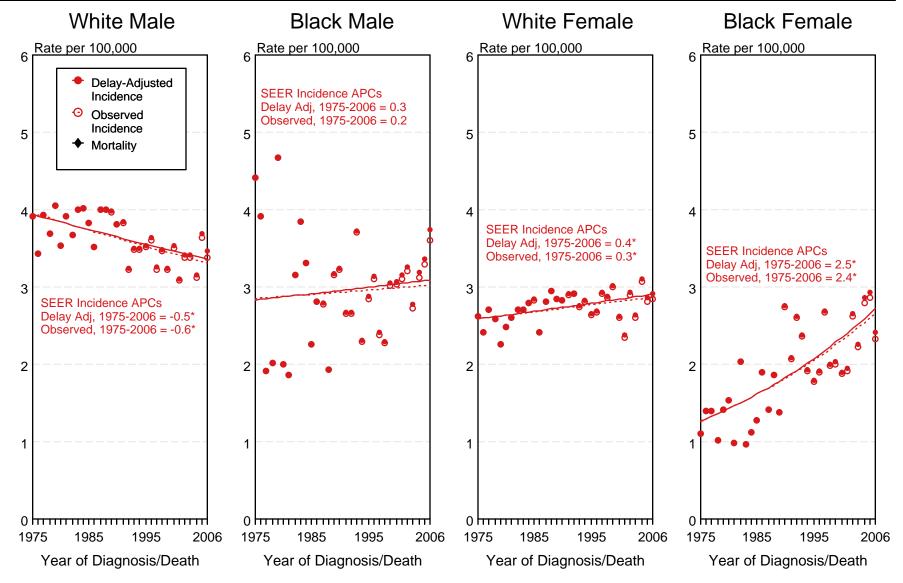
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Hodgkin Lymphoma, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 11.1 Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 7	Trend 1	Joinpoint 7	Trend 2	Joinpoint 7	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC		2002-2006
SEER 9 Delay-A	Adiusted Incid	dencea, 1	975-2006									
All Races	1975-2006	2.0*									2.0*	2.0*
White	1975-1991	2.4*	1991-1997	0.8	1997-2006	2.8*					2.8*	2.8*
Black	1975-2006	2.7*									2.7*	2.7*
SEER 13 Delay-	-Adiusted Inci	idence ^b .	1992-2006									
All Races	1992-1997	1.2*	1997-2006	2.5*							2.5*	2.5*
White	1992-2006	2.2*									2.2*	2.2*
Black	1992-2006	1.9*									1.9*	1.9*
SEER 9 Observe	ed Incidencea.	1975-20	06									
All Races	1975-2006	2.0*									2.0*	2.0*
White	1975-2006	2.0*									2.0*	2.0*
Black	1975-2006	2.6*									2.6*	2.6*
SEER 13 Observ	ved Incidenceb	, 1992-2	006									
All Races	1992-2006	2.0*									2.0*	2.0*
White	1992-2006	2.1*									2.1*	2.1*
White NH ^{ef}	1992-2006	2.0*									2.0*	2.0*
Black	1992-2006	1.7*									1.7*	1.7*
Black NH ^{ef}	1992-2006	1.7*									1.7*	1.7*
API ^e	1992-2006	2.1*									2.1*	2.1*
AI/AN ^{eg}	1992-2006	0.7									0.7	0.7
Hispanic ^e	1992-2006	2.5*									2.5*	2.5*
U.S. Cancer Mo	ortality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	2-2006										
All Races		-										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
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Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic 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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

Table 11.2 Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Incid	ence ^a . 1	975-2006									
All Races	1975-2006	1.8*	2,3 2000								1.8*	1.8*
White	1975-2006	1.7*									1.7*	1.7*
Black	1975-2006	2.7*									2.7*	2.7*
SEER 13 Delay-	-Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-2006	1.8*									1.8*	1.8*
White	1992-2006	1.9*									1.9*	1.9*
Black	1992-2006	1.9*									1.9*	1.9*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	1.7*									1.7*	1.7*
White	1975-2006	1.6*									1.6*	1.6*
Black	1975-2006	2.6*									2.6*	2.6*
SEER 13 Observ	ved Incidenceb	, 1992-2	006									
All Races	1992-2006	1.7*									1.7*	1.7*
White	1992-2006	1.8*									1.8*	1.8*
White NH ^{ef}	1992-2006	1.7*									1.7*	1.7*
Black	1992-2006	1.7*									1.7*	1.7*
Black NH ^{ef}	1992-2006	1.6*									1.6*	1.6*
API ^e	1992-2006	1.4*									1.4*	1.4*
AI/AN ^{eg}	1992-2006	-0.3									-0.3	-0.3
Hispanic ^e	1992-2006	2.3*									2.3*	2.3*
U.S. Cancer Mo	ortality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mc	ortality ^c , 1992	2-2006										
All Races	• •											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
<u>.</u>												
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Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Hispanic^e

Table 11.3 Cancer of the Kidney and Renal Pelvis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint 1	Frend 1	Joinpoint T	rend 2	Joinpoint T	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adjusted Incid	dence ^a , 1	975-2006									
All Races	1975-2006	2.4*									2.4*	2.4*
White	1975-1992	2.8*	1992-1999	0.8	1999-2006	4.0*					3.3*	4.0*
Black	1975-2006	2.8*									2.8*	2.8*
SEER 13 Delay-	-Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	2.4*									2.4*	2.4*
White	1992-2006	2.5*									2.5*	2.5*
Black	1992-2006	2.0*									2.0*	2.0*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	2.3*									2.3*	2.3*
White	1975-2006	2.3*									2.3*	2.3*
Black	1975-2006	2.7*									2.7*	2.7*
SEER 13 Observ	ved Incidenceb	, 1992-2	006									
All Races	1992-2006	2.2*									2.2*	2.2*
White	1992-2006	2.3*									2.3*	2.3*
White NH ^{ef}	1992-1997	0.1	1997-2006	3.1*							3.1*	3.1*
Black	1992-2006	1.8*									1.8*	1.8*
Black NH ^{ef}	1992-2006	1.9*									1.9*	1.9*
API ^e	1992-2006	3.3*									3.3*	3.3*
AI/AN ^{eg}	1992-2006	1.9									1.9	1.9
Hispanic ^e	1992-1995	12.4*	1995-2006	1.7*							1.7*	1.7*
<u>U.S. Cancer Mo</u> All Races White	ortality ^c , 197	<u> 5-2006</u>										
Black												
U.S. Cancer Mo	ortality ^c 199	2-2006										
All Races	<u> </u>	2 2000										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

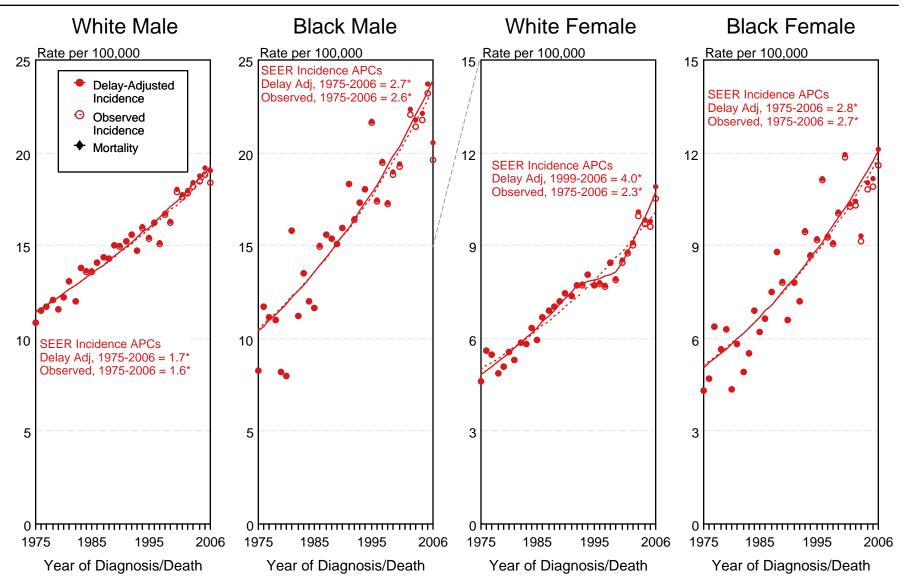
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Kidney and Renal Pelvis, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 12.1 Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

Years		Joinpoint Trend 1 Joinpoint Trend				Joinpoint	t Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC^d
Name		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
Name	SEER 9 Delay-A	Adiusted Incid	denceª, 1	975-2006									
Refer 1975-1990 1.2* 1990-2006 -2.8*					-2.6*							-2.6*	-2.6*
SEER 13 Delay-Adjusted Incidence ⁵ , 1992-2006 -3.0° -3.	White	1975-1988	0.0	1988-2006	-2.5*							-2.5*	-2.5*
### All Races 1992-2006 -3.0° -3	Black	1975-1990	1.2*	1990-2006	-2.8*							-2.8*	-2.8*
Mark	SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
Black 1992-2006 3.3* -	All Races	1992-2006	-3.0*										
Races 1975-1988 0.1 1988-2006 -2.6*	White	1992-2006	-2.7*									-2.7*	-2.7*
Races 1975-1988 0.1 1988-2006 -2.6* -2.8*	Black	1992-2006	-3.3*									-3.3*	-3.3*
White Black 1975-1988 0.1 1988-2006 -2.6* 2.0* -2.6* 2.6* 2.0* Black 1975-1990 1.2* 1990-2006 -2.9* -2.9* SEER 13 Observed Incidence*, 1992-2006 -2.0* All Races 1992-2006 -3.0* White NHefe 1992-2006 -2.8*													
Black 1975-1990 1.2* 1990-2006 -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.9* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8* -2.8*													
SEER 13 Observed Incidence 1992-2006 3.0* All Races													
All Races 1992-2006 -3.0* White 1992-2006 -2.8* White NHef 1992-2006 -2.8* Black 1992-2006 -3.4* Black NHef 1992-2006 -3.4* Black NHef 1992-2006 -3.4* Alf Anneg 1992-2006 -3.4* Alf Anneg 1992-2006 -3.4* Alf Anneg 1992-2006 -1.6 Hispanic 1992-2006 -2.4* U.S. Cancer Mortalityc, 1975-2006 All Races White Black White NHef Black White NHef Black Blac	Black	1975-1990	1.2*	1990-2006	-2.9*							-2.9*	-2.9*
White NHef 1992-2006 -2.8*	SEER 13 Observ	ved Incidence ^l	b, 1992-2	006									
White NHef 1992-2006 -2.8* -2.8* -2.8*		1992-2006	-3.0*										
Black 1992-2006 -3.4* Black NHef 1992-2006 -3.4* Black NHef 1992-2006 -3.4* AI* AI* AI* AI* AI* AI* AI* AI* AI* AI			-2.8*										
Black NHef 1992-2006 -3.4* APIe 1992-2006 -3.4* APIe 1992-2006 -3.4* AI/ANeg 1992-2006 -1.6 AI/Aneg 1992-2006 -2.4* U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 All Races White Black Black Black AI/ANeg APIe AI/ANeg			-2.8*										
API ^e 1992-2006 -3.4* AI/AN ^{eg} 1992-2006 -1.6 Hispanic ^e 1992-2006 -2.4* U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White White White White All Races All Races White All Races All R	Black	1992-2006	-3.4*									-3.4*	-3.4*
AI/AN ^{eg} 1992-2006 -1.6 Hispanic ^e 1992-2006 -2.4* U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 White Black Black White White White Haces White AI/AN ^{eg}	Black NH ^{ef}	1992-2006	-3.4*									-3.4*	-3.4*
Hispanice 1992-2006 -2.4* U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 All Races White White NHef Black Black Black NHef APIe AI/ANeg	API ^e	1992-2006	-3.4*									-3.4*	-3.4*
U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg}			-1.6										
All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	Hispanic ^e	1992-2006	-2.4*									-2.4*	-2.4*
White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	U.S. Cancer Mc	ortality ^c , 197	75-2006										
Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}													
U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	White												
All Races White White NHef Black Black NHef APIe AI/ANeg	Black												
White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	U.S. Cancer Mc	ortality ^c , 199	92-2006										
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	All Races												
Black Black NH ^{ef} API ^e AI/AN ^{eg}	White												
Black NH ^{ef} API ^e AI/AN ^{eg}	White NH ^{ef}												
API ^e AI/AN ^{eg}	Black												
API ^e AI/AN ^{eg}	Black NH ^{ef}												
	AI/AN ^{eg}												
	Hispanic ^e												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 12.2 Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoin	t Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Inci	denceª. 1	975-2006									
All Races	1975-1988	-0.3	1988-2006	-2.7*							-2.7*	-2.7*
White	1975-1987	-0.2	1987-2006	-2.7*							-2.7*	-2.7*
Black	1975-1990	0.9	1990-2006	-2.6*							-2.6*	-2.6*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-3.1*									-3.1*	-3.1*
White	1992-2006	-2.9*									-2.9*	-2.9*
Black	1992-2006	-3.1*									-3.1*	-3.1*
SEER 9 Observe	ed Incidencea	, 1975-20	106									
All Races	1975-1988	-0.3	1988-2006	-2.8*							-2.8*	-2.8*
White	1975-1988	-0.3	1988-2006	-2.9*							-2.9*	-2.9*
Black	1975-1990	0.9	1990-2006	-2.7*							-2.7*	-2.7*
SEER 13 Observ	ved Incidence	^b , 1992-2	1006									
All Races	1992-2006	-3.1*									-3.1*	-3.1*
White	1992-2006	-3.0*									-3.0*	-3.0*
White NH ^{ef}	1992-2006	-3.0*									-3.0*	-3.0*
Black	1992-2006	-3.2*									-3.2*	-3.2*
Black NH ^{ef}	1992-2006	-3.2*									-3.2*	-3.2*
API ^e	1992-2006	-3.1*									-3.1*	-3.1*
AI/AN ^{eg}	1992-2006	-3.3									-3.3	-3.3
Hispanic ^e	1992-2006	-2.4*									-2.4*	-2.4*
U.S. Cancer Mc	ortality ^c , 19	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-												
T = 3 = 3	ine Danisania		Moraion 2 2	1 31	2000 11-1-	7	T	h	-la		- / \	

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 12.3 Cancer of the Larynx (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Incid	dencea. 1	975-2006									
All Races	1975-1989	1.8*	1989-2006	-2.5*							-2.5*	-2.5*
White	1975-1989	1.6*	1989-2006	-2.2*							-2.2*	-2.2*
Black	1975-1989	4.0*	1989-2006	-3.0*							-3.0*	-3.0*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-3.0*									-3.0*	-3.0*
White	1992-2006	-2.5*									-2.5*	-2.5*
Black	1992-2006	-4.0*									-4.0*	-4.0*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1989	1.8*	1989-2006	-2.6*							-2.6*	-2.6*
White	1975-1989	1.6*	1989-2006	-2.3*							-2.3*	-2.3*
Black	1975-1989	4.0*	1989-2006	-3.2*							-3.2*	-3.2*
SEER 13 Observ	ved Incidence	°, 1992-2	006									
All Races	1992-2006	-3.1*									-3.1*	-3.1*
White	1992-2006	-2.6*									-2.6*	-2.6*
White NH ^{ef}	1992-2006	-2.4*									-2.4*	-2.4*
Black	1992-2006	-4.1*									-4.1*	-4.1*
Black NH ^{ef}	1992-2006	-4.1*									-4.1*	-4.1*
API ^e	1992-2006	-3.9									-3.9	-3.9
AI/AN ^{eg}	-	-									-	-
Hispanic ^e	1992-2006	-3.0									-3.0	-3.0
U.S. Cancer Mo	ortality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
_	int Dogmogaio											

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

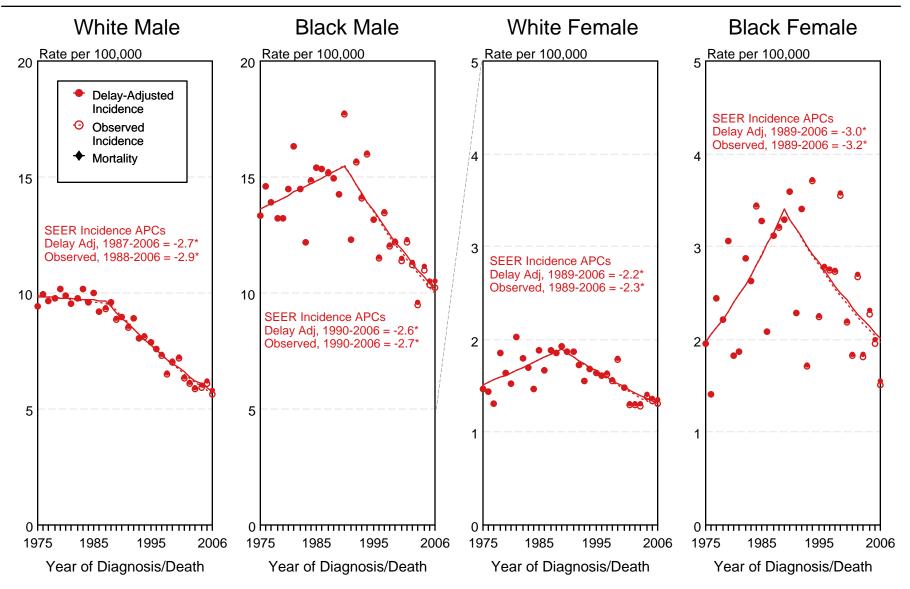
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Larynx, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 13.1 Leukemia

