

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 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015
All Sites	439.2	-1.2*	448.8	-1.2*	453.4	-1.7*
Breast	67.5	0.0	68.1	-0.1	76.4	-5.2*
Lung and Bronchus	54.6	-2.4*	56.1	-2.4*	72.0	0.3
Prostate ^f	51.5	-5.7*	48.9	-6.2*	61.4	-2.6*
Colon and Rectum	39.4	-2.7*	38.8	-2.6*	47.6	-3.3*
Melanoma of the Skin	22.8	1.5*	27.3	1.5*	18.3	0.7
Urinary Bladder	19.5	-1.3*	21.5	-1.3*	15.5	-0.5
Non-Hodgkin Lymphoma	19.4	-0.5*	20.3	-0.7*	14.4	-0.2
Kidney and Renal Pelvis	15.9	0.5*	16.3	0.5*	14.3	2.1*
Thyroid	14.5	3.3*	15.3	3.2*	13.4	0.8
Leukemia	13.8	0.3	14.6	0.2	12.3	-0.8*
Corpus and Uterus, NOS ^f	13.8	1.2*	14.0	1.0*	11.0	0.9
Pancreas	12.6	0.5*	12.6	0.6*	10.5	2.5*
Oral Cavity and Pharynx	11.3	0.6*	11.9	0.9*	10.1	-2.8*
Liver & IBD ^g	8.8	2.5*	8.0	3.1*	9.0	-1.6*
Stomach	7.2	-0.9*	7.1	-0.4	8.9	4.2*
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015
All Sites	297.9	-1.2*	315.1	-0.9*	336.3	-1.1*
Breast	55.3	1.1*	44.4	0.5	50.0	0.5
Lung and Bronchus	35.6	-1.6*	41.8	0.4	40.9	-6.1*
Colon and Rectum	33.0	-2.9*	37.3	-2.7*	33.5	-2.2*
Prostate ^f	25.9	-7.0*	24.3	-6.9*	27.8	-2.5*
Thyroid	14.0	2.6*	17.2	-3.1*	17.5	-0.2
Non-Hodgkin Lymphoma	13.6	0.0	13.5	0.9	15.9	1.0*
Liver & IBD ^g	13.1	-2.0*	11.8	-1.9	13.3	1.7*
Corpus and Uterus, NOS ^f	11.4	1.9*	10.4	-0.2	12.5	4.0*
Stomach	10.3	-3.0*	10.2	0.2	11.9	3.1*
Pancreas	10.0	0.2	9.3	-1.9	11.2	0.2
Urinary Bladder	8.6	-1.5*	9.3	4.4*	10.8	-1.6*
Kidney and Renal Pelvis	8.5	0.7	9.0	1.2	10.6	-0.2
Leukemia	7.8	0.1	8.8	0.2	10.2	-1.6*
Oral Cavity and Pharynx	7.8	0.0	8.3	1.1	6.5	-0.2
Ovary ^{fh}	5.3	-0.4	5.8	4.5	6.2	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 2011-2015 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
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015
All Sites	483.0	-2.2*	All Sites	488.5	-2.2*	All Sites	535.0	-3.1*
Prostate	112.6	-6.0*	Prostate	105.7	-6.5*	Prostate	178.3	-5.5*
Lung and Bronchus	63.8	-3.1*	Lung and Bronchus	63.9	-3.1*	Lung and Bronchus	81.2	-3.4*
Colon and Rectum	45.2	-2.8*	Colon and Rectum	44.4	-2.9*	Colon and Rectum	55.5	-3.3*
Urinary Bladder	34.3	-1.5*	Urinary Bladder	37.6	-1.5*	Kidney and Renal Pelvis	25.3	0.7
Melanoma of the Skin	29.8	1.6*	Melanoma of the Skin	35.2	1.6*	Urinary Bladder	20.6	-0.8
Non-Hodgkin Lymphoma	23.6	-0.4*	Non-Hodgkin Lymphoma	24.7	-0.5*	Non-Hodgkin Lymphoma	17.5	-0.1
Kidney and Renal Pelvis	21.7	0.5	Kidney and Renal Pelvis	22.2	0.5	Liver & IBD ^f	17.3	2.6*
Leukemia	17.6	0.3	Leukemia	18.6	0.2	Pancreas	16.9	-0.4
Oral Cavity and Pharynx	17.1	0.8*	Oral Cavity and Pharynx	18.0	1.1*	Myeloma	15.9	0.4
Pancreas	14.4	0.5*	Pancreas	14.4	0.6*	Leukemia	14.0	0.5
Liver & IBD ^f	13.6	2.3*	Liver & IBD ^f	12.2	2.8*	Oral Cavity and Pharynx	14.0	-1.8*
Stomach	9.8	-1.2*	Stomach	8.9	-0.9*	Stomach	13.6	-3.3*
Myeloma	8.4	1.2*	Brain and ONS ^f	8.3	-0.5*	Larynx	8.3	-3.2*
Brain and ONS ^f	7.5	-0.6*	Myeloma	7.9	1.2*	Esophagus	6.4	-5.3*
Thyroid	7.3	3.5*	Thyroid	7.8	3.4*	Brain and ONS ^f	4.8	-0.5
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015
All Sites	303.5	-2.6*	All Sites	325.6	-1.7*	All Sites	362.9	-2.6*
Prostate	59.1	-7.2*	Prostate	54.8	-7.1*	Prostate	91.8	-6.5*
Lung and Bronchus	45.9	-2.3*	Lung and Bronchus	45.4	-2.4*	Colon and Rectum	39.7	-2.7*
Colon and Rectum	39.3	-2.7*	Colon and Rectum	45.1	0.2	Lung and Bronchus	34.1	-3.5*
Liver & IBD ^f	20.2	-1.8*	Kidney and Renal Pelvis	22.6	-3.3*	Kidney and Renal Pelvis	20.7	0.5
Non-Hodgkin Lymphoma	16.7	0.1	Liver & IBD ^f	18.5	0.3	Non-Hodgkin Lymphoma	20.2	-0.5
Urinary Bladder	15.0	-1.9*	Urinary Bladder	14.7	-1.5	Liver & IBD ^f	19.8	1.3*
Stomach	13.6	-3.0*	Stomach	13.7	-0.1	Urinary Bladder	18.9	-1.9*
Kidney and Renal Pelvis	12.2	1.1	Non-Hodgkin Lymphoma	12.9	-2.5	Leukemia	12.8	-0.3
Oral Cavity and Pharynx	11.1	-0.1	Oral Cavity and Pharynx	12.3	0.9	Stomach	12.8	-2.7*
Pancreas	11.0	0.2	Pancreas	11.3	-	Pancreas	12.0	-0.2
Leukemia	9.7	0.1	Leukemia	10.6	2.7	Oral Cavity and Pharynx	9.6	-0.3
Thyroid	7.0	4.4*	Myeloma	6.2	-	Myeloma	7.6	1.2
Myeloma	4.9	0.7	Testis	5.6	5.2	Brain and ONS ^f	5.7	-0.6
Brain and ONS ^f	4.3	-0.5	Esophagus	5.1	-	Testis	5.3	2.6*
Esophagus	3.3	-2.3	Melanoma of the Skin	5.0	-	Thyroid	5.3	3.5*

