

Table 1.23
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity
Both Sexes

	All Races		White		Black	
	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006
All Sites	462.9	-1.0*	470.6	-0.9*	493.6	-1.4*
Prostate ^f	70.6	-1.2	68.7	-2.1*	99.6	-2.7*
Breast	67.1	-1.9*	68.5	-1.1	74.7	-1.8*
Lung and Bronchus	63.1	-1.5*	64.4	-1.5*	67.4	-0.7*
Colon and Rectum	49.1	-2.4*	48.6	-2.6*	59.9	-1.5*
Urinary Bladder	21.0	-0.4	22.9	2.1*	15.6	-0.2
Melanoma of the Skin	19.6	1.6*	22.8	-0.3	15.0	1.5
Non-Hodgkin Lymphoma	19.5	0.1	20.4	0.2	14.8	0.3
Kidney and Renal Pelvis	13.6	2.3*	14.1	2.4*	12.8	-0.1
Corpus and Uterus, NOS ^f	12.5	-1.0*	12.9	-1.3*	12.1	-3.3*
Leukemia	12.2	-0.9*	12.8	-1.0*	11.7	-0.2
Pancreas	11.7	0.5	11.5	0.6*	11.7	1.2
Oral Cavity and Pharynx	10.4	-1.5*	10.5	-1.3*	10.5	-2.7*
Thyroid	9.6	5.9*	10.1	6.2*	9.8	-0.7
Stomach	7.9	-1.7*	7.4	-1.9*	8.2	3.3*
Ovary ^{fh}	7.1	-1.8*	7.1	-0.6	5.8	-1.2
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006
All Sites	311.1	-0.9*	313.6	-0.3	350.6	-1.0*
Breast	48.9	-0.9*	44.9	0.6	58.2	-1.5*
Colon and Rectum	40.0	-1.9*	42.3	-1.7	47.4	-0.9*
Prostate ^f	39.4	-0.9	40.2	1.4	38.4	-1.4*
Lung and Bronchus	38.9	-0.9*	33.6	-1.3	32.5	-2.4*
Liver & IBD ^g	14.2	0.1	17.5	2.7	16.7	-0.2
Stomach	13.4	-3.2*	11.2	-4.0	13.2	2.0*
Non-Hodgkin Lymphoma	12.9	-0.9	10.8	0.5	11.7	-2.3*
Thyroid	9.4	3.6*	9.9	4.6	11.4	0.0
Urinary Bladder	9.3	0.1	9.7	-0.9	10.6	-0.1
Corpus and Uterus, NOS ^f	9.1	0.6	8.8	1.6	10.2	1.9*
Pancreas	9.0	-0.1	7.4	-	9.7	-0.4
Oral Cavity and Pharynx	7.8	-2.0*	7.1	-4.3	9.5	0.6
Leukemia	7.3	-1.0	7.0	2.1	8.2	5.2*
Kidney and Renal Pelvis	6.9	2.2*	5.9	-2.3	6.5	-4.1*
Ovary ^{fh}	5.4	-0.5	5.8	0.3	6.1	-1.1

- ^a Top 15 cancer sites selected based on 2002-2006 age-adjusted rates for the race/ethnic group.
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
- ^d Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- ^f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- ^g IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- ^h Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- * The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.24
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

			Males					
All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2002-2006	1997-2006		2002-2006	1997-2006		2002-2006	1997-2006
All Sites	541.8	-1.2*	All Sites	544.3	-1.1*	All Sites	633.7	-2.4*
Prostate	159.3	-1.6*	Prostate	153.0	-1.6*	Prostate	239.8	-3.0*
Lung and Bronchus	77.7	-2.3*	Lung and Bronchus	77.6	-2.3*	Lung and Bronchus	104.3	-3.3*
Colon and Rectum	57.3	-2.9*	Colon and Rectum	56.9	-3.1*	Colon and Rectum	69.3	-1.8*
Urinary Bladder	37.1	-0.4	Urinary Bladder	40.3	-0.4	Kidney and Renal Pelvis	21.3	1.4
Melanoma of the Skin	25.0	1.7*	Melanoma of the Skin	28.9	2.2*	Urinary Bladder	20.0	-0.6
Non-Hodgkin Lymphoma	23.5	-0.1	Non-Hodgkin Lymphoma	24.4	0.0	Non-Hodgkin Lymphoma	18.3	-0.2
Kidney and Renal Pelvis	18.6	1.8*	Kidney and Renal Pelvis	19.2	1.9*	Stomach	16.8	-3.2*
Leukemia	15.8	-1.4*	Leukemia	16.5	-1.4*	Oral Cavity and Pharynx	16.7	-3.6*
Oral Cavity and Pharynx	15.4	-1.7*	Oral Cavity and Pharynx	15.6	-1.4*	Pancreas	16.6	-0.8
Pancreas	13.1	0.3	Pancreas	13.1	0.4	Myeloma	14.3	0.0
Stomach	11.0	-2.1*	Stomach	9.8	-2.1*	Liver & IBD ^f	13.4	3.4*
Liver & IBD ^f	10.2	2.4*	Liver & IBD ^f	8.6	2.7*	Leukemia	12.7	-1.1
Esophagus	7.7	-0.5	Brain and ONS ^f	8.4	-0.6	Larynx	10.5	-3.2*
Brain and ONS ^f	7.6	-0.7*	Esophagus	7.9	0.1	Esophagus	9.3	-4.1*
Myeloma	7.1	-0.8	Myeloma	6.6	-0.8	Brain and ONS ^f	4.7	-1.0
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2002-2006	1997-2006		2002-2006	1997-2006		2002-2006	1997-2006
All Sites	349.1	-1.2*	All Sites	331.0	-1.7	All Sites	409.7	-1.5*
Prostate	91.1	-0.8	Prostate	76.1	-1.5	Prostate	133.4	-2.0*
Lung and Bronchus	53.4	-1.4*	Lung and Bronchus	51.6	-2.1	Colon and Rectum	46.3	-2.0*
Colon and Rectum	46.9	-2.5*	Colon and Rectum	43.1	-2.7	Lung and Bronchus	43.2	-2.7*
Liver & IBD ^f	21.4	-0.3	Kidney and Renal Pelvis	21.7	-0.6	Urinary Bladder	19.8	-0.4
Stomach	18.0	-3.0*	Stomach	15.5	-2.2	Non-Hodgkin Lymphoma	19.1	-0.4
Urinary Bladder	16.5	0.9	Liver & IBD ^f	13.6	-	Kidney and Renal Pelvis	17.6	2.0*
Non-Hodgkin Lymphoma	15.5	-0.9	Urinary Bladder	12.4	-	Liver & IBD ^f	15.2	2.3*
Oral Cavity and Pharynx	10.8	-2.3*	Non-Hodgkin Lymphoma	11.8	-	Stomach	14.9	-3.6*
Pancreas	10.1	-0.1	Pancreas	10.2	-	Leukemia	11.8	-0.2
Kidney and Renal Pelvis	9.6	1.5	Oral Cavity and Pharynx	9.2	-	Pancreas	11.1	0.6
Leukemia	8.9	-1.8	Leukemia	7.9	-	Oral Cavity and Pharynx	9.0	-2.8*
Thyroid	4.2	1.7	Esophagus	6.8	-	Myeloma	6.4	-0.1
Esophagus	4.0	-2.6*	Testis	4.6	-	Brain and ONS ^f	6.1	0.7
Myeloma	3.9	-2.7	Myeloma	4.6	-	Esophagus	5.1	-3.2
Brain and ONS ^f	3.9	-1.4	Melanoma of the Skin	3.9	-	Larynx	4.9	-3.0*

- ^a Top 15 cancer sites selected based on 2002-2006 age-adjusted rates for the race/ethnic group.
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- ^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- * The APC is significantly different from zero ($p < .05$).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.25
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Females

	All Races		White		Black			
	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006		
All Sites	408.5	-0.8*	420.5	-0.8*	398.9	-0.4*		
Breast	123.8	-1.8*	127.8	-1.9*	117.7	-0.6*		
Lung and Bronchus	52.5	-0.6*	54.8	-0.7*	54.7	0.3		
Colon and Rectum	42.8	-2.1*	42.1	-2.3*	53.5	-1.3*		
Corpus and Uterus, NOS	23.3	-0.8*	24.2	-1.0*	20.3	1.3		
Non-Hodgkin Lymphoma	16.4	0.4	Melanoma of the Skin	18.7	2.1*	Pancreas	14.6	0.2
Melanoma of the Skin	15.8	1.6*	Non-Hodgkin Lymphoma	17.2	0.5	Non-Hodgkin Lymphoma	12.2	0.7
Thyroid	14.2	6.2*	Thyroid	15.0	6.5*	Cervix Uteri	10.4	-5.2*
Ovary ^g	13.1	-1.6*	Ovary ^g	13.8	-1.7*	Kidney and Renal Pelvis	10.3	1.6
Pancreas	10.4	0.6*	Pancreas	10.2	0.8*	Ovary ^g	10.1	-1.0
Kidney and Renal Pelvis	9.5	2.8*	Urinary Bladder	9.9	-0.6	Myeloma	10.0	-0.4
Leukemia	9.5	-0.5	Leukemia	9.9	-0.6	Stomach	9.0	-3.1*
Urinary Bladder	9.3	-0.6*	Kidney and Renal Pelvis	9.9	2.9*	Thyroid	8.4	6.8*
Cervix Uteri	8.2	-3.3*	Cervix Uteri	8.1	-2.8*	Urinary Bladder	7.9	0.3
Oral Cavity and Pharynx	6.1	-1.4*	Oral Cavity and Pharynx	6.1	-1.5*	Leukemia	7.8	-0.3
Stomach	5.5	-1.3*	Brain and ONS ^f	5.9	-0.7	Oral Cavity and Pharynx	5.8	-1.1
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	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e			
	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006	Rate ^b 2002-2006	APC ^c 1997-2006		
All Sites	287.5	-0.5	All Sites	302.2	1.0	All Sites	312.5	-0.6*
Breast	89.5	-0.9*	Breast	74.4	1.4	Breast	88.3	-0.6
Colon and Rectum	34.6	-1.2	Colon and Rectum	41.2	-0.5	Colon and Rectum	32.2	-0.9*
Lung and Bronchus	28.1	0.3	Lung and Bronchus	39.8	4.2	Lung and Bronchus	24.7	-1.9*
Corpus and Uterus, NOS	16.8	0.6	Corpus and Uterus, NOS	16.3	1.5	Corpus and Uterus, NOS	17.8	1.0
Thyroid	14.2	4.1*	Kidney and Renal Pelvis	14.1	-	Non-Hodgkin Lymphoma	14.6	0.2
Non-Hodgkin Lymphoma	10.9	-0.6	Ovary ^g	10.8	-2.2	Thyroid	12.9	5.6*
Stomach	10.0	-3.3*	Non-Hodgkin Lymphoma	10.0	-	Cervix Uteri	12.7	-3.8*
Ovary ^g	9.9	-0.6	Pancreas	9.3	-	Ovary ^g	11.3	-0.9
Liver & IBD ^f	8.3	0.8	Thyroid	8.5	-0.2	Pancreas	10.2	-0.8
Pancreas	8.2	-0.2	Stomach	7.9	-	Kidney and Renal Pelvis	9.6	1.9*
Cervix Uteri	7.6	-4.6*	Cervix Uteri	7.2	0.0	Stomach	9.3	-1.0
Leukemia	6.1	-0.1	Liver & IBD ^f	6.6	-	Leukemia	8.1	-0.8
Oral Cavity and Pharynx	5.4	-1.5	Leukemia	6.1	-	Liver & IBD ^f	5.9	0.5
Kidney and Renal Pelvis	4.8	3.4*	Oral Cavity and Pharynx	5.1	-	Urinary Bladder	5.3	0.4
Urinary Bladder	4.0	-1.4	Myeloma	5.1	-	Melanoma of the Skin	4.7	-1.7

^a

Top 15 cancer sites selected based on 2002-2006 age-adjusted rates for the race/ethnic group.

^b

Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c

The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

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

^d

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

^e

Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^f

IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

^g

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

*

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

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Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

Figure 1.12

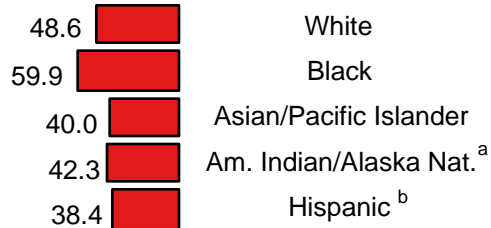
SEER Cancer Incidence and US Death Rates, 2002-2006 By Cancer Site and Race

Incidence Cancer Site Mortality

Lung and Bronchus



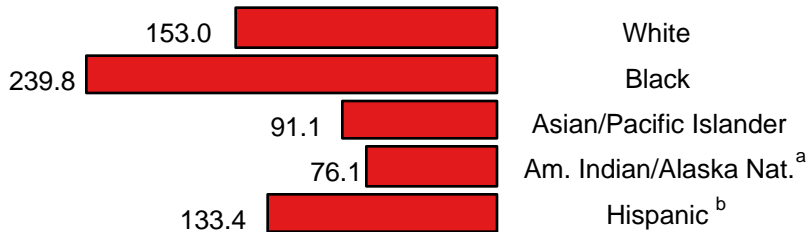
Colon and Rectum



Breast (Female)



Prostate



Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey) and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention. Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

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

^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky. Mortality data for Hispanics exclude cases from Minnesota, New Hampshire, and North Dakota.

SEER Incidence 1997-2006

Males by Race/Ethnicity

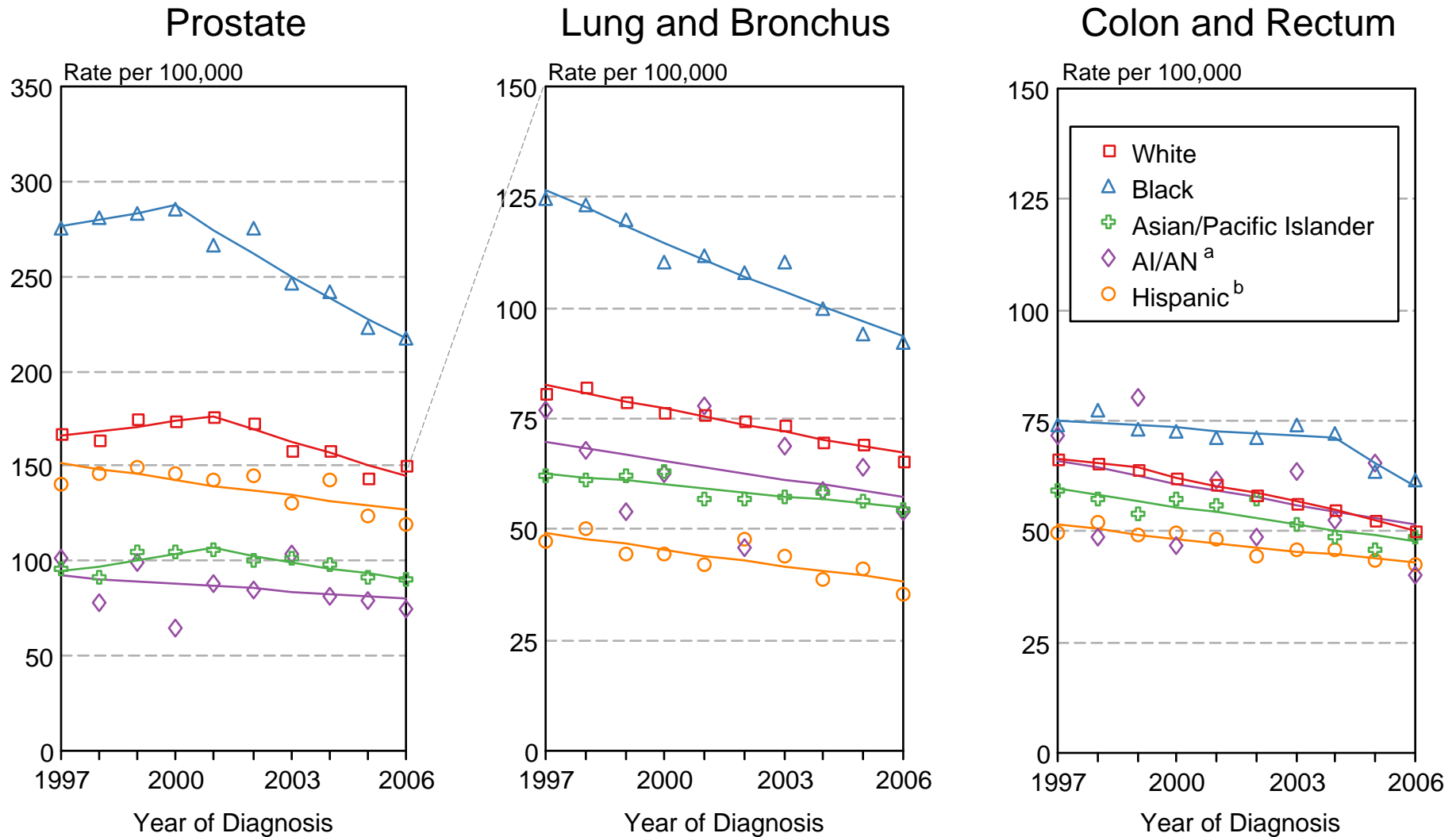


Figure 1.13

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). 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.

^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

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

SEER Incidence 1997-2006 Females by Race/Ethnicity

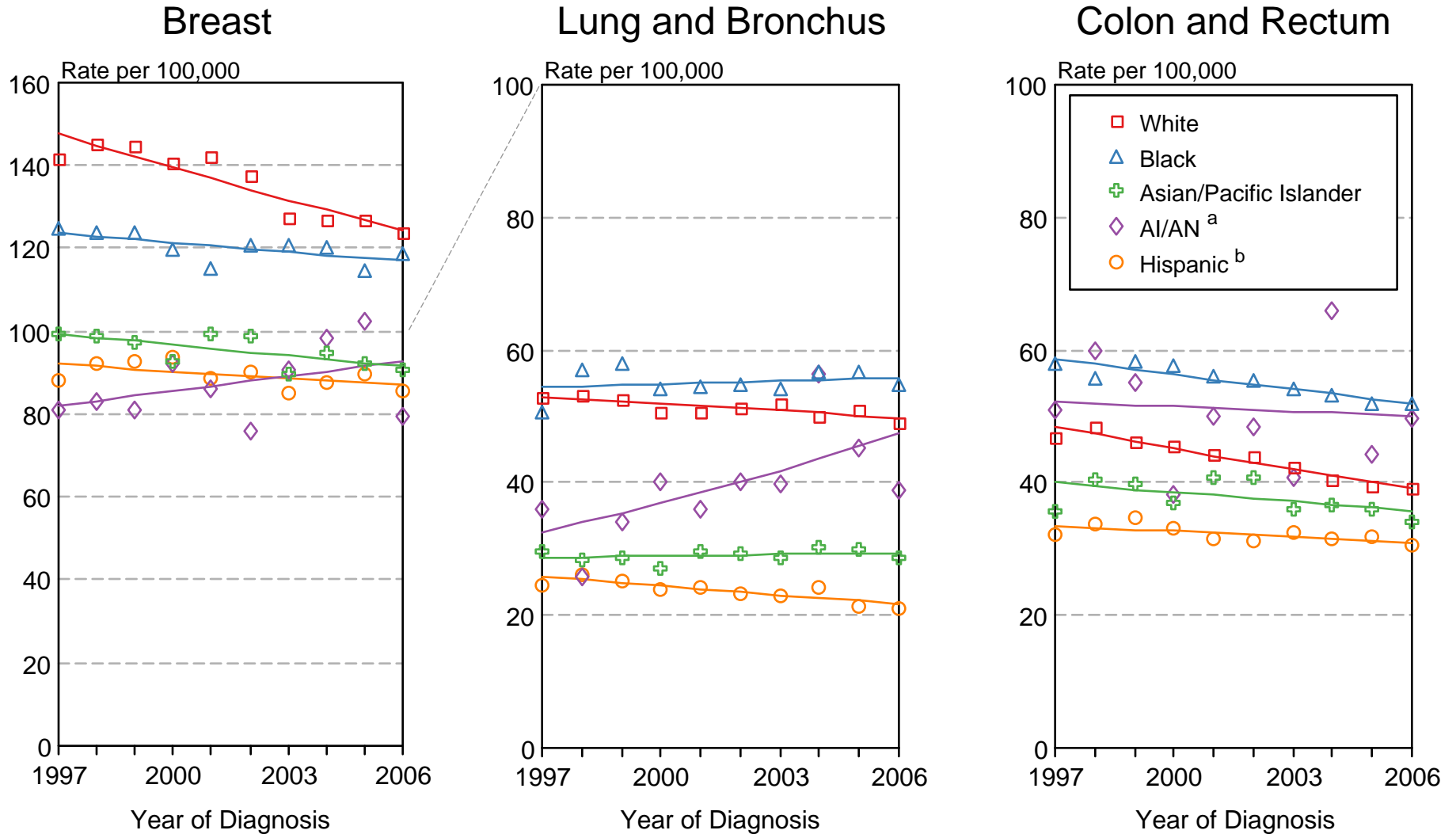


Figure 1.14

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). 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.