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

			Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2006									
All Races	1975-2006	0.3*									0.3*	0.3*
White	1975-2006	0.4*									0.4*	0.4*
Black	1975-2006	-0.1									-0.1	-0.1
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	0.2									0.2	0.2
White	1992-2006	0.3*									0.3*	0.3*
Black	1992-2006	0.2									0.2	0.2
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2003	0.1	2003-2006	-3.1*							-1.0*	-2.3*
White	1975-2002	0.2*	2002-2006	-2.3*							-0.9*	-2.3*
Black	1975-2006	-0.4*									-0.4*	-0.4*
SEER 13 Observ	red Incidenceb	, 1992-2	006									
All Races	1992-2004	-0.2	2004-2006	-4.3							-1.2	-2.3
White	1992-2001	0.2	2001-2006	-1.9*							-1.0*	-1.9*
White NH ^{ef}	1992-2001	0.4	2001-2006	-2.2*							-1.0*	-2.2*
Black	1992-2006	-0.5									-0.5	-0.5
Black NH ^{ef}	1992-2006	-0.6									-0.6	-0.6
API ^e	1992-2006	-0.9*									-0.9*	-0.9*
AI/AN ^{eg}	1992-2006	3.1									3.1*	3.1*
Hispanic ^e	1992-2006	-0.1									-0.1	-0.1
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Pre The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

Table 13.2 Leukemia

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint Trend 1 Joinpoint Trend 2			Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2006									
All Races	1975-2006	0.1*									0.1*	0.1*
White	1975-2006	0.2*									0.2*	0.2*
Black	1975-2006	-0.1									-0.1	-0.1
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	0.0									0.0	0.0
White	1992-2006	0.0									0.0	0.0
Black	1992-2006	0.1									0.1	0.1
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2004	-0.1	2004-2006	-6.6							-1.6*	-3.4
White	1975-2003	0.1	2003-2006	-4.4*							-1.4*	-3.3*
Black	1975-2006	-0.5*									-0.5*	-0.5*
SEER 13 Observ	red Incidence ^h	, 1992-2	006									
All Races	1992-2004	-0.4	2004-2006	-6.1							-1.7*	-3.3*
White	1992-2003	-0.2	2003-2006	-4.0							-1.5*	-3.0*
White NH ^{ef}	1992-2003	-0.1	2003-2006	-4.7							-1.6*	-3.6*
Black	1992-2006	-0.6									-0.6	-0.6
Black NH ^{ef}	1992-2006	-0.6									-0.6	-0.6
API ^e	1992-2006	-0.8									-0.8	-0.8
AI/AN ^{eg}	1992-2006	3.8									3.8	3.8
Hispanic ^e	1992-2006	-0.1									-0.1	-0.1
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

Table 13.3 Leukemia

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

SERR 9 Delay-Adjusted Incidence 1975-2006 19		Joinpoint Trend 1 Joinpoint Trend 2				Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
All Races 1975-2006 0.3* White 1975-2006 0.0.4* Black 1975-2006 0.0.4* Black 1975-2006 0.0.0.0.0 SEER 13 Delay-Adjusted Incidence* 1992-2006 All Races 1992-2006 0.5* Black 1992-2006 0.5* Black 1992-2006 0.5.* All Races 1992-2006 0.1. All Races 1975-2006 0.0. All Races 1992-2006 0.0. Black 1992-2006 0.0. All Races 1992-2006 0.0. White Nin* 1992-2006 0.0. Black 1992-2006 0.0. All Races 1992-2006 0.0. All Races 1992-2006 0.0. Black 1992-2006 0.0. All Races 1992-2006 0.0. All Races 1992-2006 0.0. Black Nin* 1992-2006 0.0. All Races 1992-2006 0.0. All Races 1992-2006 0.0. Black Nin* 1992-2006 0.0. All Races 1992-2006 0.0. Black Nin* 1992-2006 0.0. Black		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
All Races 1975-2006 0.3* White 1975-2006 0.04* Black 1975-2006 0.04* Black 1975-2006 0.00 0.0 SEER 13 Delay-Adjusted Incidence*, 1992-2006 All Races 1992-2006 0.5* Black 1992-2006 0.5* Black 1992-2006 0.5.* All Races 1992-2006 0.5.* SEER 9 Observed Incidence*, 1975-2006 All Races 1975-2006 0.1 All Races 1975-2006 0.04 SEER 9 Observed Incidence*, 1975-2006 All Races 1975-2006 0.1 Black 1975-2006 0.1 All Races 1975-2006 0.1 Black 1975-2006 0.1 Black 1975-2006 0.1 Black 1975-2006 0.1 Black 1992-2006 0.2 White NHE* 1992-2006 0.2 White NHE* 1992-2006 0.4 Black 1992-2006 0.04 Black 1992-2006 0.05 Black 1992-2006 0.05 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006 Black Black NHE* 1992-2006	SEER 9 Delay-A	diusted Incid	lenceª, 1	975-2006									
Black 1975-2006 0.0 0.0 0.0 0.0												0.3*	0.3*
SEER 13 Delay-Adjusted Incidence ⁸ , 1992-2006 0.4* 0.4* 0.4* 0.4* 0.4* 0.5* 0.5* 0.5* 0.5* 0.5* 0.5* 0.4*	White	1975-2006	0.4*									0.4*	0.4*
######################################	Black	1975-2006	0.0									0.0	0.0
Note 1992-2006 0.5* 0.	SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
Black 1992-2006 0.4 0.4 0.4	All Races	1992-2006	0.4*									0.4*	0.4*
REER 9 Observed Incidence's 1975-2006 0.0	White	1992-2006	0.5*									0.5*	0.5*
All Races 1975-2006 0.0 0.0 0.0 white 1975-2006 0.1 0.1* 0.1* 0.1* 0.1* 0.1* 0.1* 0.1*	Black	1992-2006	0.4									0.4	0.4
Natical 1975-2006 0.1 0.1*	SEER 9 Observe	ed Incidencea,	1975-20	06									
Black 1975-2006 -0.4 -0.4 -0.4 -0.4	All Races	1975-2006	0.0									0.0	0.0
SEER 13 Observed Incidence ^b , 1992-2006 -0.3 -0.3 -0.3 -0.3 -0.3 White 1992-2006 -0.2 -0.2 -0.2 -0.2 -0.2 -0.2 -0.1	White	1975-2006	0.1									0.1*	0.1*
All Races 1992-2006 -0.3 White 1992-2006 -0.2 White NHef 1992-2006 -0.1 Black 1992-2006 -0.4 Black NHef 1992-2006 -0.4 API 1992-2006 -0.9 AI/AN 1992-2006 -0.9 AI/AN 1992-2006 -0.2 U.S. Cancer Mortality, 1975-2006 Hispanic U.S. Cancer Mortality, 1975-2006 Black White NHef Black NHef NHef NHef NHef NHef NHef NHef NHef	Black	1975-2006	-0.4									-0.4	-0.4
White NHef 1992-2006 -0.2 White NHef 1992-2006 -0.1 Black 1992-2006 -0.4 Black NHef 1992-2006 -0.4 Black NHef 1992-2006 -0.4 API 1992-2006 -0.9 AI/ANeg 1992-2006 -0.9 AI/ANeg 1992-2006 -0.2 U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 Black NHef Black White NHef Black White NHef Black White NHef Black White NHef API	SEER 13 Observ	red Incidenceb	, 1992-2	006									
White NHef 1992-2006 -0.1 Black 1992-2006 -0.4 Black NHef 1992-2006 -0.4 APIe 1992-2006 -0.9 AI/ANeg 1992-2006 -0.2 U.S. Cancer Mortality, 1975-2006 All Races White Black U.S. Cancer Mortality, 1992-2006 Black U.S. Cancer Mortality, 1992-2006 Black U.S. Cancer Mortality, 1992-2006 All Races White Black U.S. Cancer Mortality, 1992-2006 All Races White NHef White NHef Haces Whit													
Black 1992-2006 -0.4 Black NHef 1992-2006 -0.4 Black NHef 1992-2006 -0.4 Black NHef 1992-2006 -0.4 AIF and 1992-2006 -0.9 AIF and 1992-2006 -0.9 AIF and 1992-2006 -0.9 AIF and 1992-2006 -0.2 U.S. Cancer Mortalityc, 1975-2006 AIF aces White Black U.S. Cancer Mortalityc, 1992-2006 AIF aces White Black Black White AIF aces Black Blac													
Black NHef 1992-2006 -0.4 APIe 1992-2006 -0.9 AI/ANTeg 1992-2006 2.6 Hispanice 1992-2006 -0.2 U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 All Races White Black Black All Races White All Races													
API ^e 1992-2006 -0.9 AI/AN ^{eg} 1992-2006 2.6 Hispanic ^e 1992-2006 -0.2 <u>U.S. Cancer Mortality^c, 1975-2006</u> All Races White Black <u>U.S. Cancer Mortality^c, 1992-2006</u> All Races White Black All Races White White White All Races													
AI/ANeg 1992-2006 2.6 Hispanice 1992-2006 -0.2 U.S. Cancer Mortalityc, 1975-2006 All Races White Black U.S. Cancer Mortalityc, 1992-2006 All Races White Black Black White White NHef Black Bl													
Hispanic 1992-2006 -0.2 -0.2 <u>U.S. Cancer Mortality 1975-2006</u> All Races White Black <u>U.S. Cancer Mortality 1992-2006</u> All Races White White NHef Black													
U.S. Cancer Mortality ^c , 1975-2006 All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black Black NH ^{ef} API ^e AI/AN ^{eg}													
All Races White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}	Hispanic ^e	1992-2006	-0.2									-0.2	-0.2
White Black U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}		rtality ^c , 197	5-2006										
Black <u>U.S. Cancer Mortality</u> , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}													
U.S. Cancer Mortality ^c , 1992-2006 All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}													
All Races White White NHef Black Black NHef APIe AI/ANeg	Black												
White White NHef Black Black NHef APIe AI/ANeg	U.S. Cancer Mo	rtality ^c , 199	2-2006										
White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg}													
Black Black NH ^{ef} API ^e AI/AN ^{eg}													
Black NH ^{ef} API ^e AI/AN ^{eg}	White NH ^{ef}												
API ^e													
AI/AN ^{eg}													
Hispanic ^e													
	Hispanic ^e												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Leukemia, by Race and Sex

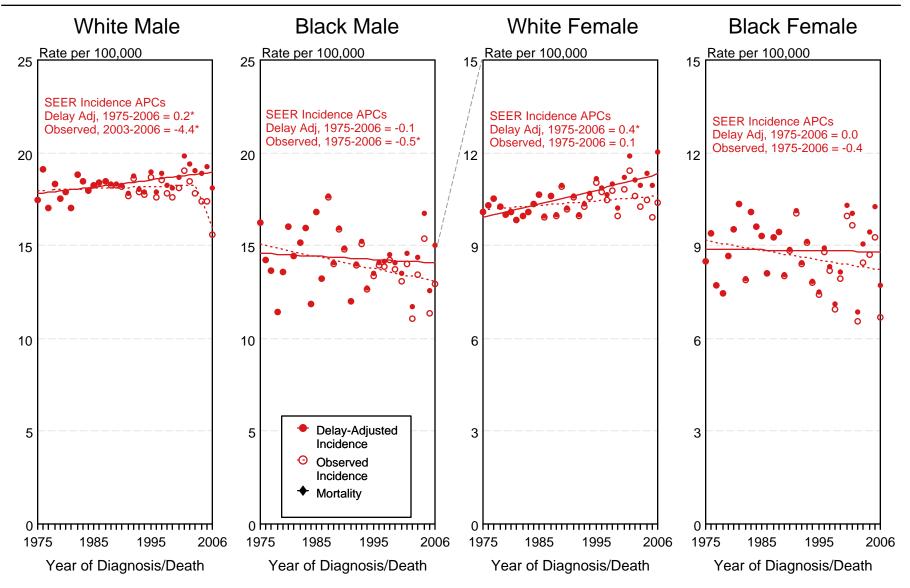


Figure 13.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 14.1 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	Trend 2	Joinpoint 5	Frend 3	Joinpoint T	rend 4	Joinpoint	Trend 5	AAI	oC _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	enceª, 1	975-2006									
All Races	1975-1984	1.4*	1984-1999	4.6*	1999-2002	-0.4	2002-2006	5.4*			3.3*	5.4*
White	1975-1987	1.6*	1987-1998	5.4*	1998-2001	-1.1	2001-2006	4.7*			2.8	4.7*
Black	1975-2006	3.2*									3.2*	3.2*
SEER 13 Delay-	-Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-1996	6.3*	1996-2006	2.9*							2.9*	2.9*
White	1992-1999	5.7*	1999-2002	-0.9	2002-2006	5.1*					3.2*	5.1*
Black	1992-2006	4.0*									4.0*	4.0*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1984	1.3	 1984-1997	4.7*	1997-2006	2.5*					2.5*	2.5*
White	1975-1986	1.4*	1986-1997	5.0*	1997-2006	2.3*					2.3*	2.3*
Black	1975-2006	3.1*									3.1*	3.1*
SEER 13 Observ	red Incidenceb	, 1992-2	006									
All Races	1992-1997	5.7*	1997-2006	2.3*							2.3*	2.3*
White	1992-1999	5.6*	1999-2002	-0.8	2002-2006	4.0*					2.7	4.0*
White NH ^{ef}	1992-1999	5.4*	1999-2002	-1.9	2002-2006	4.0*					2.3	4.0*
Black	1992-2006	3.7*									3.7*	3.7*
Black NH ^{ef}	1992-2006	3.8*									3.8*	3.8*
API ^e	1992-2006	0.6									0.6	0.6
AI/AN ^{eg}	1992-2006	1.7									1.7	1.7
Hispanic ^e	1992-2006	2.7*									2.7*	2.7*
	. 1'. 6 100	- 0006										

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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.

Table 14.2 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER Incidence ab and U.S. Mortality Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint T		Joinpoint I		Joinpoint T		Joinpoint		Joinpoint		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A			975-2006									
All Races	1975-2006	3.6*									3.6*	3.6*
White	1975-1987	1.5	1987-1991	7.9	1991-2006	3.3*					3.3*	3.3*
Black	1975-2006	3.3*									3.3*	3.3*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-2006	3.3*									3.3*	3.3*
White	1992-2006	3.4*									3.4*	3.4*
Black	1992-2006	4.3*									4.3*	4.3*
SEER 9 Observe	d Incidencea,	1975-20	06									
All Races	1975-1986	2.1*	 1986-1996	4.9*	1996-2006	2.6*					2.6*	2.6*
White	1975-1987	1.8*	1987-1996	5.4*	1996-2006	2.6*					2.6*	2.6*
Black	1975-2006	3.3*									3.3*	3.3*
SEER 13 Observ	red Incidenceb	. 1992-2	006									
All Races	1992-1998	4.7*	1998-2006	2.2*							2.4*	2.2*
White	1992-2006	3.2*									3.2*	3.2*
White NH ^{ef}	1992-2006	2.8*									2.8*	2.8*
Black	1992-2006	4.0*									4.0*	4.0*
Black NH ^{ef}	1992-2006	4.1*									4.1*	4.1*
API ^e	1992-2006	0.6									0.6	0.6
AI/AN ^{eg}	1992-2006	1.7									1.7	1.7
Hispanic ^e	1992-2006	2.4*									2.4*	2.4*
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c . 199	2-2006										
All Races	,											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
Toinnoi	nt Pograggian	Drogram	Version 3 3 1	Annil	2009 Nationa	l Cangon	Ingtituto /	http://arc	ah gangor gor	r/ioinnoin	+ / \	

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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.

Black NH^{ef}

API^e
AI/AN^{eg}
Hispanic^e

Table 14.3 Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint 1	Trend 1	Joinpoint :	Trend 2	Joinpoint 7	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC		2002-2006
SEER 9 Delay-	Adiusted Incid	dence ^a 1	975-2006									
All Races	1975-1983	0.5	1983-1997	4.3*	1997-2006	2.0*					2.0*	2.0*
White	1975-1985	0.8	1985-1998	4.1*	1998-2006	0.9					1.2	0.9
Black	1975-2006	2.7*									2.7*	2.7*
SEER 13 Delay	-Adjusted Inci	ldence ^b ,	1992-2006									
All Races	1992-2006	3.1*									3.1*	3.1*
White	1992-1997	7.4*	1997-2006	1.2*							1.2*	1.2*
Black	1992-2006	3.2*									3.2*	3.2*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1983	0.4	 1983-1997	4.4*	1997-2006	1.6*					1.6*	1.6*
White	1975-1985	0.8	1985-1998	4.1*	1998-2006	0.5					0.9	0.5
Black	1975-2006	2.6*									2.6*	2.6*
SEER 13 Observ	ved Incidenceb	, 1992-2	006									
All Races	1992-1997	6.4*	1997-2006	1.4*							1.4*	1.4*
White	1992-1998	6.5*	1998-2006	0.2							0.9	0.2
White NH ^{ef}	1992-1998	6.0*	1998-2006	-0.4							0.3	-0.4
Black	1992-2006	2.8*									2.8*	2.8*
Black NH ^{ef}	1992-2006	2.8*									2.8*	2.8*
API ^e	1992-2006	0.7									0.7	0.7
AI/AN ^{eg}	1992-2006	1.0									1.0	1.0
Hispanic ^e	1992-2006	2.6*									2.6*	2.6*
U.S. Cancer Mo All Races White Black	ortality ^c , 197	5-2006										
U.S. Cancer Mo All Races White White NH ^{ef} Black	ortality ^c , 199	<u>2-2006</u>										

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

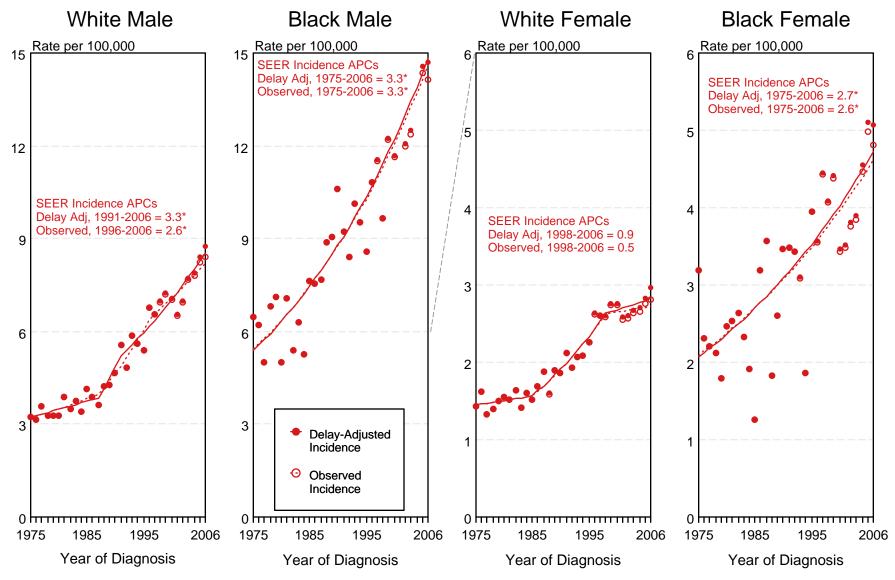
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence and Delay Adjusted Incidence Rates ^a Cancer of the Liver and Intrahepatic Bile Duct, by Race and Sex