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 2011-2015 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
	2011-2015	2006-2015			2011-2015	2006-2015			2011-2015	2006-2015	
All Sites	409.9	-0.2*		All Sites	423.1	-0.2*		All Sites	397.8	-0.4*	
Breast	126.0	0.2		Breast	128.6	0.0		Breast	126.9	0.4	
Lung and Bronchus	47.8	-1.8*		Lung and Bronchus	50.2	-1.7*		Lung and Bronchus	47.9	-1.8*	
Colon and Rectum	34.5	-2.6*		Colon and Rectum	34.0	-2.4*		Colon and Rectum	41.9	-3.4*	
Corpus and Uterus, NOS	26.0	1.4*		Corpus and Uterus, NOS	26.6	1.2*		Corpus and Uterus, NOS	25.4	2.3*	
Thyroid	21.4	3.3*		Thyroid	22.8	3.2*		Pancreas	14.3	-0.4	
Melanoma of the Skin	17.7	1.3*		Melanoma of the Skin	21.5	1.3*		Thyroid	13.4	4.6*	
Non-Hodgkin Lymphoma	15.9	-0.7*		Non-Hodgkin Lymphoma	16.8	-0.8*		Kidney and Renal Pelvis	12.8	0.6	
Ovary ^g	11.6	-1.8*		Ovary ^g	12.1	-1.9*		Non-Hodgkin Lymphoma	12.1	-0.2	
Pancreas	11.2	0.5*		Leukemia	11.4	0.1		Myeloma	11.6	0.9	
Kidney and Renal Pelvis	10.9	0.3		Kidney and Renal Pelvis	11.3	0.4		Ovary ^g	9.3	-1.4*	
Leukemia	10.8	0.2		Pancreas	11.1	0.6*		Leukemia	9.0	1.3*	
Urinary Bladder	8.3	-1.4*		Urinary Bladder	8.9	-1.4*		Cervix Uteri	8.4	-2.6*	
Cervix Uteri	7.4	-1.4*		Cervix Uteri	7.4	-1.2*		Stomach	7.7	-2.6*	
Oral Cavity and Pharynx	6.3	0.1		Oral Cavity and Pharynx	6.5	0.2		Urinary Bladder	6.7	-1.2*	
Brain and ONS ^f	5.4	-0.3		Brain and ONS ^f	6.0	-0.2		Oral Cavity and Pharynx	5.1	-1.3	
Asian/Pacific Islander				American Indian/Alaska Native^d				Hispanic^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c			
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015			
All Sites	298.3	-0.1		All Sites	311.4	-0.2		All Sites	322.9	0.3*	
Breast	100.6	1.2*		Breast	82.6	0.6		Breast	93.7	0.6*	
Lung and Bronchus	28.0	-0.8		Colon and Rectum	39.2	0.7		Colon and Rectum	28.6	-1.7*	
Colon and Rectum	28.0	-3.2*		Lung and Bronchus	31.2	-3.2		Lung and Bronchus	23.2	-1.5*	
Corpus and Uterus, NOS	20.8	1.9*		Corpus and Uterus, NOS	19.6	-0.1		Corpus and Uterus, NOS	22.5	3.3*	
Thyroid	20.2	2.2*		Thyroid	14.3	4.9*		Thyroid	19.6	4.3*	
Non-Hodgkin Lymphoma	11.1	-0.1		Kidney and Renal Pelvis	13.0	-2.5		Non-Hodgkin Lymphoma	15.3	0.2	
Ovary ^g	9.6	-0.3		Non-Hodgkin Lymphoma	10.8	-1.6		Kidney and Renal Pelvis	11.9	1.6*	
Pancreas	9.2	0.2		Ovary ^g	9.0	-5.0*		Pancreas	10.5	0.6	
Stomach	7.9	-3.1*		Liver & IBD ^f	8.9	2.0		Ovary ^g	10.4	-1.2	
Liver & IBD ^f	7.4	-2.2*		Cervix Uteri	8.1	1.7		Cervix Uteri	8.9	-3.6*	
Leukemia	6.4	-0.1		Pancreas	7.8	-5.8*		Leukemia	8.8	-0.3	
Cervix Uteri	6.1	-2.2*		Stomach	7.3	0.3		Stomach	8.3	-0.2	
Kidney and Renal Pelvis	5.6	0.0		Leukemia	6.5	-1.0		Liver & IBD ^f	7.7	2.6*	
Oral Cavity and Pharynx	5.1	0.2		Oral Cavity and Pharynx	6.1	-		Myeloma	5.0	1.0	
Urinary Bladder	3.9	-0.1		Myeloma	5.5	-		Urinary Bladder	4.8	-1.4*	

