

Table 1.24
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 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010
All Sites	463.0	-0.6*	471.9	-0.6*	483.6	-1.0*
Prostate ^f	68.6	-1.9*	68.0	-1.0*	96.3	-2.1*
Breast	66.8	-0.8*	66.1	-2.0*	69.7	-1.7*
Lung and Bronchus	61.4	-1.5*	63.1	-1.4*	69.3	0.3
Colon and Rectum	45.0	-2.6*	44.2	-2.8*	55.3	-2.3*
Melanoma of the Skin	21.1	1.5*	25.0	1.6*	17.4	2.9*
Urinary Bladder	20.7	-0.6*	22.5	-0.6*	15.8	0.5
Non-Hodgkin Lymphoma	19.7	0.1	20.7	0.1	14.2	-0.2
Kidney and Renal Pelvis	15.3	2.4*	15.8	2.3*	12.7	1.7*
Corpus and Uterus, NOS ^f	13.0	0.6	13.5	-0.5*	12.5	-0.2
Leukemia	12.8	-0.5*	13.3	0.4	11.9	0.3
Pancreas	12.2	0.9*	13.0	6.4*	11.6	-1.8*
Thyroid	12.2	6.3*	12.1	1.0*	9.8	-1.7*
Oral Cavity and Pharynx	10.8	0.2	11.2	0.5*	9.6	-2.5*
Liver & IBD ^g	7.7	3.6*	7.1	-0.2	9.1	3.7*
Stomach	7.5	-1.1*	7.1	-1.9*	7.1	5.7*
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010
All Sites	307.4	-0.9*	323.6	-0.6	356.7	-0.9*
Breast	50.6	0.3	42.1	-2.2*	55.2	-2.6*
Lung and Bronchus	37.6	-1.3*	41.7	-0.6	48.9	-0.6
Colon and Rectum	37.6	-2.4*	39.9	-2.3*	37.7	-1.7*
Prostate ^f	35.5	-3.7*	34.3	-1.9*	32.2	-1.6*
Liver & IBD ^g	14.1	-0.9	19.7	3.0*	17.8	0.7
Non-Hodgkin Lymphoma	13.1	-0.5	13.5	4.8*	15.1	2.1*
Thyroid	12.1	5.5*	12.3	0.1	12.1	2.8*
Stomach	11.9	-3.2*	10.9	2.2*	11.5	-1.6*
Corpus and Uterus, NOS ^f	10.1	2.4*	10.8	2.9	11.3	-1.8*
Pancreas	9.6	0.7	10.0	-3.5	11.3	0.3
Urinary Bladder	9.0	-1.0*	7.8	1.1	10.5	5.4*
Kidney and Renal Pelvis	7.9	2.8*	7.4	0.2	10.4	1.5*
Oral Cavity and Pharynx	7.6	-0.6	7.3	4.8*	10.2	-0.2
Leukemia	7.4	-0.5	7.3	-1.5	6.5	0.4
Ovary ^{fh}	5.1	-1.2	5.9	-3.9	6.1	-2.0*

Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and 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.

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 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 1.25
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
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	535.9	-1.1*	All Sites	539.1	-1.1*	All Sites	610.4	-1.9*
Prostate	152.0	-2.3*	Prostate	144.9	-2.5*	Prostate	228.5	-2.6*
Lung and Bronchus	74.3	-2.2*	Lung and Bronchus	74.5	-2.2*	Lung and Bronchus	95.8	-2.8*
Colon and Rectum	52.2	-2.9*	Colon and Rectum	51.3	-3.1*	Colon and Rectum	64.3	-2.4*
Urinary Bladder	36.6	-0.7*	Urinary Bladder	39.8	-0.7*	Kidney and Renal Pelvis	24.1	2.5*
Melanoma of the Skin	27.4	1.8*	Melanoma of the Skin	31.9	1.8*	Urinary Bladder	21.0	0.4
Non-Hodgkin Lymphoma	23.9	0.2	Non-Hodgkin Lymphoma	25.0	0.2	Pancreas	17.6	1.3*
Kidney and Renal Pelvis	21.0	2.2*	Kidney and Renal Pelvis	21.5	2.2*	Non-Hodgkin Lymphoma	17.4	-0.2
Leukemia	16.3	-0.8*	Leukemia	17.2	-0.8*	Stomach	16.1	-2.1*
Oral Cavity and Pharynx	16.2	0.2	Oral Cavity and Pharynx	16.7	0.6*	Liver & IBD ^f	15.1	3.7*
Pancreas	13.9	0.8*	Pancreas	13.8	0.8*	Oral Cavity and Pharynx	14.9	-3.1*
Liver & IBD ^f	11.9	3.8*	Liver & IBD ^f	10.4	4.5*	Myeloma	14.4	-0.4
Stomach	10.4	-1.5*	Stomach	9.2	-1.3*	Leukemia	12.6	-1.9*
Esophagus	7.7	-0.9*	Brain and ONS ^f	8.4	-0.1	Larynx	9.6	-3.7*
Brain and ONS ^f	7.7	-0.3	Esophagus	8.0	-0.2	Esophagus	8.4	-5.0*
Myeloma	7.5	0.6*	Myeloma	7.1	0.7*	Brain and ONS ^f	4.7	-0.2
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	335.0	-1.8*	All Sites	351.3	-0.7	All Sites	409.7	-1.4*
Prostate	81.8	-3.8*	Prostate	77.8	-2.2*	Prostate	125.8	-3.0*
Lung and Bronchus	50.7	-1.7*	Lung and Bronchus	51.2	-2.3*	Colon and Rectum	45.5	-1.7*
Colon and Rectum	43.8	-2.7*	Colon and Rectum	44.1	-1.2	Lung and Bronchus	40.6	-2.6*
Liver & IBD ^f	21.4	-0.9	Kidney and Renal Pelvis	24.8	2.9	Non-Hodgkin Lymphoma	20.5	0.7
Urinary Bladder	16.1	-1.0*	Liver & IBD ^f	20.6	6.1	Urinary Bladder	20.2	-1.5*
Non-Hodgkin Lymphoma	16.1	-0.2	Non-Hodgkin Lymphoma	14.1	-1.1	Kidney and Renal Pelvis	20.1	2.1*
Stomach	15.5	-3.5*	Urinary Bladder	13.7	-	Liver & IBD ^f	18.3	3.2*
Kidney and Renal Pelvis	11.0	3.2*	Stomach	13.1	-5.4*	Stomach	14.9	-1.3*
Oral Cavity and Pharynx	11.0	0.4	Pancreas	11.4	-	Leukemia	12.2	-0.3
Pancreas	10.4	0.3	Oral Cavity and Pharynx	11.1	2.9	Pancreas	12.1	0.9
Leukemia	9.0	-0.8	Leukemia	8.8	-	Oral Cavity and Pharynx	9.3	-0.1
Thyroid	5.3	4.6*	Esophagus	6.1	-	Myeloma	6.7	-1.3
Myeloma	4.3	1.5	Larynx	4.6	-	Brain and ONS ^f	5.9	-1.3*
Brain and ONS ^f	4.2	0.1	Testis	4.5	-	Esophagus	5.2	-1.0
Esophagus	3.9	-1.3	Melanoma of the Skin	4.1	-	Melanoma of the Skin	4.7	-1.2

Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

^a Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and 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.

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 1.26
Age-Adjusted SEER Incidence Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Females

All Races	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c
	2006-2010	2001-2010			2006-2010	2001-2010			2006-2010	2001-2010	
All Sites	411.2	-0.3		All Sites	424.4	-0.3		All Sites	397.5	-0.1	
Breast	123.8	-0.6		Breast	127.4	-0.8*		Breast	121.4	0.4	
Lung and Bronchus	51.9	-0.7*		Lung and Bronchus	54.6	-0.6*		Lung and Bronchus	52.2	-0.2	
Colon and Rectum	39.3	-2.4*		Colon and Rectum	38.4	-2.5*		Colon and Rectum	49.2	-2.4*	
Corpus and Uterus, NOS	24.3	0.9*		Corpus and Uterus, NOS	25.1	0.7*		Corpus and Uterus, NOS	22.2	1.9*	
Thyroid	18.2	6.5*		Melanoma of the Skin	20.0	1.3*		Pancreas	14.3	0.0	
Melanoma of the Skin	16.7	1.2*		Thyroid	19.4	6.6*		Kidney and Renal Pelvis	12.3	3.2*	
Non-Hodgkin Lymphoma	16.4	-0.1		Non-Hodgkin Lymphoma	17.3	0.0		Non-Hodgkin Lymphoma	11.8	-0.3	
Ovary ^g	12.5	-1.7*		Ovary ^g	13.3	-1.7*		Thyroid	10.5	6.1*	
Pancreas	10.9	1.0*		Kidney and Renal Pelvis	10.9	2.3*		Myeloma	10.2	0.7	
Kidney and Renal Pelvis	10.6	2.3*		Pancreas	10.7	1.1*		Ovary ^g	9.7	-0.9	
Leukemia	10.0	-0.4		Leukemia	10.5	-0.4		Cervix Uteri	9.6	-3.0*	
Urinary Bladder	8.9	-0.9*		Urinary Bladder	9.5	-0.9*		Stomach	8.7	-1.2	
Cervix Uteri	7.9	-1.7*		Cervix Uteri	7.9	-1.4*		Leukemia	7.8	-1.6*	
Oral Cavity and Pharynx	6.2	-0.2		Oral Cavity and Pharynx	6.3	0.1		Urinary Bladder	7.1	-1.2	
Brain and ONS ^f	5.4	-0.4		Brain and ONS ^f	6.0	-0.4		Oral Cavity and Pharynx	5.4	-1.4	
Asian/Pacific Islander				American Indian/Alaska Native ^d				Hispanic ^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	291.5	-0.1		All Sites	306.5	-0.4		All Sites	323.2	-0.4*	
Breast	91.8	0.2		Breast	77.1	-0.5		Breast	90.8	-0.5	
Colon and Rectum	32.7	-2.0*		Colon and Rectum	36.6	-3.3*		Colon and Rectum	31.6	-1.8*	
Lung and Bronchus	28.1	-0.4		Lung and Bronchus	35.7	-2.0		Lung and Bronchus	26.3	-0.6	
Corpus and Uterus, NOS	18.6	2.4*		Corpus and Uterus, NOS	20.3	3.1		Corpus and Uterus, NOS	19.4	1.7*	
Thyroid	17.9	5.7*		Kidney and Renal Pelvis	15.6	3.0		Thyroid	16.4	5.7*	
Non-Hodgkin Lymphoma	10.9	-0.8		Thyroid	11.0	4.7*		Non-Hodgkin Lymphoma	15.6	0.7	
Ovary ^g	9.4	-1.2		Non-Hodgkin Lymphoma	10.8	0.8		Ovary ^g	11.3	-1.8*	
Stomach	9.3	-2.6*		Ovary ^g	10.7	-3.7		Kidney and Renal Pelvis	11.1	1.9*	
Pancreas	8.9	1.0		Pancreas	10.5	1.9		Cervix Uteri	10.9	-4.2*	
Liver & IBD ^f	8.2	-0.9		Liver & IBD ^f	7.7	2.8		Pancreas	10.6	-0.2	
Cervix Uteri	6.6	-3.9*		Stomach	7.7	-1.1		Leukemia	8.7	-0.1	
Leukemia	6.1	0.0		Cervix Uteri	7.3	0.1		Stomach	8.6	-2.3*	
Kidney and Renal Pelvis	5.5	2.4		Leukemia	6.2	-2.3		Liver & IBD ^f	6.9	1.8	
Oral Cavity and Pharynx	4.9	-2.1*		Oral Cavity and Pharynx	4.3	-		Urinary Bladder	5.2	-2.3*	
Urinary Bladder	3.9	-0.9		Myeloma	3.7	-		Brain and ONS ^f	4.7	-1.1	

Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

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^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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

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Table 1.27
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity
Both Sexes

	All Races		White		Black			
	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010		
All Sites	176.4	-1.5*	175.8	-1.4*	210.3	-2.1*		
Lung and Bronchus	49.5	-1.7*	50.2	-1.6*	53.5	-2.4*		
Colon and Rectum	16.4	-2.9*	15.9	-3.0*	22.8	-2.8*		
Breast	12.7	-2.2*	12.3	-2.2*	18.2	-1.7*		
Pancreas	10.9	0.5*	10.8	0.6*	Prostate ^f	18.0	-3.4*	
Prostate ^f	9.0	-2.7*	8.3	-2.5*	Pancreas	13.7	-0.1	
Leukemia	7.1	-1.0*	7.3	-0.9*	Liver & IBD ^g	7.4	2.4*	
Non-Hodgkin Lymphoma	6.4	-2.8*	6.7	-2.7*	Stomach	6.7	-3.2*	
Liver & IBD ^g	5.6	2.4*	5.2	2.5*	Myeloma	6.4	-1.7*	
Ovary ^f	4.5	-2.0*	4.7	-2.0*	Leukemia	6.1	-1.6*	
Urinary Bladder	4.4	0.1	4.6	-0.4	Non-Hodgkin Lymphoma	4.6	-2.5*	
Esophagus	4.3	-0.6*	4.6	0.3*	Esophagus	4.4	-4.8*	
Brain and ONS ^g	4.3	-0.5*	4.4	0.0	Corpus and Uterus, NOS ^f	4.4	0.4	
Kidney and Renal Pelvis	4.0	-1.0*	4.1	-1.0*	Ovary ^f	4.0	-1.9*	
Stomach	3.5	-2.9*	3.1	-1.8*	Kidney and Renal Pelvis	3.9	-1.1*	
Myeloma	3.4	-1.8*	3.1	0.7*	Urinary Bladder	3.7	-0.8	
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e			
	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010	Rate ^b 2006-2010	APC ^c 2001-2010		
All Sites	108.8	-1.2*	160.4	-0.7*	121.8	-1.4*		
Lung and Bronchus	25.5	-1.2*	40.2	-0.7	21.3	-2.1*		
Colon and Rectum	11.2	-1.9*	16.9	-0.4	12.7	-1.7*		
Liver & IBD ^g	9.7	-1.2*	9.3	1.5	Pancreas	8.6	0.2	
Pancreas	7.6	0.5	9.2	2.1	Liver & IBD ^g	8.5	1.6*	
Stomach	6.6	-3.4*	8.8	-1.3	Breast	8.2	-1.6*	
Breast	6.5	-1.5*	8.1	-1.0	Prostate ^f	7.5	-2.6*	
Non-Hodgkin Lymphoma	4.1	-2.1*	Kidney and Renal Pelvis	6.7	-0.2	Stomach	5.7	-2.7*
Prostate ^f	4.1	-2.5*	Stomach	5.6	-5.4*	Non-Hodgkin Lymphoma	5.3	-1.4*
Leukemia	3.9	0.2	Non-Hodgkin Lymphoma	4.8	-3.0	Leukemia	4.9	-0.9*
Ovary ^f	2.7	-0.5	Leukemia	4.8	-0.1	Kidney and Renal Pelvis	3.5	-1.0
Kidney and Renal Pelvis	2.0	1.9	Ovary ^f	4.1	-2.3	Ovary ^f	3.3	-1.3*
Oral Cavity and Pharynx	2.0	-2.5*	Esophagus	3.6	-2.0*	Myeloma	2.8	-2.0*
Brain and ONS ^g	1.9	-0.1	Myeloma	2.9	-5.0*	Brain and ONS ^g	2.8	-0.2
Esophagus	1.8	-0.8	Brain and ONS ^g	2.6	2.8	Urinary Bladder	2.4	-1.1
Myeloma	1.7	0.4	Urinary Bladder	2.4	2.8	Esophagus	2.3	-0.7

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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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.

The 2006-2010 Hispanic death rates do not include deaths from the District of Columbia, North Dakota and South Carolina.

The 2001-2010 Hispanic mortality trends do not include deaths from the District of Columbia, Minnesota, New Hampshire, North Dakota and South Carolina.

^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.

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Table 1.28
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

			Males					
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	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	215.3	-1.8*	All Sites	213.1	-1.7*	All Sites	276.6	-2.6*
Lung and Bronchus	63.5	-2.5*	Lung and Bronchus	63.2	-2.4*	Lung and Bronchus	78.5	-3.3*
Prostate	23.0	-3.4*	Prostate	21.2	-3.3*	Prostate	50.9	-3.8*
Colon and Rectum	19.6	-3.0*	Colon and Rectum	19.1	-3.1*	Colon and Rectum	28.7	-2.4*
Pancreas	12.5	0.4*	Pancreas	12.5	0.5*	Pancreas	15.3	0.0
Leukemia	9.5	-1.0*	Leukemia	9.8	-0.9*	Liver & IBD ^f	11.8	3.0*
Liver & IBD ^f	8.3	2.5*	Non-Hodgkin Lymphoma	8.5	-2.6*	Stomach	9.8	-3.1*
Non-Hodgkin Lymphoma	8.2	-2.6*	Urinary Bladder	8.1	0.2	Leukemia	8.2	-1.3*
Urinary Bladder	7.7	0.1	Esophagus	7.8	0.1	Myeloma	7.9	-1.3*
Esophagus	7.6	-0.5*	Liver & IBD ^f	7.6	2.6*	Esophagus	7.7	-4.6*
Kidney and Renal Pelvis	5.8	-1.0*	Kidney and Renal Pelvis	5.9	-1.0*	Non-Hodgkin Lymphoma	5.9	-2.0*
Brain and ONS ^f	5.2	-0.5*	Brain and ONS ^f	5.6	-0.4	Kidney and Renal Pelvis	5.7	-1.3*
Stomach	4.9	-3.2*	Melanoma of the Skin	4.6	1.0*	Urinary Bladder	5.5	0.0
Myeloma	4.3	-1.4*	Stomach	4.2	-3.4*	Oral Cavity and Pharynx	5.2	-4.1*
Melanoma of the Skin	4.1	0.9*	Myeloma	4.0	-1.5*	Larynx	3.9	-4.0*
Oral Cavity and Pharynx	3.8	-1.3*	Oral Cavity and Pharynx	3.6	-0.8*	Brain and ONS ^f	3.0	-0.8
Asian/Pacific Islander			American Indian/Alaska Native^d			Hispanic^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2006-2010	2001-2010		2006-2010	2001-2010		2006-2010	2001-2010
All Sites	132.4	-1.3*	All Sites	191.0	-0.4	All Sites	152.1	-1.6*
Lung and Bronchus	35.5	-1.6*	Lung and Bronchus	49.6	-0.5	Lung and Bronchus	31.3	-2.8*
Liver & IBD ^f	14.4	-1.0*	Prostate	20.7	-1.4	Prostate	19.2	-3.0*
Colon and Rectum	13.1	-2.3*	Colon and Rectum	18.7	-1.5	Colon and Rectum	16.1	-1.4*
Prostate	10.1	-2.3*	Liver & IBD ^f	13.2	3.3	Liver & IBD ^f	12.3	1.9*
Stomach	8.7	-3.1*	Pancreas	10.1	3.5	Pancreas	9.6	0.5
Pancreas	8.3	0.5	Kidney and Renal Pelvis	9.5	0.1	Stomach	7.6	-2.9*
Non-Hodgkin Lymphoma	5.2	-2.0*	Stomach	8.1	-5.7*	Non-Hodgkin Lymphoma	6.5	-1.4*
Leukemia	5.0	-0.2	Leukemia	7.0	3.7*	Leukemia	6.1	-1.1*
Esophagus	3.1	-1.1	Esophagus	6.1	-2.4	Kidney and Renal Pelvis	5.1	-1.5
Oral Cavity and Pharynx	3.0	-2.6*	Non-Hodgkin Lymphoma	5.4	-1.8	Esophagus	4.3	-0.3
Kidney and Renal Pelvis	3.0	3.3*	Urinary Bladder	4.1	-	Urinary Bladder	4.0	-1.1
Urinary Bladder	2.8	-1.0	Myeloma	3.6	-3.6*	Myeloma	3.5	-1.9
Brain and ONS ^f	2.3	-1.5	Oral Cavity and Pharynx	3.4	-3.4	Brain and ONS ^f	3.3	-0.1
Myeloma	2.3	3.2*	Brain and ONS ^f	2.8	1.0	Oral Cavity and Pharynx	2.5	-1.9*
Soft Tissue including Heart	0.9	1.2	Larynx	2.1	-	Larynx	1.7	-2.7*

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and 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.

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.

The 2006-2010 Hispanic death rates do not include deaths from the District of Columbia, North Dakota and South Carolina.

The 2001-2010 Hispanic mortality trends do not include deaths from the District of Columbia, Minnesota, New Hampshire,

North Dakota and South Carolina.

^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 1.29
Age-Adjusted U.S. Death Rates and Trends for the Top 15 Cancer Sites^a by Race/Ethnicity

Females

All Races	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c
	2006-2010	2001-2010			2006-2010	2001-2010			2006-2010	2001-2010	
All Sites	149.7	-1.4*		All Sites	149.8	-1.3*		All Sites	171.2	-1.7*	
Lung and Bronchus	39.2	-0.9*		Lung and Bronchus	40.4	-0.8*		Lung and Bronchus	37.2	-1.2*	
Breast	22.6	-2.0*		Breast	22.1	-2.0*		Breast	30.8	-1.6*	
Colon and Rectum	13.9	-3.0*		Colon and Rectum	13.4	-3.0*		Colon and Rectum	19.0	-3.3*	
Pancreas	9.6	0.4*		Pancreas	9.4	0.6*		Pancreas	12.5	-0.1	
Ovary	8.1	-1.8*		Ovary	8.4	-1.8*		Corpus and Uterus, NOS	7.4	0.7*	
Leukemia	5.3	-1.3*		Leukemia	5.5	-1.2*		Ovary	6.7	-1.7*	
Non-Hodgkin Lymphoma	5.1	-3.1*		Non-Hodgkin Lymphoma	5.3	-3.1*		Myeloma	5.4	-2.2*	
Corpus and Uterus, NOS	4.3	0.5		Corpus and Uterus, NOS	4.0	0.4		Leukemia	4.8	-1.9*	
Brain and ONS ^f	3.5	-0.5*		Brain and ONS ^f	3.8	-0.4		Stomach	4.7	-3.5*	
Liver & IBD ^f	3.4	1.6*		Liver & IBD ^f	3.2	1.9*		Cervix Uteri	4.2	-2.4*	
Myeloma	2.7	-2.3*		Kidney and Renal Pelvis	2.6	-1.2*		Liver & IBD ^f	4.1	0.8	
Kidney and Renal Pelvis	2.6	-1.3*		Myeloma	2.5	-2.3*		Non-Hodgkin Lymphoma	3.6	-3.0*	
Stomach	2.5	-2.7*		Urinary Bladder	2.2	-0.4		Urinary Bladder	2.6	-1.9*	
Cervix Uteri	2.4	-1.5*		Stomach	2.2	-2.7*		Kidney and Renal Pelvis	2.6	-1.1*	
Urinary Bladder	2.2	-0.6*		Cervix Uteri	2.2	-1.3*		Esophagus	2.1	-5.2*	

Asian/Pacific Islander	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c
	2006-2010	2001-2010			2006-2010	2001-2010			2006-2010	2001-2010	
All Sites	92.1	-1.0*		All Sites	139.0	-1.1*		All Sites	101.2	-1.2*	
Lung and Bronchus	18.4	-0.5		Lung and Bronchus	33.1	-0.8		Breast	14.8	-1.5*	
Breast	11.5	-1.7*		Breast	15.5	-1.1		Lung and Bronchus	14.1	-1.1*	
Colon and Rectum	9.7	-1.6*		Colon and Rectum	15.4	0.4		Colon and Rectum	10.2	-2.1*	
Pancreas	7.1	0.5		Pancreas	8.6	0.5		Pancreas	7.7	0.1	
Liver & IBD ^f	6.0	-1.5		Ovary	7.1	-2.3		Ovary	5.8	-1.2*	
Stomach	5.1	-3.7*		Liver & IBD ^f	6.1	-1.1		Liver & IBD ^f	5.4	0.9*	
Ovary	4.8	-0.6		Kidney and Renal Pelvis	4.4	-0.7		Non-Hodgkin Lymphoma	4.4	-1.5*	
Non-Hodgkin Lymphoma	3.4	-2.0*		Non-Hodgkin Lymphoma	4.3	-3.8		Stomach	4.4	-2.6*	
Leukemia	3.1	0.7		Stomach	3.8	-6.0*		Leukemia	4.0	-0.6	
Corpus and Uterus, NOS	2.6	2.3*		Cervix Uteri	3.5	-0.4		Corpus and Uterus, NOS	3.3	0.6	
Cervix Uteri	1.9	-4.6*		Leukemia	3.3	-3.4		Cervix Uteri	2.9	-2.3*	
Brain and ONS ^f	1.6	1.6		Corpus and Uterus, NOS	3.2	-		Brain and ONS ^f	2.4	-0.4	
Myeloma	1.3	-2.5		Myeloma	2.4	-6.2		Myeloma	2.3	-2.3*	
Kidney and Renal Pelvis	1.2	-0.3		Brain and ONS ^f	2.3	-		Kidney and Renal Pelvis	2.3	-0.4	
Oral Cavity and Pharynx	1.2	-2.4		Gallbladder	2.0	-4.6		Gallbladder	1.3	-1.6	

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^a Top 15 cancer sites selected based on 2006-2010 age-adjusted rates for the race/ethnic group.