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 15.1 Cancer of the Lung and Bronchus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint 7	Trend 2	Joinpoint '	Frend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	denceª, 1	975-2006									
All Races	1975-1982	2.5*	1982-1991	1.0*	1991-2006	-0.8*					-0.8*	-0.8*
White	1975-1982	2.5*	1982-1991	1.1*	1991-2006	-0.6*					-0.6*	-0.6*
Black	1975-1985	3.2*	1985-2006	-0.9*							-0.9*	-0.9*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-1.1*									-1.1*	-1.1*
White	1992-2006	-1.0*									-1.0*	-1.0*
Black	1992-2006	-1.3*									-1.3*	-1.3*
SEER 9 Observe	d Incidencea,	1975-20	06									
All Races	1975-1982	2.5*	1982-1991	1.0*	1991-2006	-0.8*					-0.8*	-0.8*
White	1975-1987	2.0*	1987-1998	-0.1	1998-2006	-1.1*					-1.0*	-1.1*
Black	1975-1986	2.8*	1986-2006	-1.1*							-1.1*	-1.1*
SEER 13 Observ	ed Incidence ^l	°, 1992-2	006									
All Races	1992-2006	-1.2*									-1.2*	-1.2*
White	1992-1998	-0.5	1998-2006	-1.5*							-1.4*	-1.5*
White NH ^{ef}	1992-1998	-0.4	1998-2006	-1.2*							-1.1*	-1.2*
Black	1992-2006	-1.4*									-1.4*	-1.4*
Black NH ^{ef}	1992-2006	-1.4*									-1.4*	-1.4*
API ^e	1992-2006	-0.7*									-0.7*	-0.7*
AI/AN ^{eg}	1992-2006	-0.3									-0.3	-0.3
Hispanic ^e	1992-2006	-1.8*									-1.8*	-1.8*
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 15.2 Cancer of the Lung and Bronchus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '		Joinpoint '		Joinpoint '		Joinpoint '		Joinpoint		AA1	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2006									
All Races	1975-1982	1.4*	1982-1991	-0.4	1991-2006	-1.8*					-1.8*	-1.8*
White	1975-1981	1.5*	1981-1990	-0.2	1990-2006	-1.7*					-1.7*	-1.7*
Black	1975-1984	2.9*	1984-1998	-1.4*	1998-2006	-3.3*					-3.1*	-3.3*
SEER 13 Delay-	Adjusted Inc		1992-2006									
All Races	1992-2006	-2.0*									-2.0*	-2.0*
White	1992-2006	-2.0*									-2.0*	-2.0*
Black	1992-2006	-2.6*									-2.6*	-2.6*
SEER 9 Observe			<u>06</u>									
All Races	1975-1982	1.4*	1982-1991	-0.4	1991-2006	-1.9*					-1.9*	-1.9*
White	1975-1981	1.4*	1981-1989	-0.1	1989-2003		2003-2006	-3.3*			-2.2*	-2.9*
Black	1975-1984	2.9*	1984-1998	-1.4*	1998-2006	-3.6*					-3.3*	-3.6*
SEER 13 Observ	red Incidence	°, 1992-2	006									
All Races	1992-2003	-1.9*	2003-2006	-3.3*							-2.4*	-3.0*
White	1992-2006	-2.1*									-2.1*	-2.1*
White NH ^{ef}	1992-2006	-1.9*									-1.9*	-1.9*
Black	1992-2006	-2.7*									-2.7*	-2.7*
Black NH ^{ef}	1992-2006										-2.7*	-2.7*
API ^e	1992-2006	-1.2*									-1.2*	-1.2*
AI/AN ^{eg}	1992-2006	-2.2*									-2.2*	-2.2*
Hispanic ^e	1992-2006	-2.3*									-2.3*	-2.3*
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
										, , , , , ,		

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 15.3 Cancer of the Lung and Bronchus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint 7	Trend 1	Joinpoint '	Trend 2	Joinpoint T	rend 3	Joinpoint 1	Trend 4	Joinpoint	Trend 5	AAI	5G _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	lenceª, 1	975-2006									
All Races	1975-1982	5.6*	1982-1991	3.4*	1991-2006	0.4*					0.4*	0.4*
White	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2006	0.1			0.1	0.1
Black	1975-1990	4.2*	1990-2006	0.6*							0.6*	0.6*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-1997	0.7	1997-2006	-0.3							-0.3*	-0.3*
White	1992-1997	1.0	1997-2006	-0.4*							-0.4*	-0.4*
Black	1992-2006	0.6*									0.6*	0.6*
SEER 9 Observe	d Incidencea,	1975-20	06									
All Races	1975-1982	5.5*	 1982-1990	3.5*	1990-1998	1.0*	1998-2006	-0.1			0.0	-0.1
White	1975-1982	5.6*	1982-1988	4.1*	1988-1997	1.6*	1997-2006	-0.1			-0.1	-0.1
Black	1975-1990	4.3*	1990-2006	0.4							0.4	0.4
SEER 13 Observ	ed Incidenceb	, 1992-2	006									
All Races	1992-1998	0.6	1998-2006	-0.6*							-0.5*	-0.6*
White	1992-1997	1.1*	1997-2006	-0.6*							-0.6*	-0.6*
White NH ^{ef}	1992-1997	1.3*	1997-2006	-0.4							-0.4	-0.4
Black	1992-2006	0.5									0.5*	0.5*
Black NH ^{ef}	1992-2006	0.5*									0.5*	0.5*
API ^e	1992-2006	0.4									0.4	0.4
AI/AN ^{eg}	1992-2006	2.2*									2.2*	2.2*
Hispanic ^e	1992-2006	-1.3*									-1.3*	-1.3*
U.S. Cancer Mo	rtality ^c . 197	5-2006										

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

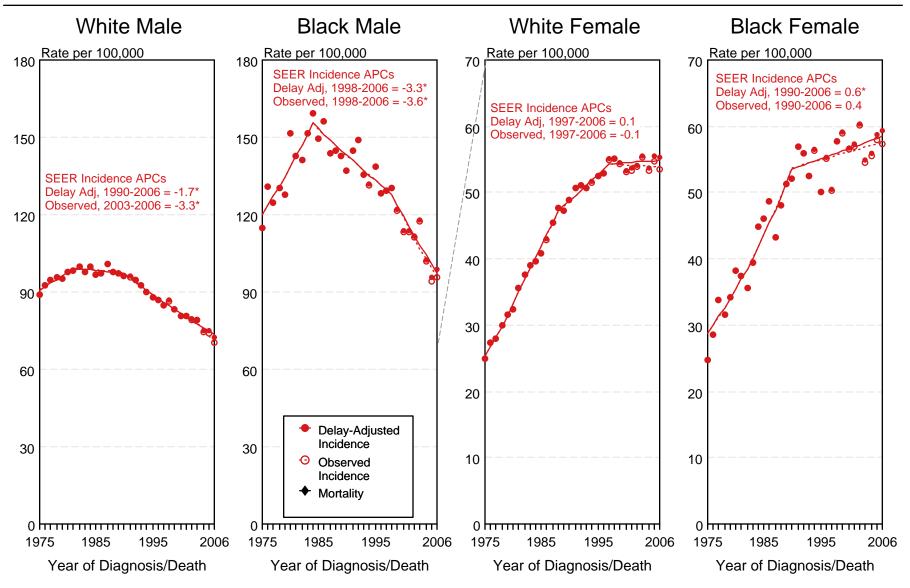
 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Lung and Bronchus, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Lung and Bronchus, Ages 65 and Over, by Race and Sex

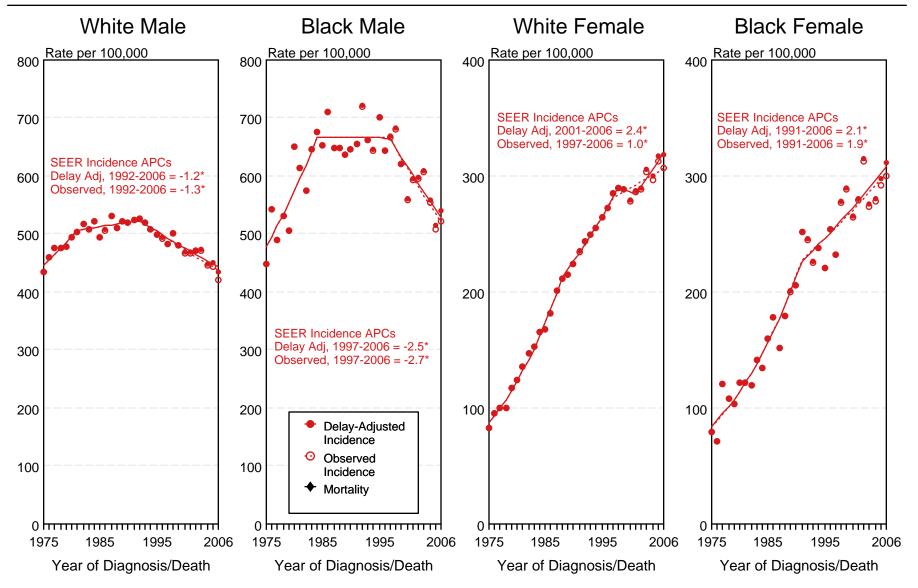
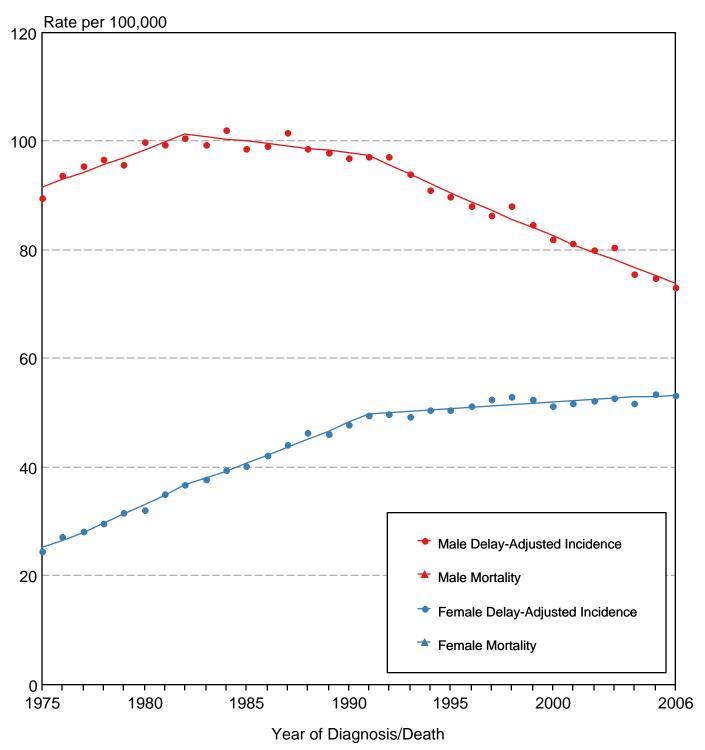


Figure 15.3

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

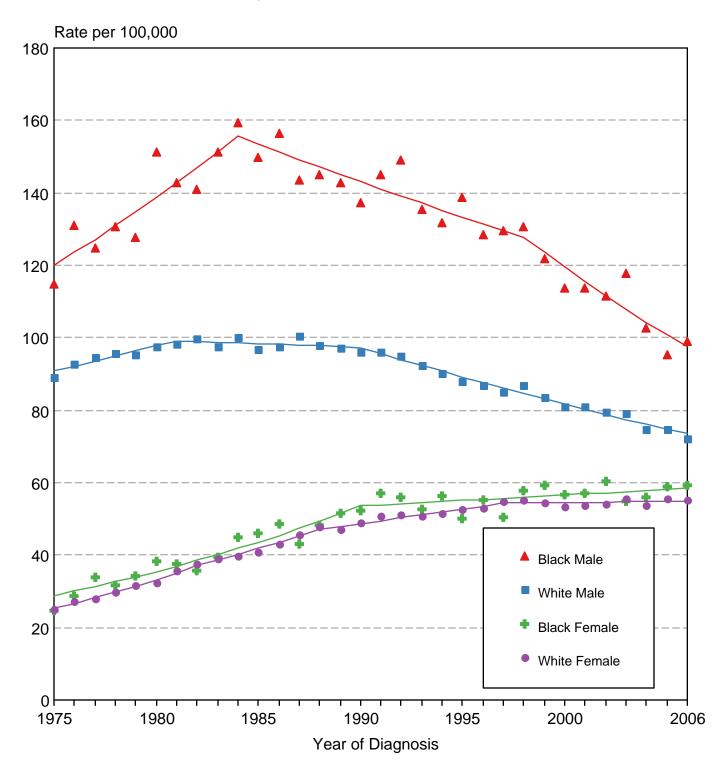
The APC is significantly different from zero (p < 0.05).

Cancer of the Lung & Bronchus SEER Delay-Adjusted Incidence & US Death Rates, 1975-2006, All Races, By Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.

Cancer of the Lung & Bronchus SEER Delay-Adjusted Incidence, 1975-2006 By Sex and Race



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.

Table 16.1 Melanoma of the Skin (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	denceª, 1	975-2006									
All Races	1975-1981	5.9*	1981-2006	2.9*							2.9*	2.9*
White	1975-1981	6.4*	1981-2006	3.2*							3.2*	3.2*
Black	-	-									-	-
SEER 13 Delay-	Adjusted Inc:	idence ^b ,	1992-2006									
All Races	1992-2006	2.5*									2.5*	2.5*
White	1992-2006	3.0*									3.0*	3.0*
Black	-	-									-	-
SEER 9 Observe	d Incidencea,	1975-20	06									
All Races	1975-1985	4.6*	1985-2006	2.6*							2.6*	2.6*
White	1975-1981	6.5*	1981-2006	3.1*							3.1*	3.1*
Black	1975-2006	-0.5									-0.5	-0.5
SEER 13 Observ	ed Incidence	, 1992-2	006									
All Races	1992-1996	4.6*	1996-2006	1.7*							1.7*	1.7*
White	1992-1996	5.2*	1996-2006	2.2*							2.2*	2.2*
White NH ^{ef}	1992-2006	3.2*									3.2*	3.2*
Black	1992-1995	31.7*	1995-2006	-5.1*							-5.1*	-5.1*
Black NH ^{ef}	1992-1994	59.8	1994-2006	-4.2*							-4.2*	-4.2*
API ^e	1992-2006	1.7									1.7	1.7
AI/AN ^{eg}	1992-2006	0.3									0.3	0.3
Hispanic ^e	1992-1999	4.5*	1999-2006	-1.9							-0.5	-1.9

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- 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.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 16.2 Melanoma of the Skin (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint		Joinpoint 5		Joinpoint		Joinpoint		Joinpoint		AAI	
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A												
All Races	1975-1986	5.4*	1986-2006	3.1*							3.1*	3.1*
White	1975-1986	5.8*	1986-2006	3.3*							3.3*	3.3*
Black	-	-									-	-
SEER 13 Delay-	Adjusted Inc.	idence ^b ,	1992-2006									
All Races	1992-2006	2.6*									2.6*	2.6*
White	1992-2006	3.0*									3.0*	3.0*
Black	_	-									-	-
SEER 9 Observe	ed Incidencea	1975-20	06									
All Races	1975-1986	5.5*	1986-2006	2.9*							2.9*	2.9*
White	1975-1986	5.8*	1986-2006	3.1*							3.1*	3.1*
Black	1975-2006	0.2									0.2	0.2
SEER 13 Observ	red Incidence	1992-2	006									
All Races	1992-1996	5.0*	1996-2006	1.7*							1.7*	1.7*
White	1992-2006	2.7*	1990 2000	±•,							2.7*	2.7*
White NH ^{ef}	1992-2006	3.1*									3.1*	3.1*
Black	1992-1995	71.0*	1995-2006	-8.4*							-8.4*	-8.4*
Black NH ^{ef}	1992-1995	71.4*	1995-2006	-8.2*							-8.2*	-8.2*
API ^e	1992-2006	1.7									1.7	1.7
AI/AN ^{eg}	1992-2006	1.7									1.7	1.7
Hispanic ^e	1992-2006	1.6									1.6*	1.6*
U.S. Cancer Mo	ortality ^c . 195	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortalitus 100	22-2006										
All Races	rearrey, 172	2 2000										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
11100011110												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 16.3 Melanoma of the Skin (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint T	rend 2	Joinpoint T	rend 3	Joinpoint T	rend 4	Joinpoint	Trend 5	AA:	PC^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	denceª, 1	975-2006									
All Races	1975-1981	5.7*	1981-1993	1.9*	1993-2006	3.0*					3.0*	3.0*
White	1975-1981	6.1*	1981-1993	2.2*	1993-2006	3.4*					3.4*	3.4*
Black	_	-									-	-
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	2.4*									2.4*	2.4*
White	1992-2006	3.0*									3.0*	3.0*
Black	-	_									_	_
SEER 9 Observe												
All Races	1975-1980	5.6*	1980-2006	2.4*							2.4*	2.4*
White	1975-1981	6.3*	1981-1994	2.0*	1994-1997	5.3	1997-2006	2.5*			2.5*	2.5*
Black	1975-2006	-1.0									-1.0*	-1.0*
SEER 13 Observ	ed Incidence	°, 1992-2	006									
All Races	1992-2006	2.2*									2.2*	2.2*
White	1992-2006	2.8*									2.8*	2.8*
White NH ^{ef}	1992-2006	3.4*									3.4*	3.4*
Black	1992-2006	-0.9									-0.9	-0.9
Black NH ^{ef}	1992-2006	-1.0									-1.0	-1.0
API ^e	1992-2006	1.9									1.9	1.9
AI/AN ^{eg}	1992-2006	0.2									0.2	0.2
Hispanic ^e	1992-2006	0.6									0.6	0.6
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races	-											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