^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

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

Table 2.12
All Cancer Sites (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	462.9	541.8	408.5	-0.8*	-1.1*	-0.7*	-0.6*	-0.9*	-0.5*
White	470.6	544.3	420.5	-0.8*	-1.1*	-0.7*	-0.6*	-0.9*	-0.5*
White Hispanic ^e	357.2	416.0	319.7	-0.7*	-1.7*	-0.3*	-	-	-
White Non-Hispanic ^e	489.2	564.4	437.4	-0.6*	-1.0*	-0.6*	-	-	-
Black	493.6	633.7	398.9	-1.5*	-2.6*	-0.2	-1.4*	-2.4*	-0.1
Asian/Pacific Islander	311.1	349.1	287.5	-0.9*	-1.1*	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	313.6	331.0	302.2	0.1	-1.0*	1.1*	-	-	-
Hispanic ^e	350.6	409.7	312.5	-0.6*	-1.7*	-0.2	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	186.9	229.9	157.8	-1.3*	-1.8*	-1.1*			
White	185.4	226.7	157.3	-1.2*	-1.6*	-1.0*			
White Hispanic ^e	129.0	159.8	107.7	-1.5*	-2.1*	-1.2*			
White Non-Hispanic ^e	189.8	231.8	161.2	-1.1*	-1.4*	-0.9*			
Black	229.0	304.2	183.7	-2.0*	-2.6*	-1.4*			
Asian/Pacific Islander	111.8	135.4	95.1	-1.7*	-2.1*	-1.1*			
Amer Ind/Alaska Nat									
Total U.S.	125.1	146.4	110.1	-1.6*	-2.6*	-0.6*			
CHSDA Counties	157.8	183.3	140.1	-0.2	-0.5*	0.1			
Non-CHSDA Counties	84.1	100.7	72.0	-2.4*	-4.0	-1.3			
Hispanic ^e	124.7	154.7	103.9	-1.5*	-2.2*	-1.1*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a All Cancer Sites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

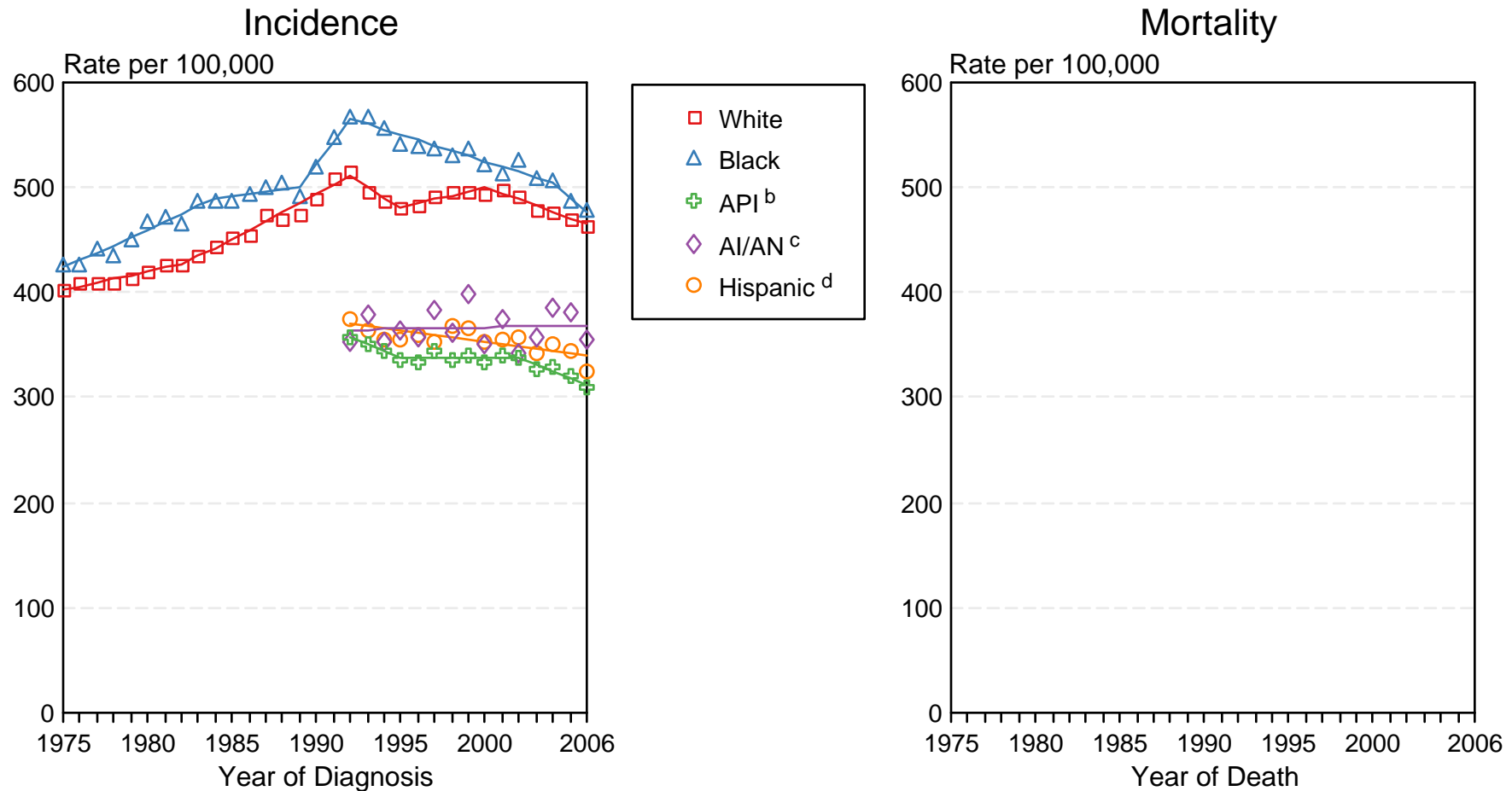


Figure 2.4

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 3.12
Cancer of the Brain And Other Nervous System (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.6	5.4	-0.4*	-0.6*	-0.2	-0.4*	-0.7*	-0.3
White	7.1	8.4	5.9	-0.2	-0.4*	-0.1	-0.2	-0.5*	-0.7
White Hispanic ^e	5.4	6.3	4.7	0.1	0.8	-0.7	-	-	-
White Non-Hispanic ^e	7.5	8.9	6.2	-0.1	-0.4	0.2	-	-	-
Black	4.0	4.7	3.4	-0.2	-0.3	-0.1	0.2	-0.1	0.5
Asian/Pacific Islander	3.5	3.9	3.1	-1.8	-1.2	-0.5	-	-	-
Amer Ind/Alaska Nat ^f	3.3	3.7	3.0	-	-	-	-	-	-
Hispanic ^e	5.3	6.1	4.6	0.3	1.0	-0.6	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.3	5.3	3.5	-1.0*	-0.9*	-1.1*			
White	4.7	5.7	3.8	-0.9*	-0.9*	-1.0*			
White Hispanic ^e	2.9	3.4	2.5	-0.3	-0.6	-0.1			
White Non-Hispanic ^e	4.9	5.9	4.0	-0.8*	-0.8*	-0.9*			
Black	2.5	3.2	2.1	-1.0*	-0.7*	-1.2*			
Asian/Pacific Islander	2.0	2.5	1.6	0.1	1.2	-1.0			
Amer Ind/Alaska Nat									
Total U.S.	1.7	2.3	1.3	-0.9	-0.2	-			
CHSDA Counties	2.0	2.9	1.3	-0.3	-	-			
Non-CHSDA Counties	1.4	1.5	1.3	-	-	-			
Hispanic ^e	2.8	3.3	2.4	-0.2	-0.5	0.0			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a

Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

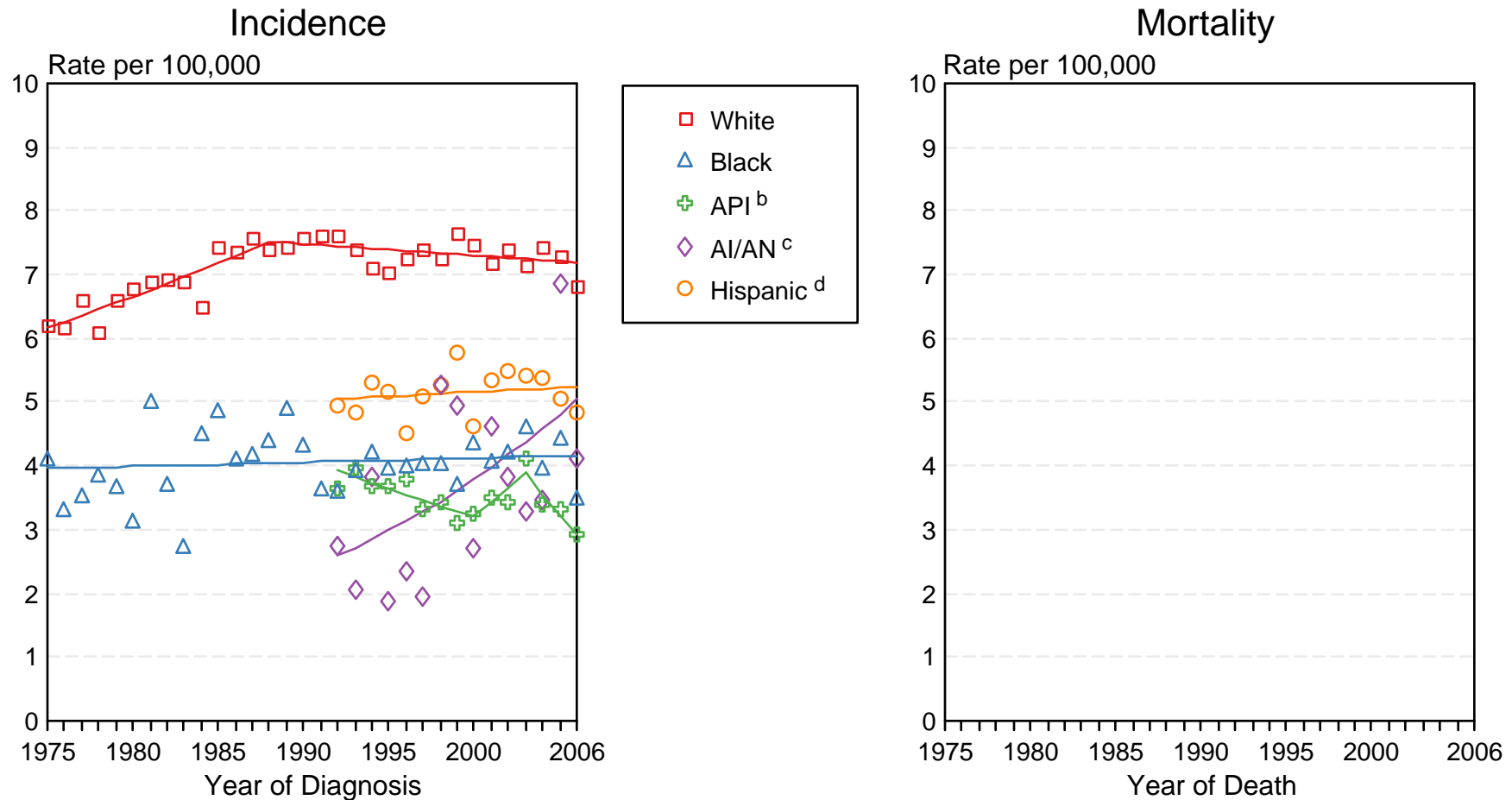


Figure 3.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 4.17
Cancer of the Female Breast (Invasive)

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

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	123.8	-1.4*	-1.3*
White	127.8	-1.5*	-1.4*
White Hispanic ^e	90.5	-0.1	-
White Non-Hispanic ^e	134.0	-1.5*	-
Black	117.7	-0.2	-0.3
Asian/Pacific Islander	89.5	-0.8*	-
Amer Ind/Alaska Nat ^f	74.4	-0.3	-
Hispanic ^e	88.3	0.0	-
U.S. Mortality ^g	Rate 2002-2006	Trend 1997-2006 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	24.5	-2.1*	
White	23.9	-2.1*	
White Hispanic ^e	16.0	-2.0*	
White Non-Hispanic ^e	24.5	-1.9*	
Black	33.0	-1.6*	
Asian/Pacific Islander	12.5	-0.6*	
Amer Ind/Alaska Nat			
Total U.S.	14.3	-0.7	
CHSDA Counties	17.6	0.3	
Non-CHSDA Counties	10.2	-2.3*	
Hispanic ^e	15.5	-1.9*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

Table 4.18
Cancer of the Female Breast (*In Situ*)

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	29.6	1.3*	-
White	30.3	1.1*	-
White Hispanic ^e	19.4	2.6*	-
White Non-Hispanic ^e	32.3	1.2*	-
Black	26.6	2.1*	-
Asian/Pacific Islander	25.9	2.7*	-
Amer Ind/Alaska Nat ^f	14.7	-	-
Hispanic ^e	18.9	2.5*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

^d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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

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

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

SEER Incidence and US Death Rates^a Cancer of the Female Breast

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

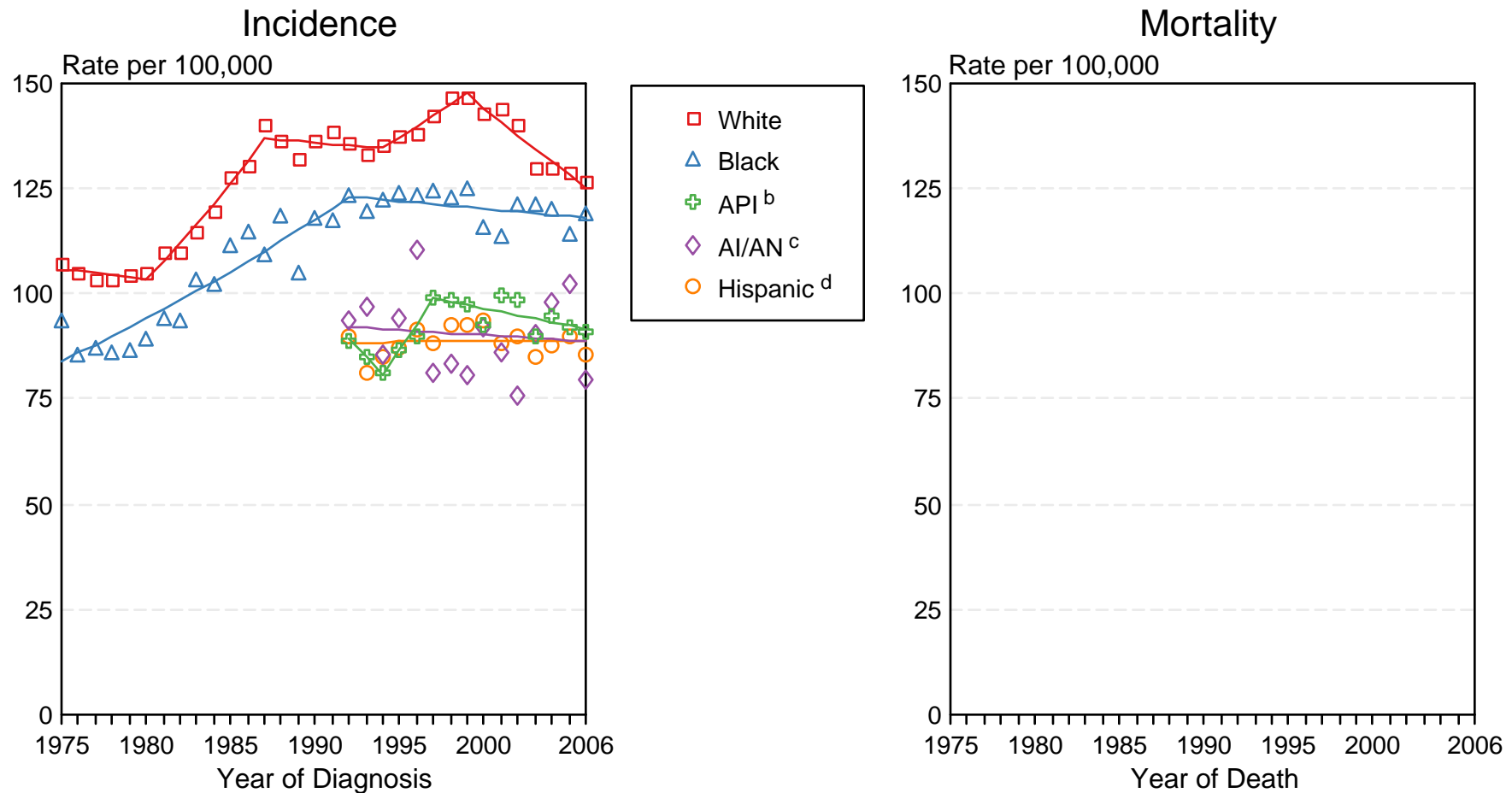


Figure 4.4

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 5.10
Cancer of the Cervix Uteri (Invasive)

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

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	8.2	-2.9*	-3.6*
White	8.1	-2.4*	-2.6*
White Hispanic ^e	13.1	-3.8*	-
White Non-Hispanic ^e	7.1	-2.5*	-
Black	10.4	-5.2*	-3.8*
Asian/Pacific Islander	7.6	-4.8*	-
Amer Ind/Alaska Nat ^f	7.2	-1.6	-
Hispanic ^e	12.7	-3.8*	-
<u>U.S. Mortality^g</u>			
	Rate 2002-2006	Trend 1997-2006 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	2.5	-2.8*	
White	2.2	-2.4*	
White Hispanic ^e	3.3	-3.0*	
White Non-Hispanic ^e	2.1	-2.5*	
Black	4.6	-4.5*	
Asian/Pacific Islander	2.2	-3.8*	
Amer Ind/Alaska Nat			
Total U.S.	2.5	-4.5*	
CHSDA Counties	3.4	-3.7*	
Non-CHSDA Counties	1.3	-	
Hispanic ^e	3.1	-2.9*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Cervix Uteri

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

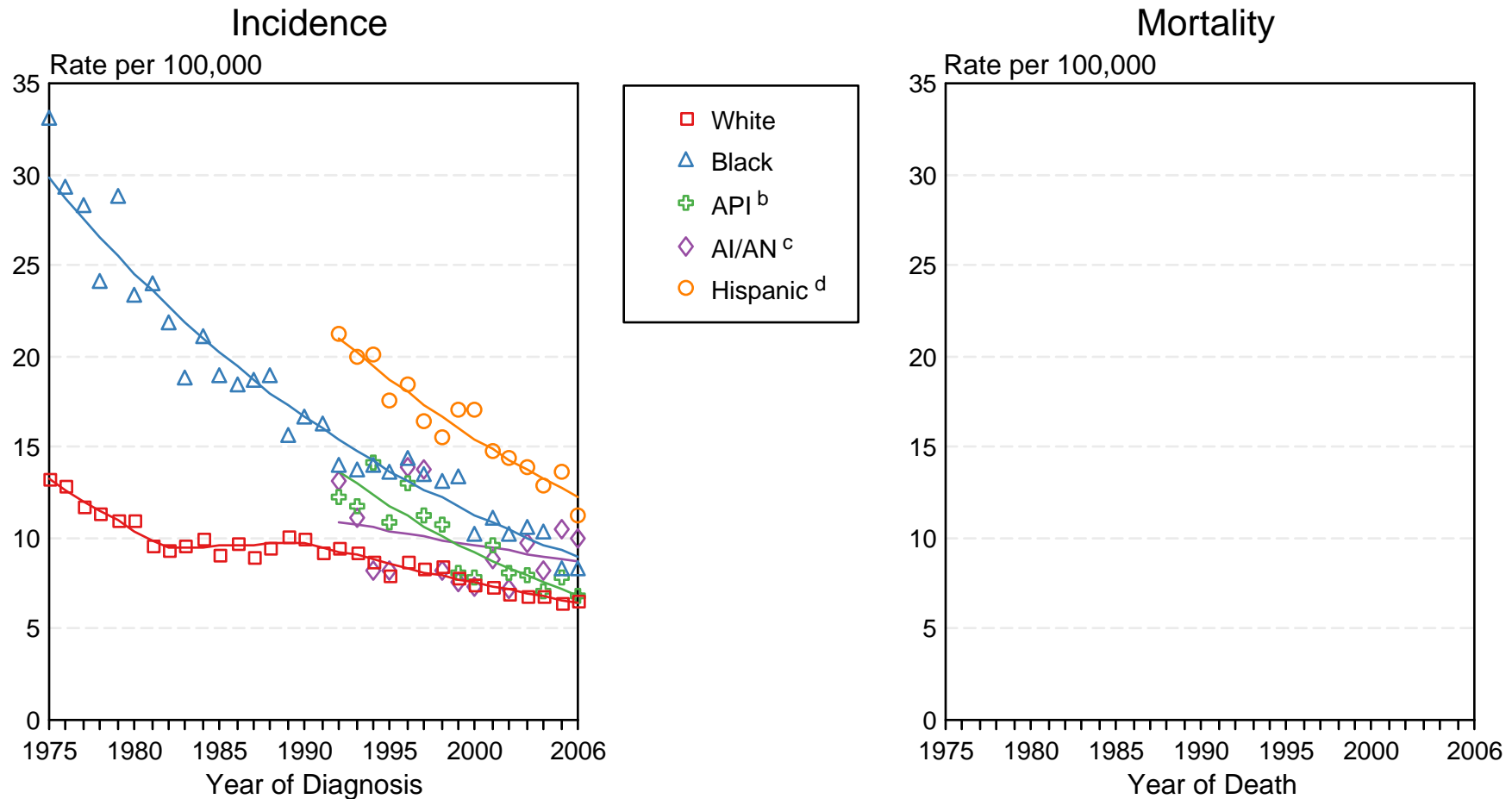


Figure 5.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 6.18
Cancer of the Colon and Rectum (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	49.1	57.3	42.8	-2.2*	-2.6*	-1.9*	-2.3*	-2.9*	-1.9*
White	48.6	56.9	42.1	-2.3*	-2.8*	-2.1*	-2.4*	-2.7*	-2.1*
White Hispanic ^e	39.1	47.3	32.7	-1.2*	-2.0*	-0.5*	-	-	-
White Non-Hispanic ^e	49.9	58.1	43.3	-2.3*	-2.8*	-2.1*	-	-	-
Black	59.9	69.3	53.5	-1.4*	-2.2*	-1.1*	-1.5*	-2.2*	-0.4*
Asian/Pacific Islander	40.0	46.9	34.6	-1.9*	-2.3*	-0.8*	-	-	-
Amer Ind/Alaska Nat ^f	42.3	43.1	41.2	-0.1	-0.9	0.8	-	-	-
Hispanic ^e	38.4	46.3	32.2	-1.1*	-1.7*	-0.4*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	18.2	21.9	15.4	-2.7*	-2.9*	-2.7*			
White	17.7	21.4	14.9	-2.8*	-3.0*	-2.8*			
White Hispanic ^e	13.5	16.6	11.1	-1.3*	-2.2*	-0.9			
White Non-Hispanic ^e	18.0	21.7	15.1	-2.6*	-2.8*	-2.6*			
Black	25.4	31.4	21.6	-1.9*	-1.3*	-2.3*			
Asian/Pacific Islander	11.6	13.8	10.0	-2.2*	-2.4*	-1.9*			
Amer Ind/Alaska Nat									
Total U.S.	12.4	15.3	10.2	-3.3*	-3.1*	-3.5*			
CHSDA Counties	16.4	20.0	13.7	-2.1*	-1.4	-1.1			
Non-CHSDA Counties	7.3	9.4	5.7	-2.7*	-6.9*	-3.1*			
Hispanic ^e	13.0	16.1	10.7	-1.3	-2.2*	-0.8			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