^b Rates are per 100,000 and 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.

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.

The 2006-2010 Hispanic death rates do not include deaths from the District of Columbia, North Dakota and South Carolina.

The 2001-2010 Hispanic mortality trends do not include deaths from the District of Columbia, Minnesota, New Hampshire,

North Dakota and South Carolina.

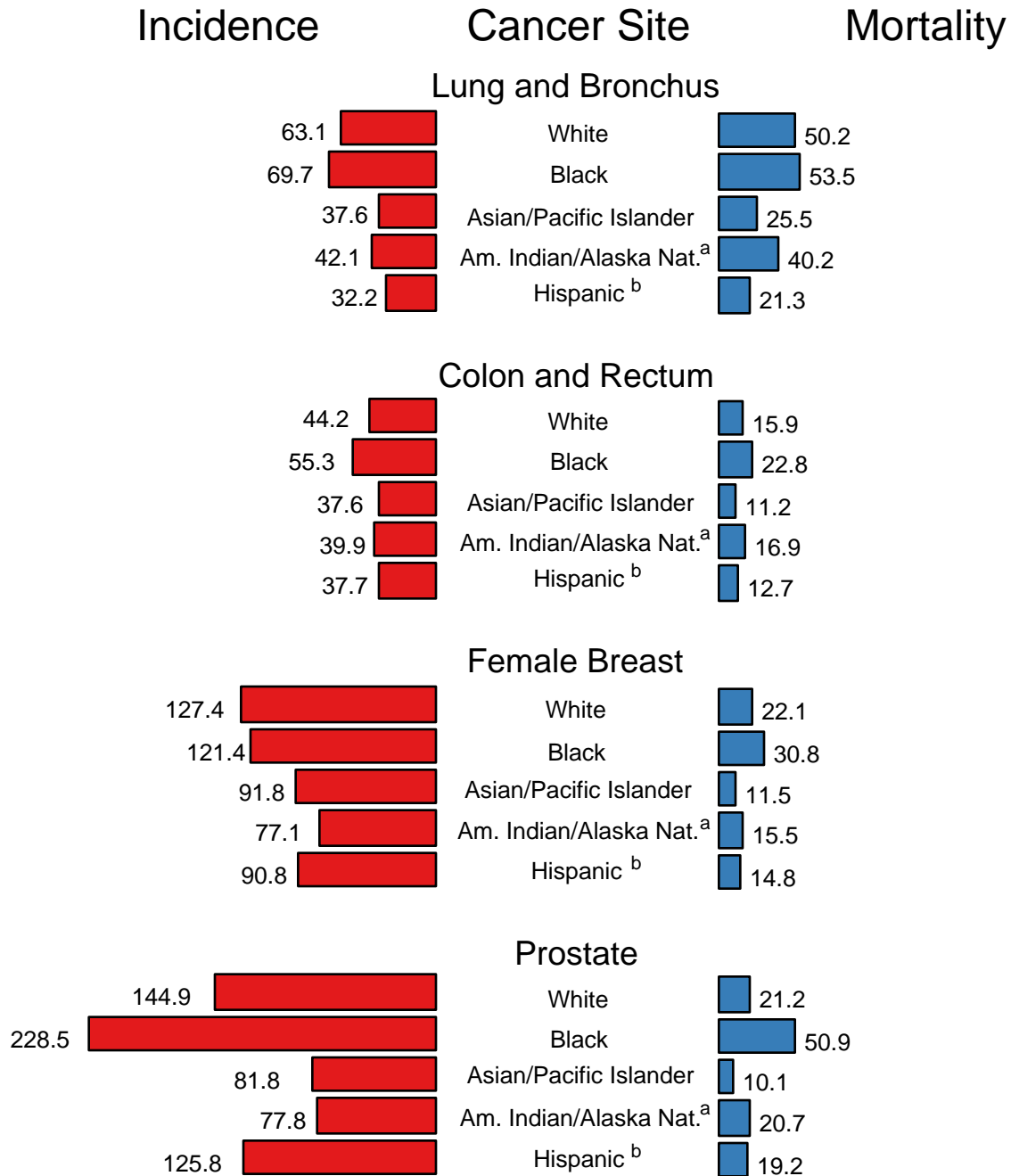
^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* 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.

Figure 1.12

SEER Cancer Incidence and US Death Rates, 2006-2010 By Cancer Site and Race/Ethnicity



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG) and US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

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

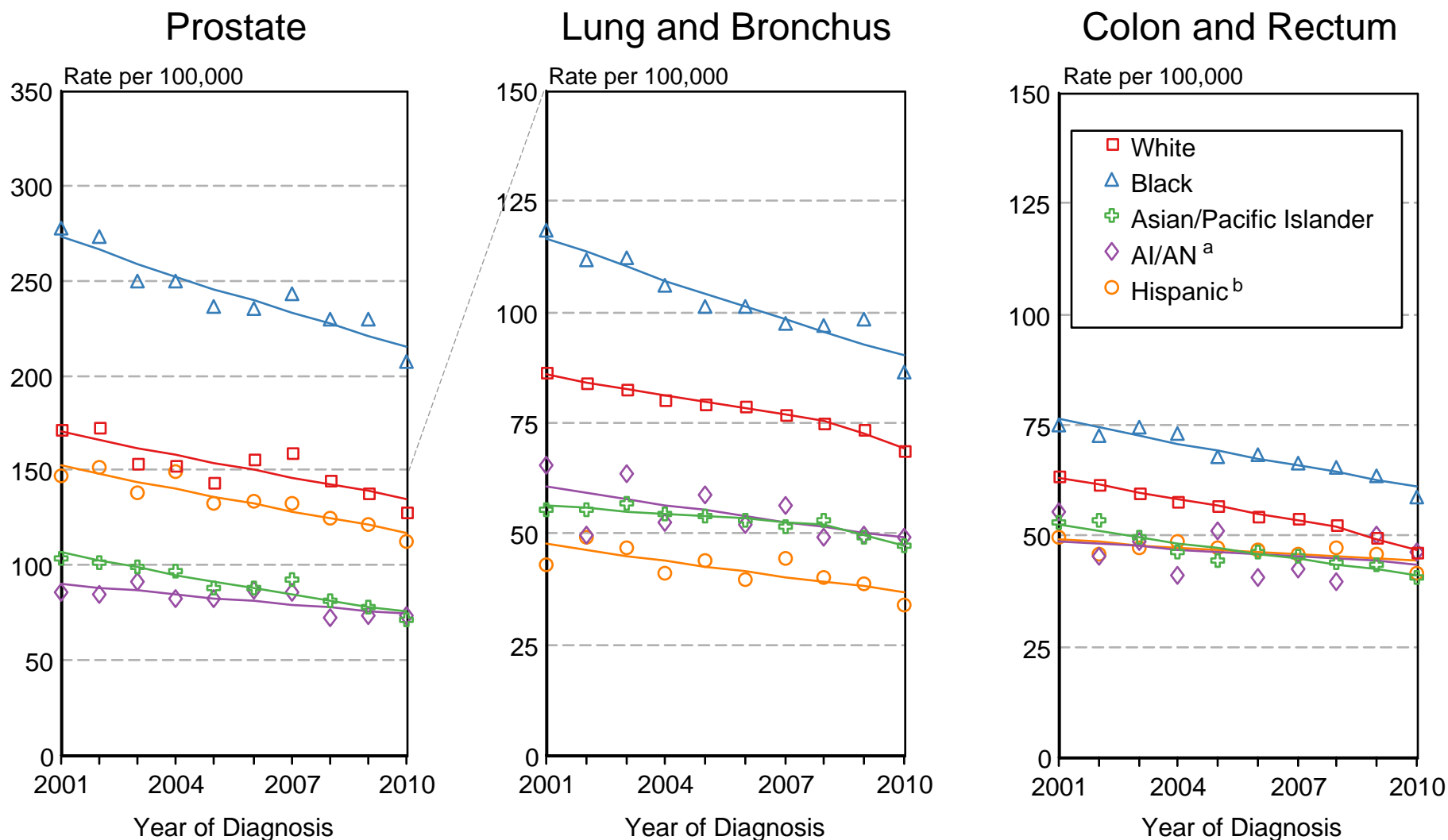
^b Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

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

Mortality data for Hispanics exclude cases from the District of Columbia, North Dakota and South Carolina.

Figure 1.13

SEER Incidence 2001-2010 Males by Race/Ethnicity



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

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 4.0.3, April 2013, National Cancer Institute.

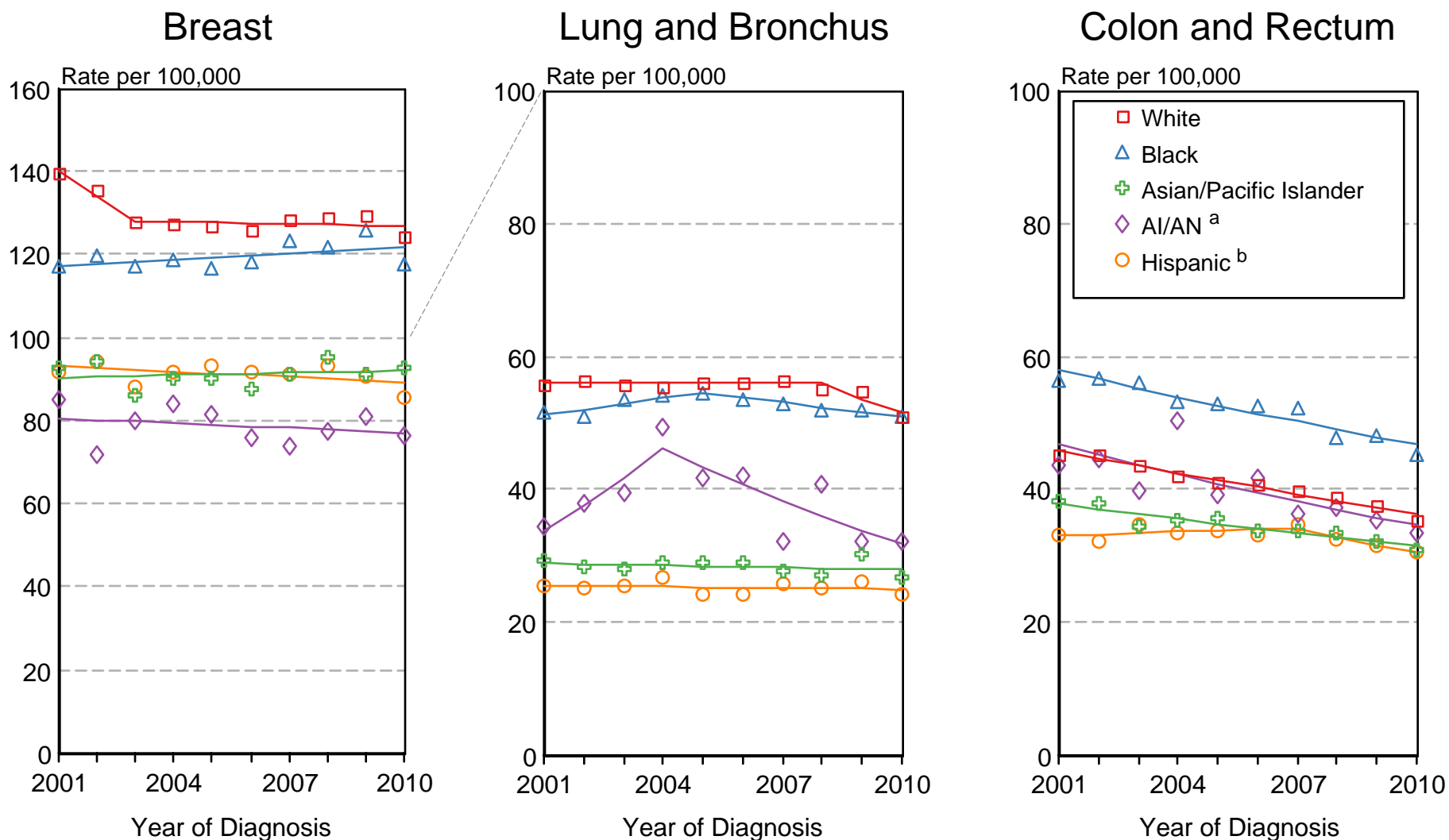
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

^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.

Figure 1.14

SEER Incidence 2001-2010 Females by Race/Ethnicity



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG). 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 4.0.3, April 2013, National Cancer Institute.

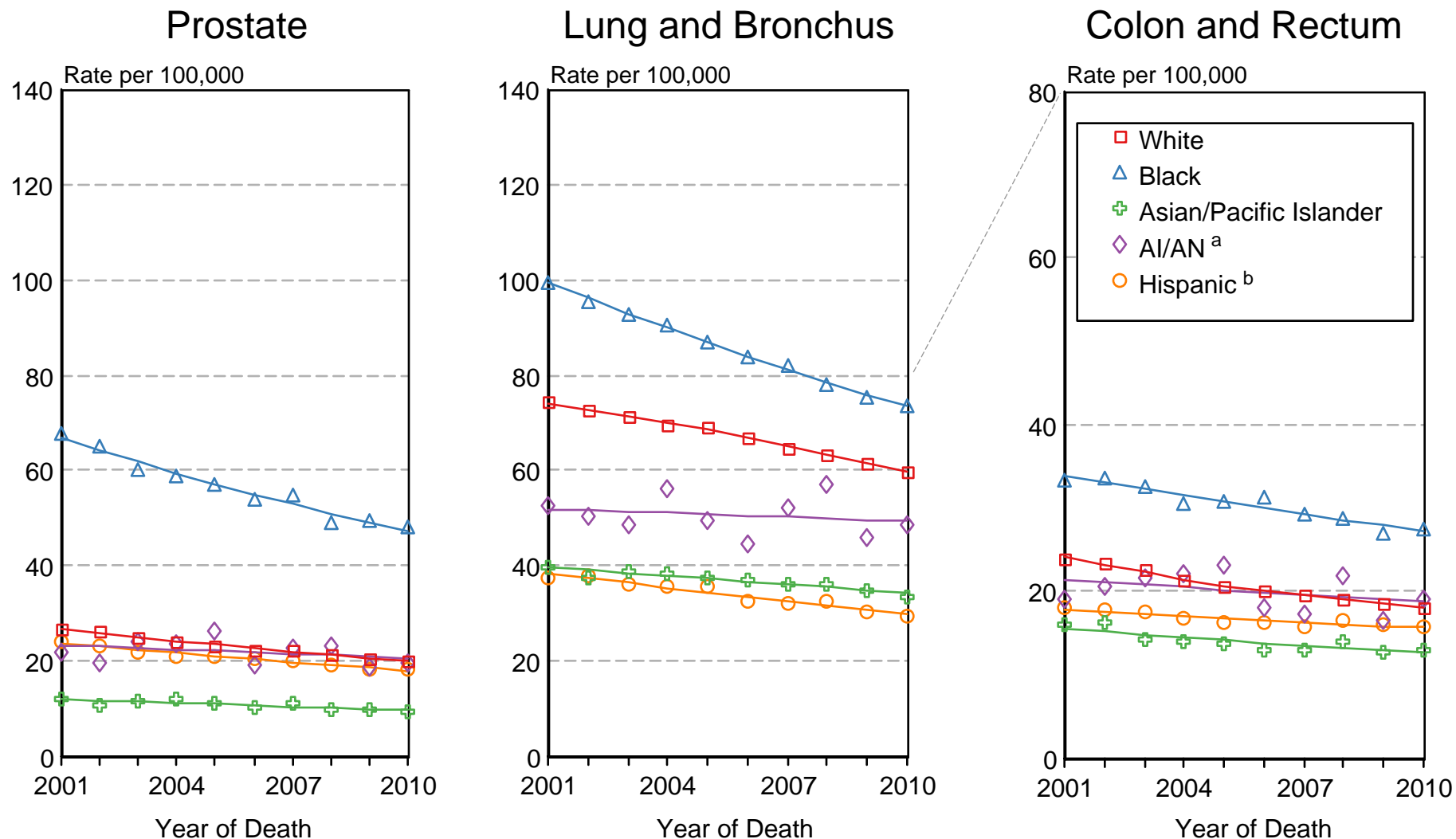
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^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.

Figure 1.15

US Mortality 2001-2010 Males by Race/Ethnicity



Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

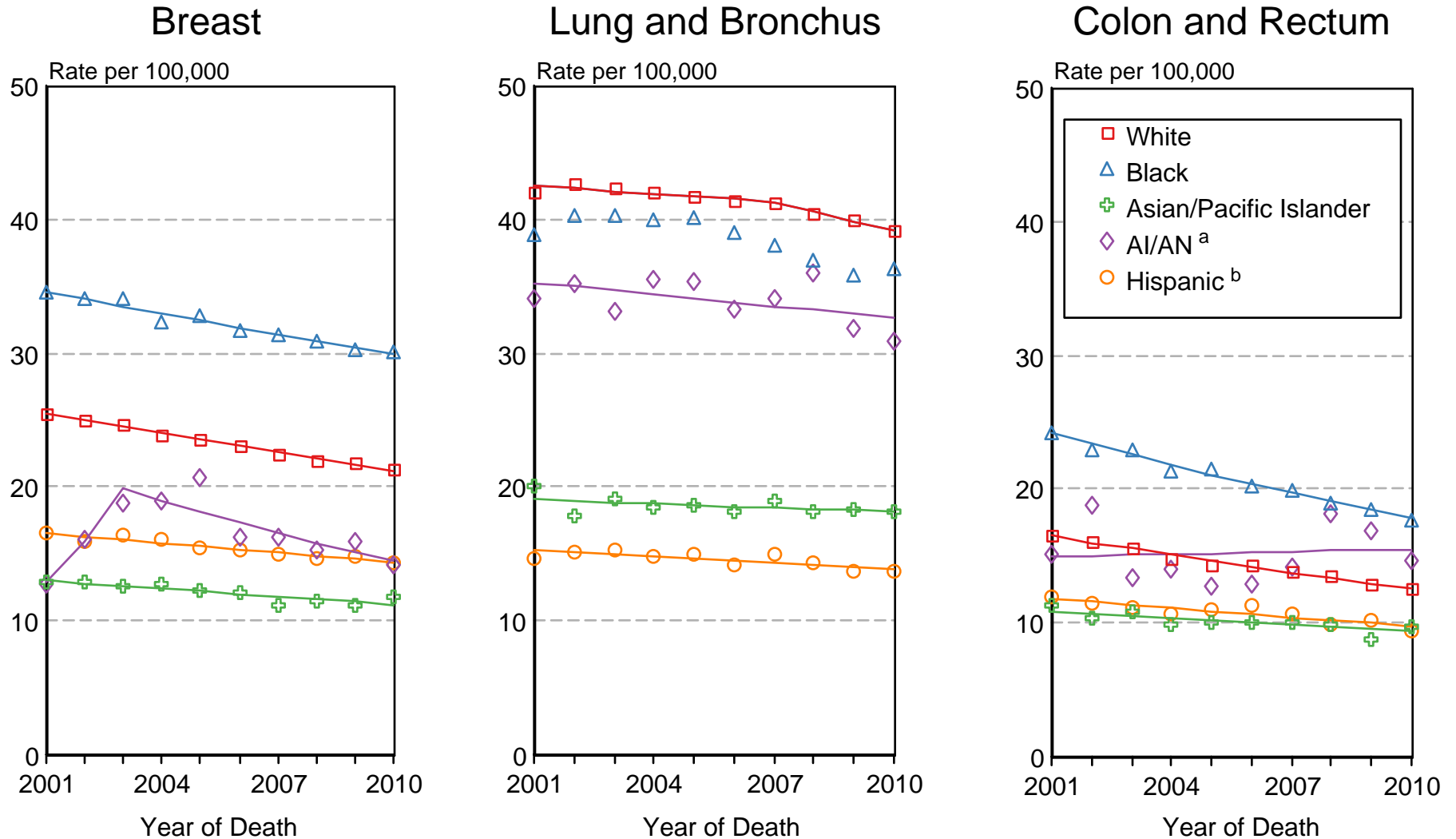
^a Mortality rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

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

Mortality data for Hispanics excludes cases from the District of Columbia, Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

Figure 1.16

US Mortality 2001-2010 Females by Race/Ethnicity



Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

^a Mortality 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.

Mortality data for Hispanics excludes cases from the District of Columbia, Maine, Minnesota, New Hampshire, North Dakota, and Oklahoma.

Table 2.15
All Cancer Sites (Invasive)

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	463.0	535.9	411.2	-0.6*	-1.1*	-0.3*	-0.5*	-0.9*	-0.3*
White	471.9	539.1	424.4	-0.5*	-1.0*	-0.3*	-0.5*	-1.1*	-0.3*
White Hispanic ^e	367.1	419.3	334.4	-0.7	-1.1*	0.1	-	-	-
White Non-Hispanic ^e	490.3	558.9	441.2	-0.4*	-0.9*	-0.2*	-	-	-
Black	483.6	610.4	397.5	-0.7*	-1.5*	0.0	-1.0*	-1.5*	0.0
Asian/Pacific Islander	307.4	335.0	291.5	-0.5*	-1.7*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	323.6	351.3	306.5	0.2	-0.2	0.7*	-	-	-
Hispanic ^e	356.7	409.7	323.2	-0.7	-1.2*	-0.3	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	176.4	215.3	149.7	-1.5*	-1.8*	-1.4*			
White	175.8	213.1	149.8	-1.4*	-1.7*	-1.3*			
White Hispanic ^e	127.9	159.4	106.4	-1.3*	-1.4*	-1.2*			
White Non-Hispanic ^e	179.8	217.3	153.6	-1.3*	-1.6*	-1.3*			
Black	210.3	276.6	171.2	-2.1*	-2.5*	-1.7*			
Asian/Pacific Islander	108.8	132.4	92.1	-1.4*	-1.6*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	123.2	147.8	106.0	-0.8*	-1.1*	-0.7*			
CHSDA Counties	160.4	191.0	139.0	0.0	-0.1	0.1			
Non-CHSDA Counties	78.9	96.8	66.3	-2.6*	-3.1*	-2.1*			
Hispanic ^e	121.8	152.1	101.2	-1.5*	-1.6*	-1.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

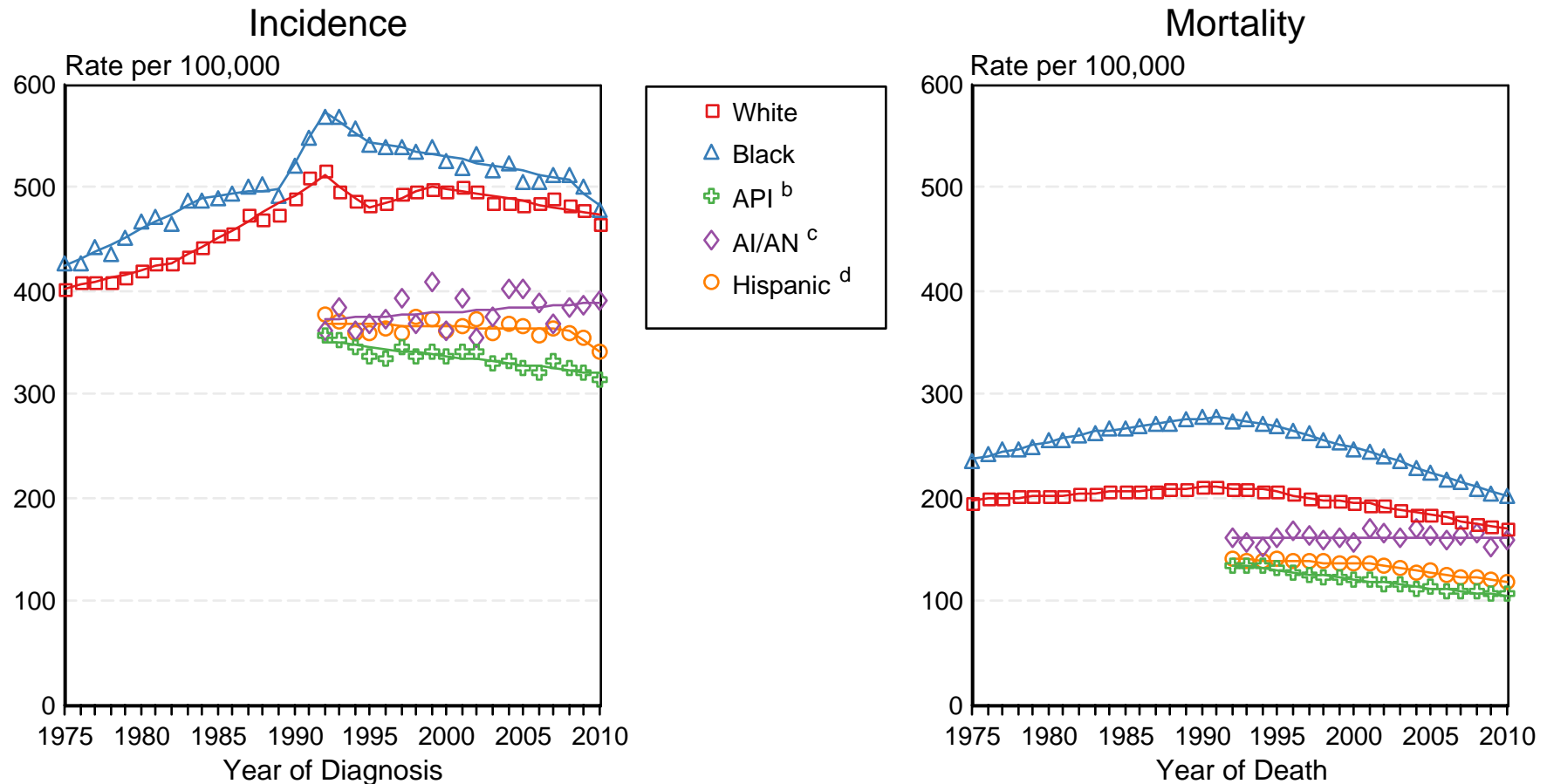
* The APC is significantly different from zero (p<.05).