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

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

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Melanoma of the Skin, White, by Sex

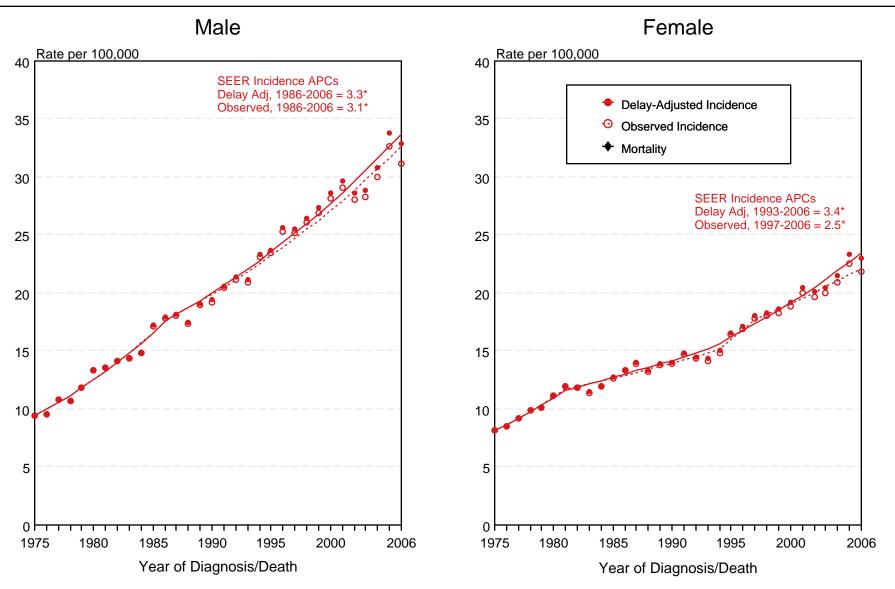


Figure 16.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 18.1 Myeloma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Adjusted Incidence ^a , 1975-2006												
All Races	1975-1991	1.2*	1991-2006	0.2							0.2	0.2
White	1975-2006	0.7*									0.7*	0.7*
Black	1975-2006	0.7*									0.7*	0.7*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	0.2									0.2	0.2
White	1992-2006	0.2									0.2	0.2
Black	1992-2006	0.2									0.2	0.2
SEER 9 Observed Incidence ^a , 1975-2006												
All Races	1975-1997	1.0*	1997-2006	-0.8							-0.8*	-0.8*
White	1975-1997	1.0*	1997-2006	-0.7							-0.7	-0.7
Black	1975-1994	1.3*	1994-2006	-0.8							-0.8	-0.8
SEER 13 Observed Incidence ^b , 1992-2006												
All Races	1992-2006	-0.3									-0.3	-0.3
White	1992-2006	-0.2									-0.2	-0.2
White NH ^{ef}	1992-2006	-0.2									-0.2	-0.2
Black	1992-2006	-0.3									-0.3	-0.3
Black NH ^{ef}	1992-2006	-0.3									-0.3	-0.3
API ^e	1992-2006	-0.7									-0.7	-0.7
AI/AN ^{eg}	1992-2006	1.2									1.2	1.2
Hispanic ^e	1992-2006	-0.4									-0.4	-0.4
U.S. Cancer Mc	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 18.2 Myeloma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint 5	Trend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	denceª, 1	975-2006									
All Races	1975-2006	0.7*									0.7*	0.7*
White	1975-2006	0.8*									0.8*	0.8*
Black	1975-2006	0.5*									0.5*	0.5*
SEER 13 Delay-	-Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	0.1									0.1	0.1
White	1992-2006	0.2									0.2	0.2
Black	1992-2006	0.5									0.5	0.5
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2002	0.8*	2002-2006	-3.0							-0.9	-3.0
White	1975-2002	0.9*	2002-2006	-3.2							-0.9	-3.2
Black	1975-2006	0.3									0.3	0.3
SEER 13 Observ	red Incidence ^h	o, 1992-2	006									
All Races	1992-2006	-0.3									-0.3	-0.3
White	1992-2006	-0.3									-0.3	-0.3
White NH ^{ef}	1992-2006	-0.2									-0.2	-0.2
Black	1992-2006	0.0									0.0	0.0
Black NH ^{ef}	1992-2006	0.0									0.0	0.0
API ^e	1992-2006	-1.4									-1.4*	-1.4*
AI/AN ^{eg}	1992-2006	-1.3									-1.3	-1.3
Hispanic ^e	1992-2006	-0.7									-0.7	-0.7
U.S. Cancer Mo	ortality ^c , 197	<u> 75-2006</u>										
All Races												
White												
Black												
U.S. Cancer Mc	ortality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 18.3 Myeloma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	lenceª, 1	975-2006									
All Races	1975-2006	0.6*									0.6*	0.6*
White	1975-2006	0.5*									0.5*	0.5*
Black	1975-2006	0.9*									0.9*	0.9*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-2006	0.1									0.1	0.1
White	1992-2006	0.0									0.0	0.0
Black	1992-2006	-0.1									-0.1	-0.1
SEER 9 Observe												
All Races	1975-1997	0.9*	1997-2006	-1.1							-1.1*	-1.1*
White	1975-1997	0.8*	1997-2006	-1.1							-1.1	-1.1
Black	1975-1996	1.6*	1996-2006	-1.4							-1.4	-1.4
SEER 13 Observ			006									
All Races	1992-2006	-0.3									-0.3	-0.3
White	1992-2006	-0.4									-0.4	-0.4
White NH ^{ef}	1992-2006	-0.5									-0.5	-0.5
Black	1992-2006	-0.7									-0.7	-0.7
Black NH ^{ef}	1992-2006	-0.7									-0.7	-0.7
API ^e	1992-2006	0.3									0.3	0.3
AI/AN ^{eg}	1992-2006	3.6									3.6	3.6
Hispanic ^e	1992-2006	-0.1									-0.1	-0.1
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

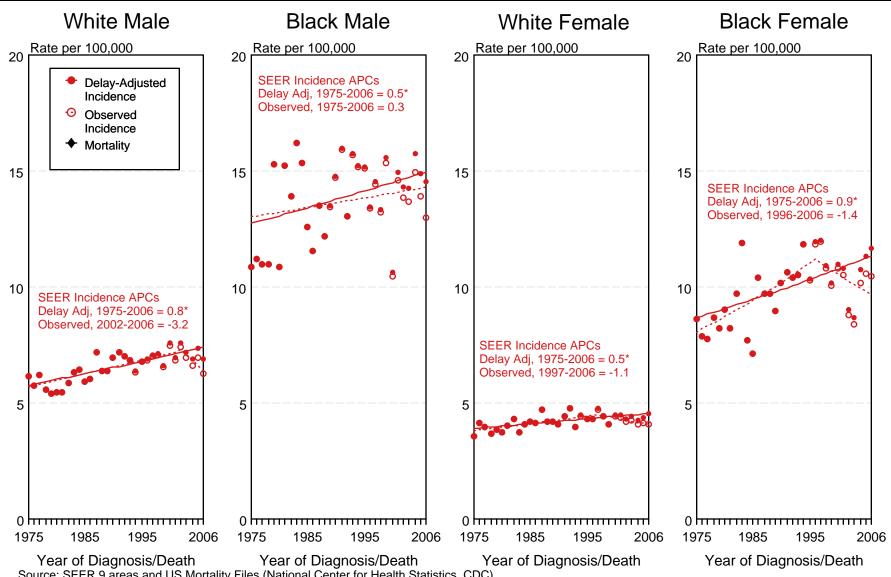
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Myeloma, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

The APC is significantly different from zero (p < 0.05).

Figure 18.1

Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

Table 19.1 Non-Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 1		Joinpoint I		Joinpoint :		Joinpoint		Joinpoint		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	dencea, 1	975-2006									
All Races	1975-1991	3.6*	1991-2006	0.6*							0.6*	0.6*
White	1975-1990	3.8*	1990-2006	0.8*							0.8*	0.8*
Black	1975-1992	4.9*	1992-2006	1.1*							1.1*	1.1*
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	0.4*									0.4*	0.4*
White	1992-2006	0.5*									0.5*	0.5*
Black	1992-2006	1.1*									1.1*	1.1*
SEER 9 Observe												
All Races	1975-1991	3.6*	1991-2004	0.6*	2004-2006	-2.1					0.0	-0.8
White	1975-1991	3.7*	1991-2006	0.5*							0.5*	0.5*
Black	1975-1993	4.7*	1993-2006	0.6							0.6	0.6
SEER 13 Observ	red Incidenceb	, 1992-2	006									
All Races	1992-2006	0.3									0.3*	0.3*
White	1992-2006	0.3*									0.3*	0.3*
White NH ^{ef}	1992-2006	0.5*									0.5*	0.5*
Black	1992-2006	0.8*									0.8*	0.8*
Black NH ^{ef}	1992-2006	0.7*									0.7*	0.7*
API ^e	1992-2006	-0.2									-0.2	-0.2
AI/AN ^{eg}	1992-2006	3.2									3.2*	3.2*
Hispanic ^e	1992-2006	-0.1									-0.1	-0.1
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
					0000 77 1	_				,		

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

Table 19.2 Non-Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint 1	Frend 1	Joinpoint '	Trend 2	Joinpoint	t Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	denceª, 1	975-2006									
All Races	1975-1991	4.2*	1991-2006	0.3							0.3	0.3
White	1975-1990	4.5*	1990-2006	0.5*							0.5*	0.5*
Black	1975-1994	5.4*	1994-2006	-0.3							-0.3	-0.3
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2006	0.0									0.0	0.0
White	1992-2006	0.1									0.1	0.1
Black	1992-2006	0.1									0.1	0.1
SEER 9 Observe												
All Races	1975-1991	4.3*	1991-2006	0.1							0.1	0.1
White	1975-1991	4.3*	1991-2006	0.1							0.1	0.1
Black	1975-1994	5.5*	1994-2006	-0.6							-0.6	-0.6
SEER 13 Observ			006									
All Races	1992-2006	-0.2									-0.2	-0.2
White	1992-2006	-0.1									-0.1	-0.1
White NH ^{ef}	1992-2006	0.1									0.1	0.1
Black	1992-2006	-0.2									-0.2	-0.2
Black NH ^{ef}	1992-2006	-0.3									-0.3	-0.3
API ^e	1992-2006	-0.5									-0.5	-0.5
AI/AN ^{eg}	1992-2006	2.9									2.9	2.9
Hispanic ^e	1992-2006	-0.7									-0.7	-0.7
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
			Manaian 2 2									

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 19.3 Non-Hodgkin Lymphoma

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	Trend 2	Joinpoint '	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	lenceª, 1	975-2006									
All Races	1975-1990	2.9*	1990-2006	1.1*							1.1*	1.1*
White	1975-1990	2.9*	1990-2006	1.2*							1.2*	1.2*
Black	1975-2006	2.8*									2.8*	2.8*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-2006	1.1*									1.1*	1.1*
White	1992-2006	1.2*									1.2*	1.2*
Black	1992-2006	2.5*									2.5*	2.5*
SEER 9 Observe			06									
All Races	1975-1990	2.8*	1990-2004	1.2*	2004-2006	-2.5					0.3	-0.7
White	1975-1990	2.9*	1990-2006	1.0*							1.0*	1.0*
Black	1975-2006	2.6*									2.6*	2.6*
SEER 13 Observ	red Incidenceb	, 1992-2	006									
All Races	1992-2004	1.2*	2004-2006	-2.6							0.4	-0.7
White	1992-2006	0.9*									0.9*	0.9*
White NH ^{ef}	1992-2006	1.0*									1.0*	1.0*
Black	1992-2006	2.1*									2.1*	2.1*
Black NH ^{ef}	1992-2006	2.1*									2.1*	2.1*
API ^e	1992-2006	0.3									0.3	0.3
AI/AN ^{eg}	1992-2006	3.9									3.9*	3.9*
Hispanic ^e	1992-2006	0.7*									0.7*	0.7*
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
						_				,		

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Non-Hodgkin Lymphoma, by Race and Sex

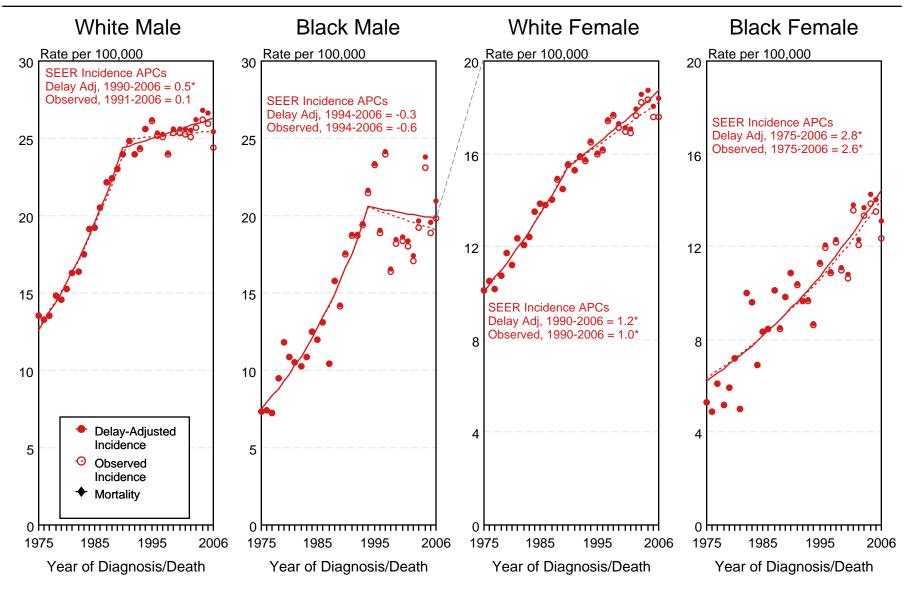


Figure 19.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 20.1a Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint '	Frend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adjusted Incid	lenceª, 1	975-2006									
All Races	1975-1981	0.6	1981-2006	-1.1*							-1.1*	-1.1*
White	1975-2006	-0.8*									-0.8*	-0.8*
Black	1975-1984	2.4*	1984-2006	-2.5*							-2.5*	-2.5*
SEER 13 Delay-	-Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-2006	-1.3*									-1.3*	-1.3*
White	1992-2006	-1.0*									-1.0*	-1.0*
Black	1992-2006	-2.6*									-2.6*	-2.6*
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-1981	0.7	 1981-2006	-1.1*							-1.1*	-1.1*
White	1975-2006	-0.9*									-0.9*	-0.9*
Black	1975-1984	2.5*	1984-2006	-2.6*							-2.6*	-2.6*
SEER 13 Observ	ved Incidenceb	. 1992-2	006									
All Races	1992-2006	-1.4*									-1.4*	-1.4*
White	1992-2006	-1.2*									-1.2*	-1.2*
White NH ^{ef}	1992-2006	-0.9*									-0.9*	-0.9*
Black	1992-2006	-2.8*									-2.8*	-2.8*
Black NH ^{ef}	1992-2006	-2.7*									-2.7*	-2.7*
API ^e	1992-2006	-1.3*									-1.3*	-1.3*
AI/AN ^{eg}	1992-2006	-3.4*									-3.4*	-3.4*
Hispanic ^e	1992-2006	-2.3*									-2.3*	-2.3*
U.S. Cancer Mo	ortality ^c , 197	5-2006										
All Races		.										
White												
Black												
U.S. Cancer Mo	ortality ^c 199	2-2006										
All Races	<u> </u>											
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-												
Joinnoi	int Regression	Drogram	Version 3 3	1 Anril	2008 Nation	nal Cancer	Institute (httn://era	ah cancer dow	/ioinnoint	- /)	

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 20.2 Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAl	C_q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adiusted Inci	denceª, 1	975-2006									
All Races	1975-2006	-1.2*									-1.2*	-1.2*
White	1975-2006	-1.1*									-1.1*	-1.1*
Black	1975-1987	1.9*	1987-2006	-3.2*							-3.2*	-3.2*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-1.5*									-1.5*	-1.5*
White	1992-2006	-1.2*									-1.2*	-1.2*
Black	1992-2006	-3.2*									-3.2*	-3.2*
SEER 9 Observe												
All Races	1975-1983	-0.2	1983-2006	-1.4*							-1.4*	-1.4*
White	1975-2006	-1.2*									-1.2*	-1.2*
Black	1975-1987	1.9*	1987-2006	-3.3*							-3.3*	-3.3*
SEER 13 Observ	ved Incidence	b, 1992-2	006									
All Races	1992-2006	-1.6*									-1.6*	-1.6*
White	1992-2006	-1.3*									-1.3*	-1.3*
White NH ^{ef}	1992-2006	-1.1*									-1.1*	-1.1*
Black	1992-2006	-3.3*									-3.3*	-3.3*
Black NH ^{ef}	1992-2006	-3.3*									-3.3*	-3.3*
API ^e	1992-2006	-1.6*									-1.6*	-1.6*
AI/AN ^{eg}	1992-2006	-6.6*									-6.6*	-6.6*
Hispanic ^e	1992-2006	-2.6*									-2.6*	-2.6*
U.S. Cancer Mo	ortality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races		-										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
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Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 20.3 Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint 1	Frend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adjusted Incid	denceª, 1	975-2006									
All Races	1975-1980	2.5	1980-2006	-0.9*							-0.9*	-0.9*
White	1975-1981	2.0	1981-2006	-0.9*							-0.9*	-0.9*
Black	1975-2006	-1.3*									-1.3*	-1.3*
SEER 13 Delay-	-Adiusted Inci	idence ^b .	1992-2006									
All Races	1992-2006	-1.1*									-1.1*	-1.1*
White	1992-2006	-1.2*									-1.2*	-1.2*
Black	1992-2006	-1.0									-1.0*	-1.0*
SEER 9 Observe	ed Incidencea	1975-20	06									
All Races	1975-1980	2.6*	1980-2006	-1.0*							-1.0*	-1.0*
White	1975-1981	2.1*	1981-2006	-1.0*							-1.0*	-1.0*
Black	1975-2006	-1.4*									-1.4*	-1.4*
SEER 13 Observ	and Theideneeb	1000	006									
All Races	1992-2006	-1.3*	006								-1.3*	-1.3*
White	1992-2006	-1.4*									-1.4*	-1.4*
White NH ^{ef}	1992-2006	-1.1*									-1.1*	-1.1*
Black	1992-2006	-1.2*									-1.2*	-1.2*
Black NH ^{ef}	1992-2006	-1.1									-1.1*	-1.1*
API ^e	1992-2006	-0.8									-0.8	-0.8
AI/AN ^{eg}	1992-2006	1.9									1.9	1.9
Hispanice	1992-2006	-2.0*									-2.0*	-2.0*
U.S. Cancer Mc All Races White Black	ortality ^c , 197	5-2006										
U.S. Cancer Mo	ortality ^c . 199	2-2006										
All Races	JI 001107 / 177	2 2000										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
Toinnoi	int Rearession	Drogram	Wordion 2 2	1 April	2009 Matio	aal Cangor	Ingtituto (1	http://arc	ah gangor gov	:/ioinpoin	- / \	