Table 6.19
Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

Cancer of the Colon <u>SEER Incidence</u>	SEER 17 Areas ^b Rate 2002-2006 Rate per 100,000 persons			SEER 13 Areas ^b Trend 1997-2006 ^c AAPC (%)			SEER 9 Areas ^b Trend 1997-2006 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	35.5	40.0	32.0	-2.1*	-2.6*	-1.8*	-2.3*	-2.8*	-1.9*
White	35.1	39.7	31.5	-2.3*	-2.8*	-1.9*	-2.4*	-2.8*	-2.0*
White Hispanic ^e	27.2	31.6	23.8	-0.8*	-0.5	-0.3	-	-	-
White Non-Hispanic ^e	36.1	40.8	32.4	-2.3*	-2.8*	-1.9*	-	-	-
Black	46.0	52.3	41.8	-1.5*	-2.1*	-1.2*	-1.0*	-1.1*	-0.2*
Asian/Pacific Islander	27.0	30.1	24.6	-2.1*	-2.7*	-0.9*	-	-	-
Amer Ind/Alaska Nat ^f	31.1	29.7	32.0	-0.1	-1.6	1.3	-	-	-
Hispanic ^e	26.6	30.8	23.4	-0.8	-1.4*	-0.2	-	-	-
Cancer of the Rectum <u>SEER Incidence</u>	SEER 17 Areas ^b Rate 2002-2006 Rate per 100,000 persons			SEER 13 Areas ^b Trend 1997-2006 ^c AAPC (%)			SEER 9 Areas ^b Trend 1997-2006 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	13.6	17.2	10.7	-2.2*	-2.4*	-2.1*	-2.2*	-2.5*	-2.0*
White	13.5	17.1	10.6	-2.5*	-2.6*	-2.5*	-2.5*	-2.6*	-2.4*
White Hispanic ^e	11.9	15.8	8.9	-1.2*	-1.5*	-1.2*	-	-	-
White Non-Hispanic ^e	13.8	17.4	10.8	-2.5*	-2.6*	-2.5*	-	-	-
Black	13.9	17.0	11.7	-0.6	-1.0*	-0.1	-0.2	-2.3	-0.3
Asian/Pacific Islander	13.0	16.8	10.0	-1.1*	-1.1	-0.9	-	-	-
Amer Ind/Alaska Nat ^f	11.2	13.4	9.2	-0.4	-	-	-	-	-
Hispanic ^e	11.7	15.4	8.8	-1.1*	-1.4*	-1.0*	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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

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

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

SEER Incidence and US Death Rates^a Cancer of the Colon and Rectum, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

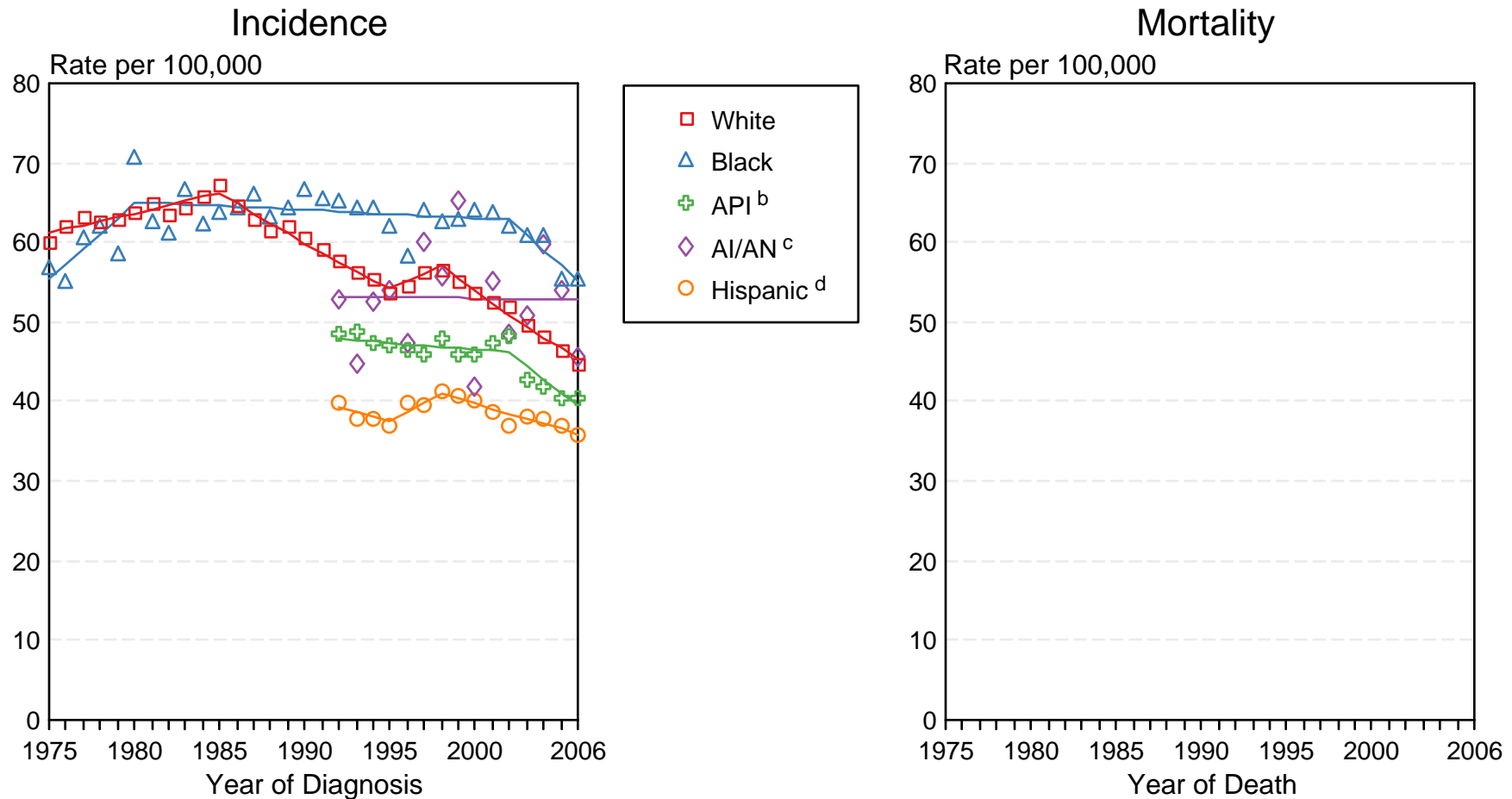


Figure 6.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 7.10
Cancer of the Corpus And Uterus, NOS (Invasive)

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

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	23.3	-0.7*	-0.6*
White	24.2	-0.9*	-0.8*
White Hispanic ^e	18.3	0.8*	-
White Non-Hispanic ^e	25.0	-1.0*	-
Black	20.3	1.3*	1.2*
Asian/Pacific Islander	16.8	1.1*	-
Amer Ind/Alaska Nat ^f	16.3	-	-
Hispanic ^e	17.8	0.9*	-
<u>U.S. Mortality^g</u>			
	Rate 2002-2006	Trend 1997-2006 ^h	
	Rate per 100,000 persons	AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	4.1	0.3*	
White	3.9	-0.1	
White Hispanic ^e	3.2	-0.3	
White Non-Hispanic ^e	3.9	-0.1	
Black	7.2	0.3	
Asian/Pacific Islander	2.5	1.3*	
Amer Ind/Alaska Nat			
Total U.S.	2.2	-1.2	
CHSDA Counties	3.0	-	
Non-CHSDA Counties	1.3	-	
Hispanic ^e	3.1	-0.2	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

^d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

^h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Corpus and Uterus, NOS

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

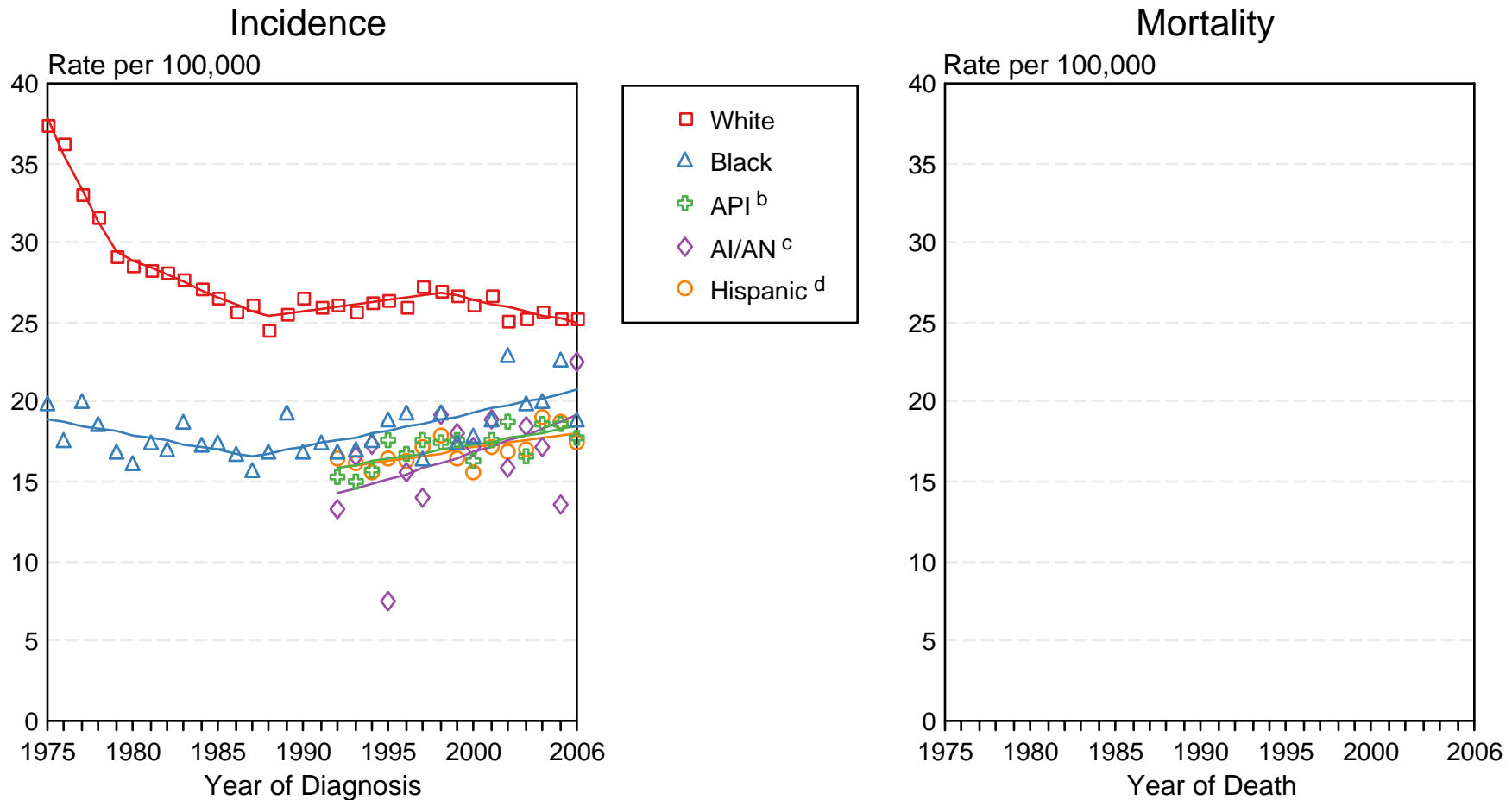


Figure 7.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 8.12
Cancer of the Esophagus (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	4.5	7.7	2.0	-0.1	0.0	-0.8*	0.5*	0.7*	-0.3*
White	4.6	7.9	1.9	0.9*	-0.3	-0.1	0.4	1.6*	0.1
White Hispanic ^e	2.9	5.2	1.2	-2.0*	-2.0*	-	-	-	-
White Non-Hispanic ^e	4.9	8.3	2.0	0.2	0.2	0.1	-	-	-
Black	5.6	9.3	3.0	-4.9*	-5.3*	-3.9*	-4.5*	-4.9*	-2.7*
Asian/Pacific Islander	2.4	4.0	1.2	-1.1	-1.6*	-	-	-	-
Amer Ind/Alaska Nat ^f	4.4	6.8	2.4	-	-	-	-	-	-
Hispanic ^e	2.9	5.1	1.2	-1.8*	-1.8*	-2.4	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.4	7.8	1.7	0.2	0.5*	-0.5*			
White	4.4	7.9	1.6	1.1*	1.4*	-0.2			
White Hispanic ^e	2.4	4.3	0.9	-1.5*	-1.4*	-2.0*			
White Non-Hispanic ^e	4.6	8.1	1.7	1.3*	1.6*	0.0			
Black	5.4	9.2	2.7	-4.3*	-4.5*	-3.7*			
Asian/Pacific Islander	1.8	3.1	0.9	-2.2*	-2.4*	-1.0			
Amer Ind/Alaska Nat									
Total U.S.	3.0	5.1	1.4	2.0*	0.8	-			
CHSDA Counties	3.9	6.7	1.7	3.4*	2.3*	-			
Non-CHSDA Counties	1.9	3.0	1.0	-	-	-			
Hispanic ^e	2.3	4.1	0.9	-1.5	-1.4*	-2.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Esophagus, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

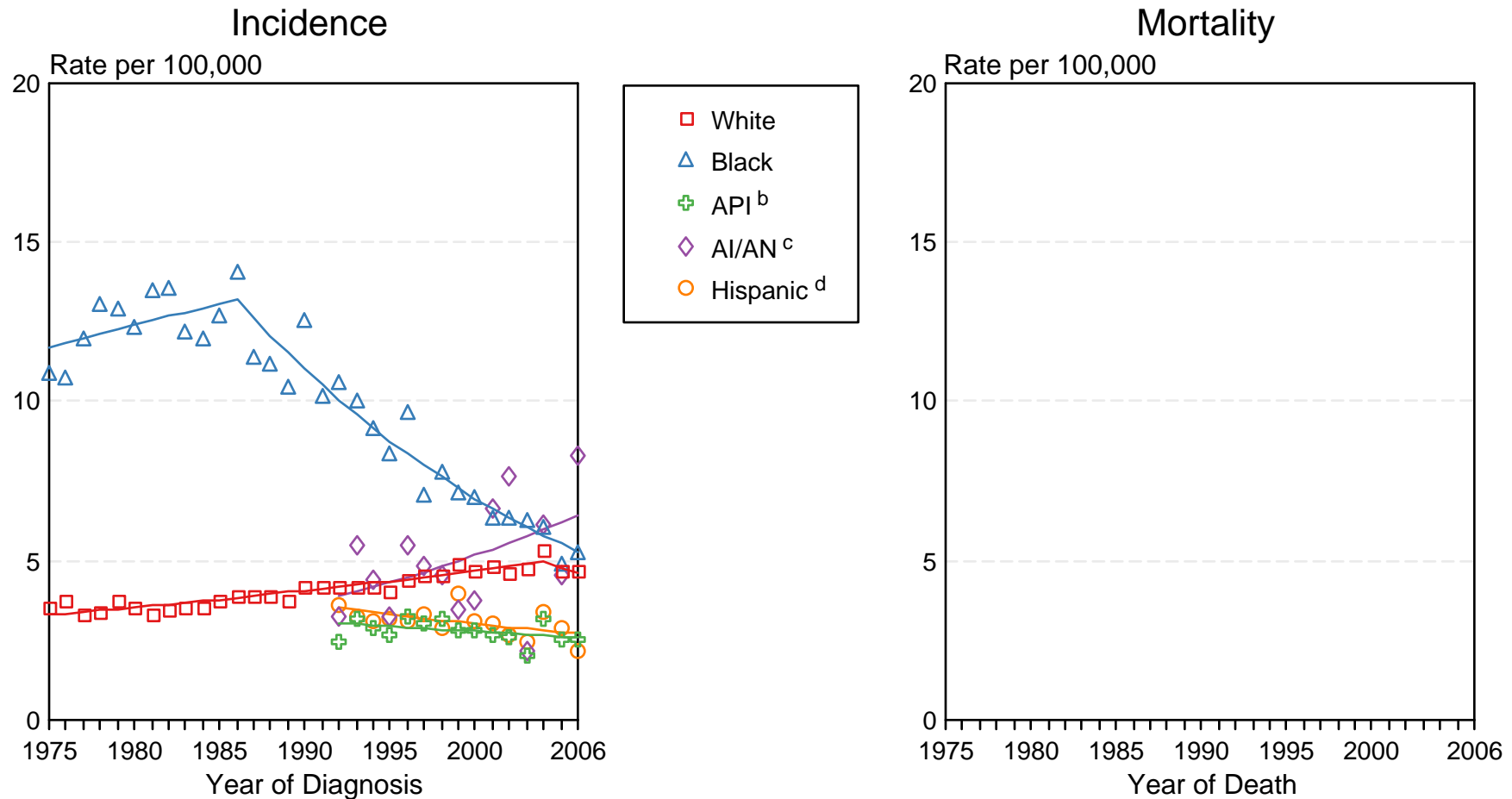


Figure 8.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 9.12
Hodgkin Lymphoma

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	2.8	3.1	2.5	0.2	0.1	0.2	-0.2	-0.6*	0.4*
White	3.0	3.3	2.7	0.0	-0.1	0.2	-0.2	-0.6*	0.3*
White Hispanic ^e	2.4	2.9	2.0	0.1	-0.1	0.3	-	-	-
White Non-Hispanic ^e	3.3	3.6	3.0	0.3*	0.2	0.4	-	-	-
Black	2.6	2.9	2.3	0.9	1.2	0.6	1.1*	0.2	2.4*
Asian/Pacific Islander	1.3	1.5	1.1	3.3*	2.0	4.8*	-	-	-
Amer Ind/Alaska Nat ^f	0.9	1.1	-	-	-	-	-	-	-
Hispanic ^e	2.3	2.9	1.9	0.2	0.2	0.3	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.4	0.5	0.4	-2.3*	-2.1*	-2.6*			
White	0.5	0.6	0.4	-2.2*	-2.0*	-2.6*			
White Hispanic ^e	0.4	0.6	0.4	-3.5*	-3.9*	-3.2*			
White Non-Hispanic ^e	0.5	0.6	0.4	-2.3*	-1.6*	-2.2*			
Black	0.4	0.5	0.3	-1.3	-3.4*	-2.6*			
Asian/Pacific Islander	0.2	0.3	0.2	-	-	-			
Amer Ind/Alaska Nat									
Total U.S.	0.2	-	-	-	-	-			
CHSDA Counties	0.3	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.4	0.5	0.3	-3.5*	-3.8*	-3.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

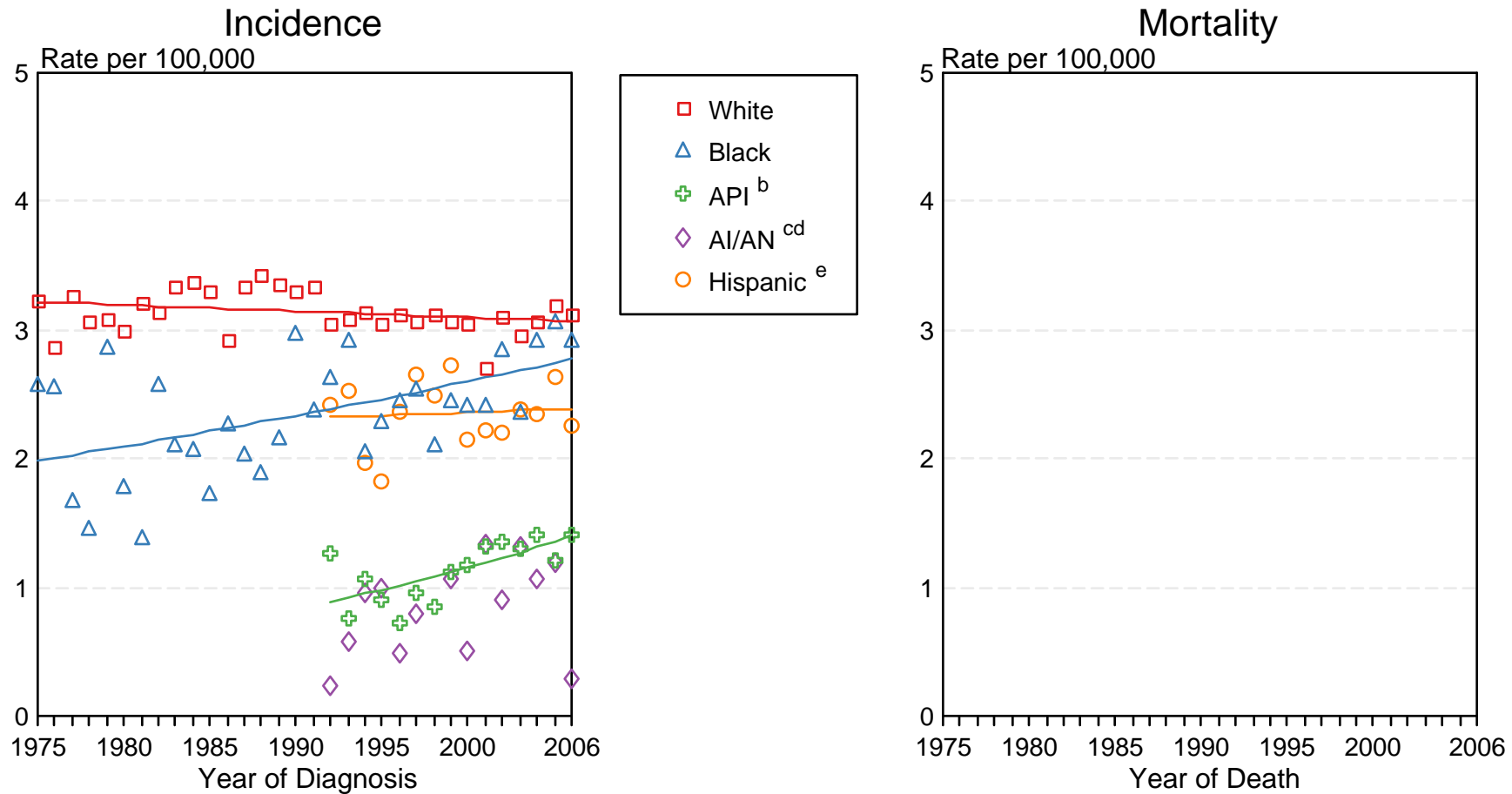


Figure 9.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Joinpoint could not fit a regression line for American Indian/Alaska Native Incidence due to insufficient data.