Figure 2.4

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 3.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.5	7.7	5.4	-0.2*	-0.3*	-0.1	-0.2*	-0.4*	-0.1
White	7.1	8.4	6.0	-0.1	-0.2	0.0	-0.1	-0.2	0.0
White Hispanic ^e	5.5	6.2	4.9	-0.1	-1.7	-0.5	-	-	-
White Non-Hispanic ^e	7.6	9.0	6.3	0.1	-0.1	0.3	-	-	-
Black	4.1	4.7	3.7	0.0	-0.4	0.3	0.2	-0.2	0.7*
Asian/Pacific Islander	3.5	4.2	2.9	-0.3	-0.2	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	3.4	3.7	3.0	-	-	-	-	-	-
Hispanic ^e	5.3	5.9	4.7	-1.4	-1.9	-0.5	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.3	5.2	3.5	-0.5*	-0.4	-0.9*			
White	4.6	5.6	3.8	-0.7*	-0.3	-0.8*			
White Hispanic ^e	3.0	3.5	2.5	0.0	-0.1	0.0			
White Non-Hispanic ^e	4.8	5.8	3.9	-0.6*	-0.6*	-0.7*			
Black	2.5	3.0	2.1	-0.8*	-0.8*	-0.9*			
Asian/Pacific Islander	1.9	2.3	1.6	0.1	0.6	-0.5			
Amer Ind/Alaska Nat									
Total U.S.	1.9	2.2	1.7	0.1	-0.4	-			
CHSDA Counties	2.6	2.8	2.3	1.6	-	-			
Non-CHSDA Counties	1.2	1.5	1.0	-	-	-			
Hispanic ^e	2.8	3.3	2.4	-0.1	-0.2	0.0			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

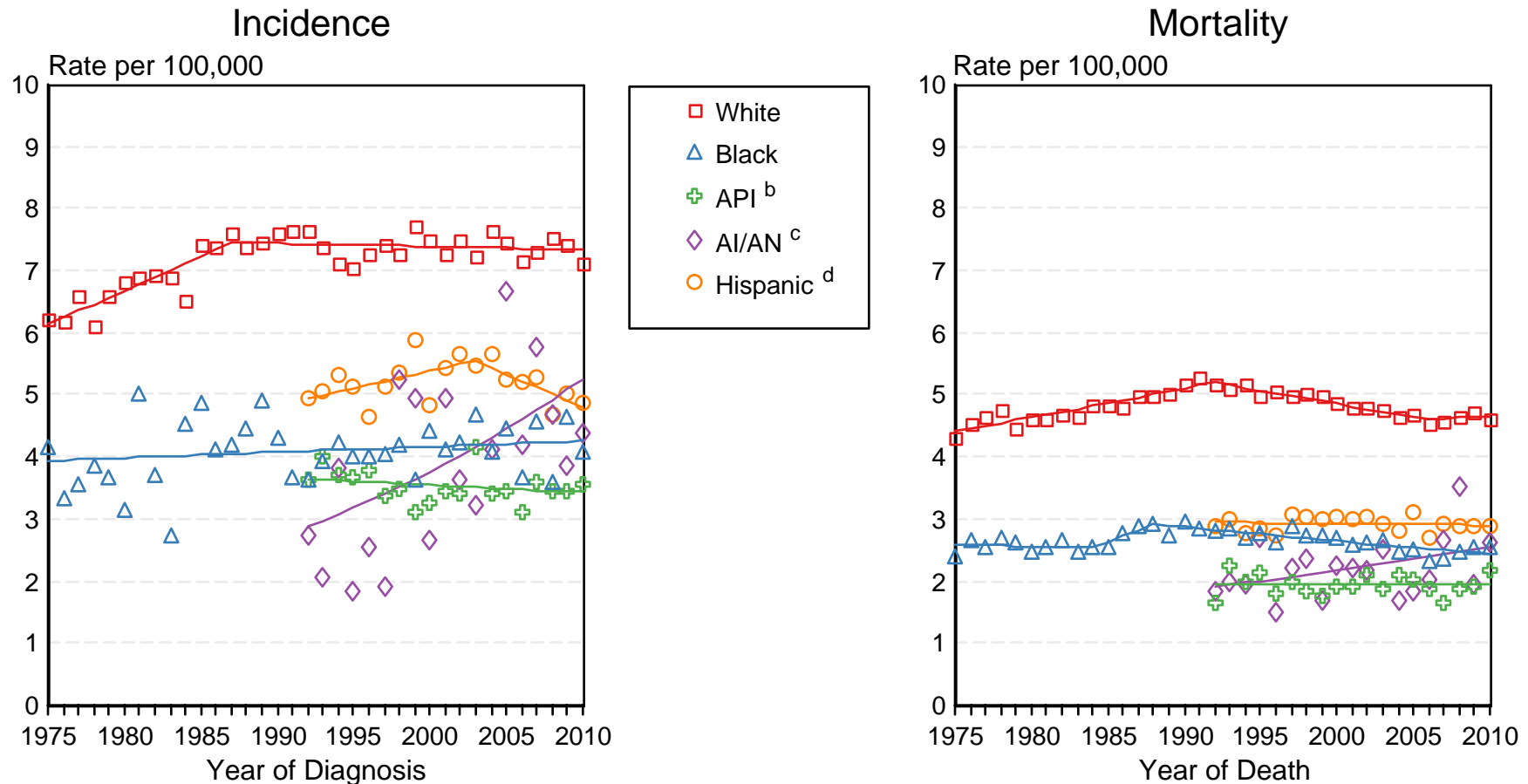
* The APC is significantly different from zero (p<.05).

Figure 3.2

SEER Incidence and US Death Rates^a Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 4.19
Cancer of the Female Breast (Invasive)

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

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	123.8	-0.7	-0.7
White	127.4	-0.8*	-0.8*
White Hispanic ^e	94.2	0.0	-
White Non-Hispanic ^e	133.4	-0.7	-
Black	121.4	0.1	0.1
Asian/Pacific Islander	91.8	0.0	-
Amer Ind/Alaska Nat ^f	77.1	-0.3	-
Hispanic ^e	90.8	-0.6*	-
U.S. Mortality ^g	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	22.6	-1.9*	
White	22.1	-1.9*	
White Hispanic ^e	15.6	-1.6*	
White Non-Hispanic ^e	22.7	-1.8*	
Black	30.8	-1.6*	
Asian/Pacific Islander	11.5	-1.0*	
Amer Ind/Alaska Nat			
Total U.S.	12.5	-1.2*	
CHSDA Counties	15.5	-0.4	
Non-CHSDA Counties	8.9	-2.6*	
Hispanic ^e	14.8	-1.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Table 4.20
Cancer of the Female Breast (*In Situ*)

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

SEER Incidence RACE/ETHNICITY	SEER 18 Areas ^b Rate 2006-2010 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2001-2010 ^c AAPC (%)	SEER 9 Areas ^b Trend 2001-2010 ^d AAPC (%)
	Females	Females	Females
All Races	31.4	0.6	0.9*
White	31.9	0.4	0.7*
White Hispanic ^e	21.1	1.7*	-
White Non-Hispanic ^e	34.1	0.6	-
Black	29.5	1.8*	1.8*
Asian/Pacific Islander	29.1	0.9	-
Amer Ind/Alaska Nat ^f	13.7	0.8	-
Hispanic ^e	20.6	1.6*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

^c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

^d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

^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.

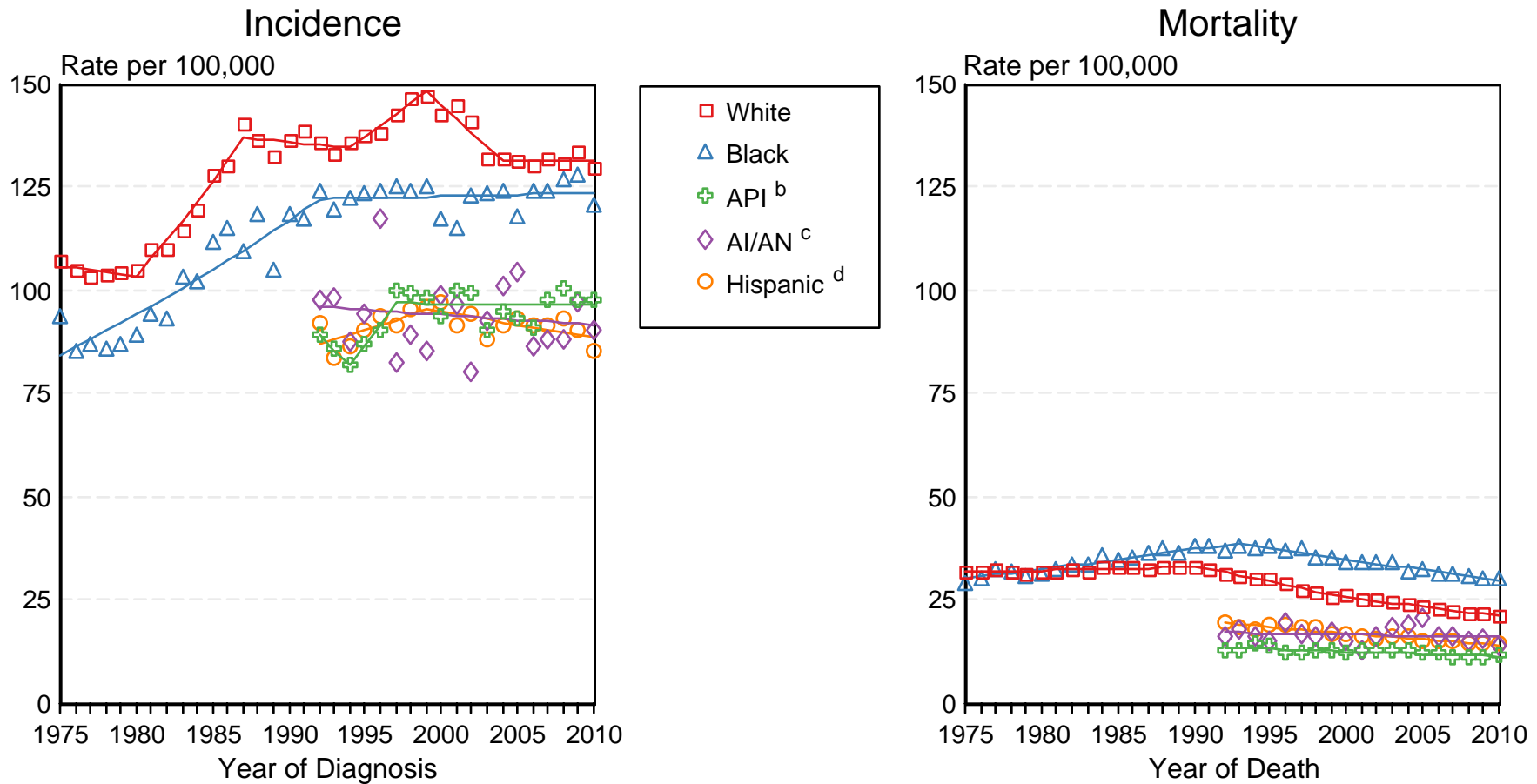
* The APC is significantly different from zero ($p < .05$).

Figure 4.4

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 5.11
Cancer of the Cervix Uteri (Invasive)

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

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	7.9	-2.5*	-2.5*
White	7.9	-2.1*	-2.2*
White Hispanic ^e	11.4	-3.9*	-
White Non-Hispanic ^e	7.2	-2.0*	-
Black	9.6	-3.7*	-3.7*
Asian/Pacific Islander	6.6	-4.4*	-
Amer Ind/Alaska Nat ^f	7.3	-1.3	-
Hispanic ^e	10.9	-3.9*	-
<u>U.S. Mortality^g</u>			
	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	2.4	-1.9*	
White	2.2	-1.4*	
White Hispanic ^e	3.1	-2.7*	
White Non-Hispanic ^e	2.1	-1.3*	
Black	4.2	-2.7*	
Asian/Pacific Islander	1.9	-4.1*	
Amer Ind/Alaska Nat			
Total U.S.	2.4	-3.0*	
CHSDA Counties	3.5	-2.0*	
Non-CHSDA Counties	1.2	-	
Hispanic ^e	2.9	-2.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, 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 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

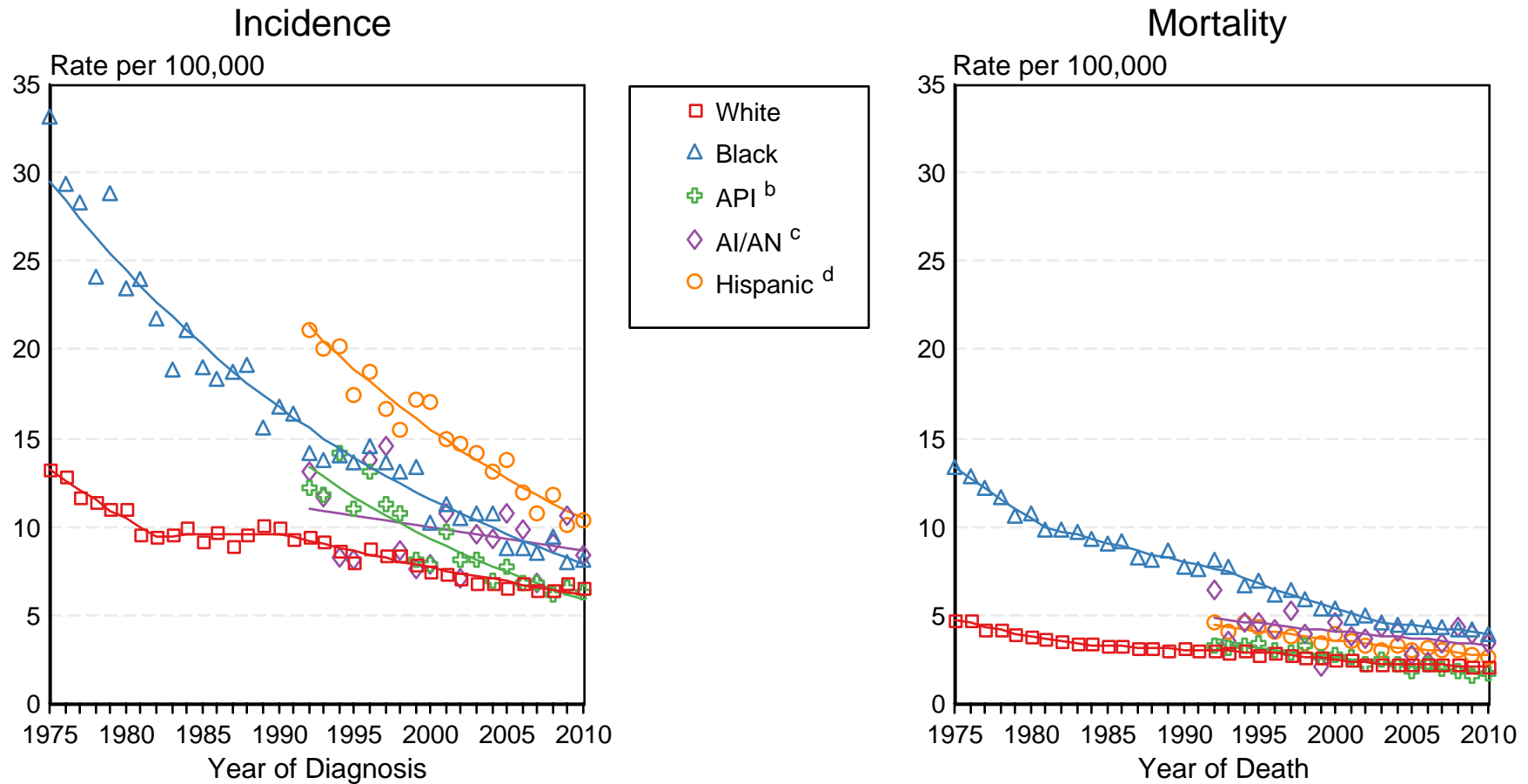
The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 5.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 6.21
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	45.0	52.2	39.3	-2.8*	-3.0*	-2.6*	-2.9*	-3.2*	-2.7*
White	44.2	51.3	38.4	-3.1*	-3.3*	-2.9*	-3.2*	-3.6*	-3.0*
White Hispanic ^e	38.8	47.1	32.5	-1.3	-0.5*	-1.1*	-	-	-
White Non-Hispanic ^e	45.1	52.1	39.3	-3.2*	-3.4*	-3.0*	-	-	-
Black	55.3	64.3	49.2	-2.2*	-2.4*	-2.1*	-2.5*	-2.8*	-2.5*
Asian/Pacific Islander	37.6	43.8	32.7	-2.3*	-2.7*	-1.0*	-	-	-
Amer Ind/Alaska Nat ^f	39.9	44.1	36.6	-0.4	-0.3	-0.5	-	-	-
Hispanic ^e	37.7	45.5	31.6	-1.3	-1.1*	-1.1*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	16.4	19.6	13.9	-2.9*	-2.9*	-3.0*			
White	15.9	19.1	13.4	-2.9*	-3.0*	-3.0*			
White Hispanic ^e	13.4	16.9	10.7	-1.4*	-1.1*	-1.9*			
White Non-Hispanic ^e	16.1	19.2	13.6	-2.8*	-3.0*	-2.8*			
Black	22.8	28.7	19.0	-2.9*	-2.4*	-3.3*			
Asian/Pacific Islander	11.2	13.1	9.7	-1.8*	-1.9*	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	12.6	14.4	11.3	-1.4*	-2.2*	-0.7			
CHSDA Counties	16.9	18.7	15.4	0.3	-1.3	0.2			
Non-CHSDA Counties	7.7	9.5	6.3	-1.7*	-2.8*	-1.8			
Hispanic ^e	12.7	16.1	10.2	-1.5*	-1.2*	-2.1*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Table 6.22
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 SEER Incidence	SEER 18 Areas ^b Rate 2006-2010			SEER 13 Areas ^b Trend 2001-2010 ^c AAPC (%)			SEER 9 Areas ^b Trend 2001-2010 ^d AAPC (%)		
	Rate per 100,000 persons			Total			Total		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	32.2	36.1	29.1	-3.0*	-3.3*	-2.9*	-3.3*	-3.4*	-2.9*
White	31.7	35.6	28.5	-3.3*	-3.5*	-3.1*	-3.4*	-3.7*	-3.2*
White Hispanic ^e	27.0	31.5	23.7	-1.5*	-1.9	-1.4*	-	-	-
White Non-Hispanic ^e	32.3	36.2	29.2	-3.3*	-3.6*	-3.2*	-	-	-
Black	41.6	47.2	37.8	-2.6*	-2.9*	-2.7*	-3.1*	-3.4*	-3.1*
Asian/Pacific Islander	25.1	27.7	23.0	-2.5*	-3.0*	-1.2*	-	-	-
Amer Ind/Alaska Nat ^f	28.3	29.6	27.6	-0.7	-1.1	-0.3	-	-	-
Hispanic ^e	26.2	30.4	23.1	-1.7*	-1.9	-1.4*	-	-	-
Cancer of the Rectum SEER Incidence	SEER 18 Areas ^b Rate 2006-2010			SEER 13 Areas ^b Trend 2001-2010 ^c AAPC (%)			SEER 9 Areas ^b Trend 2001-2010 ^d AAPC (%)		
	Rate per 100,000 persons			Total			Total		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	12.8	16.1	10.1	-2.1*	-2.4*	-1.5*	-2.3*	-2.6*	-2.0*
White	12.6	15.7	9.9	-2.5*	-2.8*	-1.8*	-2.7*	-3.2*	-2.5*
White Hispanic ^e	11.8	15.6	8.8	-0.6*	-0.8*	-0.5	-	-	-
White Non-Hispanic ^e	12.8	15.9	10.1	-2.6*	-3.0*	-1.9*	-	-	-
Black	13.7	17.1	11.4	-0.4	-0.7*	-0.1	-0.2	-0.1	-0.2
Asian/Pacific Islander	12.5	16.1	9.7	-1.1*	-2.4	-1.2	-	-	-
Amer Ind/Alaska Nat ^f	11.6	14.5	9.1	0.1	-	-	-	-	-
Hispanic ^e	11.4	15.1	8.6	-0.6*	-0.8*	-0.5	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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.