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

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

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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 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015
All Sites	163.5	-1.5*	163.8	-1.4*	189.8	-2.1*
Lung and Bronchus	43.4	-2.6*	44.1	-2.5*	46.2	-3.0*
Colon and Rectum	14.5	-2.4*	14.1	-2.3*	19.4	-3.1*
Breast	11.6	-1.8*	11.2	-1.8*	16.8	-1.7*
Pancreas	10.9	0.1	10.8	0.2*	14.6	-3.8*
Prostate ^f	7.9	-2.4*	7.4	-2.1*	13.3	-0.5*
Leukemia	6.7	-1.3*	6.9	-1.1*	8.3	2.2*
Liver & IBD ^g	6.4	2.6*	6.0	-2.2*	6.2	-0.4
Non-Hodgkin Lymphoma	5.7	-2.3*	6.0	2.8*	5.7	-3.1*
Urinary Bladder	4.4	-0.1	4.8	0.6*	5.6	-1.9*
Brain and ONS ^g	4.4	0.6*	4.6	0.0	4.9	1.8*
Esophagus	4.0	-1.1*	4.3	-0.5*	4.2	-1.7*
Ovary ^f	4.0	-2.6*	4.1	-2.7*	3.7	-1.4*
Kidney and Renal Pelvis	3.8	-0.7*	4.0	-0.5*	3.7	-1.1*
Myeloma	3.3	-0.5	3.1	-0.4	3.5	-0.9
Stomach	3.2	-2.1*	3.0	-0.8	3.5	-4.8*
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015	Rate ^b 2011-2015	APC ^c 2006-2015
All Sites	101.3	-1.3*	150.4	-1.1*	114.6	-1.2*
Lung and Bronchus	23.3	-1.9*	36.7	-1.7*	18.8	-2.4*
Colon and Rectum	10.1	-2.0*	16.5	-0.1	11.4	-2.1*
Liver & IBD ^g	9.5	-0.5	10.6	2.7*	9.1	1.3*
Pancreas	7.7	0.1	8.8	-1.3	8.5	-0.1
Breast	6.4	-0.1	8.0	-0.3	7.9	-0.9*
Stomach	5.3	-4.0*	8.0	-1.9*	6.5	-2.7*
Non-Hodgkin Lymphoma	3.9	-1.0*	6.0	-1.6	5.1	-2.0*
Leukemia	3.7	-1.1	5.2	-2.2	4.8	-1.9*
Prostate ^f	3.5	-2.5*	4.4	-1.1	4.8	-0.5
Ovary ^f	2.4	-2.0*	4.3	-1.1	3.5	-0.3
Brain and ONS ^g	2.1	2.8*	3.5	-1.8	3.0	-2.0*
Oral Cavity and Pharynx	2.0	0.3	3.5	0.3	2.9	0.9*
Kidney and Renal Pelvis	1.8	-1.7*	3.0	1.5	2.8	-0.7
Urinary Bladder	1.7	0.5	2.5	-0.1	2.3	-0.4
Corpus and Uterus, NOS ^f	1.6	2.0*	2.3	-0.1	2.1	-1.9*

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

^a Top 15 cancer sites selected based on 2011-2015 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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^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.

^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.

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

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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

All Races	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c	All Sites	Rate ^b		APC ^c
	2011-2015	2006-2015			2011-2015	2006-2015			2011-2015	2006-2015	
All Sites	196.7	-1.8*		All Sites	196.4	-1.6*		All Sites	239.9	-2.8*	