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 10.11
Kaposi Sarcoma

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.6	1.2	0.1	-7.9*	-7.8*	-6.7*	-7.7*	-7.8*	-6.1*
White	0.6	1.1	0.1	-8.1*	-8.1*	-	-8.4*	-8.6*	-5.5*
White Hispanic ^e	0.9	1.7	0.2	-7.9*	-6.9*	-	-	-	-
White Non-Hispanic ^e	0.5	0.9	0.1	-8.3*	-8.5*	-	-	-	-
Black	1.3	2.5	0.2	-7.4*	-7.3*	-	-6.6*	-6.4*	-
Asian/Pacific Islander	0.2	0.4	-	-	-	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.9	1.8	0.2	-7.8*	-6.7*	-	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

^d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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

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

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

Table 11.12
Cancer of the Kidney and Renal Pelvis (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.6	18.6	9.5	2.0*	1.7*	2.2*	2.0*	1.7*	2.3*
White	14.1	19.2	9.9	2.1*	1.8*	2.3*	2.0*	1.6*	2.3*
White Hispanic ^e	13.6	18.2	9.9	2.4*	2.1*	2.6*	-	-	-
White Non-Hispanic ^e	14.2	19.4	9.9	2.0*	1.7*	3.1*	-	-	-
Black	15.0	21.3	10.3	1.7*	1.7*	1.8*	2.6*	2.6*	2.7*
Asian/Pacific Islander	6.9	9.6	4.8	2.1*	1.4*	3.3*	-	-	-
Amer Ind/Alaska Nat ^f	17.5	21.7	14.1	0.7	-0.3	-	-	-	-
Hispanic ^e	13.2	17.6	9.6	2.5*	2.3*	1.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.1	6.0	2.7	-0.4*	-0.7*	-0.5*			
White	4.2	6.1	2.8	-0.3*	-0.3*	-0.5*			
White Hispanic ^e	3.8	5.4	2.5	0.1	0.0	0.1			
White Non-Hispanic ^e	4.2	6.1	2.8	-0.2	-0.2	-0.4*			
Black	4.0	6.0	2.7	-0.8*	-0.3	-0.6			
Asian/Pacific Islander	1.7	2.4	1.2	-0.7	-1.1	0.0			
Amer Ind/Alaska Nat									
Total U.S.	4.6	6.6	2.9	-0.9	-0.4	-2.5			
CHSDA Counties	6.3	9.0	4.2	-0.4	-0.4	-1.4			
Non-CHSDA Counties	2.4	3.7	1.3	-	-	-			
Hispanic ^e	3.6	5.2	2.4	0.1	-0.1	0.1			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Kidney and Renal Pelvis, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

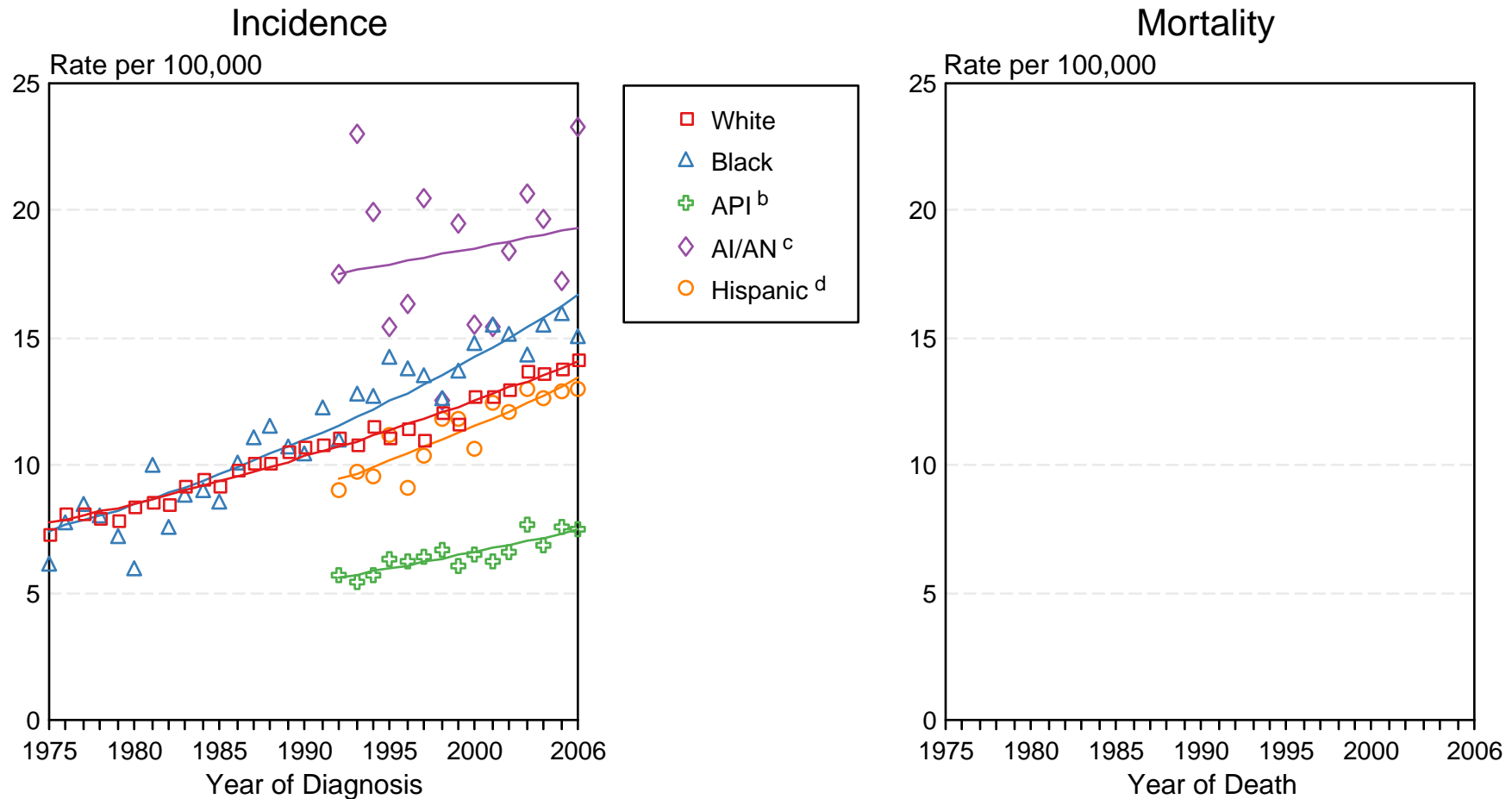


Figure 11.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 12.12
Cancer of the Larynx (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	3.5	6.2	1.3	-3.0*	-3.1*	-3.1*	-2.6*	-2.8*	-2.6*
White	3.5	6.2	1.3	-2.8*	-3.0*	-2.6*	-2.6*	-2.9*	-2.3*
White Hispanic ^e	2.5	5.0	0.6	-2.4*	-2.4*	-	-	-	-
White Non-Hispanic ^e	3.7	6.4	1.4	-2.8*	-3.0*	-2.4*	-	-	-
Black	5.6	10.5	2.0	-3.4*	-3.2*	-4.1*	-2.9*	-2.7*	-3.2*
Asian/Pacific Islander	1.3	2.7	0.3	-3.4*	-3.1*	-	-	-	-
Amer Ind/Alaska Nat ^f	1.5	2.4	-	-	-	-	-	-	-
Hispanic ^e	2.5	4.9	0.6	-2.4*	-2.4*	-	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	1.3	2.3	0.5	-2.1*	-2.4*	-1.8*			
White	1.2	2.1	0.5	-1.5*	-2.2*	-1.4*			
White Hispanic ^e	0.9	1.9	0.2	-2.7*	-3.0*	-			
White Non-Hispanic ^e	1.2	2.1	0.5	-1.5*	-1.9*	-1.0*			
Black	2.3	4.7	0.7	-3.0*	-2.9*	-3.1*			
Asian/Pacific Islander	0.4	0.7	0.1	-3.1*	-2.1	-			
Amer Ind/Alaska Nat									
Total U.S.	0.8	1.5	0.4	-	-	-			
CHSDA Counties	1.0	1.9	-	-	-	-			
Non-CHSDA Counties	0.7	0.9	-	-	-	-			
Hispanic ^e	0.9	1.9	0.2	-2.7*	-2.9*	-			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Larynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

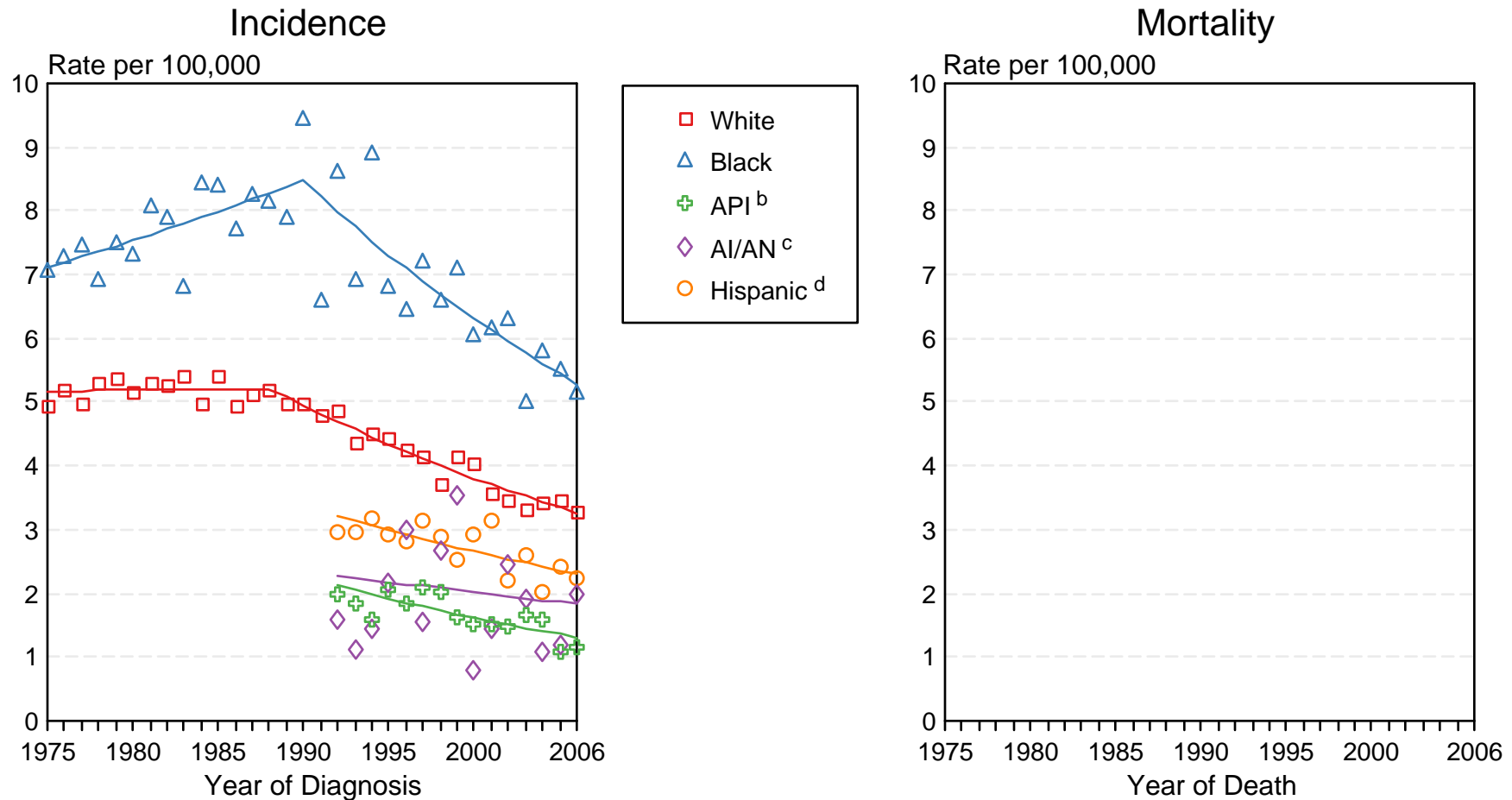


Figure 12.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 13.20
Leukemia

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.2	15.8	9.5	-1.2	-1.7*	-0.3	-1.0*	-1.6*	0.0
White	12.8	16.5	9.9	-1.0*	-1.5*	-0.2	-0.9*	-1.4*	0.1*
White Hispanic ^e	9.9	12.1	8.2	-0.2	-0.2	-0.4	-	-	-
White Non-Hispanic ^e	13.0	16.9	9.9	-1.0*	-1.6*	-0.1	-	-	-
Black	9.8	12.7	7.8	-0.5	-0.6	-0.4	-0.4*	-0.5*	-0.4
Asian/Pacific Islander	7.3	8.9	6.1	-0.9*	-0.8	-0.9*	-	-	-
Amer Ind/Alaska Nat ^f	7.0	7.9	6.1	3.1*	-	-	-	-	-
Hispanic ^e	9.7	11.8	8.1	-0.1	-0.1	-0.2	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	7.3	9.8	5.5	-0.9*	-0.8*	-1.2*			
White	7.5	10.1	5.7	-0.6*	-0.7*	-1.0*			
White Hispanic ^e	5.1	6.4	4.1	-1.5*	-0.6	-1.0*			
White Non-Hispanic ^e	7.6	10.3	5.7	-0.6*	-0.7*	-0.7*			
Black	6.4	8.5	5.1	-1.2*	-1.2*	-2.0*			
Asian/Pacific Islander	3.8	5.0	2.9	-1.5*	-1.1*	-1.8*			
Amer Ind/Alaska Nat									
Total U.S.	3.7	4.5	3.1	-1.6	-2.6	-1.5			
CHSDA Counties	4.7	5.9	3.6	-0.6	-0.7	-			
Non-CHSDA Counties	2.6	2.7	2.4	-3.0	-	-			
Hispanic ^e	4.9	6.1	4.0	-1.5*	-0.6	-1.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Leukemia, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

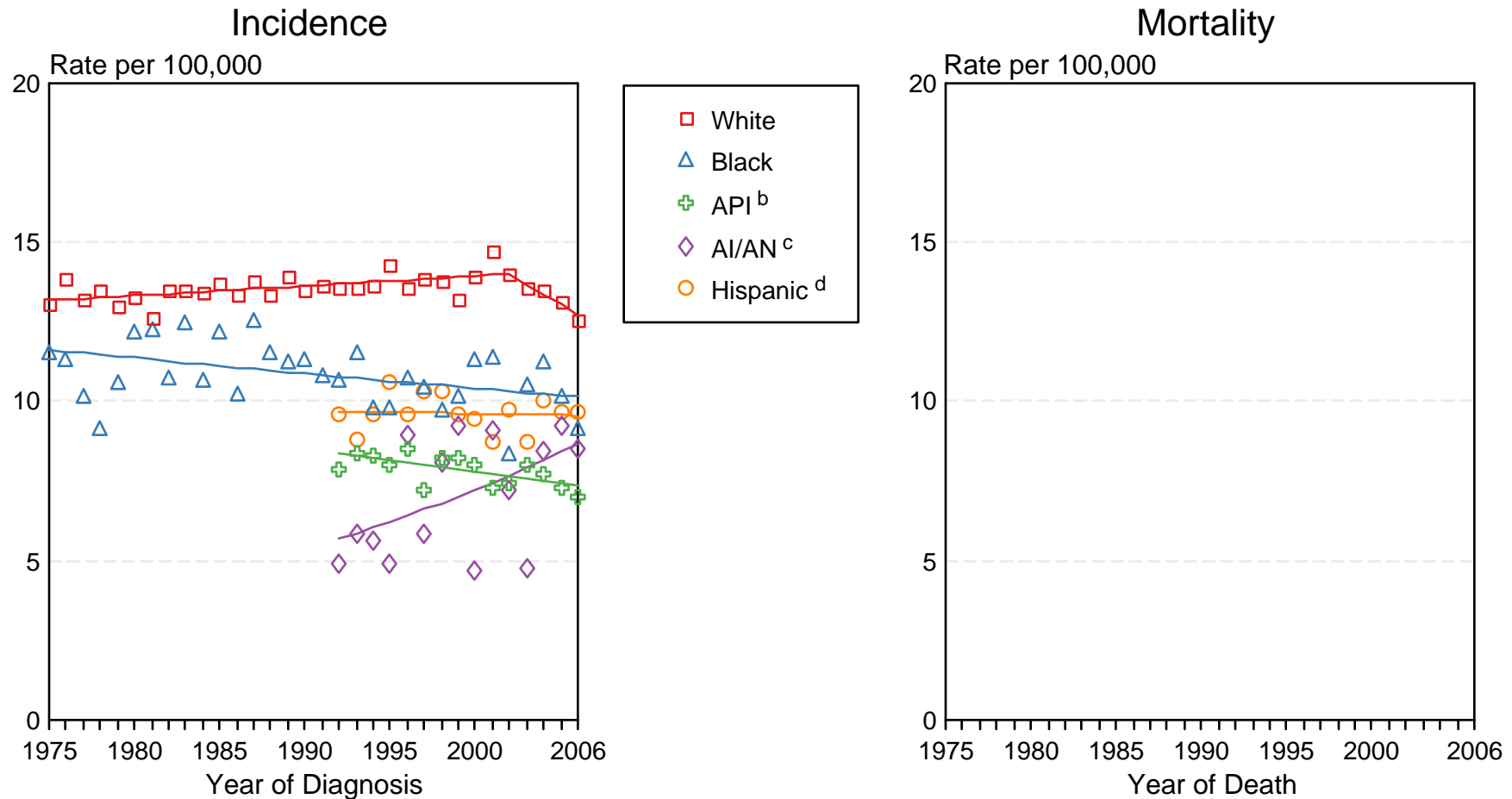


Figure 13.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 14.12
Cancer of the Liver and Intrahepatic Bile Duct (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.6	10.2	3.6	2.3*	2.4*	1.4*	2.5*	2.6*	1.6*
White	5.6	8.6	3.0	2.7	3.2*	0.9	2.3*	2.6*	0.9
White Hispanic ^e	10.5	15.7	6.0	2.5*	2.2*	2.4*	-	-	-
White Non-Hispanic ^e	4.9	7.5	2.6	2.3	2.8*	0.3	-	-	-
Black	8.2	13.4	4.2	3.7*	4.0*	2.8*	3.1*	3.3*	2.6*
Asian/Pacific Islander	14.2	21.4	8.3	0.6	0.6	0.7	-	-	-
Amer Ind/Alaska Nat ^f	9.9	13.6	6.6	1.7	-	-	-	-	-
Hispanic ^e	10.2	15.2	5.9	2.7*	2.4*	2.6*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	5.1	7.5	3.2	1.9*	2.1*	1.3*			
White	4.7	6.8	2.9	2.0*	2.2*	1.2*			
White Hispanic ^e	8.3	11.7	5.4	1.8*	1.5*	1.6*			
White Non-Hispanic ^e	4.4	6.4	2.8	1.8*	2.1*	0.9			
Black	6.8	10.8	3.9	1.7*	2.1*	0.7*			
Asian/Pacific Islander	10.3	15.0	6.6	-0.7*	-1.0*	-0.2			
Amer Ind/Alaska Nat									
Total U.S.	6.2	7.9	4.6	1.9*	1.0	2.3			
CHSDA Counties	8.3	10.3	6.5	1.9*	1.0	2.5			
Non-CHSDA Counties	3.6	5.1	2.2	-	-	-			
Hispanic ^e	7.9	11.3	5.1	1.7*	1.5*	1.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a

Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

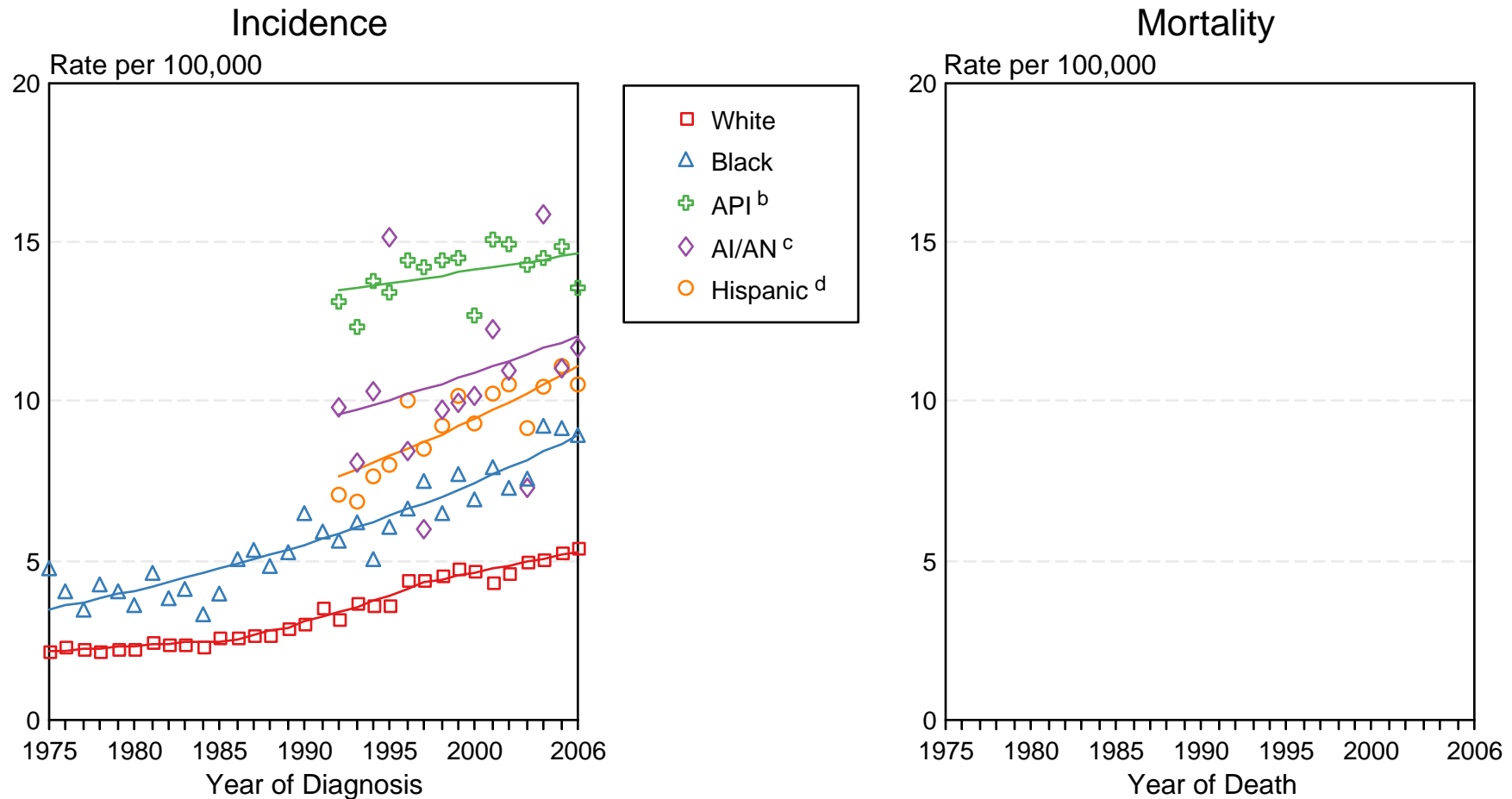


Figure 14.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 15.18
Lung and Bronchus (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	63.1	77.7	52.5	-1.2*	-2.4*	-0.5*	-0.8*	-1.9*	0.0
White	64.4	77.6	54.8	-1.4*	-2.1*	-0.6*	-1.0*	-2.2*	-0.1
White Hispanic ^e	33.1	43.9	25.3	-2.0*	-2.5*	-1.4*	-	-	-
White Non-Hispanic ^e	68.8	82.2	59.0	-1.1*	-1.9*	-0.4	-	-	-
Black	74.7	104.3	54.7	-1.4*	-2.7*	0.5*	-1.1*	-3.3*	0.4
Asian/Pacific Islander	38.9	53.4	28.1	-0.7*	-1.2*	0.4	-	-	-
Amer Ind/Alaska Nat ^f	44.9	51.6	39.8	-0.3	-2.2*	2.2*	-	-	-
Hispanic ^e	32.5	43.2	24.7	-1.8*	-2.3*	-1.3*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	53.4	70.5	40.9	-0.9*	-1.9*	0.0			
White	53.8	69.9	41.9	-0.8*	-1.8*	0.0			
White Hispanic ^e	23.4	34.9	14.9	-2.1*	-2.9*	-0.3			
White Non-Hispanic ^e	56.4	72.9	44.2	-0.6*	-1.6*	0.3			
Black	59.9	90.1	40.0	-1.8*	-2.8*	0.3*			
Asian/Pacific Islander	26.2	36.9	18.2	-1.3*	-1.6*	-0.5			
Amer Ind/Alaska Nat									
Total U.S.	33.9	41.2	28.3	-0.9*	-2.6*	1.0*			
CHSDA Counties	39.7	48.0	33.5	-0.2	-1.7*	1.6*			
Non-CHSDA Counties	26.5	32.9	21.6	-1.7*	-3.5*	0.4			
Hispanic ^e	22.7	33.9	14.4	-2.1*	-3.1*	-0.3			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Lung and Bronchus, Both Sexes

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

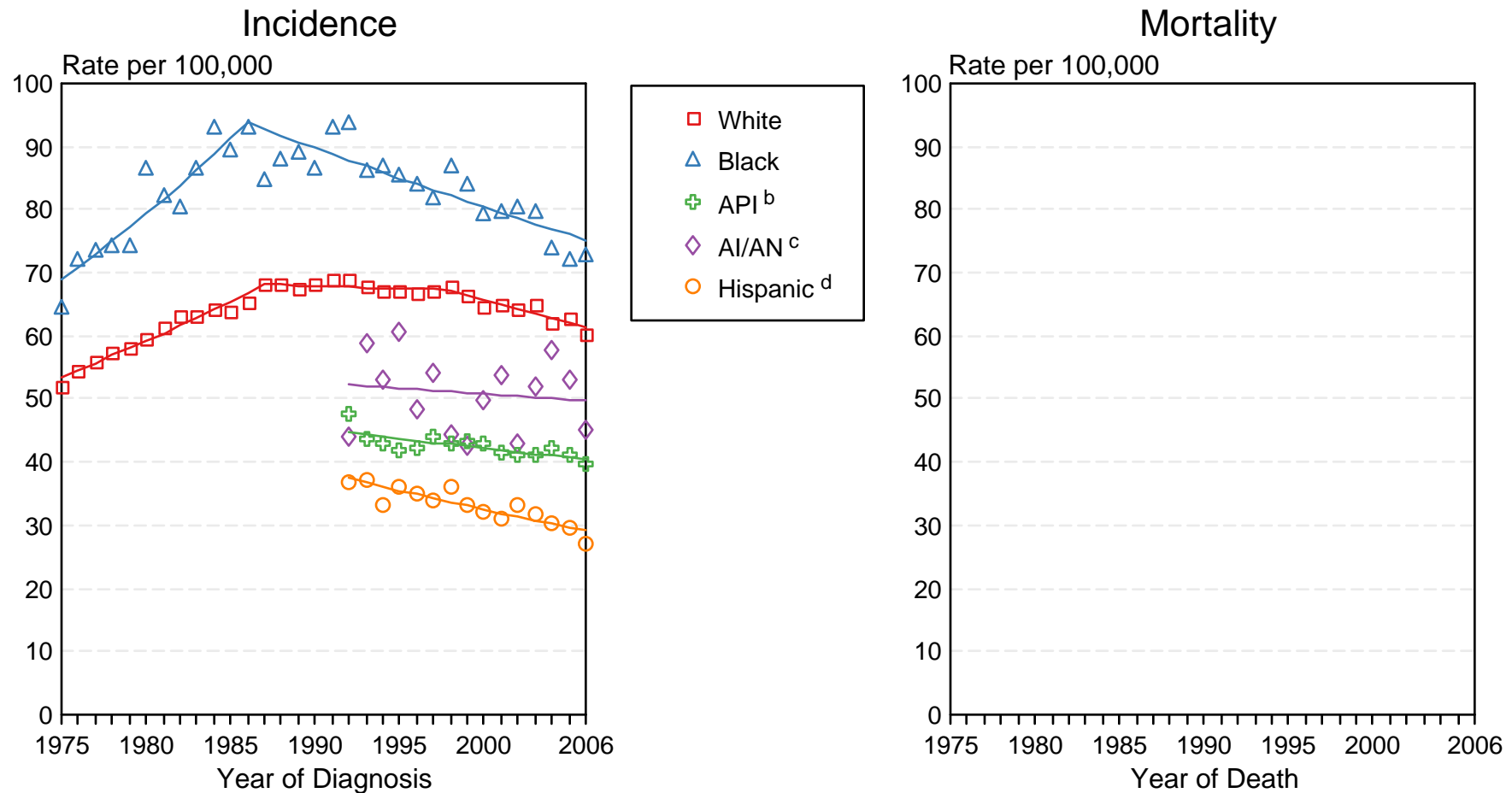


Figure 15.4

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 16.12
Melanoma of the Skin (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.6	25.0	15.8	1.7*	1.7*	2.2*	2.6*	2.9*	2.4*
White	22.9	28.9	18.7	2.2*	2.7*	2.8*	3.1*	3.1*	2.5*
White Hispanic ^e	4.6	4.7	4.7	1.1	1.9*	0.7	-	-	-
White Non-Hispanic ^e	26.7	33.2	22.0	3.2*	3.1*	3.4*	-	-	-
Black	1.0	1.1	1.0	-5.1*	-	-	-0.5	0.2	-1.0*
Asian/Pacific Islander	1.4	1.6	1.3	1.7	1.7	1.9	-	-	-
Amer Ind/Alaska Nat ^f	3.3	3.9	2.8	-	-	-	-	-	-
Hispanic ^e	4.5	4.6	4.7	-0.5	1.6*	0.6	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	2.7	3.9	1.7	-0.1	0.3	-0.5*			
White	3.0	4.4	2.0	0.1	0.3	-0.3*			
White Hispanic ^e	0.8	1.0	0.6	-0.8	-0.5	-1.1			
White Non-Hispanic ^e	3.3	4.8	2.1	0.3*	0.5*	-0.1			
Black	0.4	0.5	0.4	-1.1	0.4	-2.1*			
Asian/Pacific Islander	0.4	0.5	0.3	-0.7	-	-			
Amer Ind/Alaska Nat									
Total U.S.	0.9	1.1	0.7	-	-	-			
CHSDA Counties	1.2	1.6	0.9	-	-	-			
Non-CHSDA Counties	0.4	-	-	-	-	-			
Hispanic ^e	0.7	0.9	0.6	-0.7	-0.7	-0.9			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Melanoma of the Skin, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

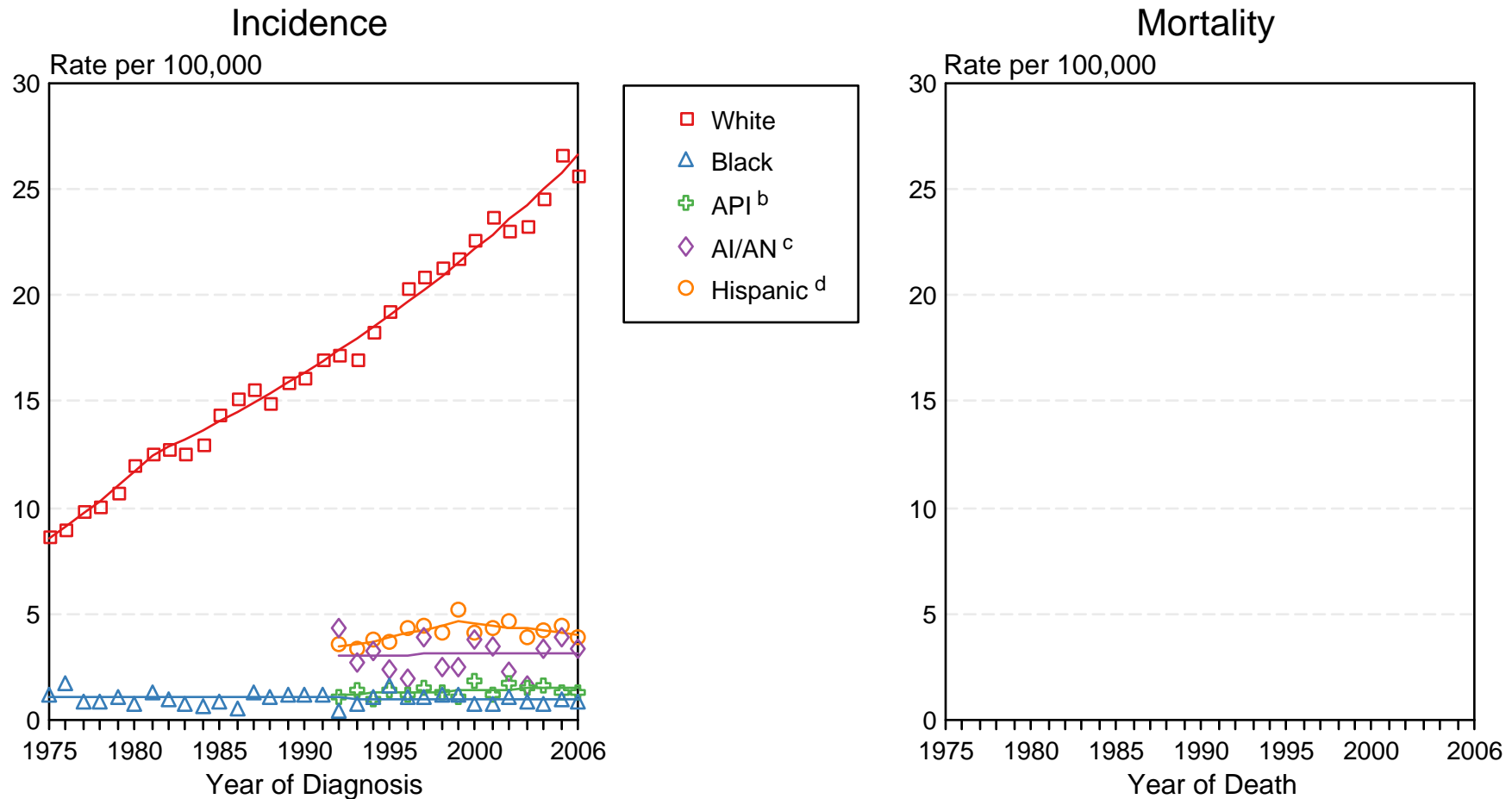


Figure 16.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 17.9
Mesothelioma

SEER Incidence
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	1.1	2.0	0.4	-1.2*	-1.7*	0.0	-1.2*	-1.8*	-0.1
White	1.2	2.2	0.5	-0.8*	-1.4*	0.4	-0.7	-1.6*	0.9*
White Hispanic ^e	1.1	1.8	0.5	-2.6*	-3.3*	-	-	-	-
White Non-Hispanic ^e	1.2	2.2	0.5	-0.7*	-1.2*	0.3	-	-	-
Black	0.6	1.2	0.3	-3.5*	-	-	-6.5*	-7.8*	-
Asian/Pacific Islander	0.3	0.6	0.1	-	-	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	1.0	1.8	0.5	-2.4*	-3.1*	-	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

^c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

^d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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

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

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

Table 18.12
Myeloma

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	5.6	7.1	4.6	-0.3	-0.3	-0.3	-0.8*	-0.9	-1.1*
White	5.2	6.6	4.1	-0.2	-0.3	-0.4	-0.7	-0.9	-1.1
White Hispanic ^e	5.5	6.6	4.7	-0.5	-0.8	-0.1	-	-	-
White Non-Hispanic ^e	5.1	6.6	4.0	-0.2	-0.2	-0.5	-	-	-
Black	11.7	14.3	10.0	-0.3	0.0	-0.7	-0.8	0.3	-1.4
Asian/Pacific Islander	3.3	3.9	2.8	-0.7	-1.4*	0.3	-	-	-
Amer Ind/Alaska Nat ^f	4.8	4.6	5.1	-	-	-	-	-	-
Hispanic ^e	5.4	6.4	4.7	-0.4	-0.7	-0.1	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	3.6	4.5	3.0	-1.3*	-1.1*	-1.5*			
White	3.4	4.3	2.7	-1.2*	-1.0*	-1.4*			
White Hispanic ^e	3.0	3.5	2.6	-0.5	-1.1	-1.6*			
White Non-Hispanic ^e	3.4	4.3	2.7	-1.1*	-1.0*	-1.3*			
Black	6.8	8.2	5.8	-1.9*	-1.3*	-2.1*			
Asian/Pacific Islander	1.6	1.9	1.5	-1.3*	-2.1*	-0.4			
Amer Ind/Alaska Nat									
Total U.S.	2.8	3.3	2.5	-0.7	-	-			
CHSDA Counties	3.6	4.3	3.3	-0.5	-	-			
Non-CHSDA Counties	1.7	2.0	1.5	-	-	-			
Hispanic ^e	2.9	3.4	2.6	-0.4	-1.0	-1.5*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Myeloma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

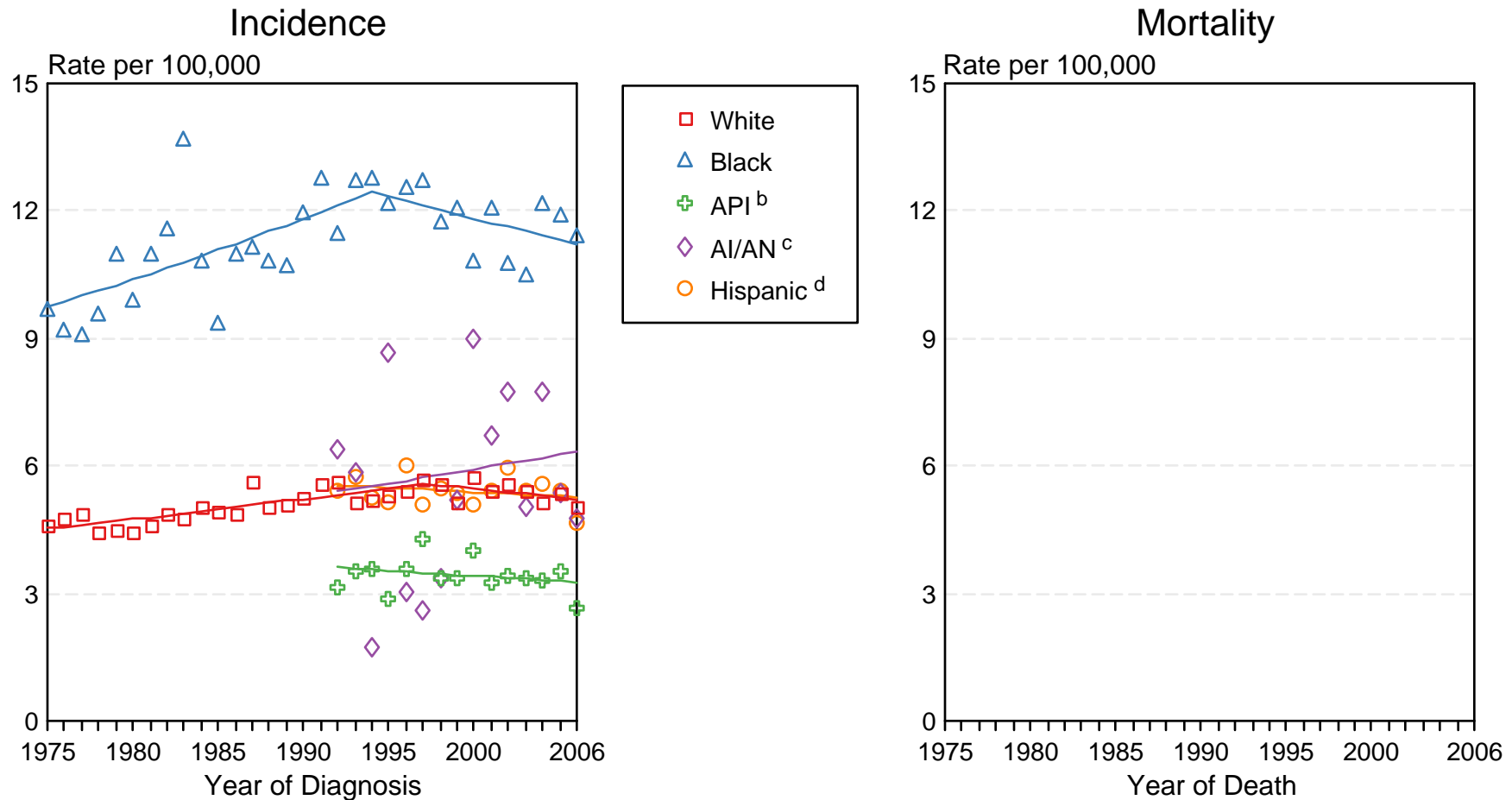


Figure 18.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 19.16
Non-Hodgkin Lymphoma