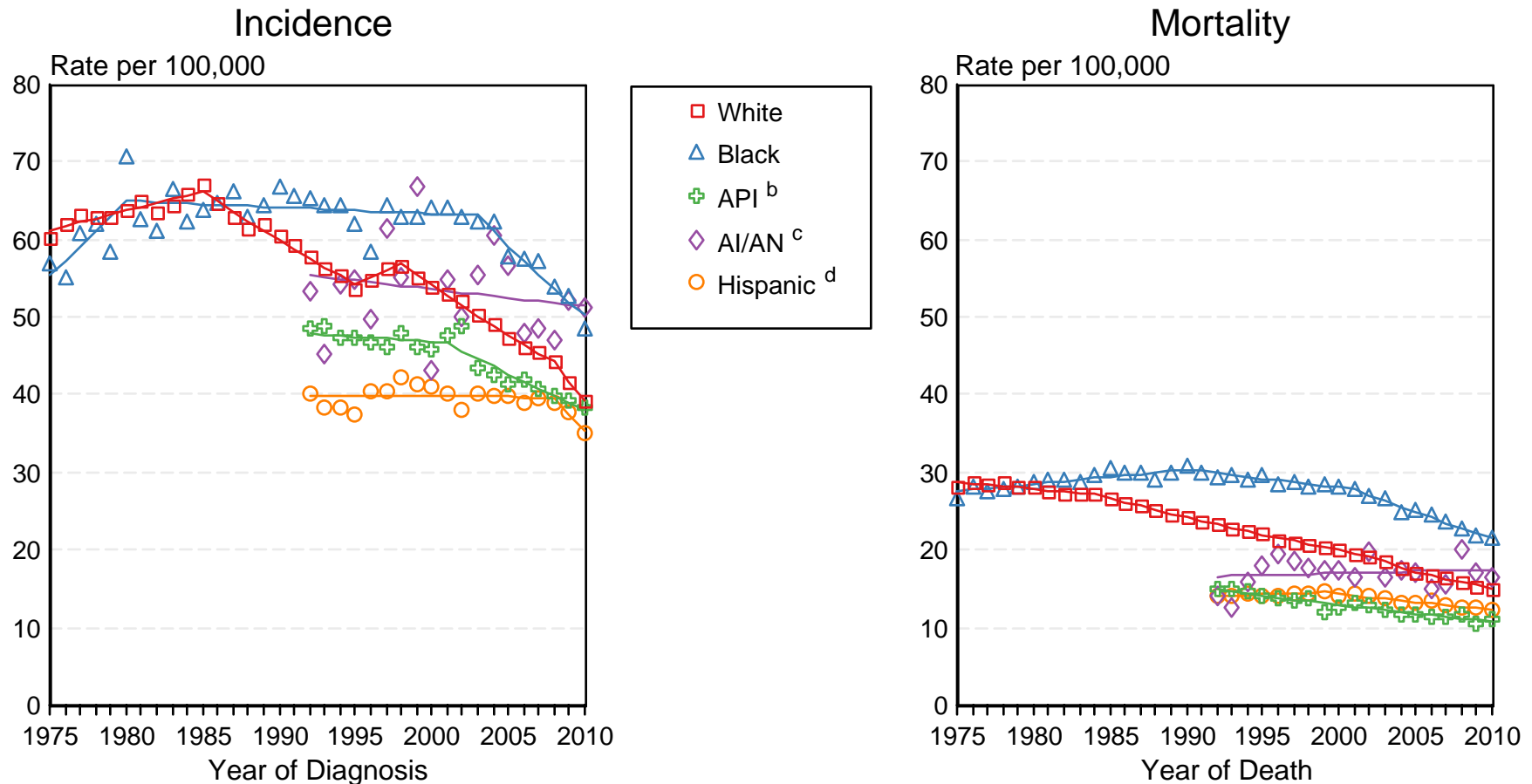
f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

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

Figure 6.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 7.11
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 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	24.3	1.1*	1.1*
White	25.1	0.7*	0.7*
White Hispanic ^e	20.0	1.4*	-
White Non-Hispanic ^e	25.9	0.7*	-
Black	22.2	2.2*	2.2*
Asian/Pacific Islander	18.6	2.6*	-
Amer Ind/Alaska Nat ^f	20.3	-	-
Hispanic ^e	19.4	1.3*	-
<u>U.S. Mortality^g</u>			
	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	4.3	0.7	
White	4.0	0.1	
White Hispanic ^e	3.5	0.4	
White Non-Hispanic ^e	4.0	0.1	
Black	7.4	0.4*	
Asian/Pacific Islander	2.6	1.7*	
Amer Ind/Alaska Nat			
Total U.S.	2.5	-0.5	
CHSDA Counties	3.2	-	
Non-CHSDA Counties	1.7	-	
Hispanic ^e	3.3	0.3	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

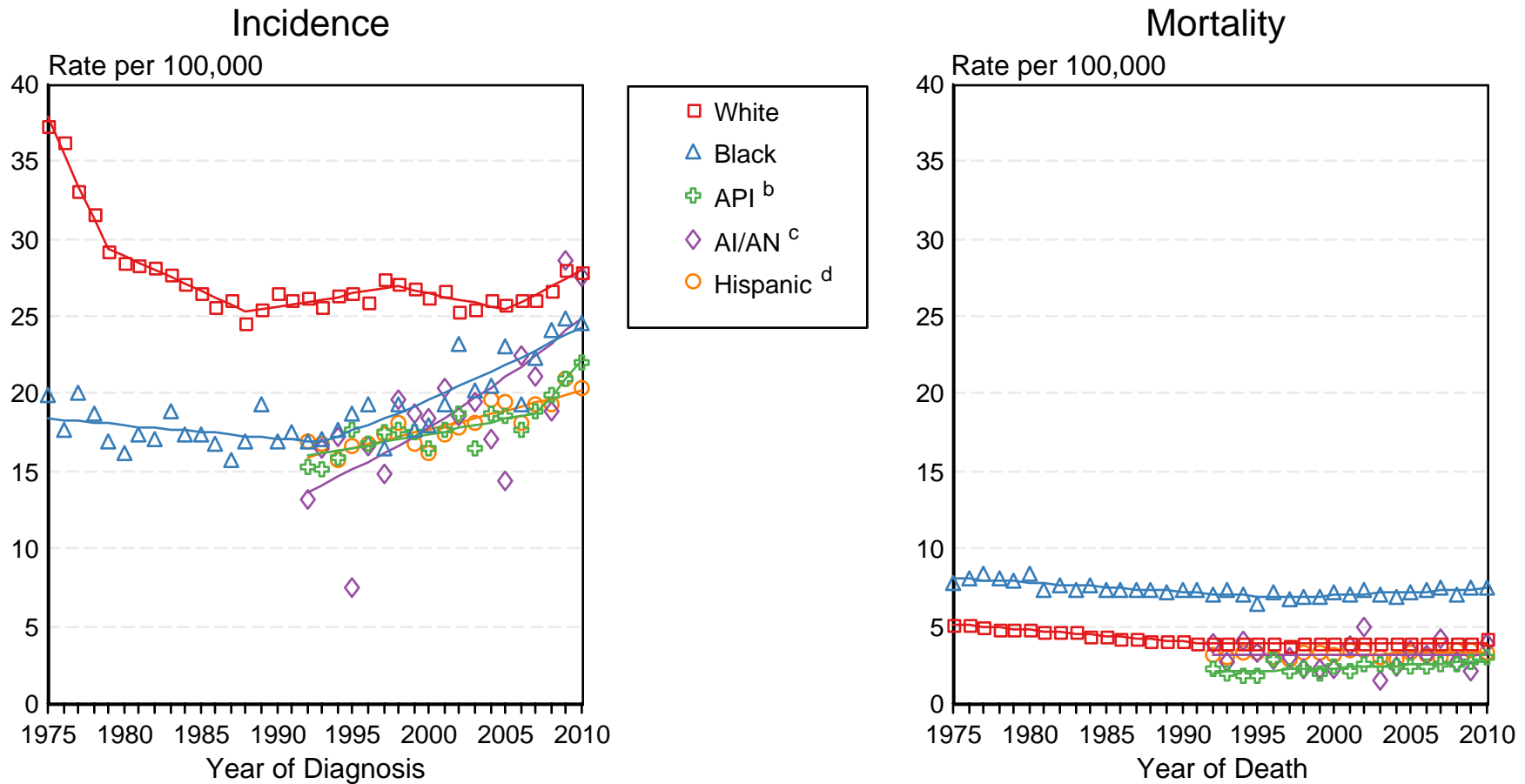
* The APC is significantly different from zero (p<.05).

Figure 7.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 8.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	4.4	7.7	1.8	-0.2	-0.1	-1.1*	-0.9*	-0.8	-0.4*
White	4.6	8.0	1.8	0.6*	0.8*	-0.5	-0.1	-0.1	0.0
White Hispanic ^e	2.9	5.4	1.0	-1.2*	-1.2*	-	-	-	-
White Non-Hispanic ^e	4.8	8.4	1.9	-0.1	0.0	-0.3	-	-	-
Black	5.1	8.4	2.7	-4.5*	-4.8*	-3.9*	-4.4*	-4.8*	-2.8*
Asian/Pacific Islander	2.3	3.9	1.1	-1.4*	-1.8*	-	-	-	-
Amer Ind/Alaska Nat ^f	4.1	6.1	2.4	-	-	-	-	-	-
Hispanic ^e	2.8	5.2	1.0	-1.2*	-1.2*	-1.9	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.3	7.6	1.6	-0.5*	-0.4*	-1.5*			
White	4.4	7.8	1.6	0.1	0.2	-0.8*			
White Hispanic ^e	2.4	4.5	0.8	-0.6*	-0.7*	-2.2*			
White Non-Hispanic ^e	4.6	8.1	1.6	0.2	0.3	-0.7*			
Black	4.4	7.7	2.1	-4.4*	-4.5*	-4.1*			
Asian/Pacific Islander	1.8	3.1	0.8	-1.9*	-2.0*	-1.0			
Amer Ind/Alaska Nat									
Total U.S.	2.7	4.6	1.2	-2.0	0.1	-			
CHSDA Counties	3.6	6.1	1.6	-1.0	1.1	-			
Non-CHSDA Counties	1.7	3.0	0.6	-	-	-			
Hispanic ^e	2.3	4.3	0.8	-0.7*	-0.8*	-2.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, 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 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

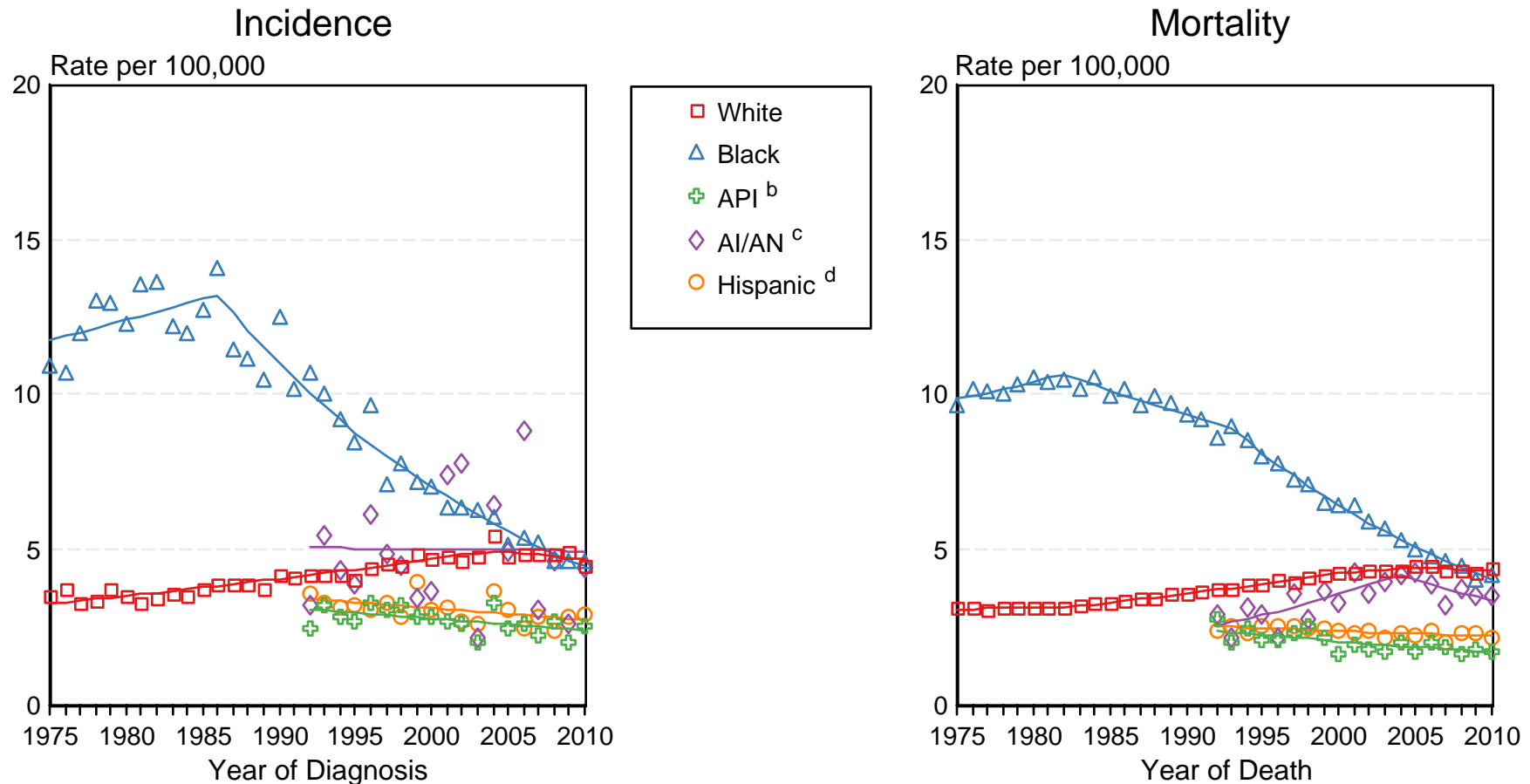
The APC is significantly different from zero (p<.05).

Figure 8.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 9.15
Hodgkin Lymphoma

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	2.8	3.2	2.4	0.0	0.3	0.1	0.2	1.0	0.3*
White	3.0	3.4	2.6	-0.1	0.3	0.1	0.0	-0.4*	0.3*
White Hispanic ^e	2.5	2.9	2.2	0.4	0.0	0.8	-	-	-
White Non-Hispanic ^e	3.2	3.6	2.9	-0.5	0.5	0.2	-	-	-
Black	2.7	3.2	2.3	1.0*	1.2*	0.7	1.1*	0.5	2.0*
Asian/Pacific Islander	1.3	1.5	1.1	2.2*	1.6	3.1*	-	-	-
Amer Ind/Alaska Nat ^f	0.9	-	1.1	-	-	-	-	-	-
Hispanic ^e	2.4	2.8	2.1	0.4	0.1	0.7	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.4	0.5	0.3	-2.4*	-2.2*	-2.6*			
White	0.4	0.5	0.3	-2.2*	-2.0*	-2.5*			
White Hispanic ^e	0.4	0.6	0.3	-2.7*	-2.8*	-2.5*			
White Non-Hispanic ^e	0.4	0.5	0.3	-2.4*	-2.4*	-2.4*			
Black	0.4	0.4	0.3	-3.0*	-3.6*	-2.4*			
Asian/Pacific Islander	0.2	0.2	0.1	-	-	-			
Amer Ind/Alaska Nat									
Total U.S.	0.1	0.3	-	-	-	-			
CHSDA Counties	-	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.4	0.5	0.3	-2.8*	-2.9*	-2.7*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

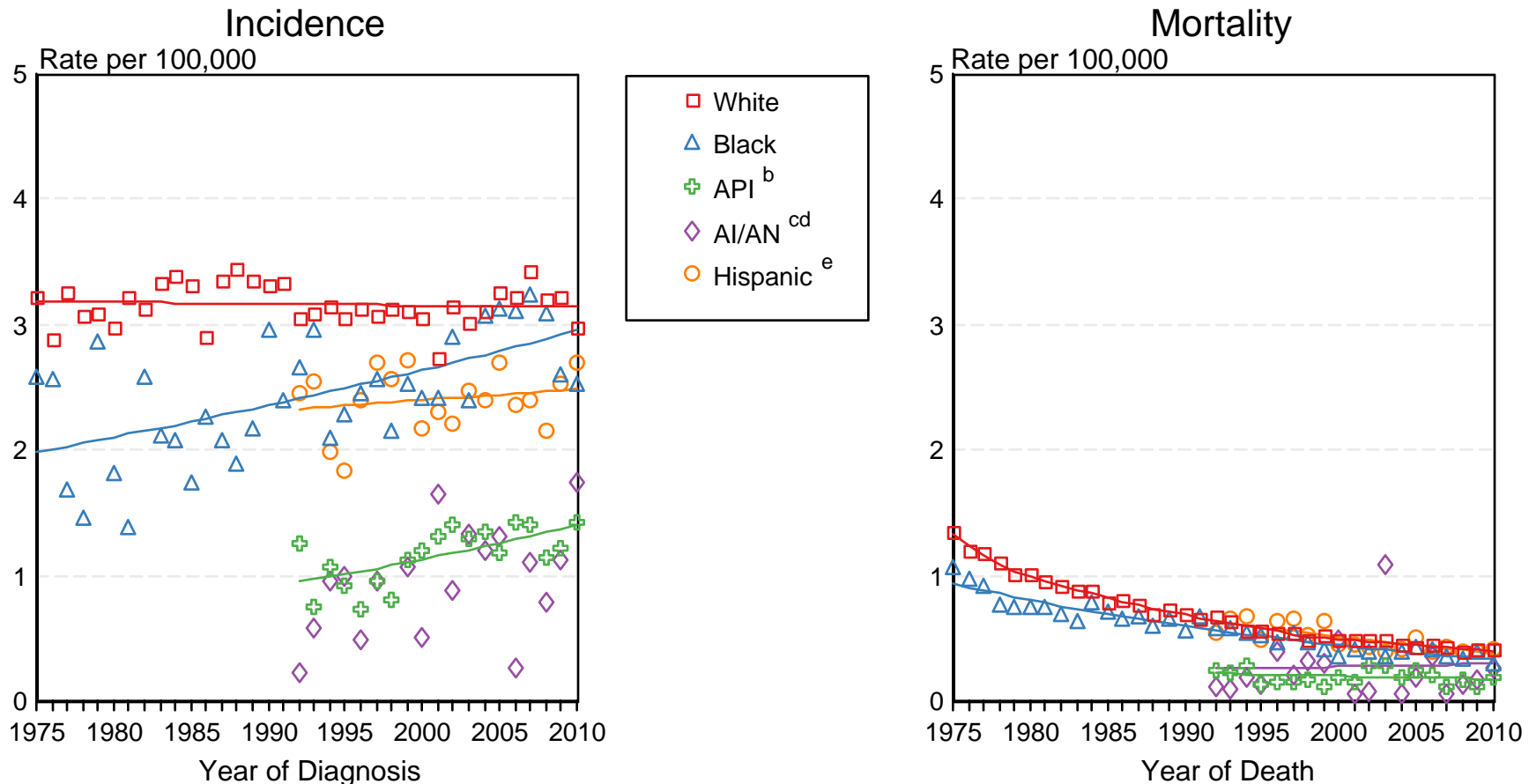
* The APC is significantly different from zero (p<.05).

Figure 9.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 10.13
Kaposi Sarcoma

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.6	1.0	0.1	-2.5*	-2.4*	-5.3*	-1.8*	-1.8*	-4.9*
White	0.5	0.9	0.1	-2.5*	-2.6*	-	-2.1*	-2.1*	-4.9*
White Hispanic ^e	0.8	1.4	0.2	-2.3	-2.7	-	-	-	-
White Non-Hispanic ^e	0.4	0.8	0.1	-2.6*	-2.7*	-	-	-	-
Black	1.0	2.0	0.2	-2.7*	-2.5*	-	-2.1	-2.0	-
Asian/Pacific Islander	0.2	0.4	-	-	-	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.8	1.4	0.2	-2.5	-3.0	-	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

^c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

^d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

^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 11.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	15.3	21.0	10.6	1.9*	1.9*	1.5*	1.7*	1.8	1.2
White	15.8	21.5	10.9	1.7*	1.7*	1.5	1.5*	1.6*	1.4
White Hispanic ^e	15.8	21.0	11.5	1.4	2.6*	2.8*	-	-	-
White Non-Hispanic ^e	15.9	21.7	10.9	1.8*	2.2*	1.3	-	-	-
Black	17.4	24.1	12.3	2.8*	2.9*	2.5*	2.9*	3.0*	2.8*
Asian/Pacific Islander	7.9	11.0	5.5	2.7*	2.5*	3.1*	-	-	-
Amer Ind/Alaska Nat ^f	19.7	24.8	15.6	1.7*	1.5	-	-	-	-
Hispanic ^e	15.1	20.1	11.1	1.3	2.6*	2.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.0	5.8	2.6	-0.9*	-0.5*	-0.7*			
White	4.1	5.9	2.6	-0.4*	-0.8*	-0.7*			
White Hispanic ^e	3.7	5.4	2.4	0.1	0.0	0.1			
White Non-Hispanic ^e	4.1	5.9	2.6	-0.8*	-0.9*	-0.6*			
Black	3.9	5.7	2.6	-0.5*	-0.6*	-0.5*			
Asian/Pacific Islander	2.0	3.0	1.2	0.4	0.7	-0.1			
Amer Ind/Alaska Nat									
Total U.S.	4.6	6.8	2.9	-0.4	0.0	-1.6			
CHSDA Counties	6.7	9.5	4.4	0.4	0.4	-0.3			
Non-CHSDA Counties	2.1	3.6	1.0	-	-	-			
Hispanic ^e	3.5	5.1	2.3	0.0	-0.1	0.0			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

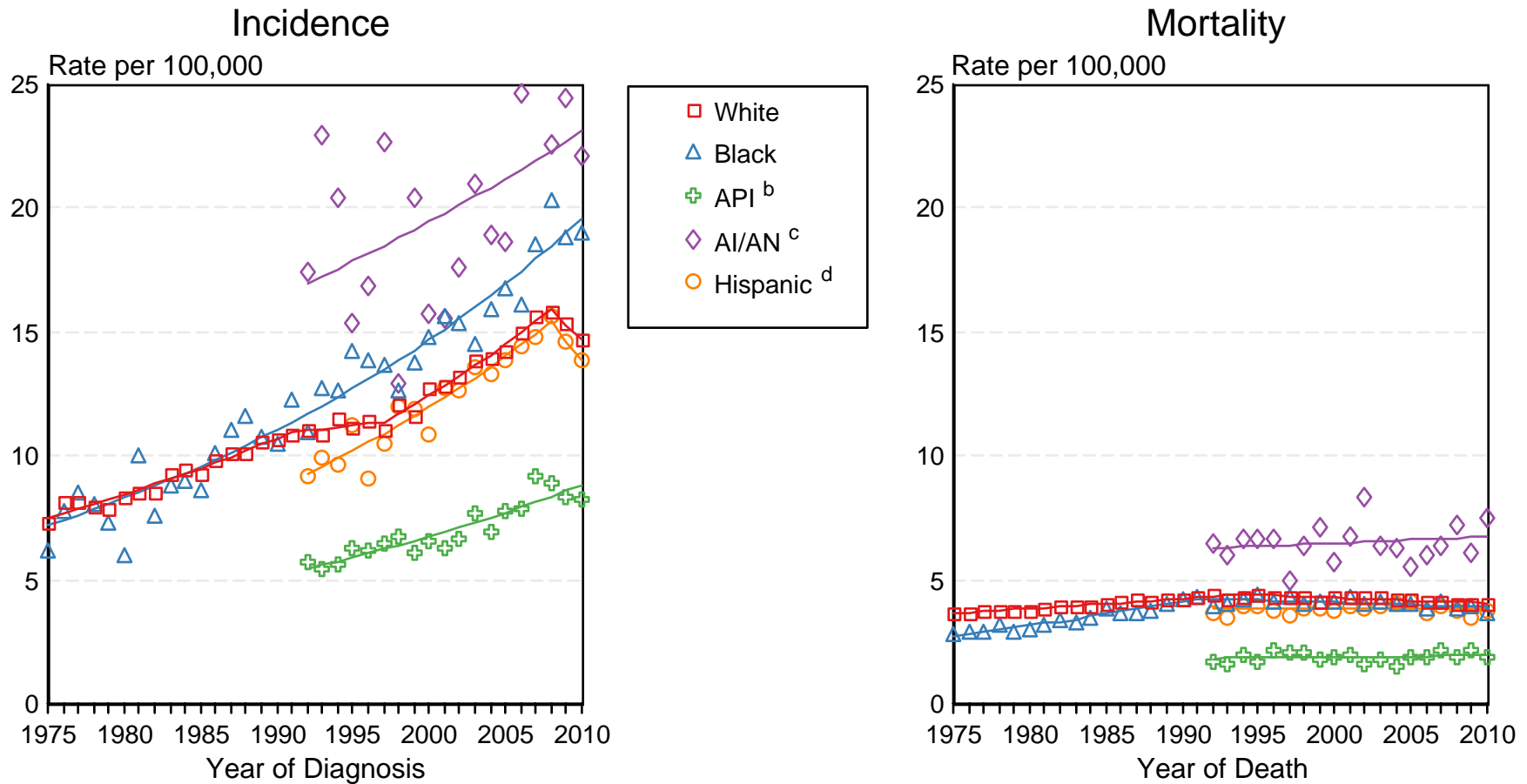
* The APC is significantly different from zero (p<.05).