Lung and Bronchus	53.8	-3.3*		Lung and Bronchus	53.9	-3.2*		Lung and Bronchus	65.1	-3.7*	
Prostate	19.5	-3.1*		Prostate	18.2	-2.9*		Prostate	39.9	-4.5*	
Colon and Rectum	17.3	-2.5*		Colon and Rectum	16.8	-2.4*		Colon and Rectum	24.4	-3.2*	
Pancreas	12.6	0.1		Pancreas	12.6	0.2*		Pancreas	14.8	-0.3	
Liver & IBD ^f	9.4	2.5*		Leukemia	9.3	-1.1*		Liver & IBD ^f	13.2	2.2*	
Leukemia	9.0	-1.3*		Liver & IBD ^f	8.7	2.7*		Stomach	8.3	-3.0*	
Urinary Bladder	7.6	-0.3*		Urinary Bladder	8.0	-0.2		Myeloma	7.5	-1.0*	
Non-Hodgkin Lymphoma	7.4	-2.0*		Non-Hodgkin Lymphoma	7.7	-1.9*		Leukemia	7.4	-2.3*	
Esophagus	7.2	-1.1*		Esophagus	7.6	-0.6*		Esophagus	5.8	-5.3*	
Kidney and Renal Pelvis	5.6	-0.4*		Kidney and Renal Pelvis	5.8	-0.3*		Kidney and Renal Pelvis	5.5	-0.7	
Brain and ONS ^f	5.3	0.5*		Brain and ONS ^f	5.8	0.6*		Non-Hodgkin Lymphoma	5.4	-1.8*	
Stomach	4.3	-2.4*		Melanoma of the Skin	4.5	-0.9*		Urinary Bladder	5.3	-0.4	
Myeloma	4.2	-0.5*		Myeloma	4.0	-0.4		Oral Cavity and Pharynx	4.8	-2.3*	
Melanoma of the Skin	3.9	-1.1*		Oral Cavity and Pharynx	3.8	0.9*		Larynx	3.3	-3.5*	
Oral Cavity and Pharynx	3.9	0.5		Stomach	3.7	-2.4*		Brain and ONS ^f	3.2	1.4	
Asian/Pacific Islander				American Indian/Alaska Native ^d				Hispanic ^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c			
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015			
All Sites	120.4	-1.7*		All Sites	181.4	-0.8		All Sites	140.0	-1.6*	
Lung and Bronchus	31.0	-2.7*		Lung and Bronchus	45.0	-1.9		Lung and Bronchus	26.4	-3.3*	
Liver & IBD ^f	14.0	-0.6*		Colon and Rectum	20.2	1.8		Prostate	16.1	-3.2*	
Colon and Rectum	12.0	-1.8*		Prostate	19.7	-0.9		Colon and Rectum	14.6	-1.7*	
Prostate	8.7	-2.7*		Liver & IBD ^f	14.8	2.5*		Liver & IBD ^f	13.0	1.0*	
Pancreas	8.3	-0.3		Pancreas	9.6	-0.5		Pancreas	9.5	-0.4	
Stomach	6.8	-4.4*		Kidney and Renal Pelvis	8.4	-1.4		Stomach	6.7	-2.3*	
Non-Hodgkin Lymphoma	5.0	-1.0		Stomach	7.3	-3.0		Non-Hodgkin Lymphoma	6.1	-1.4*	
Leukemia	4.9	-0.5		Esophagus	5.9	1.5		Leukemia	6.0	-0.5	
Oral Cavity and Pharynx	3.0	0.7		Non-Hodgkin Lymphoma	5.6	0.5		Kidney and Renal Pelvis	5.0	-0.6	
Urinary Bladder	2.9	0.6		Leukemia	5.5	-2.1		Urinary Bladder	3.9	-0.6	
Esophagus	2.8	-2.1*		Oral Cavity and Pharynx	3.7	0.1		Esophagus	3.9	-2.1*	
Kidney and Renal Pelvis	2.6	-1.3		Urinary Bladder	3.6	-2.5		Brain and ONS ^f	3.4	1.1*	
Brain and ONS ^f	2.5	1.8		Myeloma	3.4	-0.3		Myeloma	3.4	-0.6	
Myeloma	2.0	-1.8		Brain and ONS ^f	3.0	1.3		Oral Cavity and Pharynx	2.4	-0.2	
Soft Tissue including Heart	1.0	0.8		Soft Tissue including Heart	1.5	-		Larynx	1.5	-2.1*	