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.5	23.5	16.4	0.3*	-0.2	0.4	0.0	0.1	0.3
White	20.4	24.4	17.2	0.3*	-0.1	0.9*	0.5*	0.1	1.0*
White Hispanic ^e	17.1	19.6	14.9	-0.2	-0.8*	0.7*	-	-	-
White Non-Hispanic ^e	20.9	25.2	17.5	0.5*	0.1	1.0*	-	-	-
Black	14.8	18.3	12.2	0.8*	-0.2	2.1*	0.6	-0.6	2.6*
Asian/Pacific Islander	12.9	15.5	10.9	-0.2	-0.5	0.3	-	-	-
Amer Ind/Alaska Nat ^f	10.8	11.8	10.0	3.2*	-	-	-	-	-
Hispanic ^e	16.7	19.1	14.6	-0.1	-0.7	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	7.1	9.0	5.7	-3.2*	-3.0*	-3.5*			
White	7.4	9.3	5.9	-3.2*	-2.9*	-3.5*			
White Hispanic ^e	5.6	6.7	4.8	-3.5*	-3.6*	-3.1*			
White Non-Hispanic ^e	7.5	9.5	6.0	-3.0*	-2.7*	-3.2*			
Black	5.0	6.3	4.1	-2.9*	-3.4*	-2.4*			
Asian/Pacific Islander	4.4	5.4	3.7	-3.2*	-2.7*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	3.6	4.0	3.3	-0.8	-1.5	-0.3			
CHSDA Counties	4.8	5.2	4.4	0.7	-0.5	1.7			
Non-CHSDA Counties	2.2	2.6	1.8	-9.5*	-	-			
Hispanic ^e	5.4	6.4	4.6	-3.5*	-3.7*	-3.1*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Non-Hodgkin Lymphoma, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

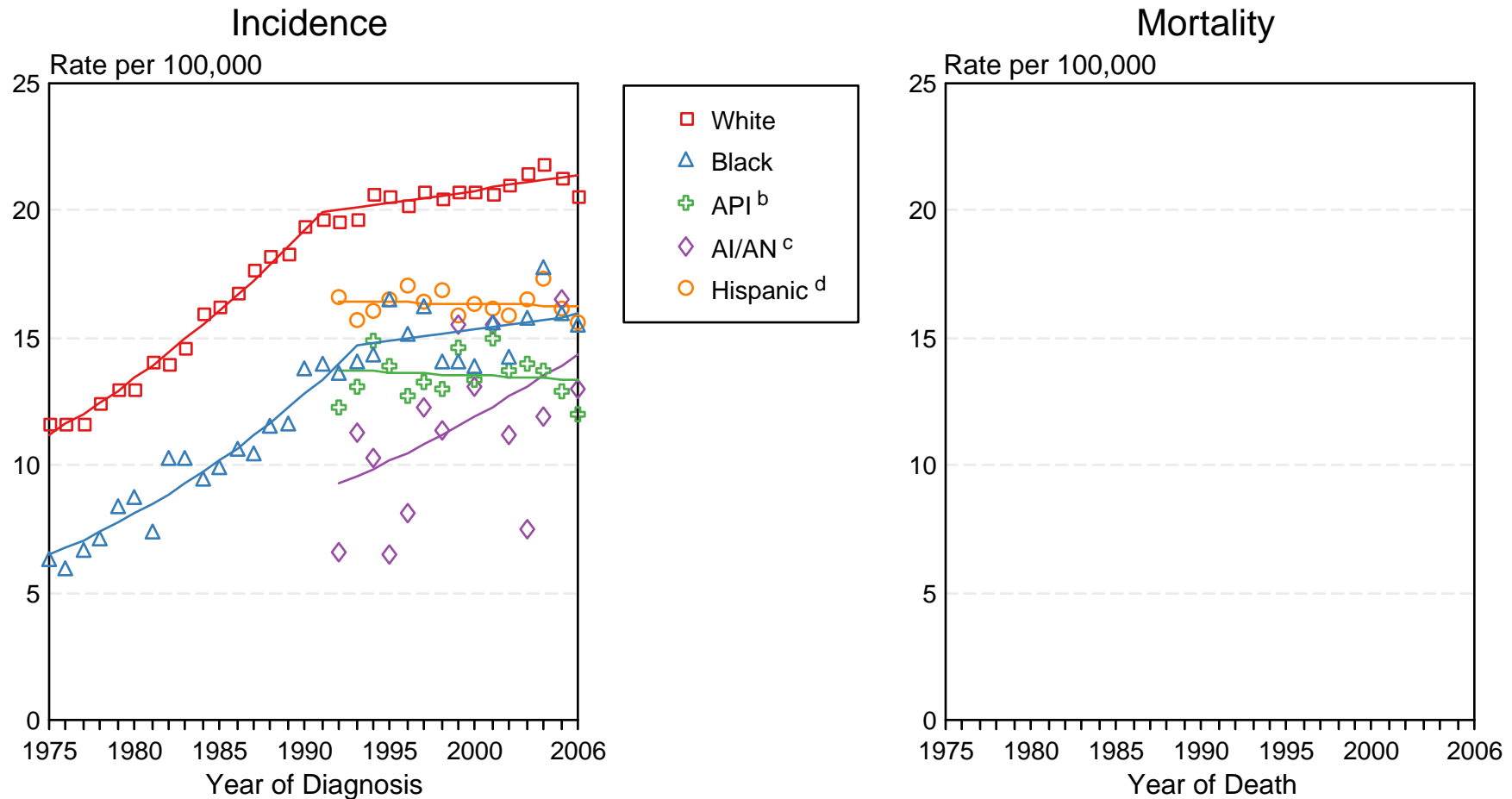


Figure 19.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 20.12a
Cancer of the Oral Cavity and Pharynx (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	10.4	15.4	6.1	-1.4*	-1.6*	-1.3*	-1.1*	-1.4*	-1.0*
White	10.5	15.6	6.1	-1.2*	-1.3*	-1.4*	-0.9*	-1.2*	-1.0*
White Hispanic ^e	6.1	9.2	3.6	-2.3*	-2.7*	-2.0*	-	-	-
White Non-Hispanic ^e	11.2	16.7	6.5	-0.9*	-1.1*	-1.1*	-	-	-
Black	10.5	16.7	5.8	-2.8*	-3.3*	-1.2*	-2.6*	-3.3*	-1.4*
Asian/Pacific Islander	7.8	10.8	5.4	-1.3*	-1.6*	-0.8	-	-	-
Amer Ind/Alaska Nat ^f	7.1	9.2	5.1	-3.4*	-	-	-	-	-
Hispanic ^e	6.0	9.0	3.5	-2.3*	-2.6*	-2.0*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	2.6	3.9	1.5	-2.2*	-2.2*	-2.4*			
White	2.5	3.7	1.4	-1.9*	-1.9*	-2.2*			
White Hispanic ^e	1.6	2.6	0.8	-3.1*	-3.9*	-1.8*			
White Non-Hispanic ^e	2.5	3.8	1.5	-1.6*	-1.7*	-2.0*			
Black	3.6	6.5	1.6	-3.8*	-3.7*	-3.9*			
Asian/Pacific Islander	2.1	3.2	1.3	-2.5*	-2.8*	-1.7			
Amer Ind/Alaska Nat									
Total U.S.	2.0	3.0	1.2	-1.8*	-2.1	-			
CHSDA Counties	2.4	3.6	1.5	-2.1*	-	-			
Non-CHSDA Counties	1.4	2.2	0.8	-	-	-			
Hispanic ^e	1.5	2.5	0.8	-3.1*	-3.9*	-1.7*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Oral Cavity and Pharynx, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

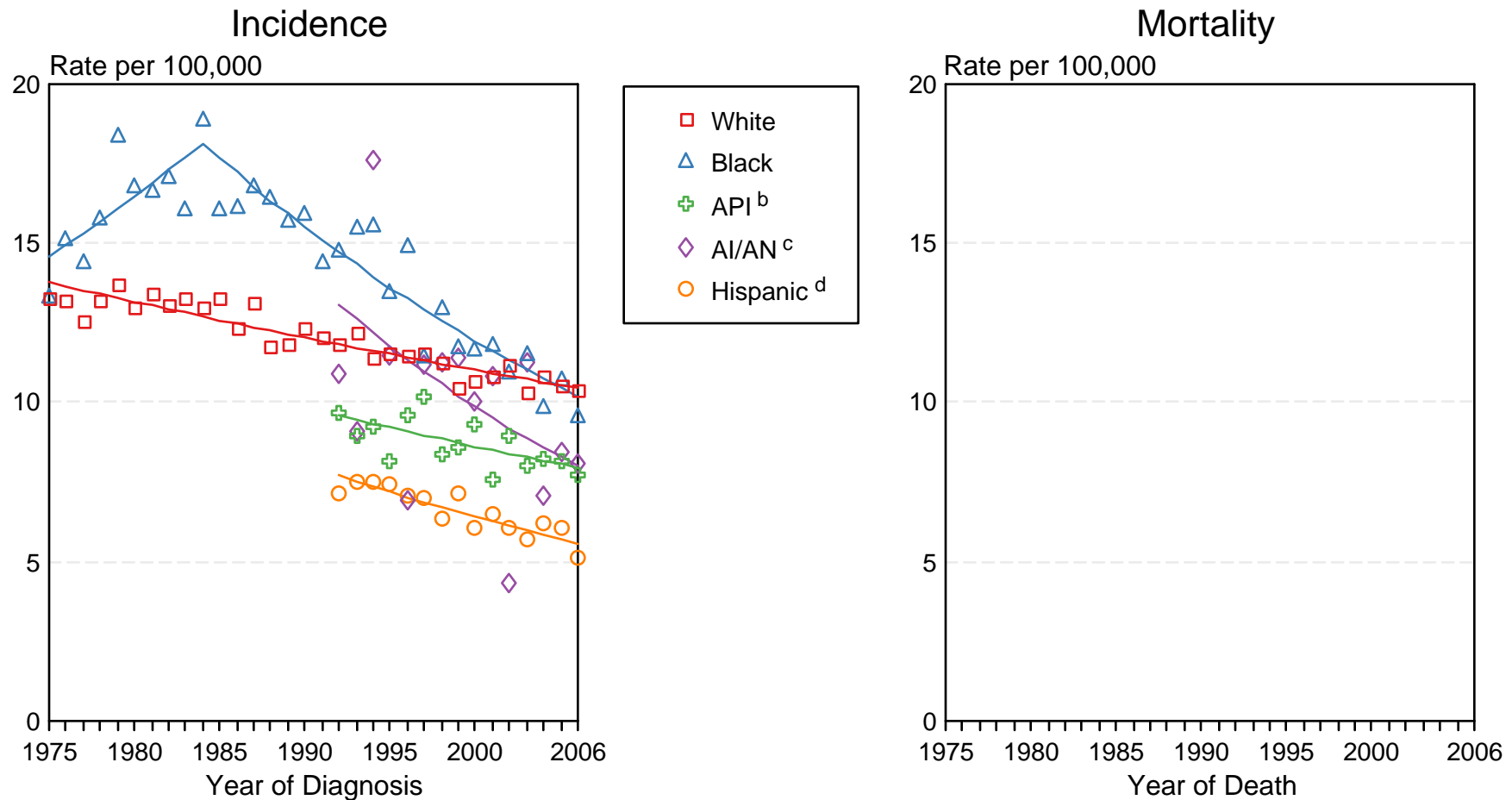


Figure 20.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

SEER Incidence Rates^a

Cancer of the Oral Cavity and Pharyngeal for Selected Subsites, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2005

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2005

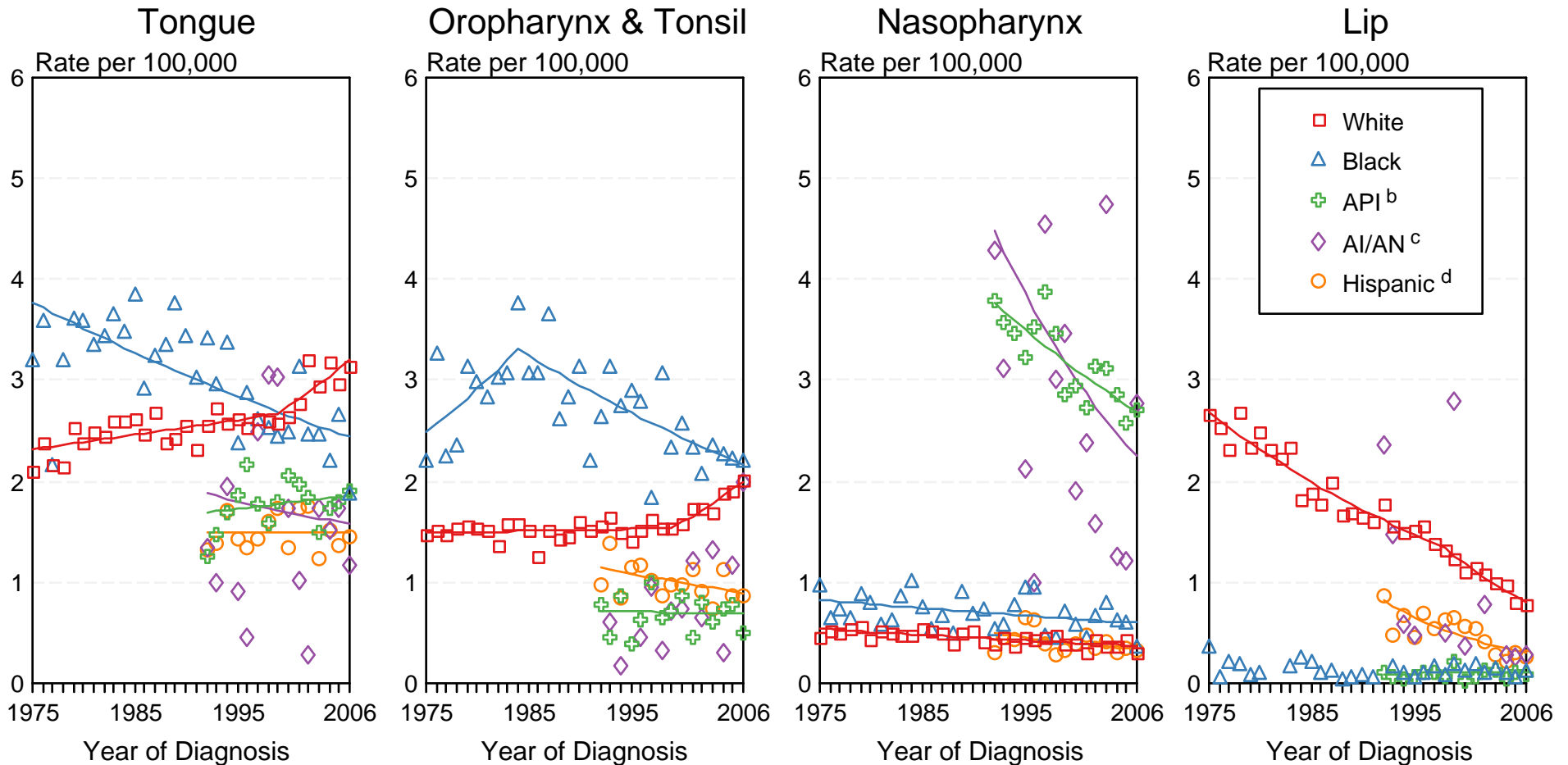


Figure XX-3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2005 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2005 allow a maximum of 3 joinpoints. Regression lines could not be calculated for data series that had at least one diagnosis year with a 0 case count.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

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

Table 21.10
Cancer of the Ovary (Invasive)

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

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	13.1	-1.6*	-1.8*
White	13.8	-1.7*	-1.9*
White Hispanic ^e	11.7	-0.7	-
White Non-Hispanic ^e	14.1	-1.7*	-
Black	10.1	-0.9*	-0.6*
Asian/Pacific Islander	9.9	0.0	-
Amer Ind/Alaska Nat ^f	10.8	-	-
Hispanic ^e	11.3	-0.6	-
<u>U.S. Mortality^g</u>			
	Rate 2002-2006	Trend 1997-2006 ^h	
	Rate per 100,000 persons	AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	8.8	-0.4	
White	9.1	-0.4	
White Hispanic ^e	6.3	-0.4	
White Non-Hispanic ^e	9.3	-0.3	
Black	7.3	-0.6*	
Asian/Pacific Islander	4.9	0.3	
Amer Ind/Alaska Nat			
Total U.S.	5.4	0.1	
CHSDA Counties	6.8	0.8	
Non-CHSDA Counties	3.6	-	
Hispanic ^e	6.0	-0.3	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Ovary

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

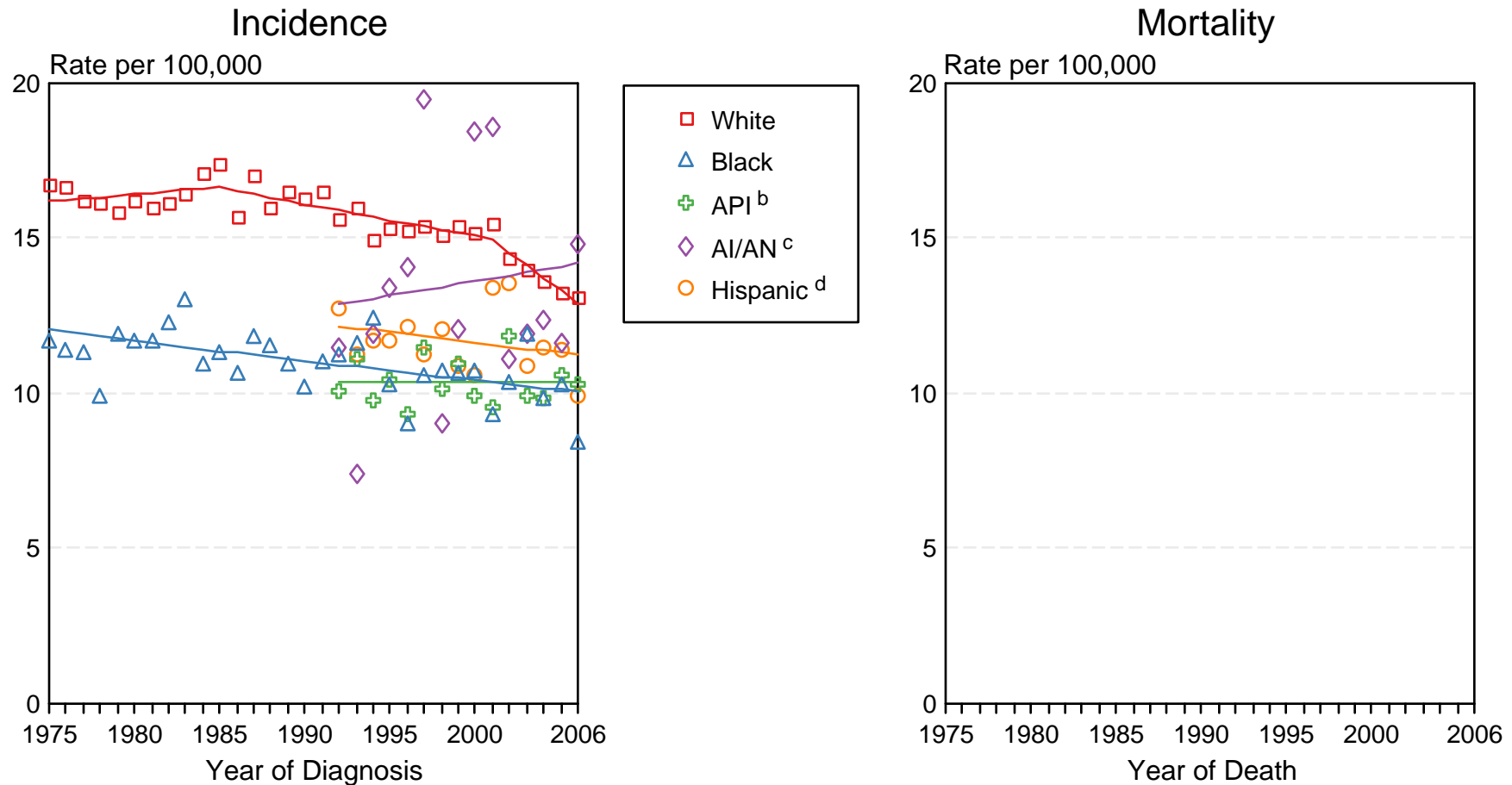


Figure 11.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473. Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- ^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.
- ^b API = Asian/Pacific Islander.
- ^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- ^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 22.12
Cancer of the Pancreas (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	11.7	13.1	10.4	0.3*	0.1	0.4*	0.5*	0.3	0.6*
White	11.5	13.1	10.2	0.5*	0.4*	0.4*	0.7*	0.7*	0.9*
White Hispanic ^e	10.9	11.4	10.4	-0.1	-0.1	-0.3	-	-	-
White Non-Hispanic ^e	11.7	13.3	10.2	0.5*	0.5*	0.5*	-	-	-
Black	15.6	16.6	14.6	-0.8*	-1.2*	-0.6	-0.3*	-0.7*	0.0
Asian/Pacific Islander	9.0	10.1	8.2	0.0	-0.9	0.9*	-	-	-
Amer Ind/Alaska Nat ^f	9.7	10.2	9.3	-	-	-	-	-	-
Hispanic ^e	10.6	11.1	10.2	0.0	0.0	-0.1	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	10.7	12.3	9.3	0.3*	0.1	0.3*			
White	10.5	12.2	9.1	0.5*	0.3*	0.4*			
White Hispanic ^e	8.6	9.5	7.8	0.1	-0.4	0.3			
White Non-Hispanic ^e	10.6	12.4	9.2	0.6*	0.6*	0.3*			
Black	13.7	15.4	12.4	-0.8*	-1.2*	-0.6*			
Asian/Pacific Islander	7.4	8.1	7.0	-0.3	-1.0*	0.5			
Amer Ind/Alaska Nat									
Total U.S.	6.8	7.1	6.6	1.1	1.8	0.9			
CHSDA Counties	8.4	9.1	7.8	2.3*	3.2*	2.1			
Non-CHSDA Counties	4.9	4.5	5.1	-0.9	-	-			
Hispanic ^e	8.3	9.1	7.5	0.0	-0.3	0.3			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Pancreas, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