Figure 11.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 12.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	3.4	6.0	1.3	-2.7*	-1.9*	-3.1*	-2.5*	-2.5*	-2.6*
White	3.4	6.0	1.3	-2.4*	-1.7*	-2.8*	-2.3*	-2.5*	-2.4*
White Hispanic ^e	2.5	4.9	0.6	-1.6*	-1.4*	-	-	-	-
White Non-Hispanic ^e	3.6	6.2	1.4	-2.4*	-2.5*	-2.6*	-	-	-
Black	5.0	9.6	1.8	-3.3*	-3.2*	-3.3*	-2.9*	-2.8*	-3.1*
Asian/Pacific Islander	1.2	2.4	0.3	-3.1*	-2.7*	-	-	-	-
Amer Ind/Alaska Nat ^f	2.5	4.6	-	-	-	-	-	-	-
Hispanic ^e	2.4	4.7	0.5	-1.5*	-1.4*	-	-	-	-
U.S. Mortality ^g									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	1.1	2.0	0.4	-2.2*	-2.5*	-2.0*			
White	1.1	1.9	0.4	-1.9*	-2.2*	-1.7*			
White Hispanic ^e	0.8	1.8	0.2	-2.8*	-2.9*	-			
White Non-Hispanic ^e	1.1	1.9	0.4	-1.7*	-2.1*	-1.3*			
Black	2.0	3.9	0.7	-3.3*	-3.3*	-3.0*			
Asian/Pacific Islander	0.4	0.8	0.1	-2.3*	-1.7*	-			
Amer Ind/Alaska Nat									
Total U.S.	0.9	1.7	0.3	-	-	-			
CHSDA Counties	1.0	2.1	-	-	-	-			
Non-CHSDA Counties	0.7	1.3	-	-	-	-			
Hispanic ^e	0.8	1.7	0.2	-2.8*	-2.9*	-			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

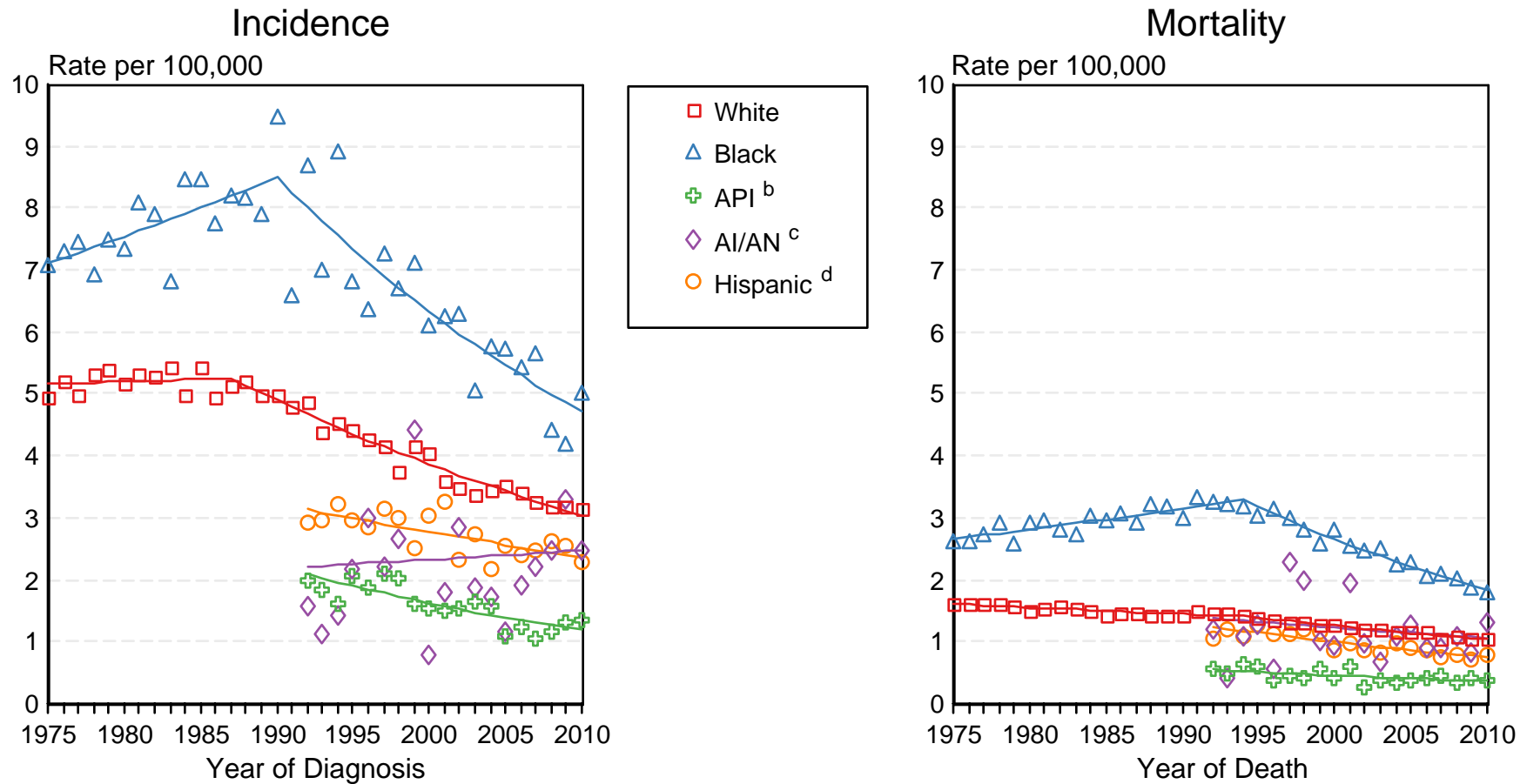
* The APC is significantly different from zero (p<.05).

Figure 12.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 13.23
Leukemia

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.8	16.3	10.0	0.1	-0.1	0.1	0.1*	0.0	0.2*
White	13.5	17.2	10.5	0.2	0.0	0.2	0.2*	0.1	0.3*
White Hispanic ^e	10.6	12.7	8.9	0.3	0.2	0.4	-	-	-
White Non-Hispanic ^e	13.6	17.5	10.5	0.2	0.0	0.3	-	-	-
Black	9.8	12.6	7.8	-0.2	0.0	-0.2	-0.2	-0.1	-0.2
Asian/Pacific Islander	7.4	9.0	6.1	-0.5*	-0.4	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	7.3	8.8	6.2	1.5	-	-	-	-	-
Hispanic ^e	10.2	12.2	8.7	0.3	0.2	0.5	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	7.1	9.5	5.3	-1.0*	-0.8*	-1.3*			
White	7.3	9.8	5.5	-0.9*	-0.7*	-1.1*			
White Hispanic ^e	5.1	6.4	4.2	-0.6*	-0.5	-0.7*			
White Non-Hispanic ^e	7.4	10.0	5.5	-0.8*	-0.7*	-1.2*			
Black	6.1	8.2	4.8	-1.2*	-1.2*	-1.2*			
Asian/Pacific Islander	3.9	5.0	3.1	-0.9*	-0.8*	-0.9			
Amer Ind/Alaska Nat									
Total U.S.	3.7	4.9	2.8	-0.9	-0.9	-1.3			
CHSDA Counties	4.8	7.0	3.3	0.2	0.9	-			
Non-CHSDA Counties	2.4	2.5	2.3	-2.4	-	-			
Hispanic ^e	4.9	6.1	4.0	-1.0*	-0.6*	-0.8*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

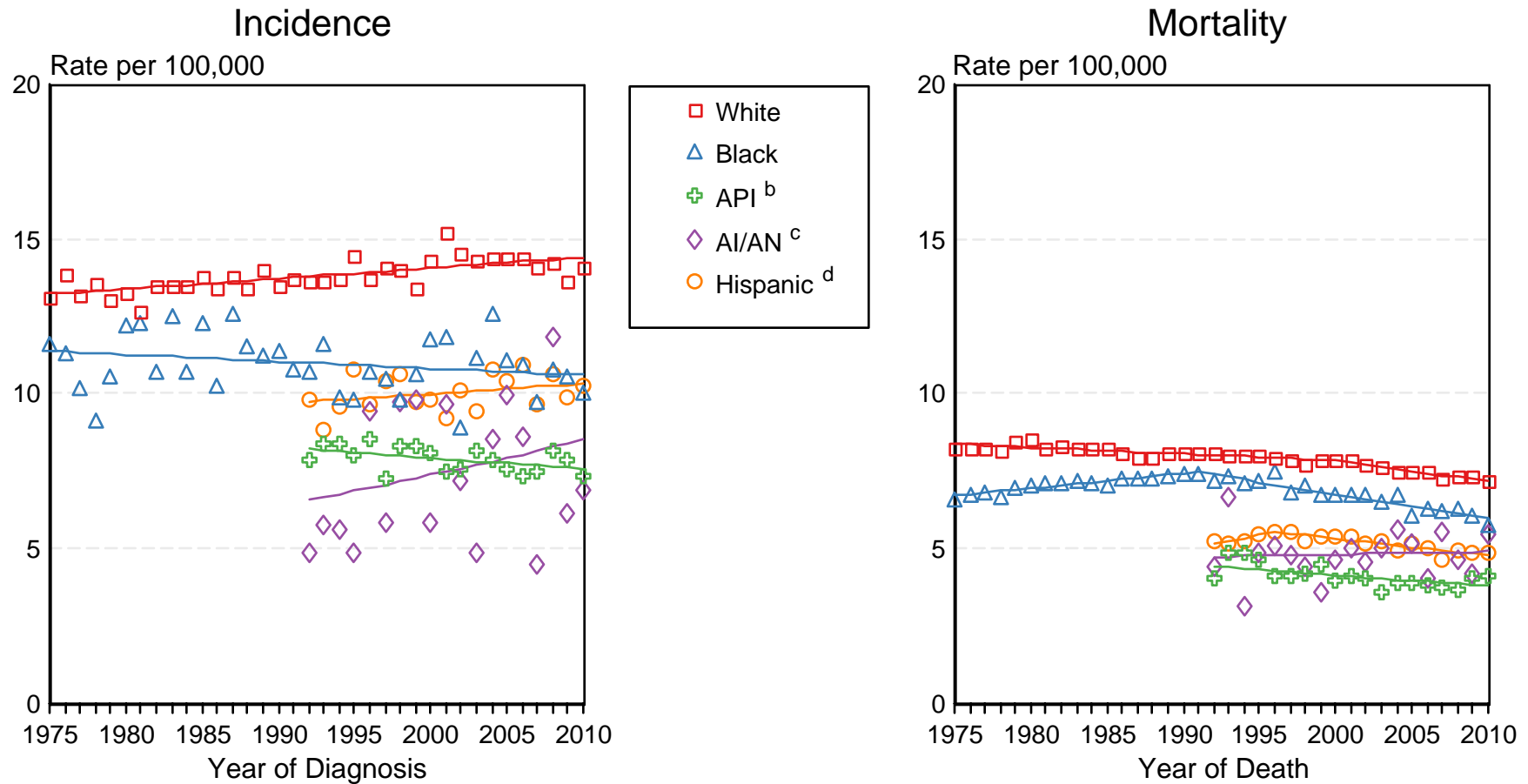
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 13.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 14.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	7.7	11.9	4.0	3.5*	3.5*	2.8*	4.1*	3.7*	2.5*
White	6.7	10.4	3.5	4.1*	3.9*	2.9*	4.5*	4.0*	3.2*
White Hispanic ^e	12.6	19.1	7.1	3.3*	3.3*	2.7*	-	-	-
White Non-Hispanic ^e	5.8	9.1	3.0	3.6*	3.5*	2.7*	-	-	-
Black	9.1	15.1	4.5	4.0*	4.4*	2.7*	3.9*	3.8*	2.8*
Asian/Pacific Islander	14.1	21.4	8.2	0.6*	0.7*	0.5	-	-	-
Amer Ind/Alaska Nat ^f	13.5	20.6	7.7	3.3*	-	-	-	-	-
Hispanic ^e	12.1	18.3	6.9	3.2*	3.3*	2.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	5.6	8.3	3.4	2.4*	2.3*	1.4*			
White	5.2	7.6	3.2	2.6*	2.4*	1.9*			
White Hispanic ^e	9.0	13.0	5.7	1.9*	1.9*	1.6*			
White Non-Hispanic ^e	4.8	7.1	2.9	2.5*	2.6*	1.7*			
Black	7.4	11.8	4.1	1.9*	2.2*	0.8*			
Asian/Pacific Islander	9.7	14.4	6.0	-0.9*	-0.8*	-0.8*			
Amer Ind/Alaska Nat									
Total U.S.	6.8	9.5	4.5	1.9*	2.1*	1.2			
CHSDA Counties	9.3	13.2	6.1	2.1*	2.4*	1.4			
Non-CHSDA Counties	3.8	5.2	2.5	-	-	-			
Hispanic ^e	8.5	12.3	5.4	1.7*	1.8*	1.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

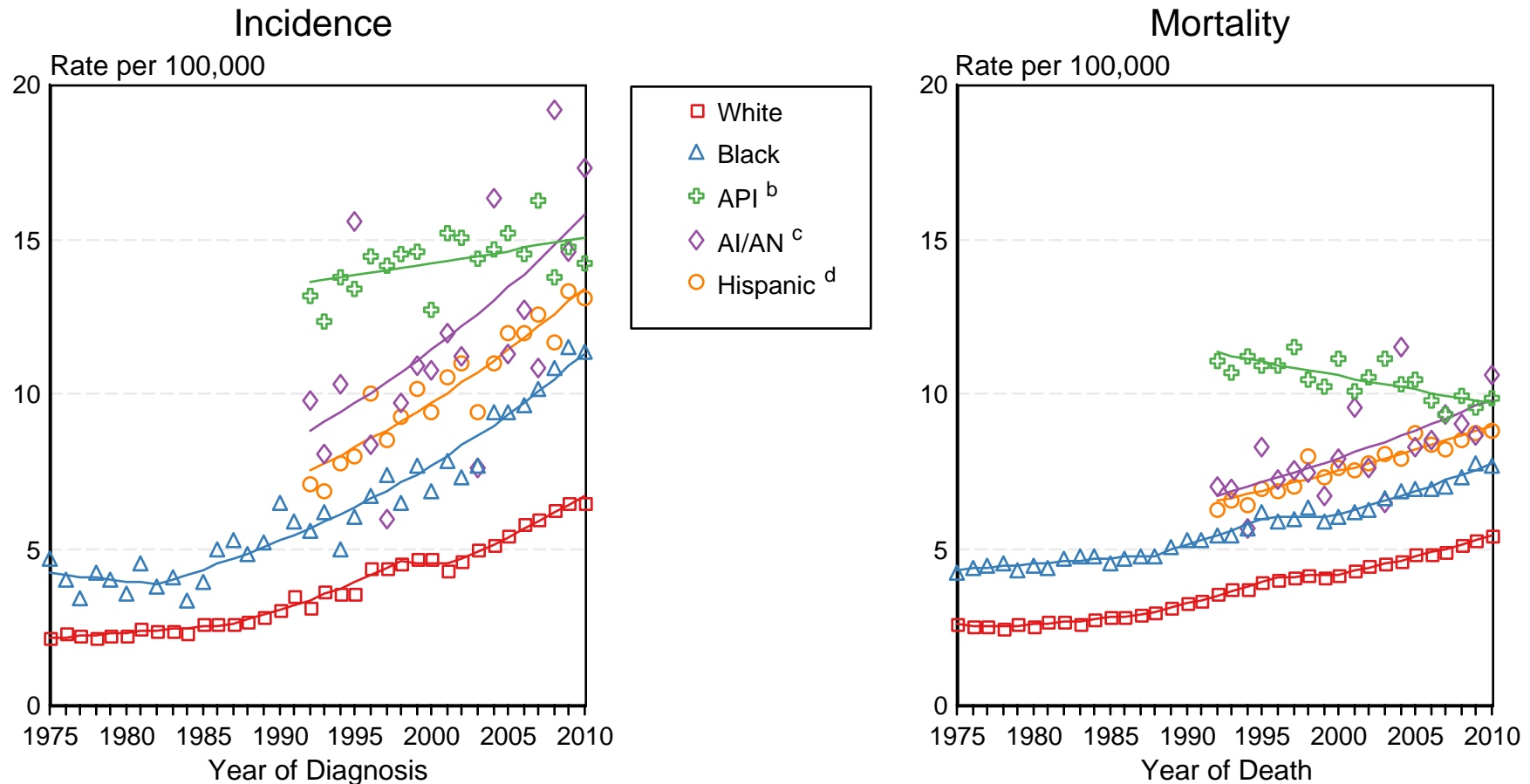
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 14.2

SEER Incidence and US Death Rates^a Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 15.21
Lung and Bronchus (Invasive)

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	61.4	74.3	51.9	-1.6*	-2.0*	-0.9*	-1.3*	-1.8*	-0.6
White	63.1	74.5	54.6	-1.5*	-1.9*	-1.0*	-1.3*	-1.8*	-0.6
White Hispanic ^e	33.2	41.9	27.0	-1.2*	-1.9*	-0.2	-	-	-
White Non-Hispanic ^e	67.4	79.1	58.7	-1.3*	-1.8*	-0.9	-	-	-
Black	69.7	95.8	52.2	-1.5*	-2.6*	-0.7	-1.1*	-2.1*	0.2
Asian/Pacific Islander	37.6	50.7	28.1	-1.3*	-2.1*	0.2	-	-	-
Amer Ind/Alaska Nat ^f	42.1	51.2	35.7	-0.4	-1.2	0.9	-	-	-
Hispanic ^e	32.2	40.6	26.3	-1.1*	-1.9*	-0.2	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	49.5	63.5	39.2	-1.7*	-2.5*	-0.8*			
White	50.2	63.2	40.4	-1.5*	-2.3*	-0.7*			
White Hispanic ^e	22.2	32.6	14.8	-2.1*	-2.4*	-1.2*			
White Non-Hispanic ^e	52.6	65.7	42.7	-1.4*	-2.2*	-0.6*			
Black	53.5	78.5	37.2	-2.4*	-3.2*	-1.2*			
Asian/Pacific Islander	25.5	35.5	18.4	-1.1*	-1.5*	-0.4*			
Amer Ind/Alaska Nat									
Total U.S.	33.0	41.2	26.8	-0.8*	-1.9*	-1.1			
CHSDA Counties	40.2	49.6	33.1	0.0	-1.0*	-0.5			
Non-CHSDA Counties	24.3	31.1	19.0	-1.9*	-3.1*	-1.7*			
Hispanic ^e	21.3	31.3	14.1	-2.2*	-2.7*	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

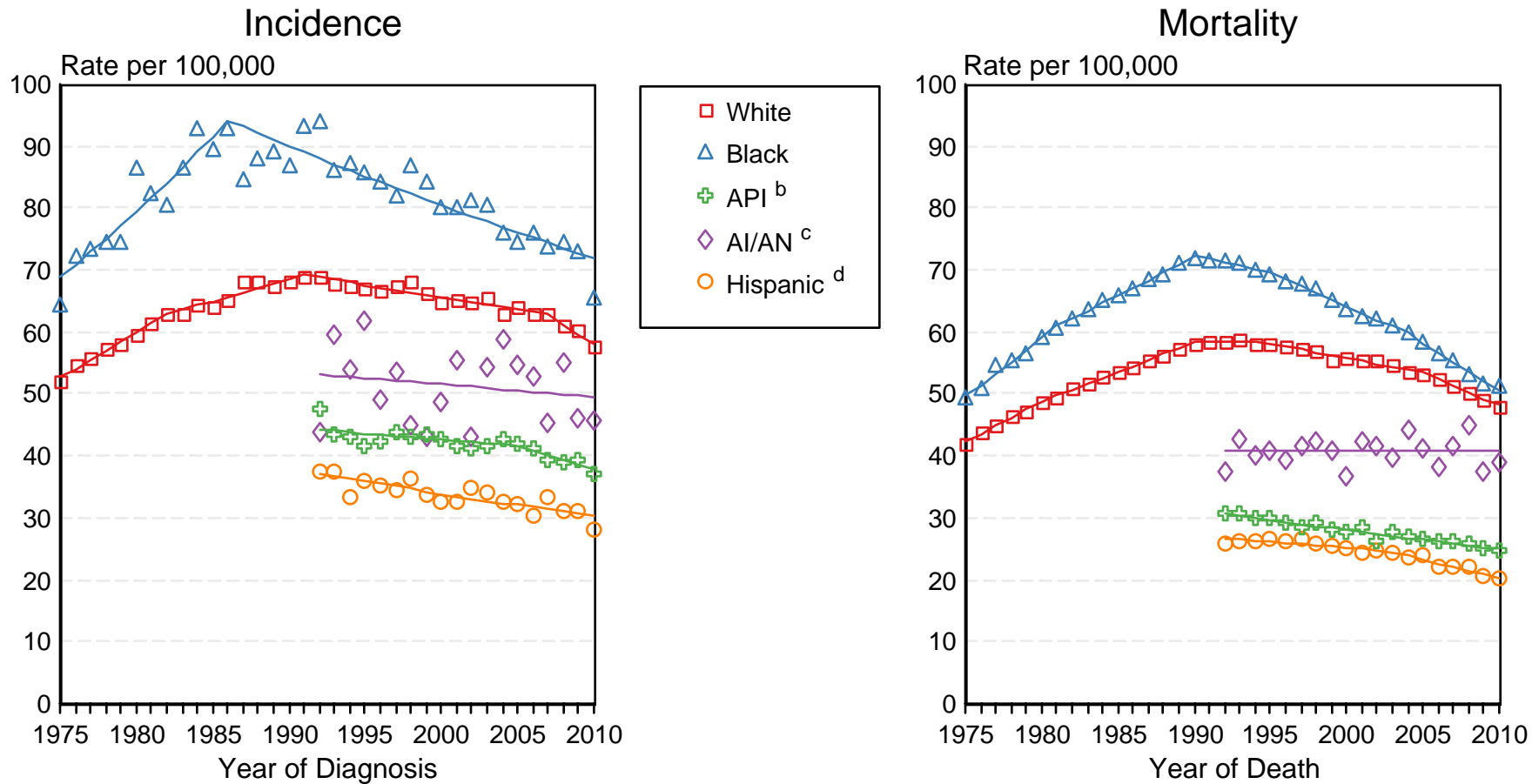
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 15.4

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 16.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	21.1	27.4	16.7	1.9*	2.4*	1.6*	2.6*	2.9*	2.3*
White	25.0	31.9	20.0	2.3*	2.8*	2.1*	2.4*	3.1*	2.2*
White Hispanic ^e	4.5	4.8	4.5	-2.1	1.5*	0.1	-	-	-
White Non-Hispanic ^e	29.2	36.7	23.8	3.1*	3.1*	2.4*	-	-	-
Black	1.0	1.1	1.0	2.2	-	-	0.0	0.1	-0.3
Asian/Pacific Islander	1.3	1.6	1.1	0.6	1.1	0.2	-	-	-
Amer Ind/Alaska Nat ^f	3.7	4.1	3.5	-	-	-	-	-	-
Hispanic ^e	4.5	4.7	4.4	-2.1	1.3*	-0.1	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	2.7	4.1	1.7	0.1	0.4*	-0.5*			
White	3.1	4.6	2.0	0.2*	0.5*	-0.3*			
White Hispanic ^e	0.9	1.1	0.6	0.0	0.4	-0.4			
White Non-Hispanic ^e	3.4	5.0	2.1	0.5*	0.7*	0.0			
Black	0.4	0.5	0.4	-0.9*	0.3	-1.8*			
Asian/Pacific Islander	0.4	0.4	0.3	-0.9	-	-			
Amer Ind/Alaska Nat									
Total U.S.	0.9	1.2	0.7	-	-	-			
CHSDA Counties	1.1	1.7	0.8	-	-	-			
Non-CHSDA Counties	0.6	-	-	-	-	-			
Hispanic ^e	0.8	1.1	0.6	0.0	0.2	-0.4			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

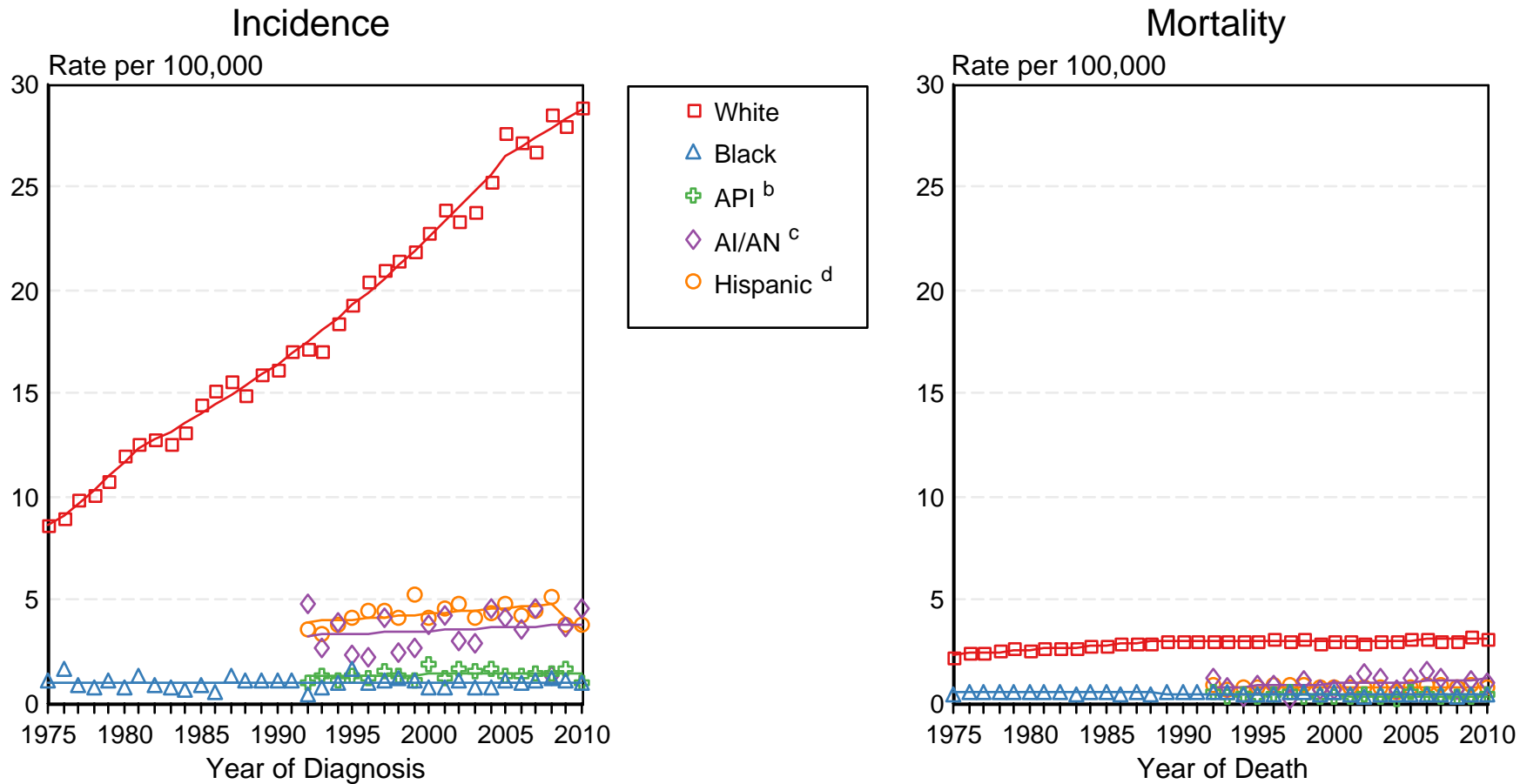
* The APC is significantly different from zero (p<.05).