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

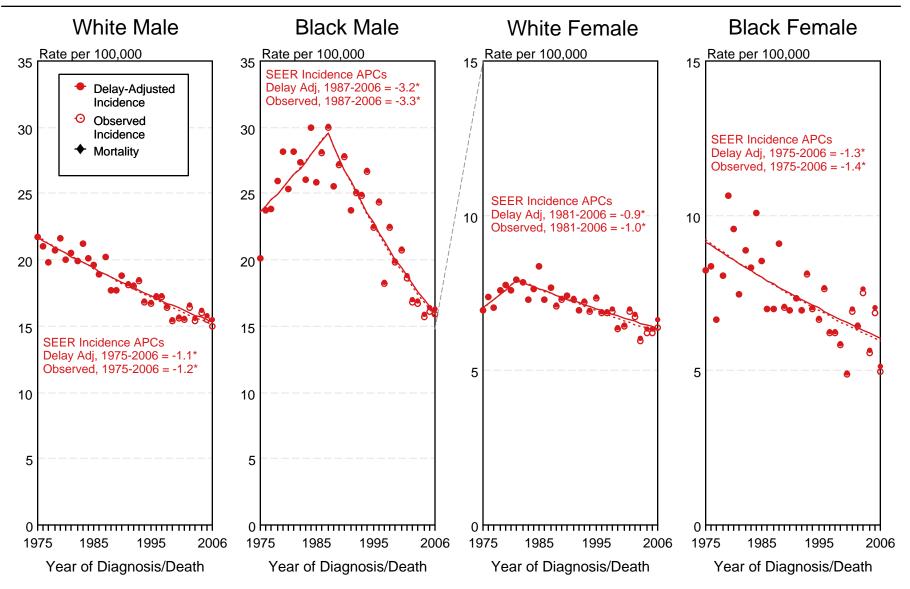
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

Figure 20.1

The APC is significantly different from zero (p < 0.05).

Table 21.1 Cancer of the Ovary (Invasive)

Trends in SEER Incidence ab and U.S. Mortality c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	<u>Joinpoint</u>		Joinpoint '		<u>Joinpoint</u>		<u>Joinpoint</u>		<u>Joinpoint</u>		AAI	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Inci	dence ^a , 1	975-2006									
All Races	1975-1985	0.1	1985-2001	-0.7*	2001-2006	-2.1*					-1.5*	-2.1*
White	1975-1989	0.1	1989-2006	-1.0*							-1.0*	-1.0*
Black	1975-2006	-0.5*									-0.5*	-0.5*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2001	-0.6*	2001-2006	-1.9*							-1.3*	-1.9*
White	1992-2001	-0.4*	2001-2006	-2.1*							-1.4*	-2.1*
Black	1992-2006	-0.7									-0.7	-0.7
SEER 9 Observe	ed Incidencea	, 1975-20	06									
All Races	1975-1985	0.1	1985-2001	-0.7*	2001-2006	-2.6*					-1.8*	-2.6*
White	1975-1985	0.3	1985-2001	-0.7*	2001-2006	-2.9*					-1.9*	-2.9*
Black	1975-2006	-0.6*									-0.6*	-0.6*
SEER 13 Observ	red Incidence	^b , 1992-2	1006									
All Races	1992-2001	-0.6*	2001-2006	-2.4*							-1.6*	-2.4*
White	1992-2001	-0.5*	2001-2006	-2.7*							-1.7*	-2.7*
White NH ^{ef}	1992-2001	-0.5	2001-2006	-2.6*							-1.7*	-2.6*
Black	1992-2006	-0.9									-0.9*	-0.9*
Black NH ^{ef}	1992-2006	-0.9									-0.9	-0.9
API ^e	1992-2006	0.0									0.0	0.0
AI/AN ^{eg}	1992-2006	0.7									0.7	0.7
Hispanic ^e	1992-2006	-0.6									-0.6	-0.6
U.S. Cancer Mo All Races White Black	ortality ^c , 19	<u>75-2006</u>										
U.S. Cancer Mo	ortality ^c , 19	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
Joinpo: The APC Trends	int Regressio C is the Annu	n Program al Percen SEER 9 a	ses or histol Version 3.3. t Change base reas (San Fra	1, April d on rate ncisco, (2008, Nationa es age-adjuste Connecticut, I	al Cancer ed to the Detroit, F	Institute. 2000 US Std Hawaii, Iowa	Population, New Mexic	n (19 age gro co, Seattle,	oups - Cen Utah, and	sus P25-1130 Atlanta).	

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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.

Table 21.2 Cancer of the Ovary (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages <65 by Race/Ethnicity

	Joinpoint '		<u>Joinpoint</u>		<u>Joinpoint</u>		<u>Joinpoint</u>		<u>Joinpoint</u>		AA1	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adjusted Incid	denceª, 1	<u>975-2006</u>									
All Races	1975-2006	-1.1*									-1.1*	-1.1*
White	1975-2006	-1.1*									-1.1*	-1.1*
Black	1975-2006	-1.0*									-1.0*	-1.0*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-0.9*									-0.9*	-0.9*
White	1992-2006	-1.0*									-1.0*	-1.0*
Black	1992-2006	-0.3									-0.3	-0.3
SEER 9 Observe	ed Incidencea,	1975-20	06									
All Races	1975-2006	-1.2*									-1.2*	-1.2*
White	1975-2006	-1.2*									-1.2*	-1.2*
Black	1975-2006	-1.1*									-1.1*	-1.1*
SEER 13 Observ	ved Incidence ¹	o, 1992-2	006									
All Races	1992-2006	-1.1*									-1.1*	-1.1*
White	1992-2001	-0.3	2001-2006	-3.2*							-2.0*	-3.2*
White NH ^{ef}	1992-2006	-1.2*									-1.2*	-1.2*
Black	1992-2006	-0.6									-0.6	-0.6
Black NH ^{ef}	1992-2006	-0.6									-0.6	-0.6
API ^e	1992-2006	-0.3									-0.3	-0.3
AI/AN ^{eg}	1992-2006	-0.4									-0.4	-0.4
Hispanic ^e	1992-2006	-0.7									-0.7	-0.7
U.S. Cancer Mo	ortality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
Ovary 6	excludes borde	erline ca	ses or histol	ogies 844	2, 8451, 846	52, 8472, a	nd 8473.					
Joinpoi	int Regression	n Program	Version 3.3.	1, April	2008, Nation	nal Cancer	Institute. (
	C is the Annua).

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

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry). Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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.

Table 21.3 Cancer of the Ovary (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages 65+ by Race/Ethnicity

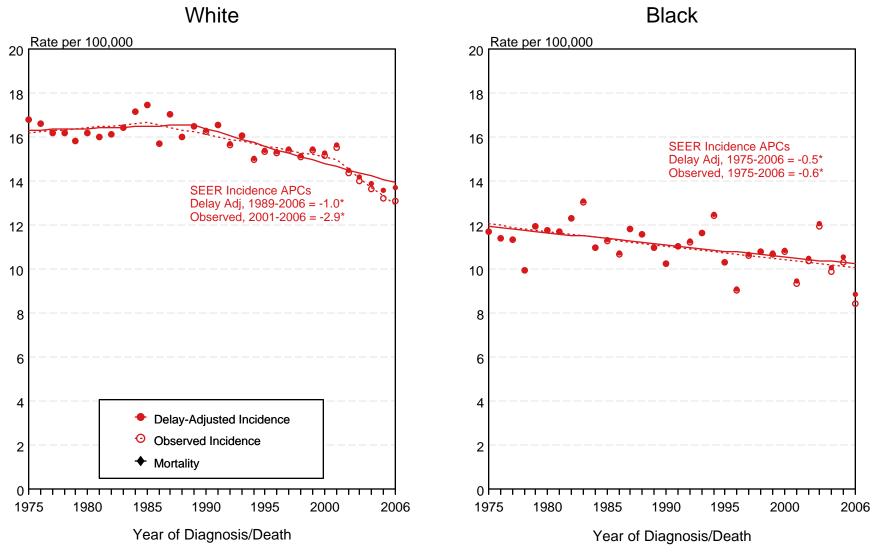
	Joinpoint Tr		Joinpoint 5		Joinpoint		<u>Joinpoint</u>		<u>Joinpoint</u>		AA1	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	Adjusted Incide	enceª, 1	975-200 <u>6</u>									
All Races	1975-1990	1.4*	1990-2006	-1.0*							-1.0*	-1.0*
White	1975-1990	1.5*	1990-2006	-0.8*							-0.8*	-0.8*
Black	1975-2003	0.5	2003-2006	-12.9							-4.2	-9.7
SEER 13 Delay-	-Adjusted Incid	dence ^b ,	1992-2006									
All Races	1992-2006	-1.0*									-1.0*	-1.0*
White	1992-2006	-0.9*									-0.9*	-0.9*
Black	1992-2006	-1.0									-1.0	-1.0
SEER 9 Observe	ed Incidenceª,	1975-20	06									
All Races	1975-1990	1.4*	1990-2006	-1.1*							-1.1*	-1.1*
White	1975-1990	1.5*	1990-2006	-1.0*							-1.0*	-1.0*
Black	1975-2003	0.5	2003-2006	-13.9							-4.6	-10.5
SEER 13 Observ	ved Incidenceb,	1992-2	006									
All Races	1992-2006	-1.2*									-1.2*	-1.2*
White	1992-2006	-1.1*									-1.1*	-1.1*
White NH ^{ef}	1992-2006	-1.1*									-1.1*	-1.1*
Black	1992-2006	-1.2									-1.2	-1.2
Black NH ^{ef}	1992-2006	-1.3									-1.3	-1.3
API ^e	1992-2006	0.6									0.6	0.6
AI/AN ^{eg}	1992-2006	1.3									1.3	1.3
Hispanic ^e	1992-2006	-0.4									-0.4	-0.4
U.S. Cancer Mo	ortality ^c , 1975	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	ortality ^c , 1992	2-2006										
All Races		-										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
	excludes border											
	int Regression											
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rrenas	are from the S											•
	PC is the Avera										•	

API - Asian/Pacific Islander, Al/AN - American Indian/Alaska Native, NH - Non-Hispanic
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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Ovary, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Ovary, by Age and Race

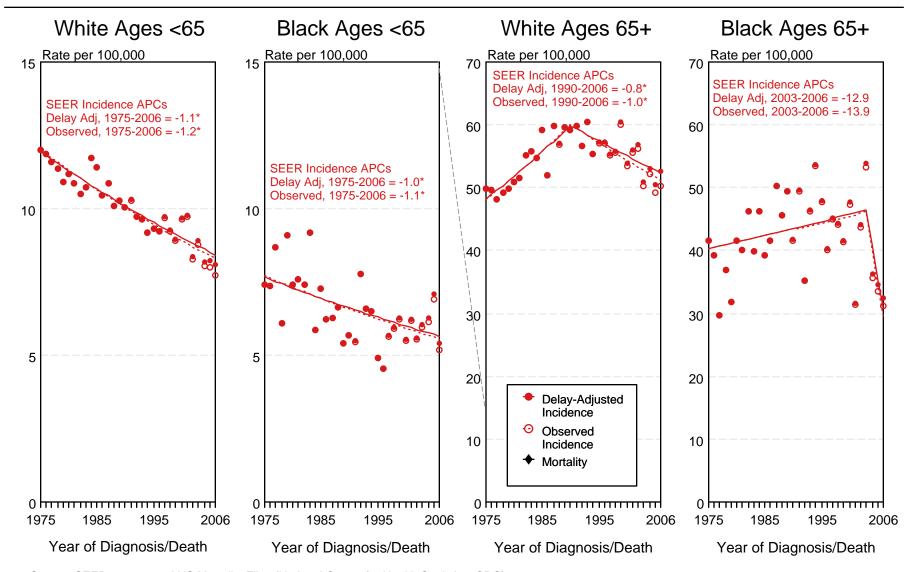


Figure 21.2

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 22.1 Cancer of the Pancreas (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint T	rend 2	Joinpoint '	Trend 3	Joinpoint 1	Trend 4	Joinpoint T	rend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	dencea, 1	975-2006									
All Races	1975-1978	-2.2	1978-1984	1.3*	1984-1989	-1.4	1989-2001	0.0	2001-2006	1.7*	0.9*	1.7*
White	1975-1979	-1.9	1979-1984	1.7	1984-1987	-2.5	1987-1999	-0.1	1999-2006	1.5*	1.1*	1.5*
Black	1975-2006	-0.2									-0.2	-0.2
SEER 13 Delay-	Adjusted Inc:	idence ^b , i	1992-2006									
All Races	1992-2001	0.0	2001-2006	1.5*							0.8*	1.5*
White	1992-2001	0.2	2001-2006	1.7*							1.0*	1.7*
Black	1992-2001	-1.8*	2001-2006	2.0							0.3	2.0
SEER 9 Observe	d Incidencea,	1975-20	06									
All Races	1975-1978	-2.1	1978-1984	1.1	1984-1993	-0.9*	1993-2006	0.5*			0.5*	0.5*
White	1975-1978	-2.5	1978-1984	1.0	1984-1994	-0.9*	1994-2006	0.7*			0.7*	0.7*
Black	1975-2006	-0.3*									-0.3*	-0.3*
SEER 13 Observ	ed Incidence	, 1992-2	006									
All Races	1992-2006	0.3*									0.3*	0.3*
White	1992-2006	0.5*									0.5*	0.5*
White NH ^{ef}	1992-2006	0.5*									0.5*	0.5*
Black	1992-2006	-0.8*									-0.8*	-0.8*
Black NH ^{ef}	1992-2006	-0.8*									-0.8*	-0.8*
API ^e	1992-2006	0.0									0.0	0.0
AI/AN ^{eg}	1992-2006	3.4									3.4*	3.4*
Hispanic ^e	1992-2006	0.0									0.0	0.0
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												

White NH^{ef} Black

Black NH^{ef}

AI/AN^{eg}

Hispanic^e

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 22.2 Cancer of the Pancreas (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint		Joinpoint I		Joinpoint '		Joinpoint I		Joinpoint I		AA1	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Inci	denceª, 1	<u>975-2006</u>									
All Races	1975-1981	-1.8*	1981-1985	1.1	1985-1990	-2.1	1990-2003	0.1	2003-2006	2.5	0.9	1.9
White	1975-1994	-1.0*	1994-2006	0.9*							0.9*	0.9*
Black	1975-2006	-0.6*									-0.6*	-0.6*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2003	-0.1	2003-2006	2.4*							0.8*	1.8*
White	1992-2006	0.6*									0.6*	0.6*
Black	1992-2006	-1.0*									-1.0*	-1.0*
SEER 9 Observe												
All Races	1975-1993	-0.9*	1993-2006	0.3							0.3	0.3
White	1975-1994	-1.0*	1994-2006	0.7*							0.7*	0.7*
Black	1975-2006	-0.7*									-0.7*	-0.7*
SEER 13 Observ	ed Incidence	b, 1992-2	006									
All Races	1992-2006	0.1									0.1	0.1
White	1992-2006	0.4*									0.4*	0.4*
White NH ^{ef}	1992-2006	0.5*									0.5*	0.5*
Black	1992-2006	-1.2*									-1.2*	-1.2*
Black NH ^{ef}	1992-2006	-1.1*									-1.1*	-1.1*
API ^e	1992-2006	-0.9									-0.9	-0.9
AI/AN ^{eg}	1992-2006	2.9									2.9	2.9
Hispanic ^e	1992-2006	0.0									0.0	0.0
U.S. Cancer Mo	rtality ^c , 197	75-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
			'									

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 22.3 Cancer of the Pancreas (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint 7	Trend 2	Joinpoint 1	rend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AA1	PC ^d
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	dence ^a , 1	975-2006									
All Races	1975-1984	1.3*	1984-2000	-0.3	2000-2006	1.7*					1.0*	1.7*
White	1975-1984	1.2*	1984-1999	-0.4*	1999-2006	1.7*					1.2*	1.7*
Black	1975-2006	0.1									0.1	0.1
SEER 13 Delay-	Adjusted Inci	idence ^b ,	1992-2006									
All Races	1992-2000	-0.2	2000-2006	1.5*							1.0*	1.5*
White	1992-2000	-0.1	2000-2006	1.7*							1.1*	1.7*
Black	1992-2006	-0.3									-0.3	-0.3
SEER 9 Observe	d Incidencea,	1975-20	06									
All Races	1975-1984	1.5*	1984-1995	-0.6	1995-2006	0.6*					0.6*	0.6*
White	1975-1984	1.2*	1984-1999	-0.4	1999-2006	1.3*					0.9*	1.3*
Black	1975-2006	0.0									0.0	0.0
SEER 13 Observ	ed Incidence ^k	, 1992-2	006									
All Races	1992-2006	0.4*									0.4*	0.4*
White	1992-2006	0.4*									0.4*	0.4*
White NH ^{ef}	1992-2006	0.5*									0.5*	0.5*
Black	1992-2006	-0.6									-0.6	-0.6
Black NH ^{ef}	1992-2006	-0.5									-0.5	-0.5
API ^e	1992-2006	0.9*									0.9*	0.9*
AI/AN ^{eg}	1992-2006	4.0									4.0	4.0
Hispanic ^e	1992-2006	-0.1									-0.1	-0.1
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
-												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