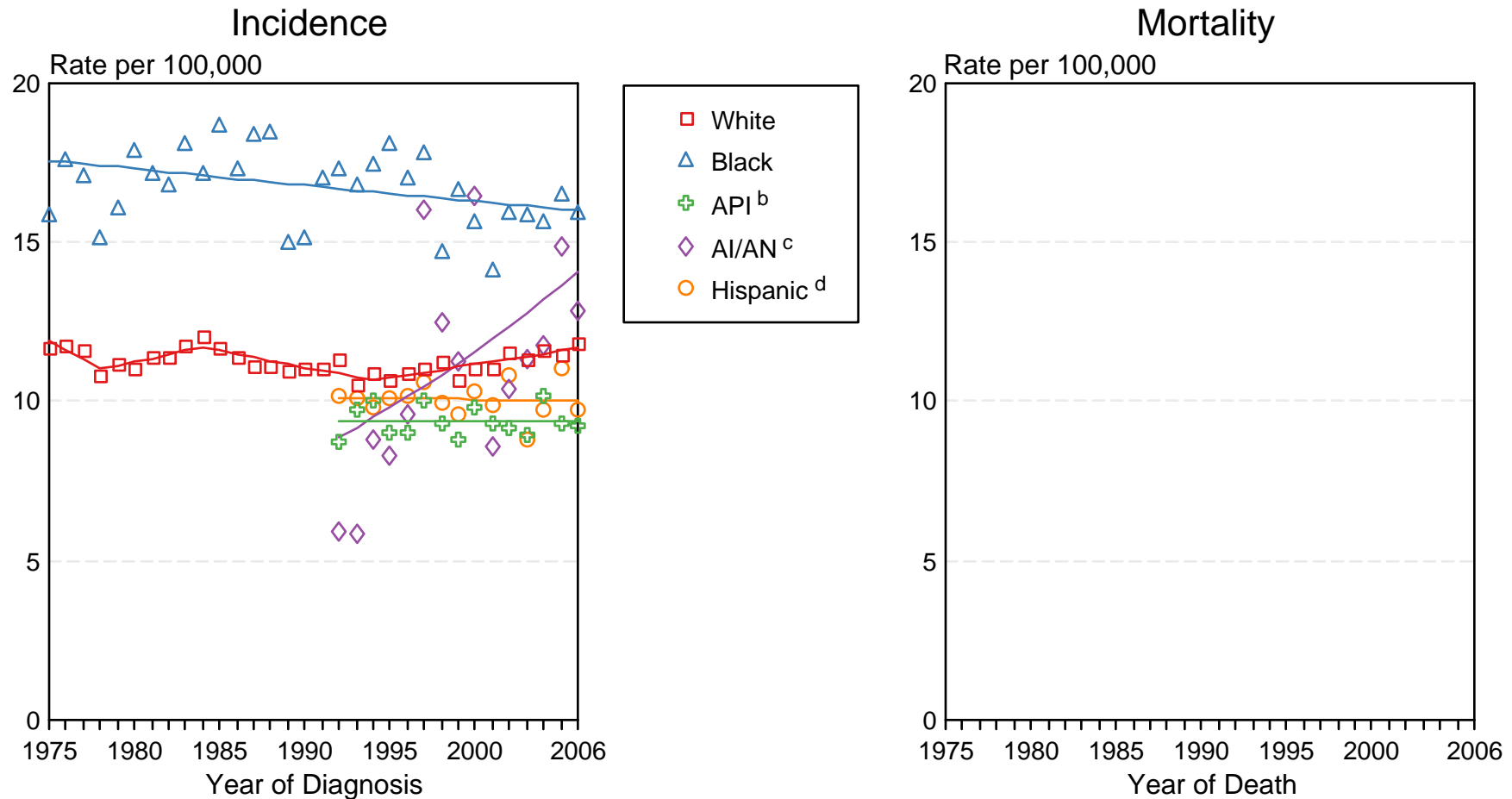


Figure 22.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 23.10
Cancer of the Prostate (Invasive)

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

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	159.3	-1.3*	-1.1
White	153.0	-1.4*	-1.2*
White Hispanic ^e	133.2	-2.1	-
White Non-Hispanic ^e	156.1	-1.5*	-
Black	239.8	-2.6*	-2.2*
Asian/Pacific Islander	91.1	-0.7	-
Amer Ind/Alaska Nat ^f	76.1	-2.6*	-
Hispanic ^e	133.4	-1.4*	-
<u>U.S. Mortality^g</u>			
	Rate 2002-2006	Trend 1997-2006 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	25.6	-4.1*	
White	23.6	-4.0*	
White Hispanic ^e	20.0	-3.1*	
White Non-Hispanic ^e	23.7	-4.1*	
Black	56.3	-4.3*	
Asian/Pacific Islander	10.6	-4.4*	
Amer Ind/Alaska Nat			
Total U.S.	16.8	-3.8*	
CHSDA Counties	20.0	-3.0*	
Non-CHSDA Counties	12.6	-4.3*	
Hispanic ^e	19.6	-3.6*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Prostate

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

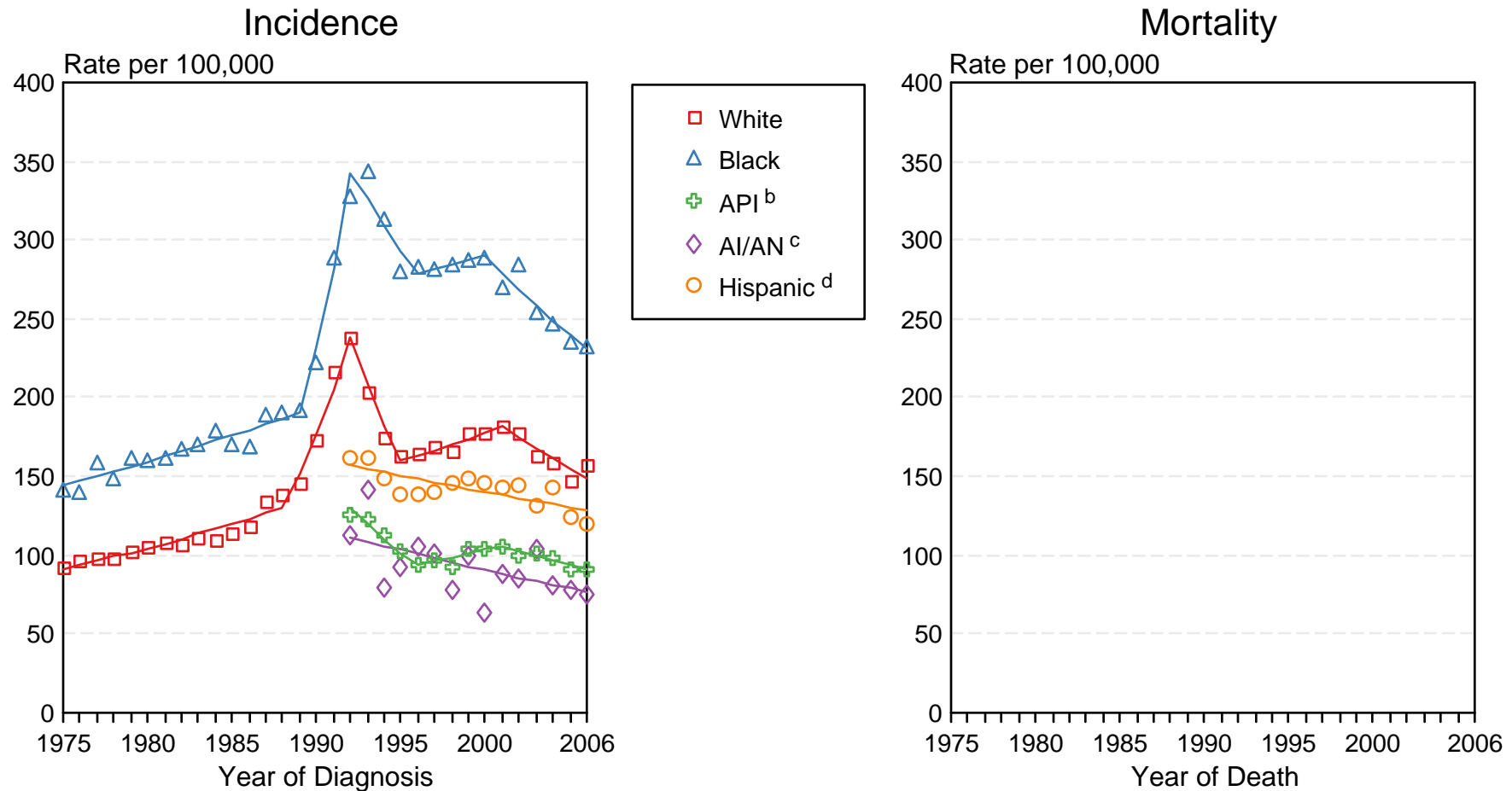


Figure 23.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 24.12
Cancer of the Stomach (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	7.9	11.0	5.5	-1.4*	-2.0*	-0.8*	-1.6*	-2.0*	-1.6*
White	6.9	9.8	4.7	-1.4*	-2.0*	-0.9*	-1.9*	-1.9*	-2.0*
White Hispanic ^e	12.0	15.3	9.5	-1.9*	-2.8*	-0.9*	-	-	-
White Non-Hispanic ^e	6.2	9.0	4.0	-1.8*	-2.2*	-1.5*	-	-	-
Black	12.1	16.8	9.0	-1.9*	-2.5*	-1.1	-1.4*	-2.2*	-1.0*
Asian/Pacific Islander	13.4	18.0	10.0	-3.2*	-3.0*	-3.1*	-	-	-
Amer Ind/Alaska Nat ^f	11.2	15.5	7.9	0.6	0.5	-	-	-	-
Hispanic ^e	11.7	14.9	9.3	-1.7*	-2.6*	-0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.0	5.5	2.8	-3.3*	-3.7*	-2.7*			
White	3.5	4.8	2.4	-3.2*	-3.9*	-2.9*			
White Hispanic ^e	6.5	8.6	5.0	-2.3*	-3.9*	-1.8*			
White Non-Hispanic ^e	3.2	4.5	2.2	-3.7*	-4.2*	-3.2*			
Black	7.6	11.0	5.3	-3.7*	-3.9*	-3.6*			
Asian/Pacific Islander	7.4	9.6	5.8	-3.9*	-3.9*	-3.7*			
Amer Ind/Alaska Nat									
Total U.S.	4.5	6.4	3.2	-2.6*	-1.8*	-3.4*			
CHSDA Counties	6.7	9.8	4.6	-1.0	-0.6	-6.1			
Non-CHSDA Counties	1.8	2.3	1.4	-	-	-			
Hispanic ^e	6.3	8.3	4.8	-3.2*	-4.0*	-1.8*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Stomach, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

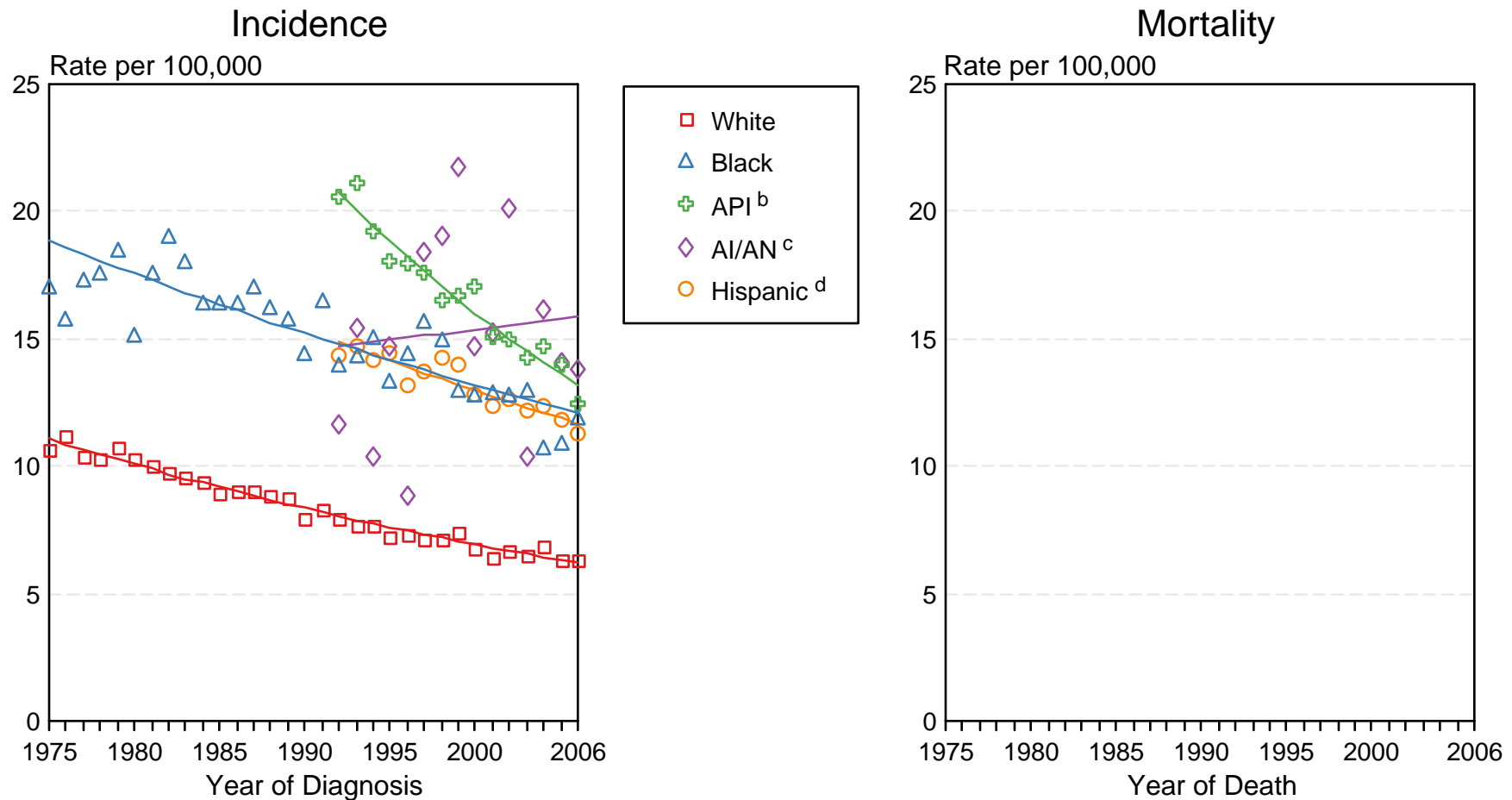


Figure 24.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 25.10
Cancer of the Testis (Invasive)

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

SEER Incidence	SEER 17 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2002-2006	Trend 1997-2006 ^c	Trend 1997-2006 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	5.4	1.0*	0.7*
White	6.3	1.2*	1.0*
White Hispanic ^e	4.1	1.8*	-
White Non-Hispanic ^e	7.1	1.6*	-
Black	1.3	-1.3	2.2*
Asian/Pacific Islander	1.7	0.5	-
Amer Ind/Alaska Nat ^f	4.6	-	-
Hispanic ^e	4.0	1.9*	-
U.S. Mortality ^g	Rate 2002-2006	Trend 1997-2006 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	0.3	-0.8*	
White	0.3	-0.9*	
White Hispanic ^e	0.3	-0.9	
White Non-Hispanic ^e	0.3	-0.9*	
Black	0.2	1.5	
Asian/Pacific Islander	0.1	-	
Amer Ind/Alaska Nat			
Total U.S.	-	-	
CHSDA Counties	-	-	
Non-CHSDA Counties	-	-	
Hispanic ^e	0.3	-0.6	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Testis

Joinpoint Analyses for Whites and Blacks from 1975-2006
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

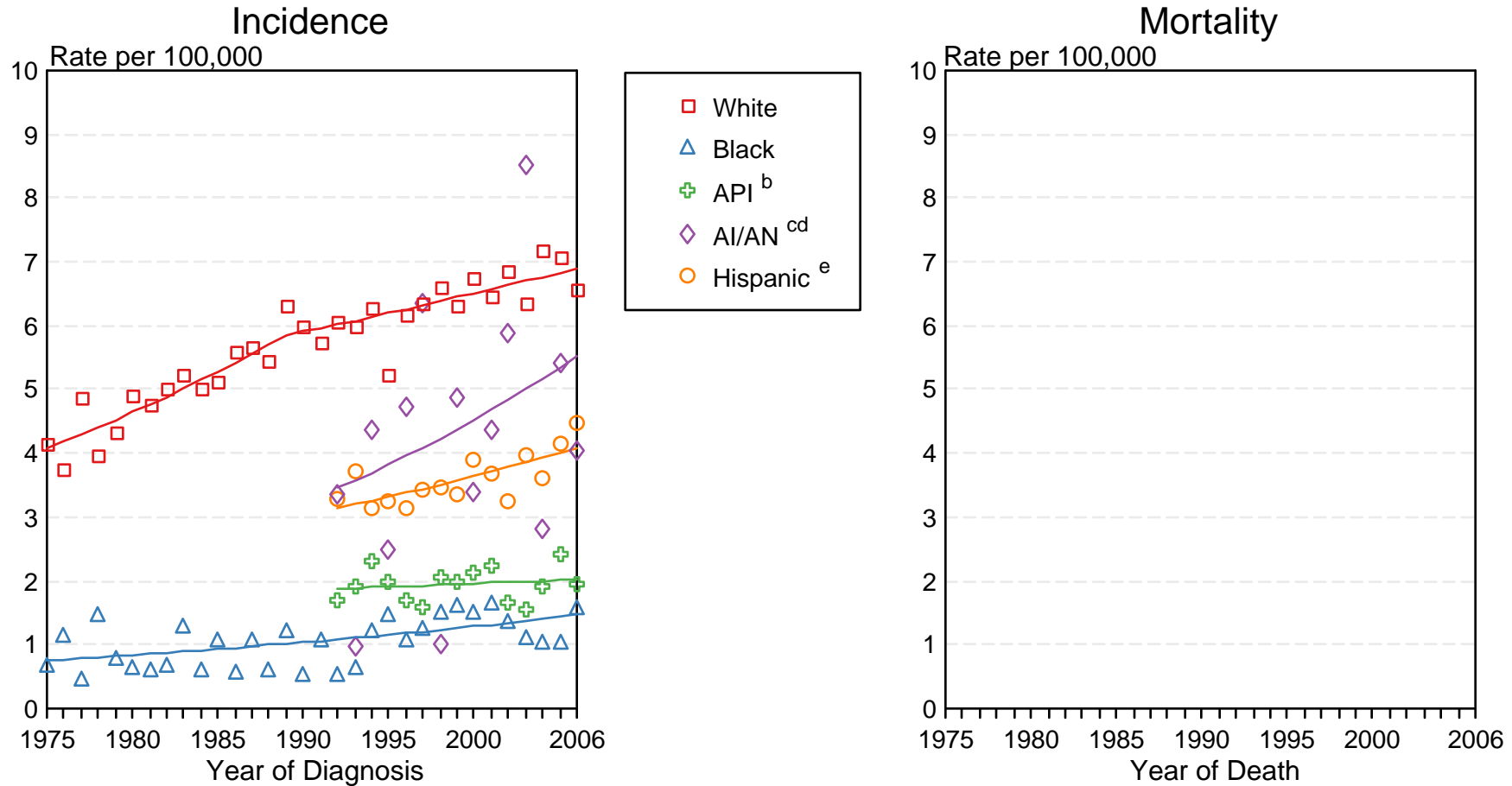


Figure 25.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

- a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.
- b API = Asian/Pacific Islander.
- c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
- d Joinpoint could not fit a regression line for American Indian/Alaska Native Mortality due to insufficient data.
- e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 26.12
Cancer of the Thyroid (Invasive)

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

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	9.6	4.9	14.2	5.8*	5.0*	6.0*	6.2*	5.4*	6.0*
White	10.1	5.2	15.0	6.1*	5.3*	6.4*	6.7*	5.7*	6.6*
White Hispanic ^e	8.4	3.7	13.3	4.7*	3.0*	5.2*	-	-	-
White Non-Hispanic ^e	10.7	5.7	15.7	6.4*	6.0*	6.3*	-	-	-
Black	5.8	2.7	8.4	6.4*	6.0*	5.7*	4.4*	2.3*	4.7*
Asian/Pacific Islander	9.4	4.2	14.2	3.5*	1.0	2.9*	-	-	-
Amer Ind/Alaska Nat ^f	5.8	3.0	8.5	2.5	-	-	-	-	-
Hispanic ^e	8.2	3.5	12.9	4.9*	3.2*	5.6*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.5	0.5	0.5	0.6*	1.4*	0.7*			
White	0.5	0.5	0.5	0.6*	1.6*	0.6*			
White Hispanic ^e	0.6	0.6	0.6	-0.4	3.3*	-2.1*			
White Non-Hispanic ^e	0.5	0.5	0.5	0.8*	1.6*	0.8*			
Black	0.5	0.3	0.5	0.9	0.9	1.1			
Asian/Pacific Islander	0.6	0.4	0.7	-2.4*	-	-2.6*			
Amer Ind/Alaska Nat									
Total U.S.	0.3	-	-	-	-	-			
CHSDA Counties	0.4	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.6	0.6	-0.6	3.1*	-2.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

h The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Thyroid, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