Figure 16.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 17.11
Mesothelioma

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	1.0	1.9	0.4	-1.0*	-1.4*	-0.1	-1.0*	-1.5*	-0.1
White	1.1	2.1	0.5	-0.6*	-1.1*	0.3	-0.6*	-1.2*	0.7*
White Hispanic ^e	1.0	1.7	0.4	-0.3	-1.6	-	-	-	-
White Non-Hispanic ^e	1.2	2.1	0.5	-0.6*	-1.0*	0.2	-	-	-
Black	0.6	1.1	0.3	-	-	-	-4.7*	-6.3*	-
Asian/Pacific Islander	0.3	0.5	0.2	-	-	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.9	1.6	0.4	-0.3	-1.6	-	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

^c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

^d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

^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 18.15
Myeloma

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	5.9	7.5	4.8	0.4*	0.5*	0.1	0.7*	0.7*	0.5*
White	5.5	7.1	4.2	0.3*	0.5*	0.0	0.7*	0.8*	0.4*
White Hispanic ^e	5.6	6.8	4.7	-0.1	0.1	-0.4	-	-	-
White Non-Hispanic ^e	5.4	7.1	4.1	0.4*	0.5*	0.0	-	-	-
Black	11.9	14.4	10.2	0.4	0.7	0.1	0.7*	0.6*	0.8*
Asian/Pacific Islander	3.5	4.3	2.9	0.3	0.1	0.7	-	-	-
Amer Ind/Alaska Nat ^f	3.8	4.1	3.7	-	-	-	-	-	-
Hispanic ^e	5.5	6.7	4.6	0.0	0.3	-0.4	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	3.4	4.3	2.7	-1.7*	-1.1*	-2.2*			
White	3.1	4.0	2.5	-1.7*	-1.1*	-2.2*			
White Hispanic ^e	2.9	3.6	2.4	-0.7	-0.6	-1.8*			
White Non-Hispanic ^e	3.1	4.1	2.5	-1.7*	-1.1*	-2.3*			
Black	6.4	7.9	5.4	-1.9*	-1.3*	-2.4*			
Asian/Pacific Islander	1.7	2.3	1.3	-0.6	2.2	-1.2			
Amer Ind/Alaska Nat									
Total U.S.	2.4	3.0	1.9	-1.6	-	-			
CHSDA Counties	2.9	3.6	2.4	-1.6	-	-			
Non-CHSDA Counties	1.8	2.3	1.4	-	-	-			
Hispanic ^e	2.8	3.5	2.3	-0.7	-0.6	-2.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

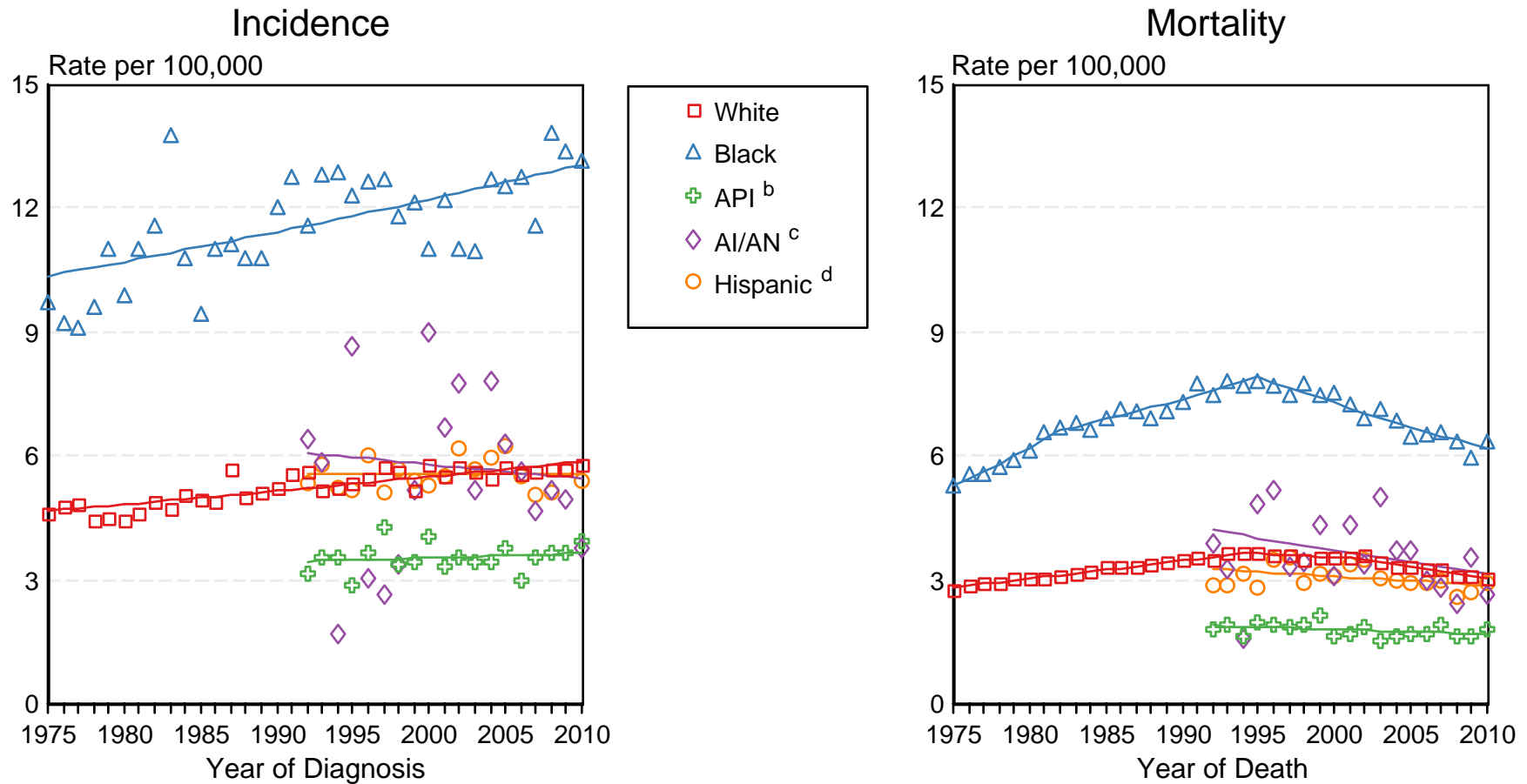
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 18.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 19.19
Non-Hodgkin Lymphoma

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.7	23.9	16.4	0.4*	0.5*	0.1	0.5*	0.4*	0.0
White	20.7	25.0	17.3	0.5*	0.5*	0.2	0.2	0.5*	-0.1
White Hispanic ^e	18.4	21.2	16.1	0.6*	0.4	1.1*	-	-	-
White Non-Hispanic ^e	21.2	25.6	17.5	0.6*	0.4*	0.1	-	-	-
Black	14.2	17.4	11.8	0.6*	0.0	0.3	0.6*	-0.2	1.9*
Asian/Pacific Islander	13.1	16.1	10.9	0.2	0.1	0.4	-	-	-
Amer Ind/Alaska Nat ^f	12.3	14.1	10.8	2.8*	-	-	-	-	-
Hispanic ^e	17.8	20.5	15.6	0.6*	0.4	1.0*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	6.4	8.2	5.1	-2.7*	-2.7*	-3.1*			
White	6.7	8.5	5.3	-2.9*	-2.7*	-3.1*			
White Hispanic ^e	5.6	6.9	4.6	-1.4*	-1.6*	-1.2*			
White Non-Hispanic ^e	6.8	8.6	5.4	-2.9*	-2.6*	-3.3*			
Black	4.6	5.9	3.6	-2.6*	-2.6*	-2.6*			
Asian/Pacific Islander	4.1	5.2	3.4	-2.0*	-2.2*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	3.6	4.1	3.2	-1.4	-3.5*	-1.2			
CHSDA Counties	4.8	5.4	4.3	0.0	-0.6	0.4			
Non-CHSDA Counties	2.1	2.5	1.8	-11.2	-	-			
Hispanic ^e	5.3	6.5	4.4	-1.6*	-1.7*	-2.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

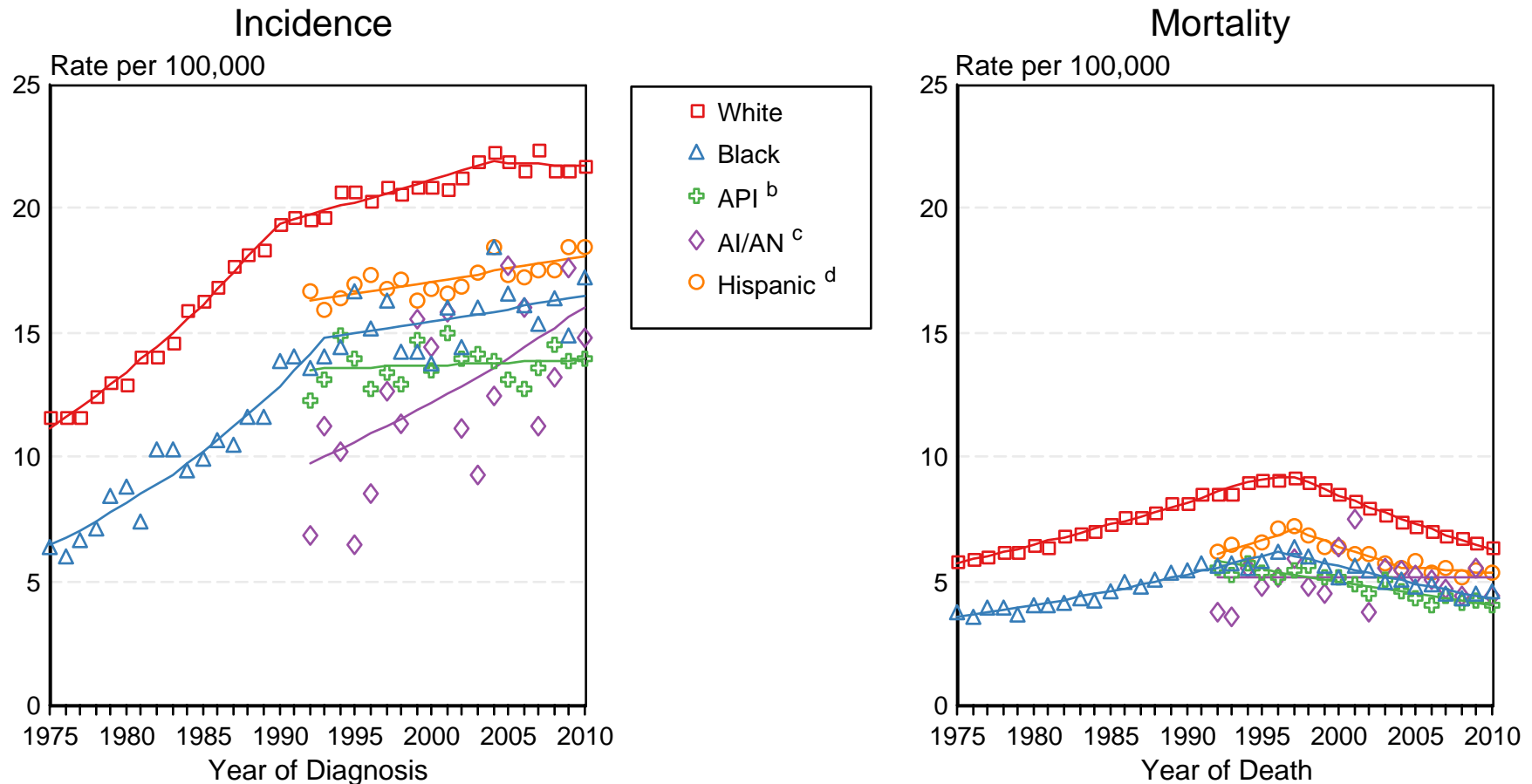
* The APC is significantly different from zero (p<.05).

Figure 19.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 20.19
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	10.8	16.2	6.2	-0.1	0.0	-0.9*	0.1	0.2	-0.8*
White	11.2	16.7	6.3	0.3	0.5	-0.9*	0.4	0.5	-0.8*
White Hispanic ^e	6.7	9.6	4.3	-0.8*	-1.1*	-0.4	-	-	-
White Non-Hispanic ^e	12.0	18.0	6.7	0.5	0.7*	-0.7*	-	-	-
Black	9.6	14.9	5.4	-2.6*	-3.1*	-1.4*	-2.6*	-3.2*	-1.4*
Asian/Pacific Islander	7.6	11.0	4.9	-1.1*	-1.0*	-1.0*	-	-	-
Amer Ind/Alaska Nat ^f	7.4	11.1	4.3	-2.3*	-	-	-	-	-
Hispanic ^e	6.5	9.3	4.2	-0.7*	-1.0*	-0.5	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	2.5	3.8	1.4	-1.3*	-1.2*	-2.1*			
White	2.4	3.6	1.4	-0.8*	-0.7*	-1.9*			
White Hispanic ^e	1.6	2.6	0.8	-2.3*	-1.8*	-1.1*			
White Non-Hispanic ^e	2.5	3.7	1.4	-0.6*	-0.4	-1.7*			
Black	3.0	5.2	1.4	-4.0*	-4.0*	-3.7*			
Asian/Pacific Islander	2.0	3.0	1.2	-2.3*	-2.5*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	1.9	2.6	1.2	-2.1*	-2.7*	-			
CHSDA Counties	2.3	3.4	1.5	-2.0*	-	-			
Non-CHSDA Counties	1.3	1.8	0.9	-	-	-			
Hispanic ^e	1.5	2.5	0.8	-2.4*	-1.9	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

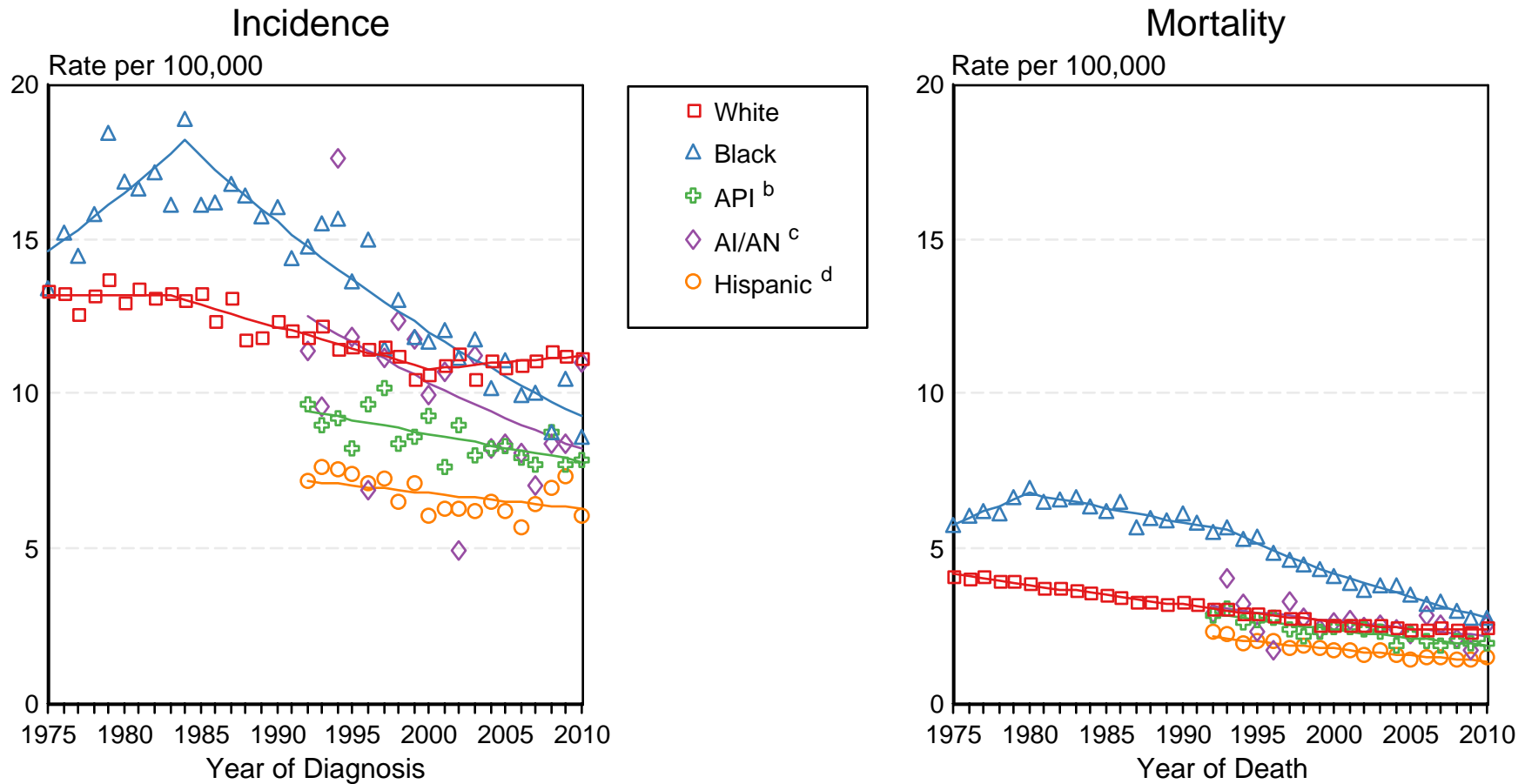
* The APC is significantly different from zero (p<.05).

Figure 20.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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.

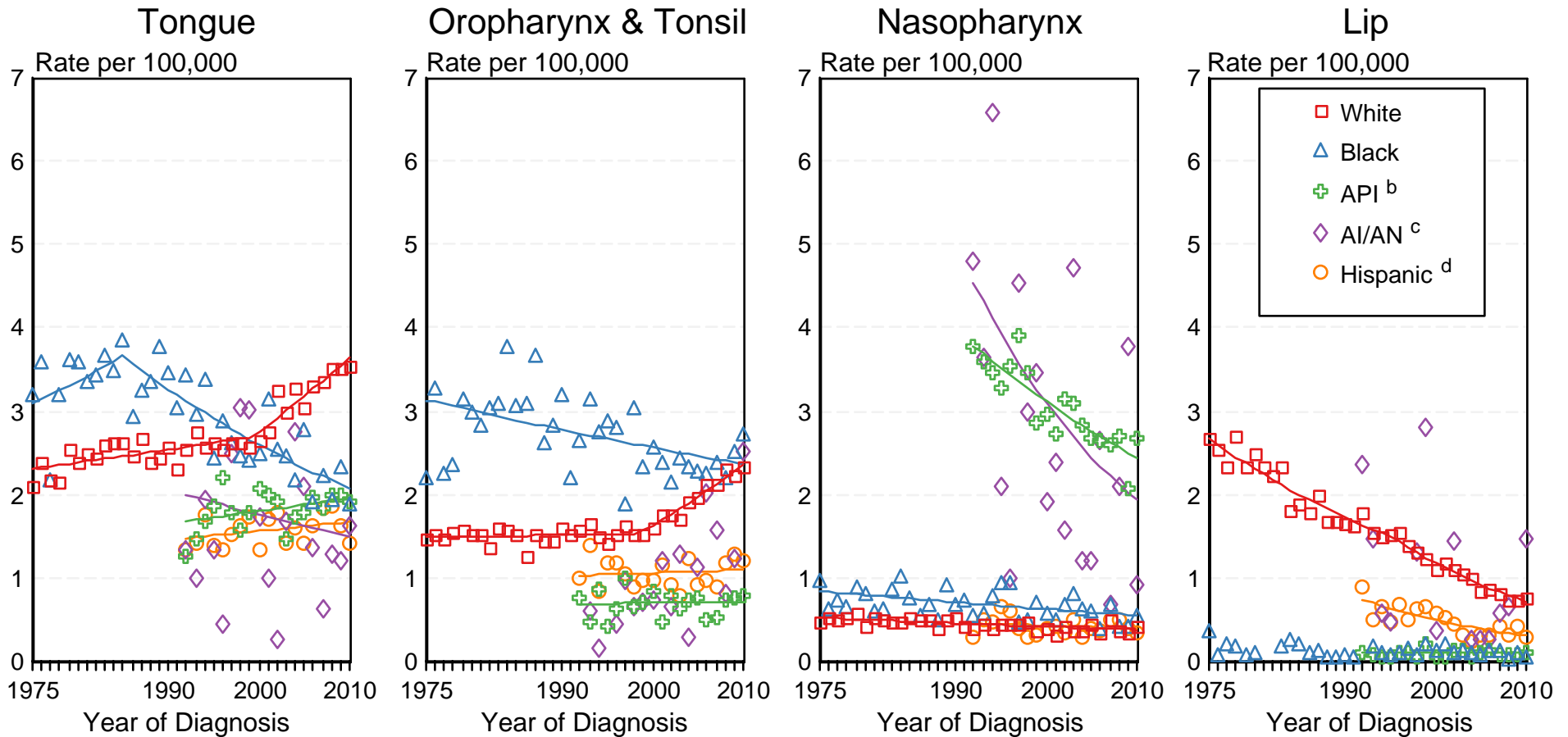
^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, 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 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 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 21.11
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 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	12.5	-1.0*	-1.0*
White	13.3	-1.5*	-1.0*
White Hispanic ^e	11.7	-0.4	-
White Non-Hispanic ^e	13.5	-1.0*	-
Black	9.7	-0.6	-0.5*
Asian/Pacific Islander	9.4	-0.5	-
Amer Ind/Alaska Nat ^f	10.7	-	-
Hispanic ^e	11.3	-0.4	-
<u>U.S. Mortality^g</u>			
	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	8.1	-1.6*	
White	8.4	-1.6*	
White Hispanic ^e	6.1	-0.5	
White Non-Hispanic ^e	8.6	-1.6*	
Black	6.7	-0.9*	
Asian/Pacific Islander	4.8	0.0	
Amer Ind/Alaska Nat			
Total U.S.	5.5	0.3	
CHSDA Counties	7.1	0.8	
Non-CHSDA Counties	3.6	-	
Hispanic ^e	5.8	-0.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