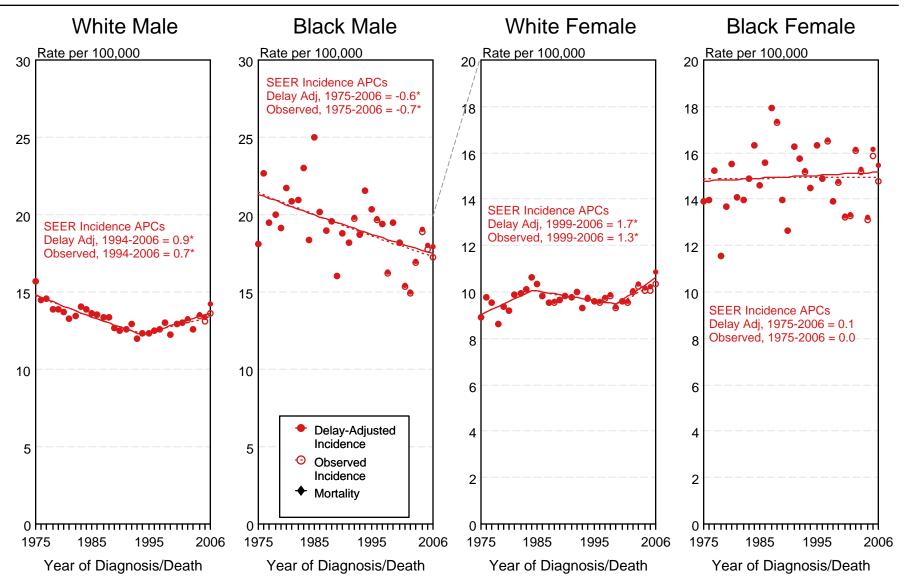
Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^{*} The APC/AAPC is significantly different from zero (p<.05).</p>

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

Figure 22.1

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Pancreas, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 23.1 Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint 1	Trend 2	Joinpoint	Trend 3	Joinpoint T	rend 4	Joinpoint '	Trend 5	AAI	PC _q
-	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Inci	denceª, 1	975-2006									
All Races	1975-1988	2.6*	1988-1992	16.5*	1992-1995	-11.7*	1995-2000	2.4	2000-2006	-2.4*	-0.8	-2.4*
White	1975-1988	2.8*	1988-1992	16.3*	1992-1995	-12.4*	1995-2001	2.3*	2001-2006	-3.2*	-0.8	-3.2*
Black	1975-1989	2.0*	1989-1992	21.7*	1992-1996	-4.9*	1996-2000	1.1	2000-2006	-3.0*	-1.6*	-3.0*
SEER 13 Delay-A	Adjusted Inc.	idence ^b ,	1992-2006									
All Races	1992-1995	-11.2*	1995-2000	2.3	2000-2006	-2.7*					-1.1	-2.7*
White	1992-1995	-11.8*	1995-2001	2.0	2001-2006	-3.3*					-1.0	-3.3*
Black	1992-1996	-5.0*	1996-2000	1.6	2000-2006	-3.9*					-2.1	-3.9*
SEER 9 Observed	d Incidencea,	, 1975-20	06									
All Races	1975-1988	2.6*	1988-1992	16.4*	1992-1995	-11.4*	1995-2001	1.8	2001-2006	-3.4*	-1.1	-3.4*
White	1975-1988	2.8*	1988-1992	16.3*	1992-1995	-12.4*	1995-2001	2.1*	2001-2006	-3.9*	-1.2*	-3.9*
Black	1975-1989	2.0*	1989-1992	21.7*	1992-1996	-5.0*	1996-2000	1.0	2000-2006	-3.8*	-2.2*	-3.8*
SEER 13 Observe	ed Incidence	b, 1992-2	006									
All Races	1992-1995	-11.0*	 1995-2001	1.6	2001-2006	-3.6*					-1.3*	-3.6*
White	1992-1995	-11.8*	1995-2001	1.9	2001-2006	-3.9*					-1.4*	-3.9*
White NH ^{ef}	1992-1994	-17.3*	1994-2001	1.0	2001-2006	-3.5*					-1.5*	-3.5*
Black	1992-1996	-5.1*	1996-2000	1.5	2000-2006	-4.6*					-2.6*	-4.6*
Black NH ^{ef}	1992-1996	-5.2*	1996-2000	1.5	2000-2006	-4.4*					-2.5*	-4.4*
API ^e	1992-1996	-7.7*	1996-2001	2.4	2001-2006	-3.1*					-0.7	-3.1*
AI/AN ^{eg}	1992-2006	-2.6*									-2.6*	-2.6*
Hispanic ^e	1992-2006	-1.4*									-1.4*	-1.4*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 23.2 Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages <65 by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint 7	rend 2	Joinpoint 5	Trend 3	Joinpoint '	Trend 4	Joinpoint '	Trend 5	AAI	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Incid	encea, 1	975-2006									
All Races	1975-1988	3.1*	1988-1992	23.2*	1992-2001	3.5*	2001-2006	-1.1			0.9	-1.1
White	1975-1988	3.5*	1988-1992	23.2*	1992-2002	3.0*	2002-2006	-2.1			0.7	-2.1
Black	1975-1989	2.0*	1989-1993	25.9*	1993-2002	2.8*	2002-2006	-3.1*			0.1	-3.1*
SEER 13 Delay-	Adjusted Inci	denceb,	1992-2006									
All Races	1992-2001	3.5*	2001-2006	-1.8							0.5	-1.8
White	1992-2001	3.5*	2001-2006	-1.8							0.5	-1.8
Black	1992-2001	3.9*	2001-2006	-2.9*							0.0	-2.9*
SEER 9 Observed	d Incidenceª,	1975-20	06									
All Races	1975-1985	2.4*	1985-1989	7.7	1989-1992	25.4*	1992-2001	3.3*	2001-2006	-1.5	0.6	-1.5
White	1975-1985	2.6*	1985-1989	8.8*	1989-1992	24.7*	1992-2002	2.8*	2002-2006	-2.8*	0.3	-2.8*
Black	1975-1989	2.0*	1989-1993	26.0*	1993-2002	2.6*	2002-2006	-4.1*			-0.4	-4.1*
SEER 13 Observe	ed Incidenceb	, 1992-2	006									
All Races	1992-2001	3.5*	2001-2006	-2.2							0.3	-2.2*
White	1992-2001	3.4*	2001-2006	-2.4							0.1	-2.4*
White NH ^{ef}	1992-2001	3.4*	2001-2006	-2.3							0.2	-2.3
Black	1992-2001	3.7*	2001-2006	-3.7*							-0.5	-3.7*
Black NH ^{ef}	1992-2001	3.7*	2001-2006	-3.5*							-0.4	-3.5*
API ^e	1992-2001	6.5*	2001-2006	-1.4							2.1	-1.4
AI/AN ^{eg}	1992-2006	-0.1									-0.1	-0.1
Hispanic ^e	1992-2002	4.6*	2002-2006	-3.6*							0.8	-3.6*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 $\mathtt{API}^\mathtt{e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- 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.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 23.3 Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages 65+ by Race/Ethnicity

	Joinpoint	Trend 1	Joinpoint 7	rend 2	Joinpoint	Trend 3	Joinpoint '	Trend 4	Joinpoint '	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	djusted Inci	denceª, 1	975-2006									
All Races	1975-1988	2.5*	1988-1992	15.1*	1992-1995	-14.9*	1995-2000	1.4	2000-2006	-3.2*	-1.7*	-3.2*
White	1975-1988	2.7*	1988-1992	15.0*	1992-1995	-15.9*	1995-2000	2.0	2000-2006	-3.2*	-1.5*	-3.2*
Black	1975-1989	2.0*	1989-1992	20.0*	1992-1995	-8.7	1995-2006	-2.6*			-2.6*	-2.6*
SEER 13 Delay-A	Adjusted Inc.	idence ^b ,	1992-2006									
All Races	1992-1995	-14.2*	1995-2000	1.1	2000-2006	-3.3*					-1.8*	-3.3*
White	1992-1995	-14.9*	1995-2001	1.1	2001-2006	-3.8*					-1.7*	-3.8*
Black	1992-1995	-9.6*	1995-2000	-1.0	2000-2006	-4.8*					-3.5*	-4.8*
SEER 9 Observed	d Incidencea,	, 1975-20	06									
All Races	1975-1988	2.5*	1988-1992	15.1*	1992-1995	-15.0*	1995-2000	1.4	2000-2006	-3.5*	-1.9*	-3.5*
White	1975-1988	2.7*	1988-1992	14.9*	1992-1995	-15.7*	1995-2001	1.2	2001-2006	-4.6*	-2.0*	-4.6*
Black	1975-1989	2.0*	1989-1992	19.9*	1992-1995	-8.5	1995-2006	-3.1*			-3.1*	-3.1*
SEER 13 Observe	ed Incidence	b, 1992-2	006									
All Races	1992-1995	-14.0*	1995-2001	0.5	2001-2006	-4.1*					-2.1*	-4.1*
White	1992-1995	-15.0*	1995-2001	0.9	2001-2006	-4.4*					-2.1*	-4.4*
White NH ^{ef}	1992-1995	-15.4*	1995-2001	1.1	2001-2006	-4.4*					-2.0*	-4.4*
Black	1992-1995	-9.7*	1995-2000	-1.2	2000-2006	-5.5*					-4.0*	-5.5*
Black NH ^{ef}	1992-1995	-9.8*	1995-2000	-1.2	2000-2006	-5.3*					-4.0*	-5.3*
API ^e	1992-1997	-7.8*	1997-2000	4.1	2000-2006	-3.2*					-0.8	-3.2*
AI/AN ^{eg}	1992-2006	-3.4*									-3.4*	-3.4*
Hispanic ^e	1992-2006	-2.5*									-2.5*	-2.5*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and

 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Prostate, by Race

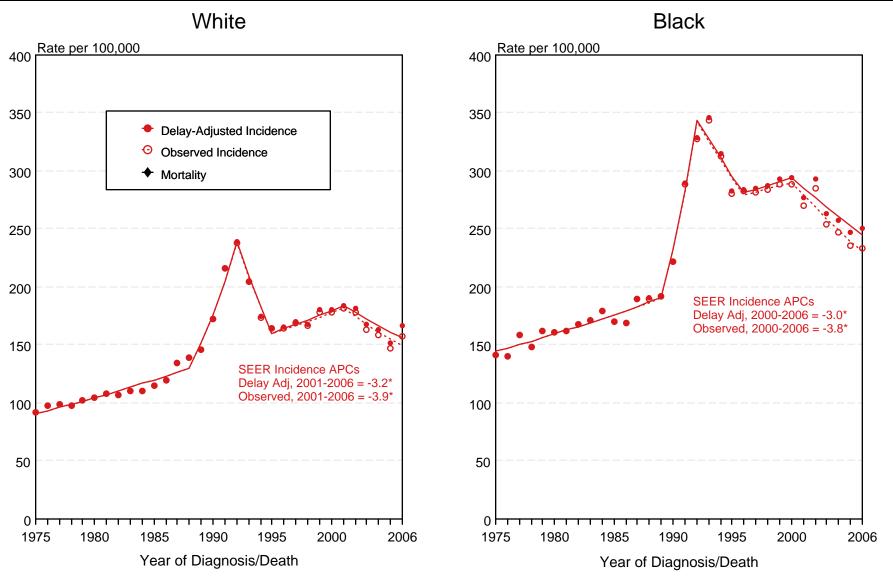
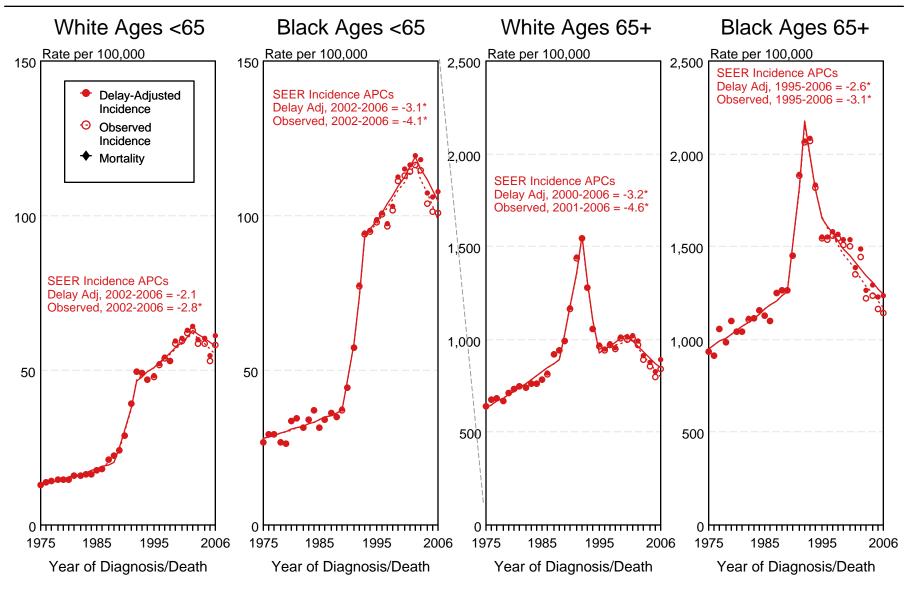


Figure 23.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Prostate, by Age and Race

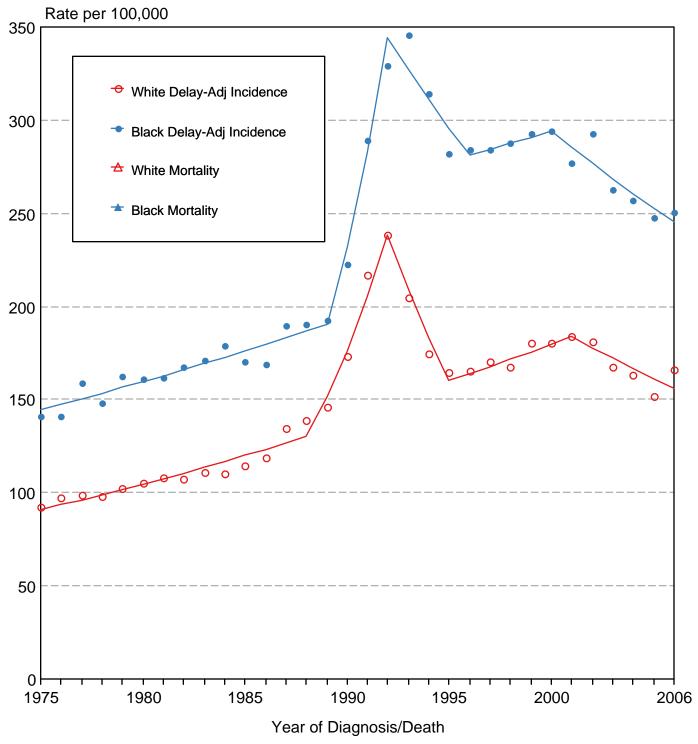


Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

Figure 23.2

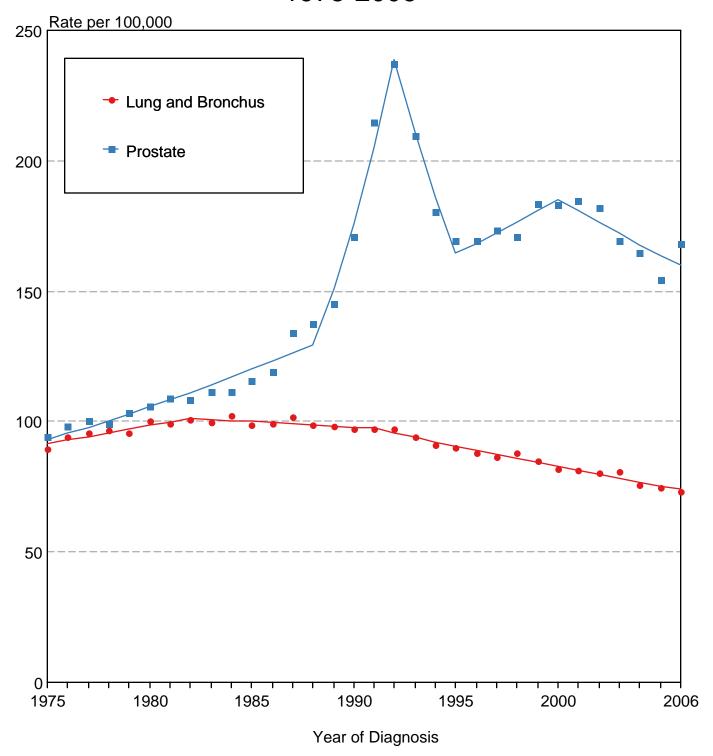
The APC is significantly different from zero (p < 0.05).

Cancer of the Prostate Delay-Adjusted SEER Incidence & US Mortality 1975-2006



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.

Delay-Adjusted Incidence Rates for Cancer of the Prostate and Cancer of the Lung and Bronchus All Races, Males 1975-2006



Source: SEER 9 areas. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.