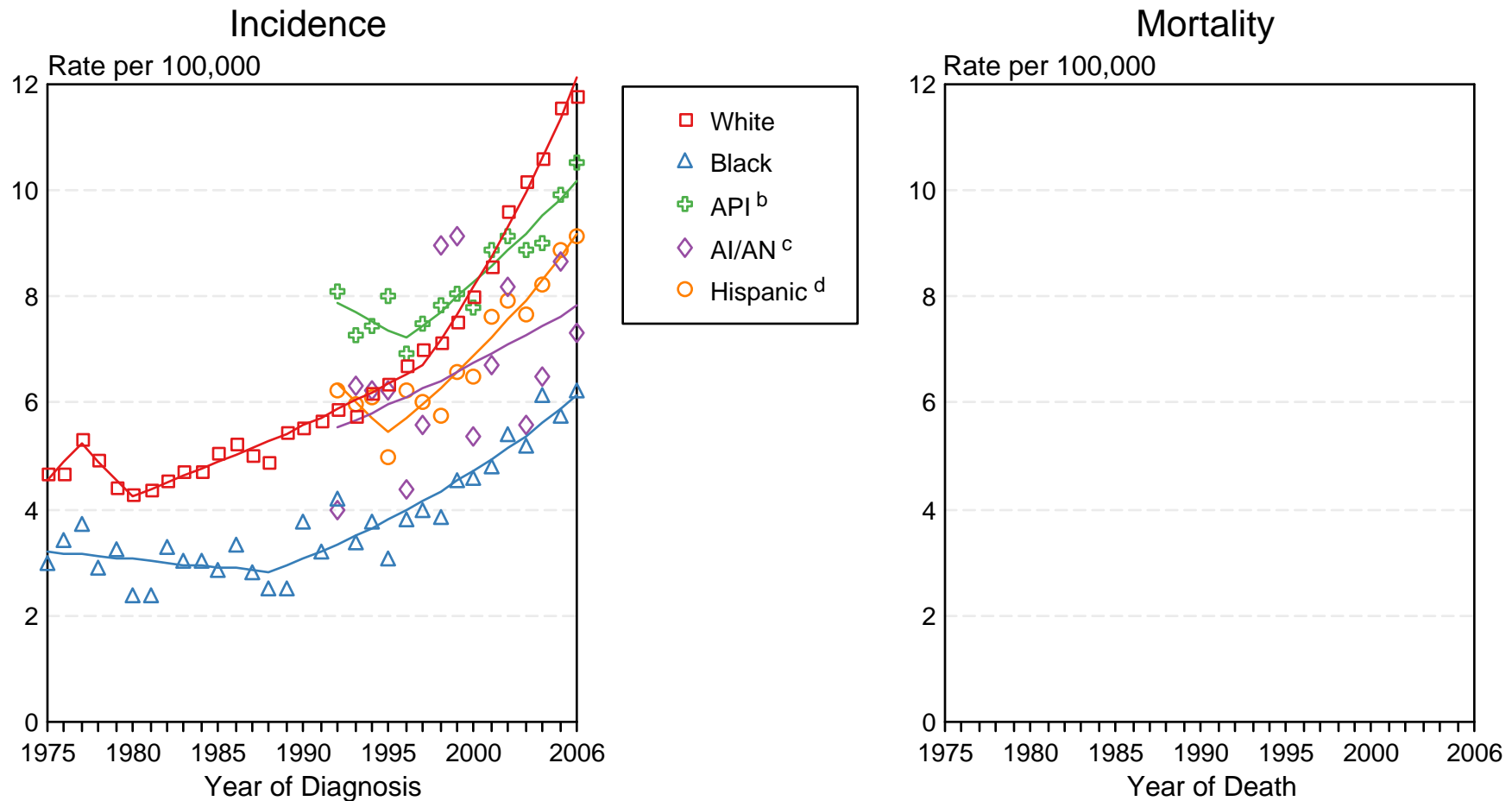


Figure 26.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Table 27.12
Cancer of the Urinary Bladder

SEER Incidence (Invasive and *In Situ*) and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2002-2006			Trend 1997-2006 ^c			Trend 1997-2006 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	21.0	37.1	9.3	-0.5	-0.2	-0.4*	-0.2	-0.2	-0.6
White	22.8	40.3	9.9	-0.5	-0.1	-0.9*	-0.1	-0.2	-0.7
White Hispanic ^e	11.7	20.2	5.4	-0.5	-0.6	-0.5	-	-	-
White Non-Hispanic ^e	24.3	42.9	10.5	-0.4	0.1	-0.8	-	-	-
Black	12.8	20.0	7.9	0.3	0.1	0.7	0.2	0.1	0.4
Asian/Pacific Islander	9.3	16.5	4.0	0.2	0.7*	-0.3	-	-	-
Amer Ind/Alaska Nat ^f	7.4	12.4	3.4	-	-	-	-	-	-
Hispanic ^e	11.4	19.8	5.3	-0.3	-0.4	-0.4	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2002-2006			Trend 1997-2006 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.3	7.5	2.2	-0.2*	-0.2	-0.6*			
White	4.5	7.9	2.2	0.0	-0.3*	-0.4*			
White Hispanic ^e	2.4	4.0	1.4	-0.4	-1.0*	0.2			
White Non-Hispanic ^e	4.7	8.2	2.3	0.4*	0.3	-0.2			
Black	3.7	5.5	2.8	-1.2*	-1.3*	-1.1*			
Asian/Pacific Islander	1.7	2.7	1.0	-1.4*	-0.9	-1.8			
Amer Ind/Alaska Nat									
Total U.S.	1.8	2.6	1.2	1.3	-	-			
CHSDA Counties	1.8	2.7	1.1	-	-	-			
Non-CHSDA Counties	1.8	2.5	1.2	-	-	-			
Hispanic ^e	2.4	3.9	1.3	-0.4	-1.0*	0.2			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

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

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

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

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

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

The SEER 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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

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

The 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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

SEER Incidence and US Death Rates^a Cancer of the Urinary Bladder, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

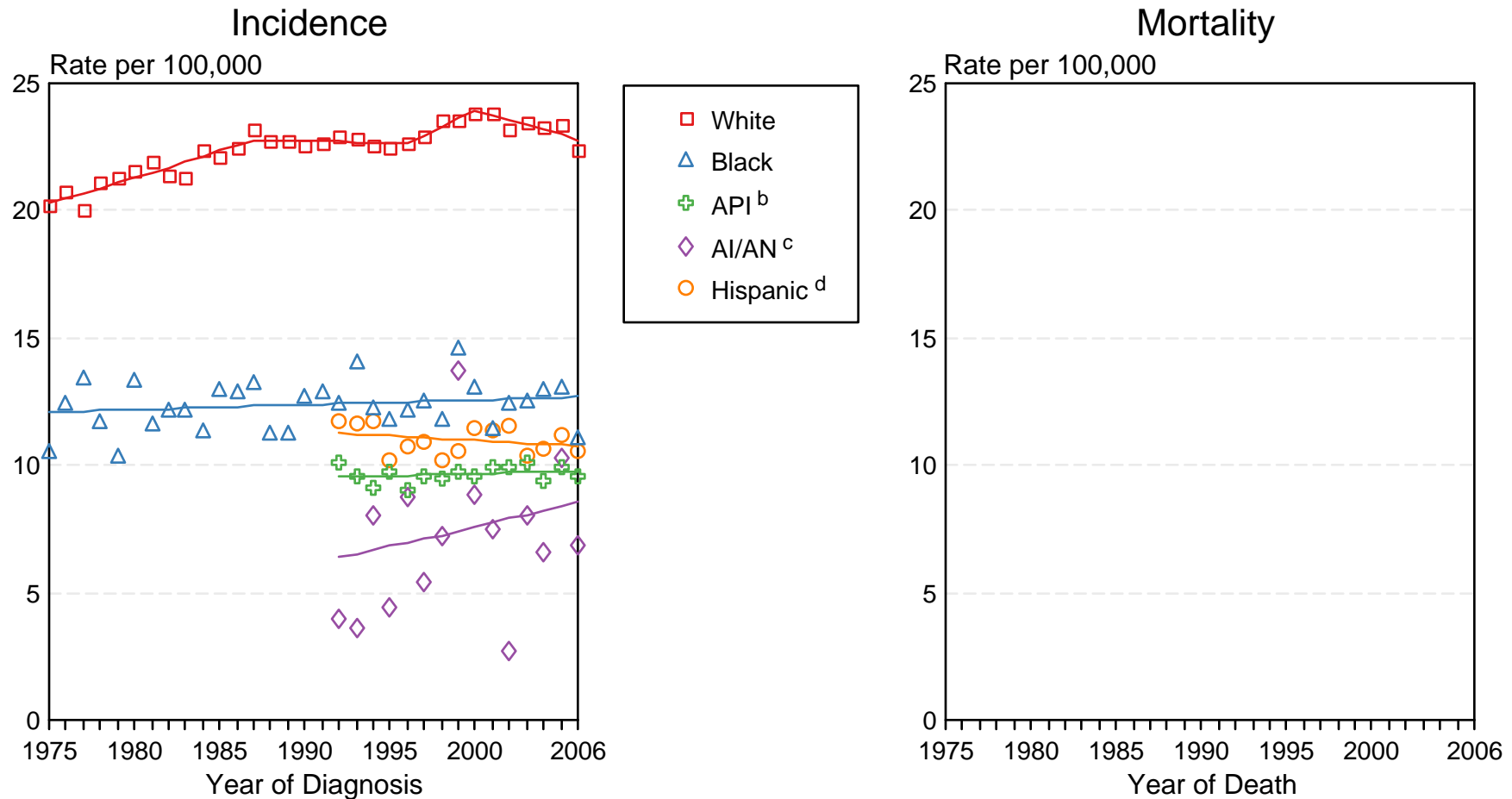


Figure 27.2

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

SEER Incidence and US Death Rates^a All Cancer Sites, Ages <20, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2006 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2006

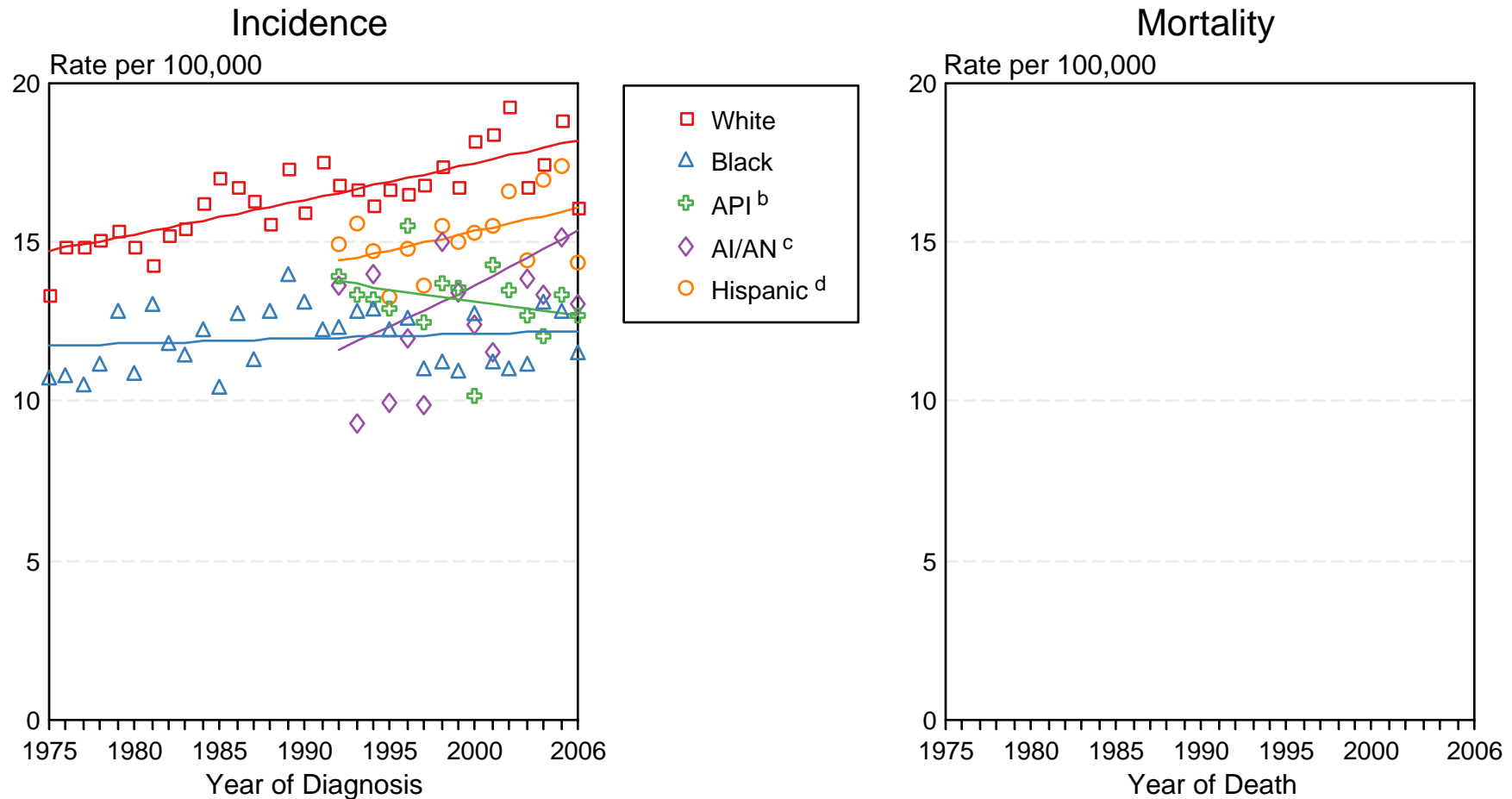


Figure 28.3

Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta).

Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Mortality data are from US Mortality Files, National Center for Health Statistics, CDC.

^a 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. Joinpoint analyses for Whites and Blacks during the 1975-2006 period allow a maximum of 4 joinpoints. Analyses for other ethnic groups during the period 1992-2006 allow a maximum of 2 joinpoints.

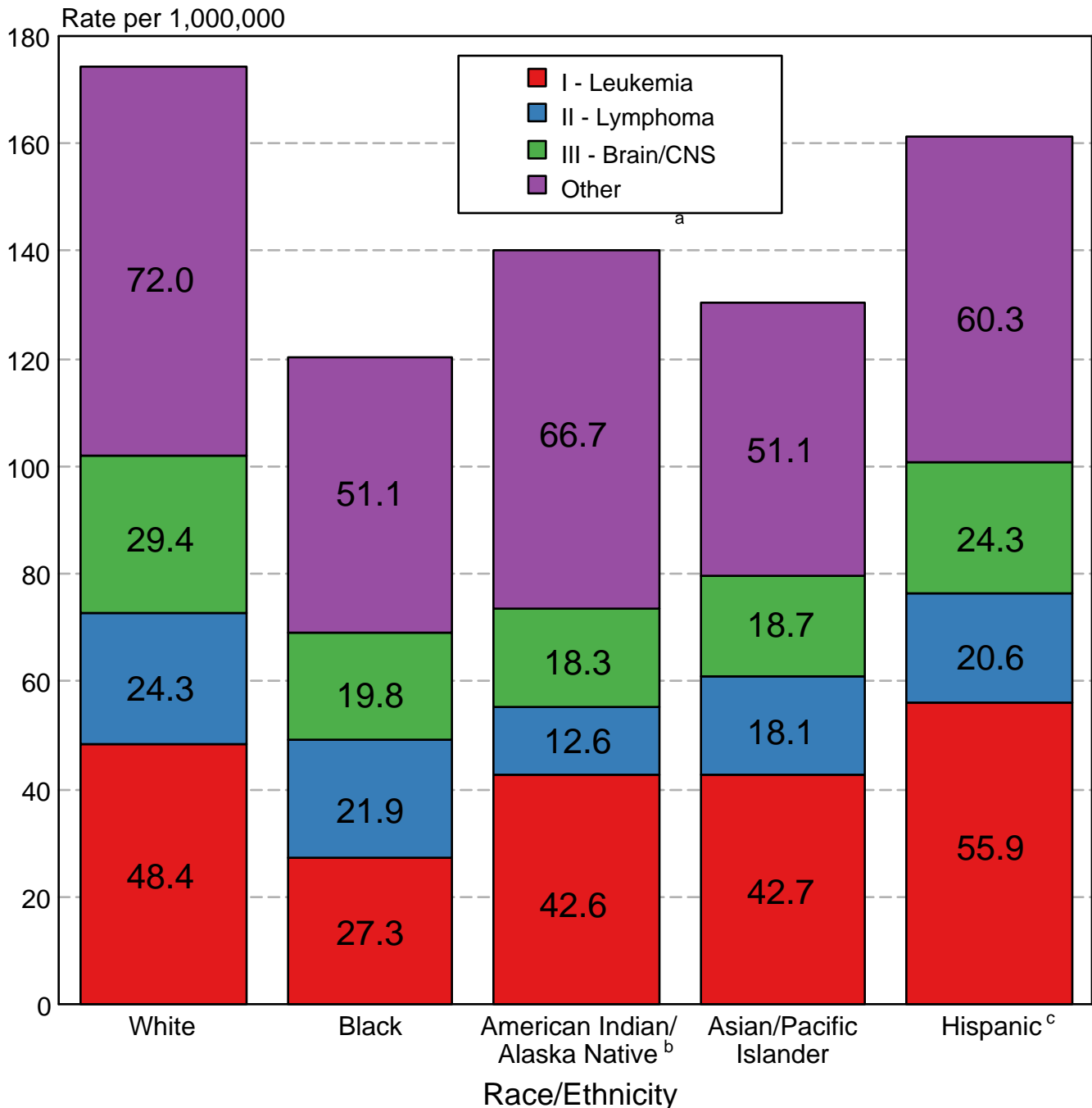
^b API = Asian/Pacific Islander.

^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, and Vermont.

Figure 29.2

Childhood Cancer: SEER Incidence Rates 2002-2006 by ICCC Group (includes Group III benign brain (2004-2006) and myelodysplastic syndromes) and Race/Ethnicity Both Sexes, Under 20 Years of Age



Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey). Incidence rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130) and are not shown for fewer than 10 cases for the time period.

International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^a Rate for Group III (Brain/CNS) includes benign brain tumors and is based only on cases diagnosed in 2004-2006.

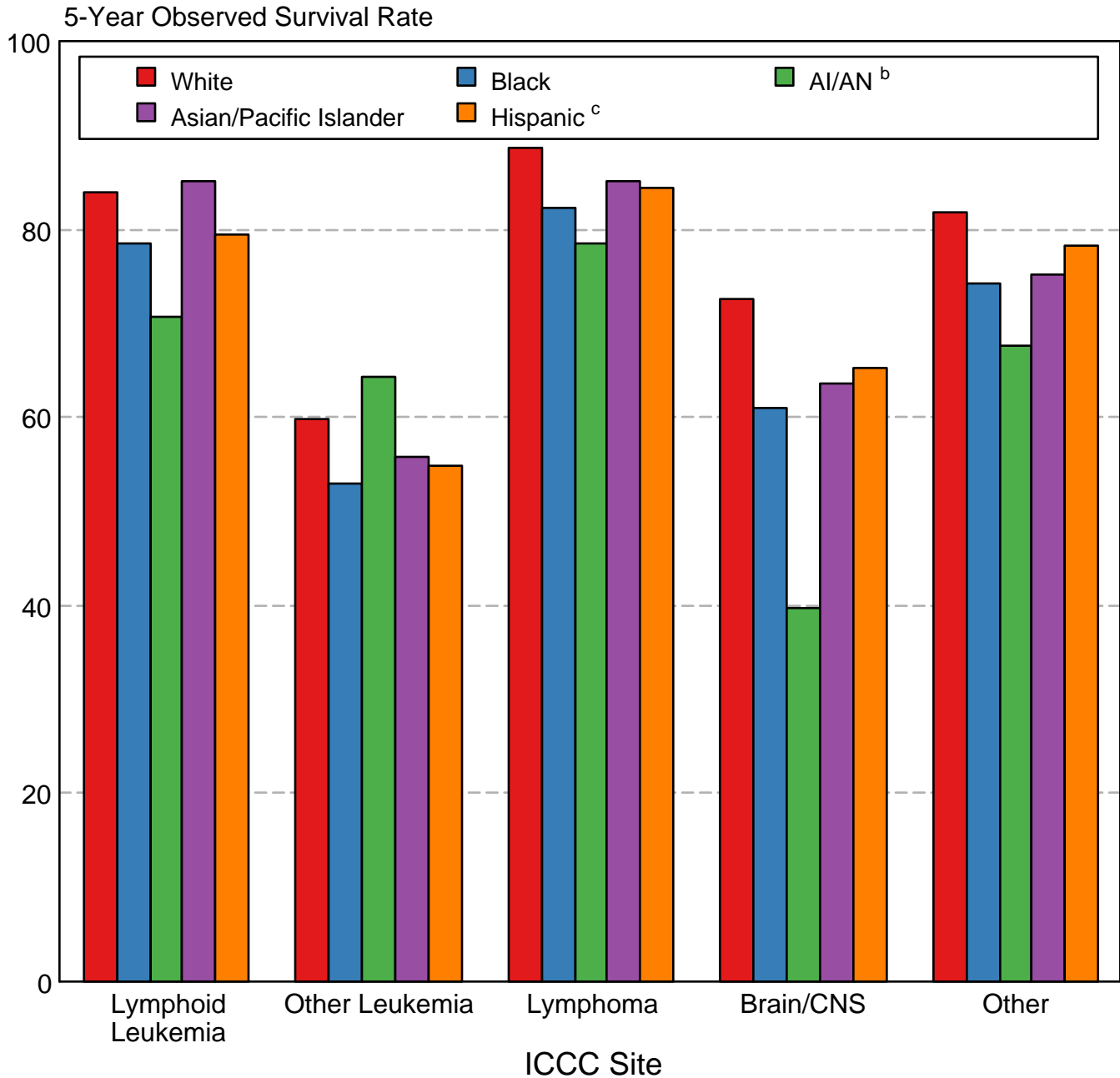
^b Incidence rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.

Childhood Cancer: SEER Survival Rates 1999-2005

5-Year Observed Survival Rates by ICCC Group^a and Race/Ethnicity Both Sexes, Under 20 Years of Age



Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey). California excluding SF/SJM/LA, Kentucky, Louisiana, and New Jersey contribute cases for diagnosis years 2000-2006. The remaining 13 SEER Areas contribute cases for the entire period 1999-2005.

International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^a Excludes myelodysplastic syndromes (MDS) and benign brain tumors.

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

^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Survival data for Hispanics are based on NHIA and excludes cases from the Alaska Native Registry and Kentucky.