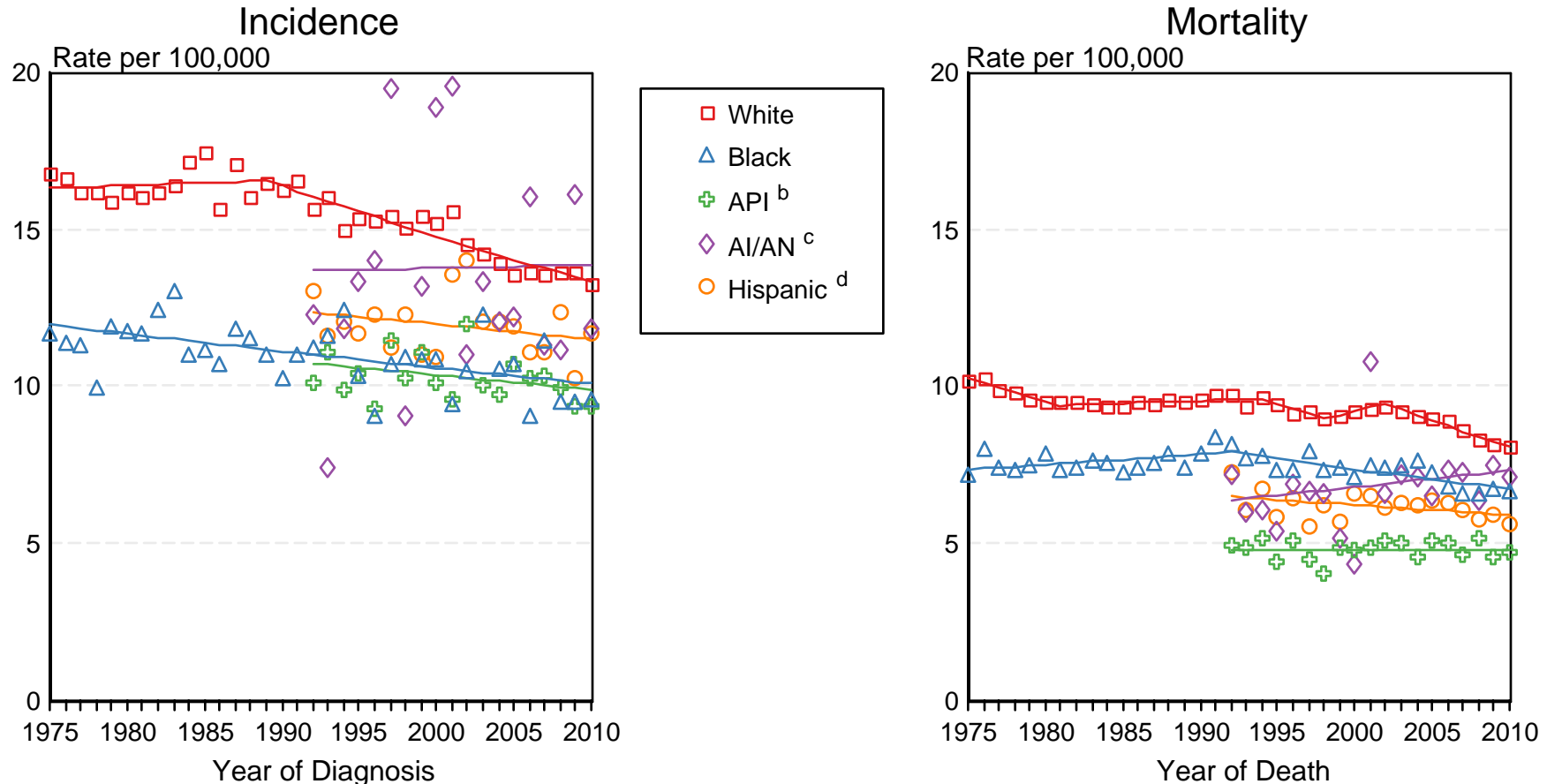
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 21.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 22.15
Cancer of the Pancreas (Invasive)

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

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
<u>RACE/ETHNICITY</u>									
All Races	12.2	13.9	10.9	1.1*	0.7	1.1*	1.2*	0.6	1.4*
White	12.1	13.8	10.7	0.8*	0.7*	1.2*	0.9	0.4	1.5*
White Hispanic ^e	11.7	12.6	10.9	0.7*	0.9	0.5	-	-	-
White Non-Hispanic ^e	12.2	14.0	10.7	1.1*	0.8*	1.4*	-	-	-
Black	15.8	17.6	14.3	1.0	-0.2	-0.2	-0.1	-0.4*	0.1
Asian/Pacific Islander	9.6	10.4	8.9	0.6*	-0.1	1.3*	-	-	-
Amer Ind/Alaska Nat ^f	10.9	11.4	10.5	-	-	-	-	-	-
Hispanic ^e	11.3	12.1	10.6	0.7*	0.9*	0.5	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
<u>RACE/ETHNICITY</u>									
All Races	10.9	12.5	9.6	0.4*	0.3*	0.4*			
White	10.8	12.5	9.4	0.5*	0.4*	0.5*			
White Hispanic ^e	9.0	10.1	8.1	0.4*	0.3	0.5*			
White Non-Hispanic ^e	10.9	12.7	9.5	0.6*	0.5*	0.6*			
Black	13.7	15.3	12.5	-0.4*	-0.8*	-0.4*			
Asian/Pacific Islander	7.6	8.3	7.1	0.4*	0.9	0.6*			
Amer Ind/Alaska Nat									
Total U.S.	6.7	7.3	6.1	0.5	1.7*	-0.2			
CHSDA Counties	9.2	10.1	8.6	2.0*	2.9*	1.4			
Non-CHSDA Counties	3.6	4.1	3.2	-2.1*	-	-			
Hispanic ^e	8.6	9.6	7.7	0.3*	0.1	0.4*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

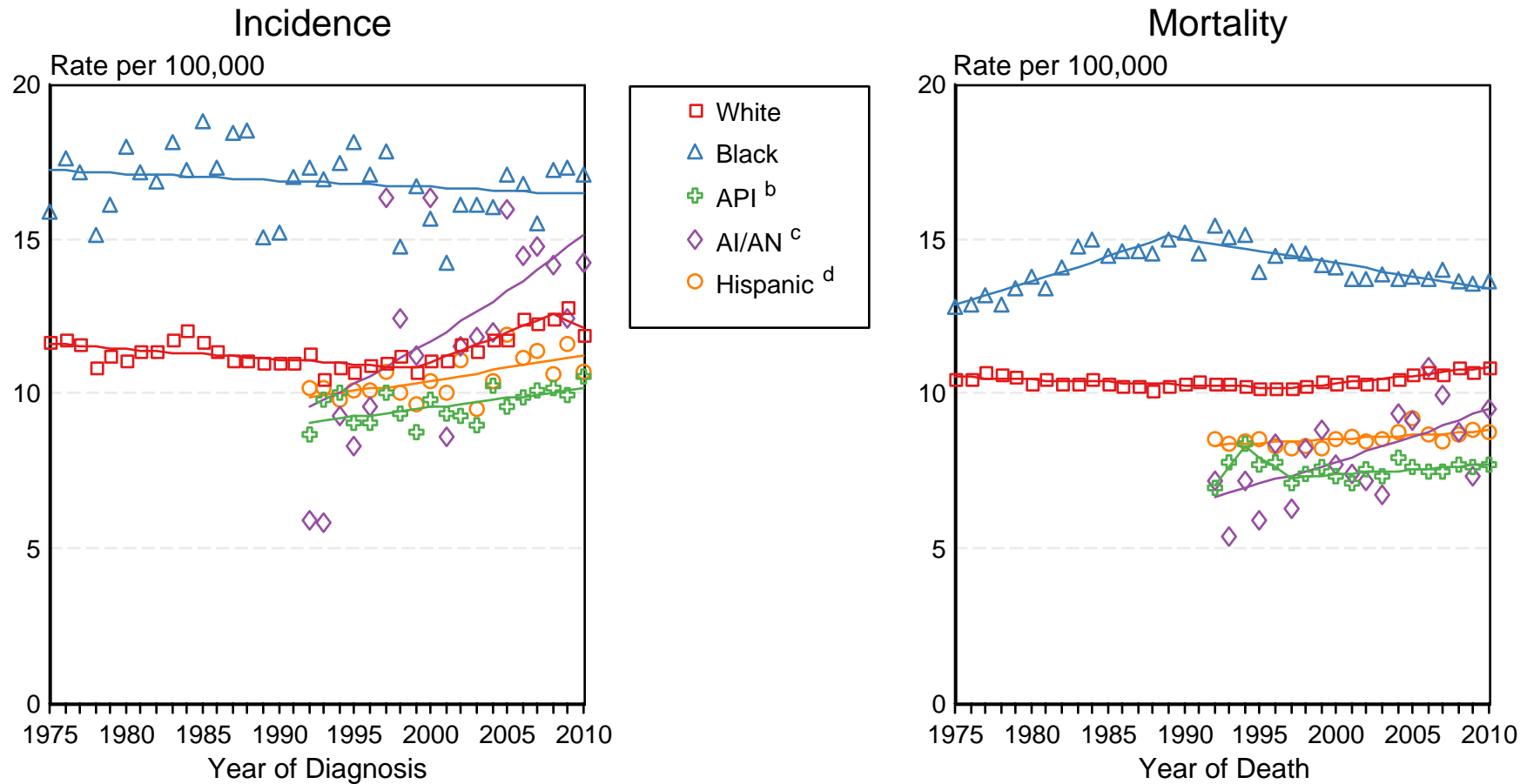
* The APC is significantly different from zero (p<.05).

Figure 22.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 23.11
Cancer of the Prostate (Invasive)

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

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	152.0	-2.2*	-2.0*
White	144.9	-2.6*	-2.5*
White Hispanic ^e	124.9	-3.0*	-
White Non-Hispanic ^e	148.2	-2.3*	-
Black	228.5	-2.0*	-1.8*
Asian/Pacific Islander	81.8	-3.7*	-
Amer Ind/Alaska Nat ^f	77.8	-1.6*	-
Hispanic ^e	125.8	-2.8*	-
<u>U.S. Mortality^g</u>			
	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	23.0	-3.3*	
White	21.2	-3.3*	
White Hispanic ^e	19.8	-2.4*	
White Non-Hispanic ^e	21.3	-3.2*	
Black	50.9	-3.5*	
Asian/Pacific Islander	10.1	-3.5*	
Amer Ind/Alaska Nat			
Total U.S.	16.9	-2.6*	
CHSDA Counties	20.7	-1.7*	
Non-CHSDA Counties	12.3	-3.5*	
Hispanic ^e	19.2	-2.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

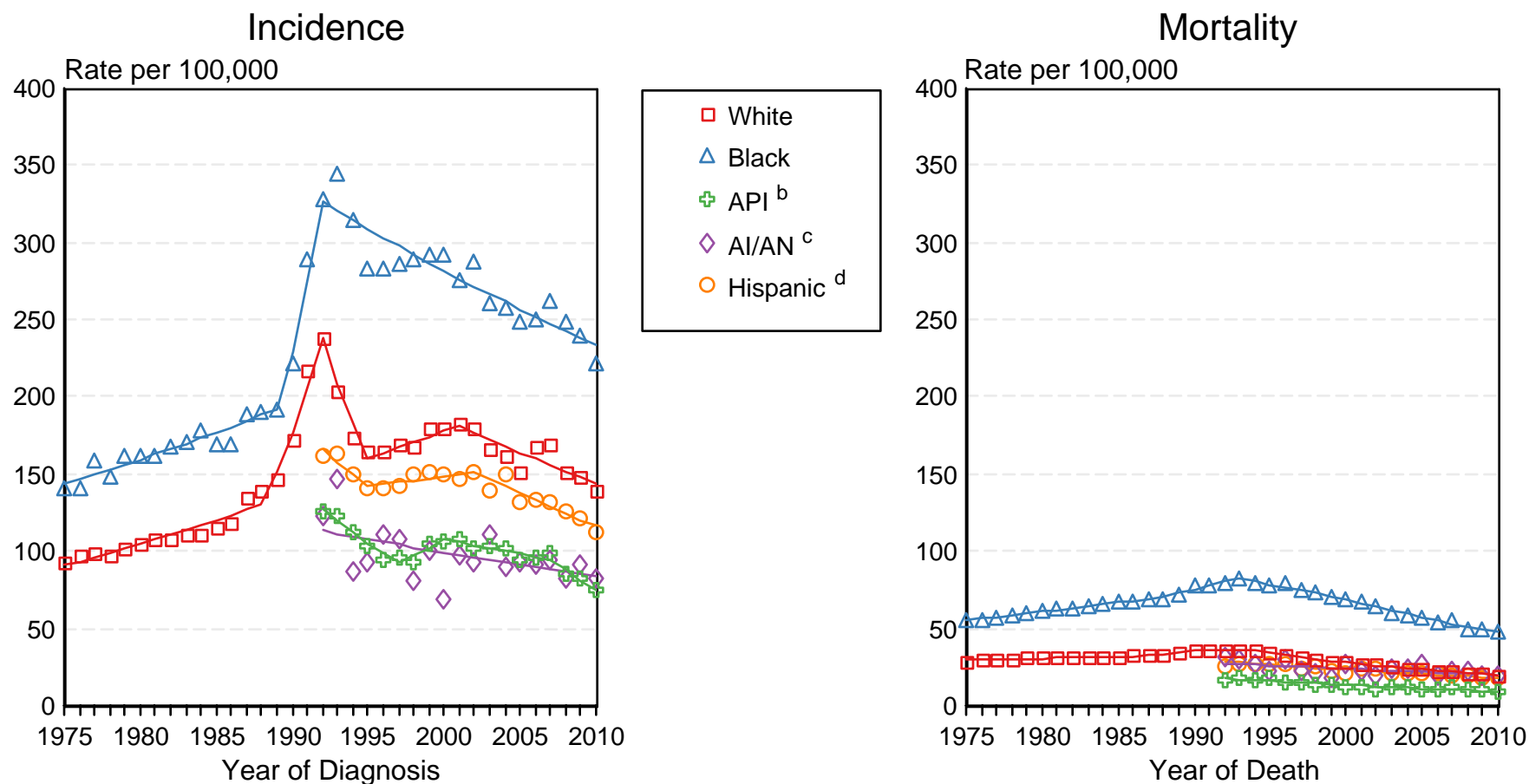
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 23.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 24.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	7.5	10.4	5.3	-1.3*	-1.7*	-0.8*	-1.6*	-1.8*	-1.5*
White	6.6	9.2	4.5	-1.2*	-1.6*	-0.9*	-1.3*	-1.8*	-1.9*
White Hispanic ^e	11.7	15.6	8.9	-1.3*	-1.6*	-1.1*	-	-	-
White Non-Hispanic ^e	5.8	8.3	3.8	-1.6*	-2.0*	-1.6*	-	-	-
Black	11.6	16.1	8.7	-1.7*	-2.2*	-1.1*	-1.4*	-2.0*	-0.9*
Asian/Pacific Islander	11.9	15.5	9.3	-3.0*	-3.0*	-2.6*	-	-	-
Amer Ind/Alaska Nat ^f	10.0	13.1	7.7	-0.4	-0.7	-	-	-	-
Hispanic ^e	11.3	14.9	8.6	-1.3*	-1.6*	-1.1*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	3.5	4.9	2.5	-3.0*	-3.1*	-2.7*			
White	3.1	4.2	2.2	-3.1*	-3.3*	-2.8*			
White Hispanic ^e	6.0	8.0	4.6	-2.1*	-2.3*	-1.8*			
White Non-Hispanic ^e	2.8	3.9	1.9	-3.4*	-3.9*	-3.1*			
Black	6.7	9.8	4.7	-3.1*	-3.1*	-3.0*			
Asian/Pacific Islander	6.6	8.7	5.1	-3.7*	-3.5*	-3.7*			
Amer Ind/Alaska Nat									
Total U.S.	3.8	5.5	2.6	-3.0*	-2.7*	-3.7*			
CHSDA Counties	5.6	8.1	3.8	-4.6*	-1.9*	-5.0*			
Non-CHSDA Counties	1.6	2.4	1.1	-	-	-			
Hispanic ^e	5.7	7.6	4.4	-2.2*	-2.4*	-1.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

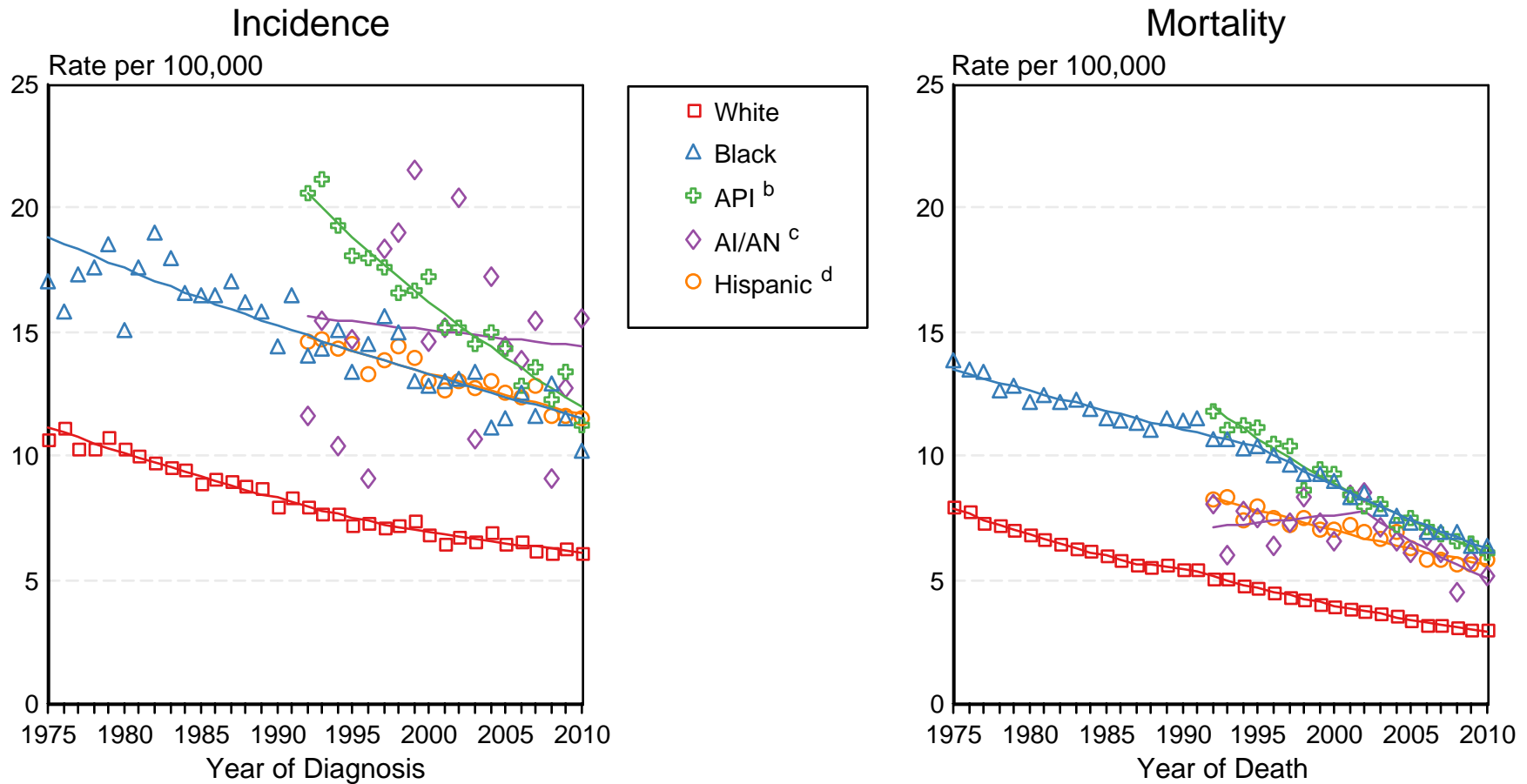
* The APC is significantly different from zero (p<.05).