Table 24.1 Cancer of the Stomach (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Trend 1 Joinpoint Trend 2				Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	dencea. 1	975-2006									
All Races	1975-2006	-1.6*	2,2 2000								-1.6*	-1.6*
White	1975-2006	-1.8*									-1.8*	-1.8*
Black	1975-2006	-1.4*									-1.4*	-1.4*
SEER 13 Delay-	Adiusted Inci	idenceb	1992-2006									
All Races	1992-2006	-1.4*	1771 1000								-1.4*	-1.4*
White	1992-2006	-1.3*									-1.3*	-1.3*
Black	1992-2006	-1.8*									-1.8*	-1.8*
SEER 9 Observe	d Incidence ^a	1975-20	06									
All Races	1975-2006	-1.6*	<u> </u>								-1.6*	-1.6*
White	1975-2006	-1.9*									-1.9*	-1.9*
Black	1975-2006	-1.4*									-1.4*	-1.4*
SEER 13 Observe	ed Incidence ^b	1992-2	006									
All Races	1992-2006	-1.4*	<u> </u>								-1.4*	-1.4*
White	1992-2006	-1.4*									-1.4*	-1.4*
White NH ^{ef}	1992-2006	-1.8*									-1.8*	-1.8*
Black	1992-2006	-1.9*									-1.9*	-1.9*
Black NH ^{ef}	1992-2006	-1.9*									-1.9*	-1.9*
API ^e	1992-2006	-3.2*									-3.2*	-3.2*
AI/AN ^{eg}	1992-2006	0.6									0.6	0.6
Hispanic ^e	1992-2006	-1.7*									-1.7*	-1.7*
U.S. Cancer Mo:	rtality ^c , 197	5-2006										
All Races		.										
White												
Black												
U.S. Cancer Mo	rtality ^c . 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
	nt Dogwoodie											

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 24.2 Cancer of the Stomach (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint '	Trend 1	Joinpoint '	Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	dence ^a . 1	975-2006									
All Races	1975-1988	-1.2*	1988-2006	-2.0*							-2.0*	-2.0*
White	1975-2006	-1.9*									-1.9*	-1.9*
Black	1975-1982	2.3	1982-2006	-2.1*							-2.1*	-2.1*
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-2006	-1.9*									-1.9*	-1.9*
White	1992-2006	-1.9*									-1.9*	-1.9*
Black	1992-2006	-2.4*									-2.4*	-2.4*
SEER 9 Observe	ed Incidencea,	, 1975-20	06									
All Races	1975-1988	-1.2*	1988-2006	-2.0*							-2.0*	-2.0*
White	1975-2006	-1.9*									-1.9*	-1.9*
Black	1975-1982	2.4	1982-2006	-2.2*							-2.2*	-2.2*
SEER 13 Observ	red Incidence	b, 1992-2	006									
All Races	1992-2006	-2.0*									-2.0*	-2.0*
White	1992-2006	-2.0*									-2.0*	-2.0*
White NH ^{ef}	1992-2006	-2.2*									-2.2*	-2.2*
Black	1992-2006	-2.5*									-2.5*	-2.5*
Black NH ^{ef}	1992-2006	-2.5*									-2.5*	-2.5*
API ^e	1992-2006	-3.0*									-3.0*	-3.0*
AI/AN ^{eg}	1992-2006	0.5									0.5	0.5
Hispanic ^e	1992-2006	-2.6*									-2.6*	-2.6*
U.S. Cancer Mo	ortality ^c , 197	75-2006										
All Races		<u> </u>										
White												
Black												
U.S. Cancer Mc	ortality ^c . 199	92-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
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Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

Table 24.3 Cancer of the Stomach (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

		Trend 1	Joinpoint '	irena 2	Joinpoint	Trend 3	Joinpoint	Trena 4	Joinpoint	Trend 5	AAl	C _q
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC		2002-2006
SEER 9 Delay-Ad	diusted Incid	dencea. 1	975-2006									
All Races	1975-2006	-1.6*									-1.6*	-1.6*
White	1975-1995	-2.3*	1995-2006	-0.9							-0.9*	-0.9*
Black	1975-2006	-0.9*									-0.9*	-0.9*
SEER 13 Delay-	Adjusted Inc:	idence ^b ,	1992-2006									
All Races	1992-2006	-0.8*									-0.8*	-0.8*
White	1992-2006	-0.7*									-0.7*	-0.7*
Black	1992-2006	-1.0									-1.0	-1.0
SEER 9 Observed	d Incidenceª,	1975-20	06									
All Races	1975-2006	-1.6*									-1.6*	-1.6*
White	1975-2006	-2.0*									-2.0*	-2.0*
Black	1975-2006	-1.0*									-1.0*	-1.0*
SEER 13 Observe	ed Incidence ^l	, 1992-2	006									
All Races	1992-2006	-0.8*									-0.8*	-0.8*
White	1992-2006	-0.9*									-0.9*	-0.9*
White NH ^{ef}	1992-2006	-1.5*									-1.5*	-1.5*
Black	1992-2006	-1.1									-1.1	-1.1
Black NH ^{ef}	1992-2006	-1.1									-1.1	-1.1
API ^e	1992-2006	-3.1*									-3.1*	-3.1*
AI/AN ^{eg}	1992-2006	1.1									1.1	1.1
Hispanic ^e	1992-2006	-0.7*									-0.7*	-0.7*
U.S. Cancer Mon	rtality ^c , 197	<u> 15-2006</u>										
All Races												
White												
Black												
U.S. Cancer Mon	rtality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Stomach, by Race and Sex

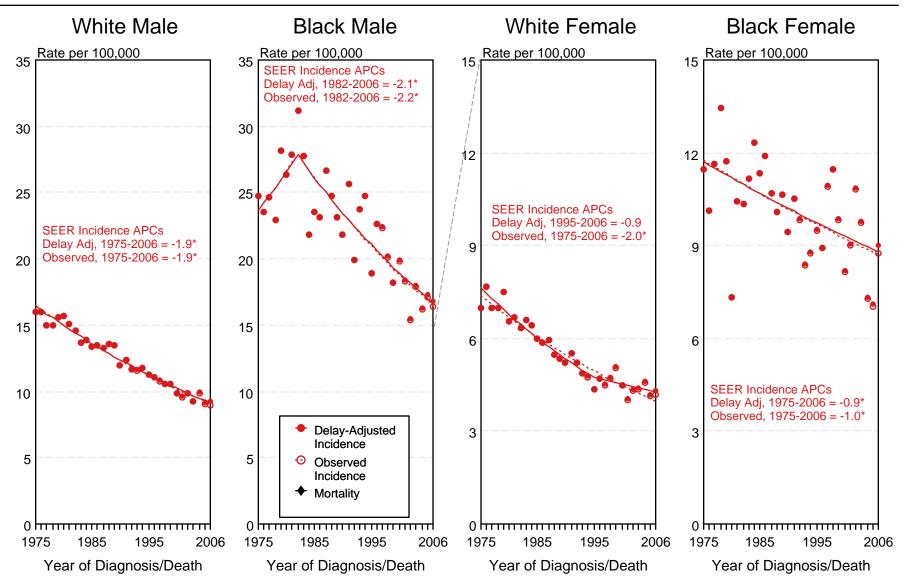


Figure 24.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 25.1 Cancer of the Testis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, All Ages by Race/Ethnicity

	Joinpoint 7	<u> [rend 1</u>	Joinpoint 7	<u> Trend 2</u>	<u>Joinpoint</u>	Trend 3	<u>Joinpoint</u>	Trend 4	<u>Joinpoint</u>	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad	iusted Incid	dencea, 1	975-2006									
All Races	1975-2006	1.4*									1.4*	1.4*
White	1975-2006	1.6*									1.6*	1.6*
Black	1975-2006	2.2*									2.2*	2.2*
SEER 13 Delay-Ad	djusted Inci	dence ^b ,	1992-2006									
All Races	_	_									-	-
White	-	-									-	-
Black	-	-									-	-
SEER 9 Observed												
All Races	1975-1989	2.3*	1989-2006	0.7*							0.7*	0.7*
White	1975-1989	2.6*	1989-2006	1.0*							1.0*	1.0*
Black	1975-2006	2.2*									2.2*	2.2*
SEER 13 Observed	d Incidence ^b	, 1992-2	006									
All Races	1992-2006	1.0*									1.0*	1.0*
White	1992-2006	1.2*									1.2*	1.2*
White NH ^{ef}	1992-2006	1.6*									1.6*	1.6*
Black	1992-1995	29.4	1995-2006	-1.3							-1.3	-1.3
Black NH ^{ef}	1992-2006	1.5									1.5	1.5
API ^e	1992-2006	0.5									0.5	0.5
AI/AN ^{eg}	1992-2006	3.4									3.4	3.4
Hispanic ^e	1992-2006	1.9*									1.9*	1.9*
U.S. Cancer Mort	tality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mort	tality ^c , 199	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

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

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.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 25.2 Cancer of the Testis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages <50 by Race/Ethnicity

	Joinpoint T	rend 1	Joinpoint T	rend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	PC ^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	enceª, 1	975-2006									
All Races	1975-1987	3.0*	1987-2006	1.0*							1.0*	1.0*
White	1975-1987	3.3*	1987-2006	1.3*							1.3*	1.3*
Black	1975-2006	2.1*									2.1*	2.1*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
All Races	=	_									-	-
White	-	_									-	-
Black	-	-									-	-
SEER 9 Observe												
All Races	1975-1989	2.7*	1989-2006	0.8*							0.8*	0.8*
White	1975-1987	3.4*	1987-2006	1.1*							1.1*	1.1*
Black	1975-2006	2.0*									2.0*	2.0*
SEER 13 Observ			<u>006</u>									
All Races	1992-2006	1.1*									1.1*	1.1*
White	1992-2006	1.3*									1.3*	1.3*
White NH ^{ef}	1992-2006	1.6*									1.6*	1.6*
Black	1992-2006	1.0									1.0	1.0
Black NH ^{ef}	1992-2006	0.8									0.8	0.8
API ^e	1992-2006	0.1									0.1	0.1
AI/AN ^{eg}	1992-2006	3.3									3.3	3.3
Hispanic ^e	1992-2006	2.2*									2.2*	2.2*
U.S. Cancer Mo	rtality ^c , 197	5-2006										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c , 1992	2-2006										
All Races												
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												
			' 2 2 3							,		

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

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

Table 25.3 Cancer of the Testis (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Ages 50+ by Race/Ethnicity

	Joinpoint Trend 1 Joinpoint Trend 2			Trend 2	Joinpoint	Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAI	C^d
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	diusted Incid	ence ^a . 1	975-2006									
All Races	1975-2006	0.1	<u> </u>								0.1	0.1
White	1975-2006	0.1									0.1	0.1
Black	-	-									-	-
SEER 13 Delay-	Adiusted Insi	dongob	1992-2006									
All Races	Aujusteu IIICI	delice ,	1992-2000								_	_
White	_	_									_	_
Black	_	_									_	_
		1055 00	0.5									
SEER 9 Observe	<u>d Incidence",</u> 1975-2006	0.0	<u>06</u>								0.0	0.0
White Black	1975-2006	0.0									0.0	0.0
											_	_
SEER 13 Observ			006									
All Races	1992-2006	0.8									0.8	0.8
White	1992-2006	0.7									0.7	0.7
White NH ^{ef}	1992-2006	1.1									1.1	1.1
Black	_	-									-	-
Black NH ^{ef}	-										_	
API ^e	1992-2006	5.2									5.2	5.2
AI/AN ^{eg}	1000 0006	-									-	-
Hispanic ^e	1992-2006	-1.4									-1.4	-1.4
U.S. Cancer Mo	rtality ^c , 197	<u>5-2006</u>										
All Races												
White												
Black												
U.S. Cancer Mo	rtality ^c 199	2-2006										
All Races	rearrey, 100.	2 2000										
White												
White NH ^{ef}												
Black												
Black NH ^{ef}												
API ^e												
AI/AN ^{eg}												
Hispanic ^e												

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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).
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

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.

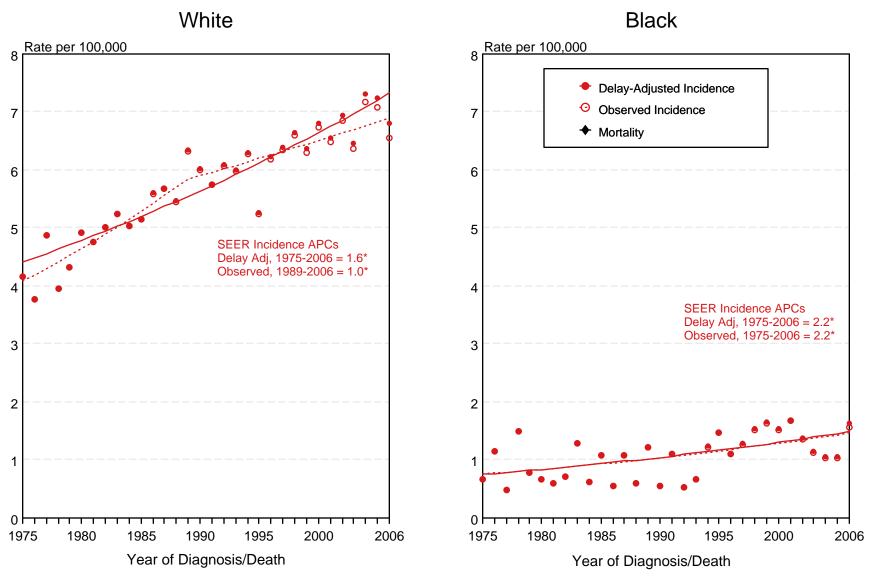
API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).</p>

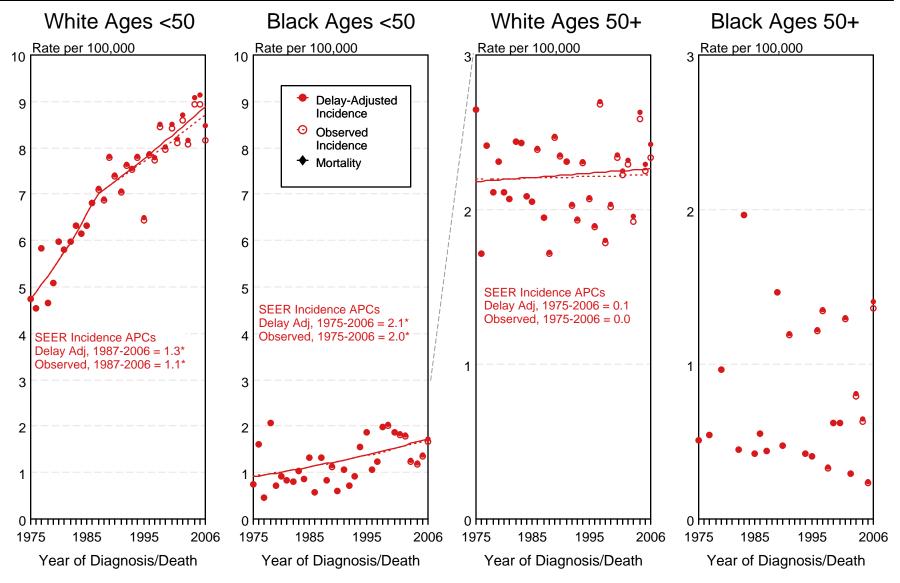
SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Testis, by Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Testis, by Age and Race



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 26.1 Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint Tren	d 1 Joinpoint	Trend 2	Joinpoint T	rend 3	Joinpoint I	rend 4	Joinpoint	Trend 5	AAI	C _q
-	Years A	PC Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incidence	e ^a , 1975-2006									
All Races	1975-1977 6.	.2 1977-1980	-6.7	1980-1997	2.4*	1997-2006	6.5*			6.5*	6.5*
White	1975-1977 7.	.2 1977-1980	-6.6	1980-1997	2.7*	1997-2006	7.0*			7.0*	7.0*
Black	1975-1988 -1.	.0 1988-2006	4.6*							4.6*	4.6*
SEER 13 Delay-	Adjusted Inciden	ce ^b , 1992-2006									
All Races	1992-1998 3.	.1* 1998-2006	6.3*							6.0*	6.3*
White	1992-1998 3.	.6* 1998-2006	6.6*							6.3*	6.6*
Black	1992-1995 -4	.0 1995-2006	6.7*							6.7*	6.7*
SEER 9 Observe	d Incidence ^a , 197	<u>75-2006</u>									
All Races	1975-1977 6	.2 1977-1980	-6.7	1980-1997	2.4*	1997-2006	6.2*			6.2*	6.2*
White	1975-1977 7.	.2 1977-1980	-6.6	1980-1997	2.7*	1997-2006	6.7*			6.7*	6.7*
Black	1975-1988 -1.	.0 1988-2006	4.4*							4.4*	4.4*
SEER 13 Observ	ed Incidence ^b , 19	92-2006									
All Races	1992-1998 3.	.1* 1998-2006	6.1*							5.8*	6.1*
White	1992-1998 3.	.6* 1998-2006	6.4*							6.1*	6.4*
White NH ^{ef}	1992-1998 4.	.3* 1998-2006	6.7*							6.4*	6.7*
Black	1992-1995 -4	.0 1995-2006	6.4*							6.4*	6.4*
Black NH ^{ef}	1992-1995 -4.	.2 1995-2006	6.4*							6.4*	6.4*
API ^e	1992-1996 -2.	.2 1996-2006	3.5*							3.5*	3.5*
AI/AN ^{eg}	1992-2006 2.	. 5								2.5	2.5
Hispanic ^e	1992-1995 -5	.1 1995-2006	4.9*							4.9*	4.9*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 26.2 Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-Ad												
All Races	1975-1980	-4.7*	1980-1998	1.9*	1998-2006	6.1*					5.7*	6.1*
White	1975-1977	9.7	1977-1980	-9.2	1980-1999	2.7*	1999-2006	6.9*			6.0*	6.9*
Black	1975-2006	2.4*									2.4*	2.4*
SEER 13 Delay-	Adjusted Inci	dence ^b ,	1992-2006									
All Races	1992-1996	-1.1	1996-2006	5.4*							5.4*	5.4*
White	1992-1998	1.6	1998-2006	6.2*							5.7*	6.2*
Black	1992-1995	-13.3	1995-2006	6.3*							6.3*	6.3*
SEER 9 Observed	d Incidence ^a ,	1975-20	06									
All Races	1975-1980	-4.7*	1980-1998	1.9*	1998-2006	5.8*					5.4*	5.8*
White	1975-1977	9.7	1977-1980	-9.2	1980-1999	2.6*	1999-2006	6.6*			5.7*	6.6*
Black	1975-2006	2.3*									2.3*	2.3*
SEER 13 Observe	ed Incidenceb	, 1992-2	006									
All Races	1992-1995	-3.1	1995-2006	5.0*							5.0*	5.0*
White	1992-1995	-2.1	1995-2006	5.3*							5.3*	5.3*
White NH ^{ef}	1992-1998	2.0	1998-2006	6.5*							6.0*	6.5*
Black	1992-1995	-13.3	1995-2006	6.0*							6.0*	6.0*
Black NH ^{ef}	1992-1995	-13.2	1995-2006	6.0*							6.0*	6.0*
API ^e	1992-2006	1.0									1.0	1.0
AI/AN ^{eg}	1992-2006	3.0									3.0	3.0
Hispanic ^e	1992-2006	3.2*									3.2*	3.2*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