Figure 24.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 25.11
Cancer of the Testis (Invasive)

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

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	5.5	1.2*	0.9*
White	6.6	1.4*	1.1*
White Hispanic ^e	5.0	3.1*	-
White Non-Hispanic ^e	7.1	0.1	-
Black	1.4	0.7	2.2*
Asian/Pacific Islander	1.9	1.1	-
Amer Ind/Alaska Nat ^f	4.5	-	-
Hispanic ^e	4.7	2.9*	-
<u>U.S. Mortality^g</u>	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	0.2	-0.6*	
White	0.3	-0.5	
White Hispanic ^e	0.3	0.6	
White Non-Hispanic ^e	0.3	-0.4	
Black	0.1	-0.5	
Asian/Pacific Islander	0.1	-	
Amer Ind/Alaska Nat			
Total U.S.	0.1	-	
CHSDA Counties	-	-	
Non-CHSDA Counties	-	-	
Hispanic ^e	0.3	0.5	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, 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 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

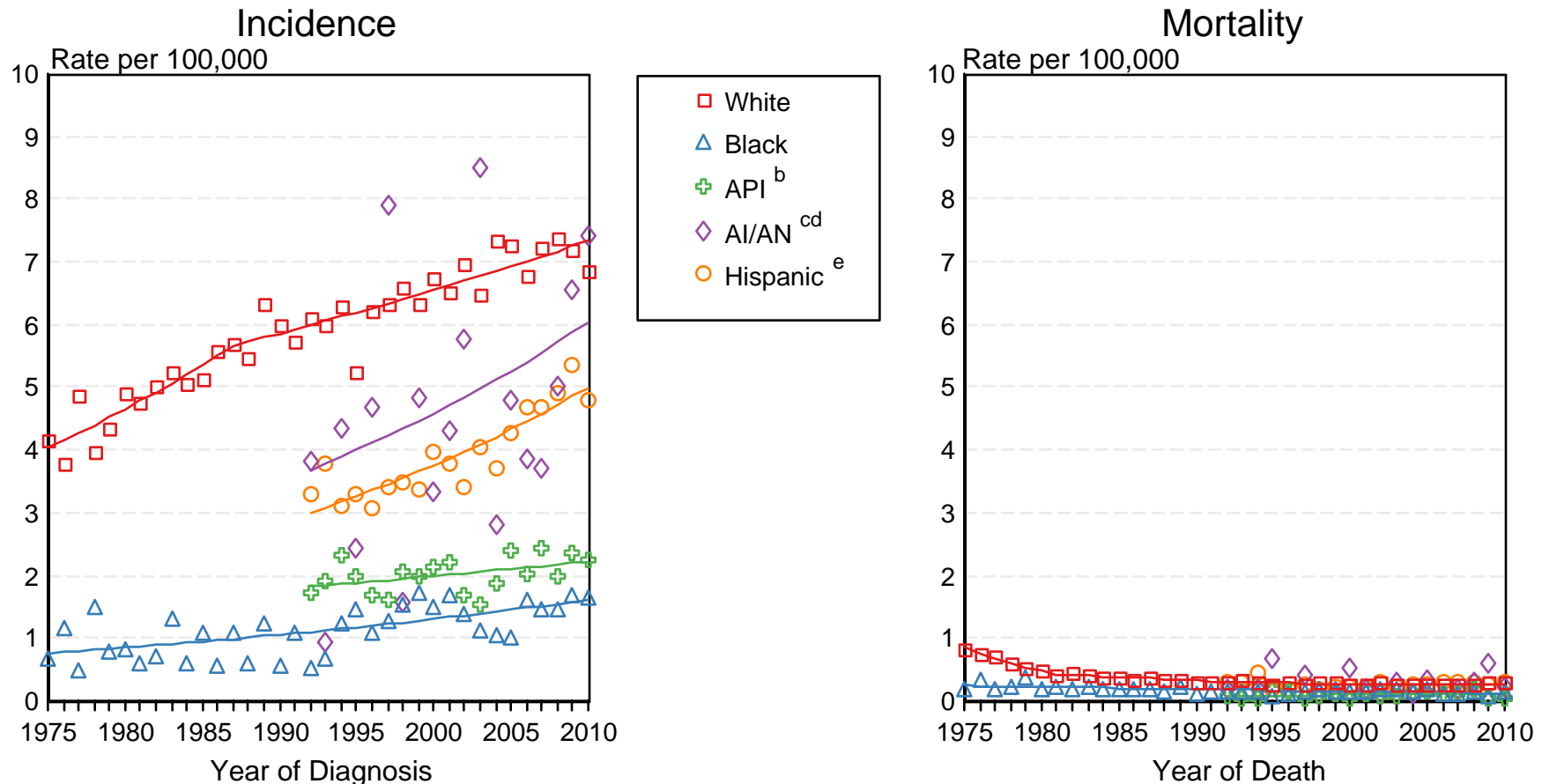
The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 25.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 26.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.2	6.1	18.2	6.2*	5.4*	6.5*	6.4*	5.5*	6.6*
White	13.0	6.6	19.4	6.4*	5.5*	6.6*	6.0*	5.7*	6.3*
White Hispanic ^e	11.0	4.6	17.2	5.2*	3.7*	5.9*	-	-	-
White Non-Hispanic ^e	13.7	7.1	20.3	6.6*	6.0*	6.5*	-	-	-
Black	7.1	3.2	10.5	6.7*	5.4*	7.5*	6.2*	2.9*	5.9*
Asian/Pacific Islander	12.1	5.3	17.9	5.2*	2.7*	5.4*	-	-	-
Amer Ind/Alaska Nat ^f	7.3	3.3	11.0	3.6*	-	-	-	-	-
Hispanic ^e	10.5	4.4	16.4	5.1*	3.8*	5.6*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.5	0.5	0.5	0.9*	1.6*	0.9*			
White	0.5	0.5	0.5	0.8*	1.6*	0.8*			
White Hispanic ^e	0.6	0.6	0.7	0.0	1.9	-1.0*			
White Non-Hispanic ^e	0.5	0.5	0.5	1.0*	1.6*	0.9*			
Black	0.5	0.4	0.6	1.2*	2.0*	1.0			
Asian/Pacific Islander	0.7	0.5	0.9	0.0	-	3.2			
Amer Ind/Alaska Nat									
Total U.S.	0.3	0.3	0.3	-	-	-			
CHSDA Counties	0.5	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.7	-0.2	1.8	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

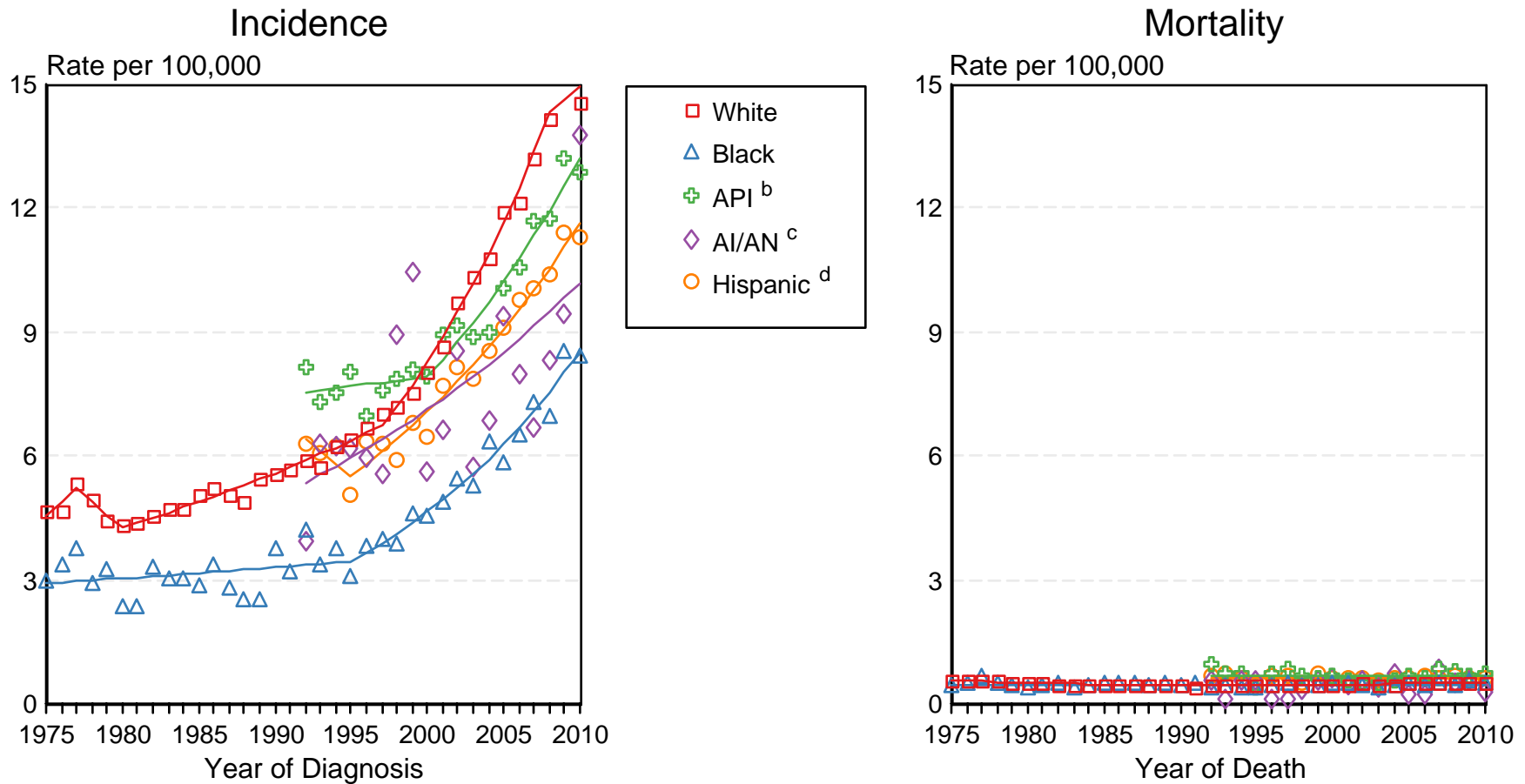
* The APC is significantly different from zero (p<.05).

Figure 26.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Table 27.15
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 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	20.7	36.6	8.9	-0.4	-0.1	-0.9*	-0.3	-0.3	-1.0*
White	22.5	39.8	9.5	-0.4	0.0	-0.9*	-0.2	-0.3	-1.0*
White Hispanic ^e	11.8	20.8	5.3	-1.5	-0.3	-0.6	-	-	-
White Non-Hispanic ^e	24.1	42.4	10.1	0.2*	0.1	-0.7*	-	-	-
Black	12.5	21.0	7.1	0.3	0.6*	-0.1	0.2	0.3*	0.2
Asian/Pacific Islander	9.0	16.1	3.9	0.2	0.5*	0.0	-	-	-
Amer Ind/Alaska Nat ^f	7.8	13.7	3.0	-	-	-	-	-	-
Hispanic ^e	11.5	20.2	5.2	-1.5	-0.3	-0.6	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.4	7.7	2.2	0.2	0.2	-0.5*			
White	4.6	8.1	2.2	0.3*	0.2*	-0.3*			
White Hispanic ^e	2.5	4.2	1.3	-0.2	-0.4	-0.2			
White Non-Hispanic ^e	4.8	8.4	2.3	0.5*	0.4*	-0.1			
Black	3.7	5.5	2.6	-1.0*	-0.8*	-1.2*			
Asian/Pacific Islander	1.7	2.8	0.9	-0.7	0.0	-1.3			
Amer Ind/Alaska Nat									
Total U.S.	2.1	3.5	1.2	2.2*	-	-			
CHSDA Counties	2.4	4.1	1.2	-	-	-			
Non-CHSDA Counties	1.8	2.8	1.1	-	-	-			
Hispanic ^e	2.4	4.0	1.3	-0.3	-0.4	-0.3			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

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

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

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

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

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

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

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

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina 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.

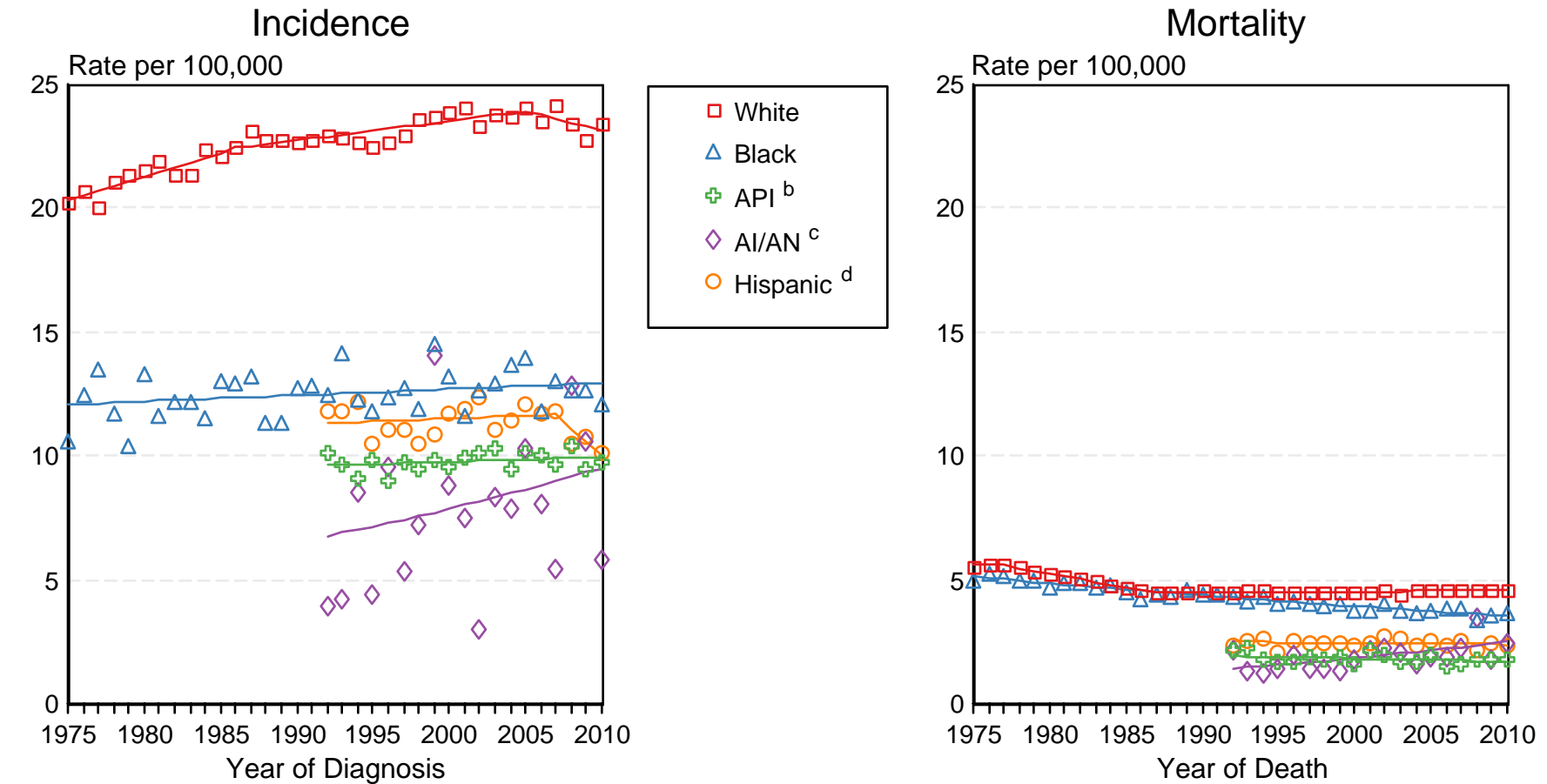
h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

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

Figure 27.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2010
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 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.

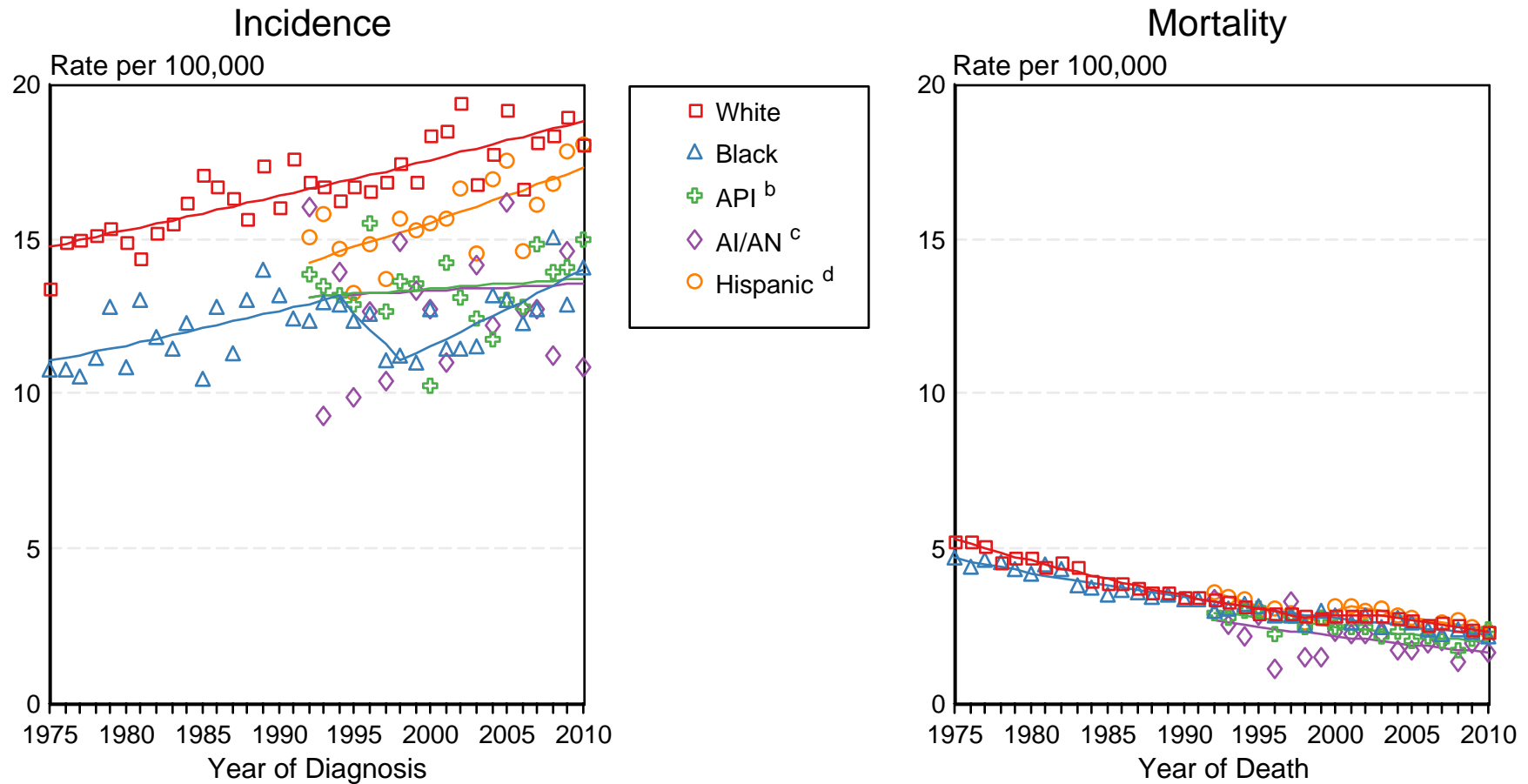
^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from Connecticut, the District of Columbia,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

Figure 28.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2010

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2010



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 4.0.3, April 2013, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2010 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2010 allow a maximum of 3 joinpoints.

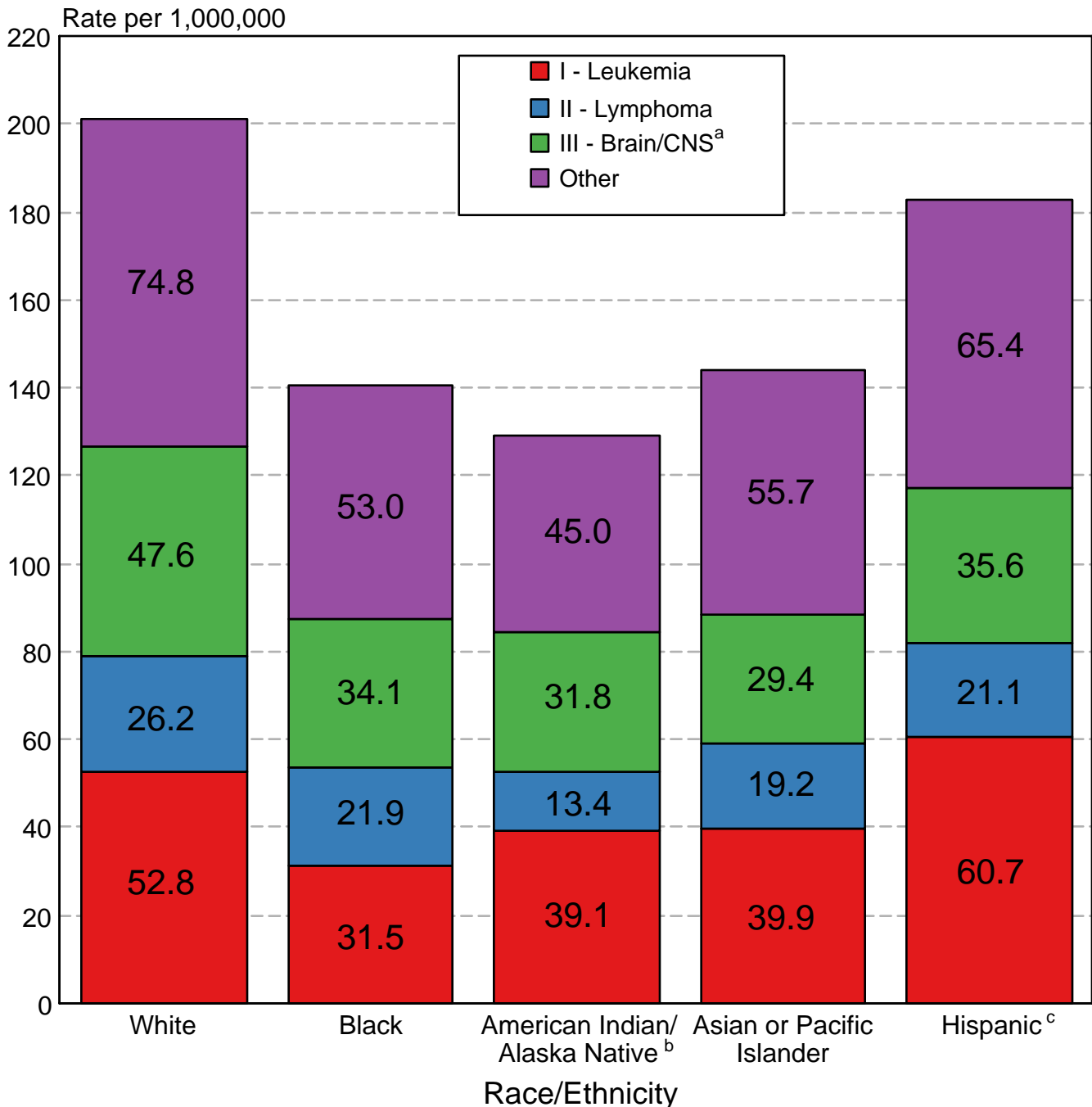
^b API = Asian/Pacific Islander.

^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, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, South Carolina, Oklahoma, and Vermont.

Figure 29.2

Childhood Cancer: SEER Incidence Rates 2006- 2010 by ICCC Group and Race/Ethnicity (includes myelodysplastic syndromes and Group III benign brain) Both Sexes, Under 20 Years of Age



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG). Incidence rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

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.

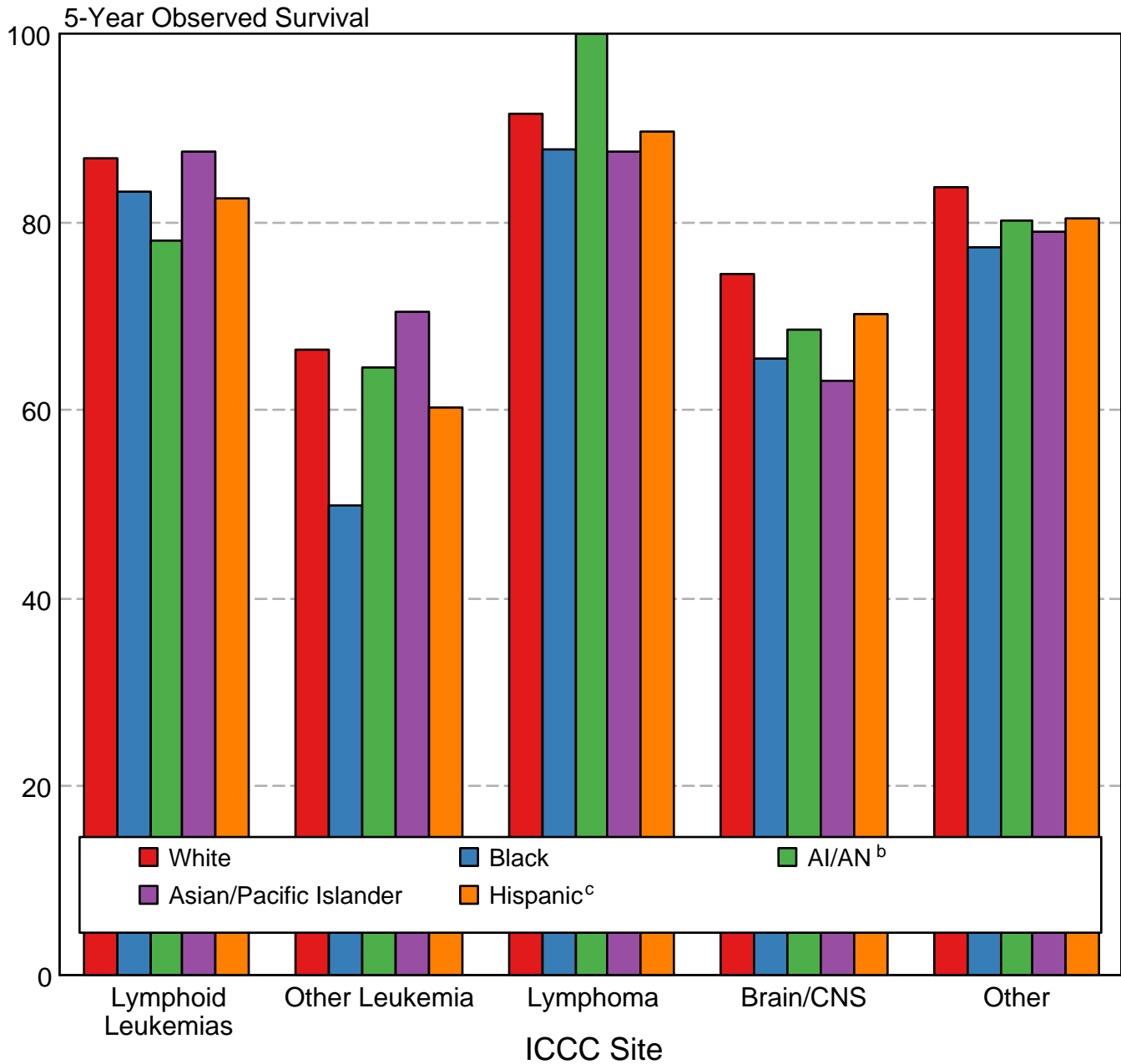
^a Rate for Group III (Brain/CNS) includes benign brain tumors.

^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.

Figure 29.3

Childhood Cancer 5-Year Observed Survival (%) by ICCC Group^a and Race/Ethnicity Both Sexes, Under 20 Years of Age, 2003-2009



Source: SEER 18 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, New Jersey and Georgia excluding ATL/RG).

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.