APIe

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
- The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 26.3 Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint 7	rend 5	AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A	djusted Incid	dence ^a , 1	975-2006									
All Races	1975-1977	6.5	1977-1980	-5.3	1980-1995	2.3*	1995-2006	6.3*			6.3*	6.3*
White	1975-1977	6.4	1977-1980	-4.8	1980-1993	2.4*	1993-1999	5.1*	1999-2006	7.5*	6.9*	7.5*
Black	1975-1988	-1.3	1988-2006	4.9*							4.9*	4.9*
SEER 13 Delay-	Adjusted Inc	idence ^b ,	1992-2006									
All Races	1992-1998	3.9*	1998-2006	6.5*							6.2*	6.5*
White	1992-1998	4.4*	1998-2006	6.9*							6.6*	6.9*
Black	1992-1998	3.1*	1998-2006	7.4*							6.9*	7.4*
SEER 9 Observe	d Incidence ^a ,	1975-20	06									
All Races	1975-1977	6.5	1977-1980	-5.3	1980-1995	2.3*	1995-2006	6.0*			6.0*	6.0*
White	1975-1982	-0.7	1982-1995	2.6*	1995-2006	6.6*					6.6*	6.6*
Black	1975-1988	-1.3	1988-2006	4.7*							4.7*	4.7*
SEER 13 Observe	ed Incidence ^l	, 1992-2	006									
All Races	1992-1998	3.8*	1998-2006	6.3*							6.0*	6.3*
White	1992-1998	4.4*	1998-2006	6.6*							6.4*	6.6*
White NH ^{ef}	1992-2000	5.4*	2000-2003	8.7*	2003-2006	4.9*					6.3*	5.8*
Black	1992-2006	5.7*									5.7*	5.7*
Black NH ^{ef}	1992-2001	4.2*	2001-2006	8.4*							6.5*	8.4*
API ^e	1992-2006	2.9*									2.9*	2.9*
AI/AN ^{eg}	1992-2006	2.7									2.7	2.7
Hispanic ^e	1992-1997	-0.4	1997-2006	5.6*							5.6*	5.6*

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

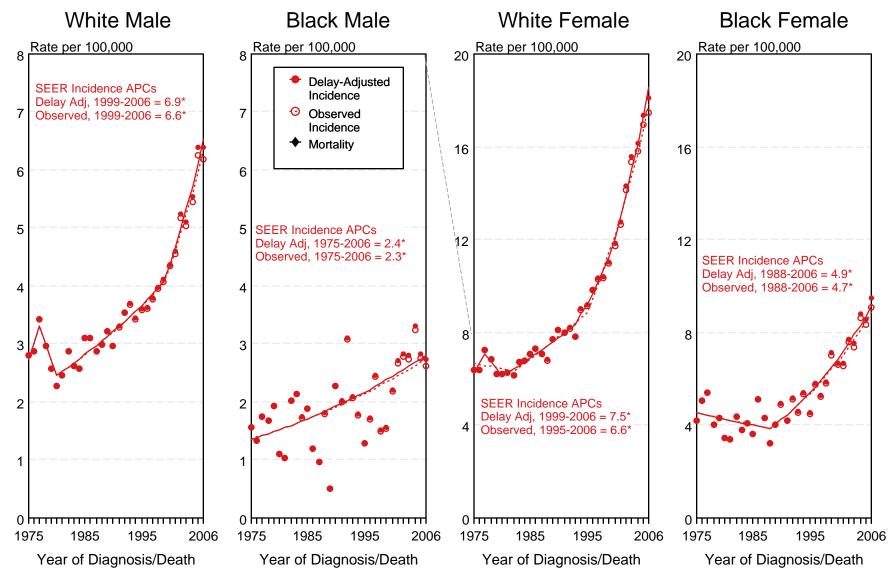
APT^e

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
 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
- 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Thyroid, by Race and Sex



Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

The APC is significantly different from zero (p < 0.05).

Table 27.1 Cancer of the Urinary Bladder (Invasive and In Situ)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Both Sexes by Race/Ethnicity

	Joinpoint 7	Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Trend 4	Joinpoint	Trend 5	AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006
SEER 9 Delay-A												
All Races	1975-1987	0.8*	1987-1996	-0.2	1996-1999	1.6	1999-2006	-0.4			0.1	-0.4
White	1975-1987	1.0*	1987-1996	0.0	1996-1999	1.9	1999-2006	-0.2			0.3	-0.2
Black	1975-2006	0.2									0.2	0.2
SEER 13 Delay-Adjusted Incidence ^b , 1992-2006												
All Races	1992-1994	-1.4	1994-2004	0.3	2004-2006	-2.0					-0.2	-0.9
White	1992-2004	0.4*	2004-2006	-2.0							-0.2	-0.8
Black	1992-2006	0.6									0.6	0.6
SEER 9 Observe	d Incidence ^a ,	1975-200	06									
All Races	1975-1987	0.8*	 1987-1996	-0.2	1996-1999	1.7	1999-2006	-0.7*			-0.2	-0.7*
White	1975-1987	1.0*	1987-1996	-0.1	1996-2000	1.4	2000-2006	-0.8*			-0.1	-0.8*
Black	1975-2006	0.2									0.2	0.2
SEER 13 Observe	ed Incidenceb	, 1992-20	006									
All Races	1992-2004	0.1	2004-2006	-2.5							-0.5	-1.2
White	1992-2004	0.2	2004-2006	-3.1							-0.5	-1.5
White NH ^{ef}	1992-2004	0.4*	2004-2006	-3.1							-0.4	-1.4
Black	1992-2006	0.3									0.3	0.3
Black NH ^{ef}	1992-2006	0.3									0.3	0.3
API ^e	1992-2006	0.2									0.2	0.2
AI/AN ^{eg}	1992-2006	2.1									2.1	2.1
Hispanic ^e	1992-2006	-0.3									-0.3	-0.3

U.S. Cancer Mortality^c, 1975-2006

All Races

White

Black

U.S. Cancer Mortality^c, 1992-2006

All Races

White

White NH^{ef}

Black

Black NH^{ef}

 ${\tt API}^{\tt e}$

AI/AN^{eg}

Hispanic^e

- Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
- 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.
- API Asian/Pacific Islander, AI/AN American Indian/Alaska Native, NH Non-Hispanic
 - 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, ME, MD, MN, NH, NY, ND, OK and VT.
- 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).</p>
- Joinpoint regression line analysis could not be performed on data series.

Table 27.2 Cancer of the Urinary Bladder (Invasive and In Situ)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Males by Race/Ethnicity

	<u>Joinpoint '</u> Years	Trend 1 APC	<u>Joinpoint 7</u> Years	Trend 2 APC	<u>Joinpoint T</u> Years	rend 3	<u>Joinpoint :</u> Years	Frend 4	<u>Joinpoint</u> Years	Trend 5 APC	AAI	2002-2006
				APC	ieais	APC	iears	APC	iears	APC	1997-2000	2002-2000
SEER 9 Delay-A All Races White Black	1975-1987 1975-1987 1975-1987 1975-2006	0.9* 1.0* 0.2	975-2006 1987-2006 1987-2006	0.0							0.0 0.1 0.2	0.0 0.1 0.2
SEER 13 Delay- All Races White Black	Adjusted Inc: 1992-2006 1992-2006 1992-2006	-0.1 0.1 0.3	1992-2006								-0.1 0.1 0.3	-0.1 0.1 0.3
SEER 9 Observe All Races White Black	ed Incidence ^a , 1975-1987 1975-1987 1975-2006	1975-20 1.0* 1.2* 0.1	06 1987-1996 1987-1995	-0.5 -0.6	1996-1999 1995-2000	1.8	1999-2006 2000-2006	-0.8* -0.9*			-0.2 -0.2 0.1	-0.8* -0.9* 0.1
SEER 13 Observed All Races White White NHef Black Black NHef APIe AI/ANeg Hispanice U.S. Cancer Mo All Races White Black	1992-2006 1992-2006 1992-2006 1992-2006 1992-2006 1992-2006 1992-2006 1992-2006	-0.2 -0.1 0.1 0.1 0.0 0.7* 2.3 -0.4	<u>006</u>								-0.2 -0.1 0.1 0.1 0.0 0.7* 2.3 -0.4	-0.2 -0.1 0.1 0.1 0.0 0.7* 2.3 -0.4
U.S. Cancer Mc All Races White White NH ^{ef} Black Black NH ^{ef} API ^e AI/AN ^{eg} Hispanic ^e	ortality ^c , 199	22-2006										

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

Table 27.3 Cancer of the Urinary Bladder (Invasive and In Situ)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program, 1975-2006 With up to Four Joinpoints, 1992-2006 With up to Two Joinpoints, Females by Race/Ethnicity

	Joinpoint '	Joinpoint Trend 1 Joinpo		Joinpoint Trend 2		Trend 3	Joinpoint	Trend 4	Joinpoint	Trend 5	AAPC ^d		
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	1997-2006	2002-2006	
SEER 9 Delay-A	diusted Incid	dence ^a . 1	975-2006										
All Races	1975-2006	0.2*									0.2*	0.2*	
White	1975-2006	0.4*									0.4*	0.4*	
Black	1975-2006	0.5									0.5	0.5	
SEER 13 Delay-	-Adjusted Inc	idence ^b ,	1992-2006										
All Races	1992-2006	-0.3*									-0.3*	-0.3*	
White	1992-2004	0.0	2004-2006	-2.4							-0.5	-1.2	
Black	1992-2006	1.0									1.0*	1.0*	
SEER 9 Observe													
All Races	1975-2003	0.2*	2003-2006	-2.3							-0.6	-1.7	
White	1975-2003	0.4*	2003-2006	-3.0							-0.7	-2.1	
Black	1975-2006	0.4									0.4	0.4	
SEER 13 Observ			2006										
All Races	1992-2006	-0.4*									-0.4*	-0.4*	
White	1992-2004	-0.1	2004-2006	-3.6							-0.9*	-1.9*	
White NH ^{ef}	1992-2004	0.1	2004-2006	-3.8							-0.8	-1.8*	
Black	1992-2006	0.7									0.7	0.7	
Black NH ^{ef}	1992-2006	0.8									0.8	0.8	
API ^e	1992-2006	-0.3									-0.3	-0.3	
AI/AN ^{eg}	1992-2006	2.9									2.9	2.9	
Hispanic ^e	1992-2006	-0.4									-0.4	-0.4	
U.S. Cancer Mo	ortality ^c , 197	<u> 75-2006</u>											
All Races													
White													
Black													
U.S. Cancer Mo	ortality ^c , 199	2-2006											
All Races													
White													
White NH ^{ef}													
Black													
Black NH ^{ef}													
API ^e													
AI/AN ^{eg}													
Hispanic ^e													
T_3	last Danisanistis	D	. Waxaian 2 2	1 3	2000 Nati		T	h	.la	- /	£ /\		

Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute. (http://srab.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). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

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

Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

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, ME, MD, MN, NH, NY, ND, OK and VT.

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).

SEER Observed Incidence, SEER Delay Adjusted Incidence and US Death Rates^a Cancer of the Urinary Bladder, by Race and Sex

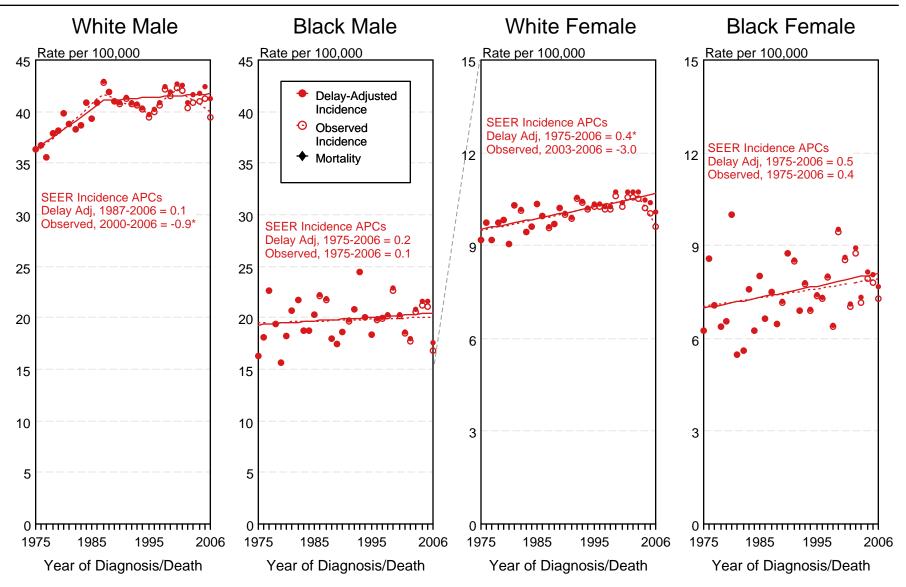
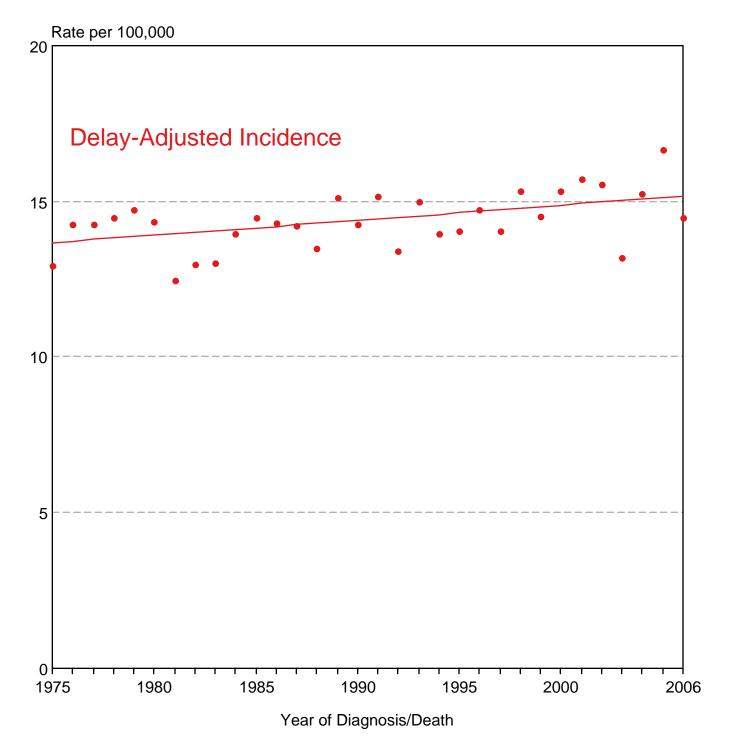


Figure 27.1

Source: SEER 9 areas and US Mortality Files (National Center for Health Statistics, CDC).
 Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).
 Regression lines and APCs are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.
 The APC is the Annual Percent Change for the regression line segments. The APC shown on the graph is for the most recent trend.

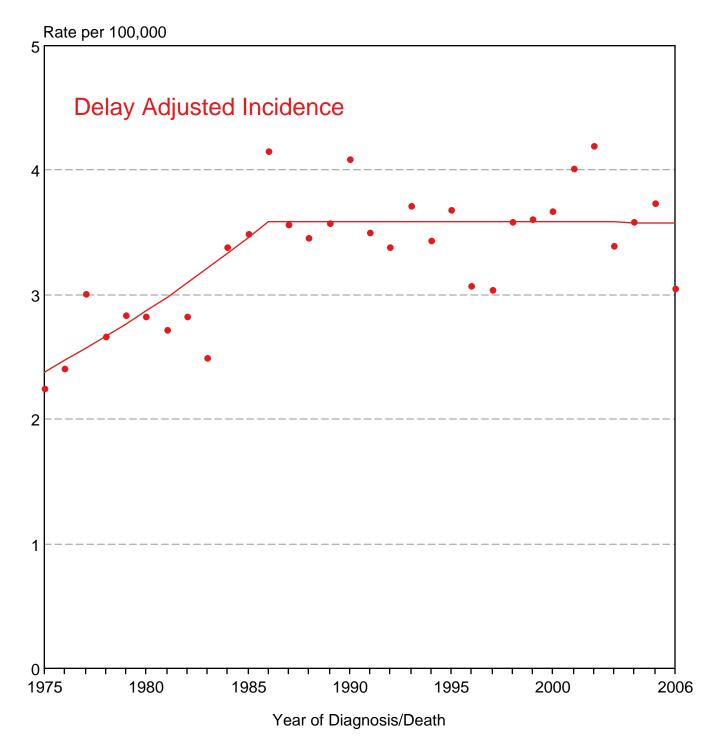
The APC is significantly different from zero (p < 0.05).

SEER Delay-Adjusted Incidence and US Mortality All Childhood Cancers, Under 20 Years of Age Both Sexes, All Races, 1975-2006



Source: SEER 9 areas and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.

SEER Delay-Adjusted Incidence and US Mortality Brain and CNS, Under 15 Years of Age Both Sexes, All Races, 1975-2006



Source: SEER 9 areas and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3.1, April 2008, National Cancer Institute.