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

^a Top 15 cancer sites selected based on 2011-2015 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.

^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
	2011-2015	2006-2015			2011-2015	2006-2015			2011-2015	2006-2015	
All Sites	139.5	-1.4*		All Sites	140.0	-1.3*		All Sites	159.0	-1.6*	
Lung and Bronchus	35.4	-2.0*		Lung and Bronchus	36.6	-1.9*		Lung and Bronchus	33.5	-2.2*	
Breast	20.9	-1.6*		Breast	20.3	-1.6*		Breast	28.6	-1.5*	
Colon and Rectum	12.2	-2.5*		Colon and Rectum	11.9	-2.4*		Colon and Rectum	16.0	-3.3*	
Pancreas	9.5	0.0		Pancreas	9.4	0.1		Pancreas	12.2	-0.6*	
Ovary	7.2	-2.4*		Ovary	7.5	-2.5*		Corpus and Uterus, NOS	8.3	2.1*	
Leukemia	5.0	-1.4*		Leukemia	5.2	-1.3*		Ovary	6.3	-1.2*	
Corpus and Uterus, NOS	4.6	1.6*		Non-Hodgkin Lymphoma	4.6	-2.7*		Myeloma	5.5	0.0	
Non-Hodgkin Lymphoma	4.5	-2.7*		Corpus and Uterus, NOS	4.3	1.5*		Liver & IBD ^f	4.6	2.2*	
Liver & IBD ^f	3.8	2.5*		Brain and ONS ^f	3.9	0.6*		Leukemia	4.5	-1.6*	
Brain and ONS ^f	3.5	0.6*		Liver & IBD ^f	3.6	2.7*		Stomach	3.9	-3.5*	
Myeloma	2.7	-0.6		Kidney and Renal Pelvis	2.5	-1.4*		Cervix Uteri	3.7	-2.6*	
Kidney and Renal Pelvis	2.4	-1.5*		Myeloma	2.4	-0.7*		Non-Hodgkin Lymphoma	3.4	-1.5*	
Stomach	2.3	-2.0*		Urinary Bladder	2.2	-0.3		Urinary Bladder	2.4	-2.0*	
Cervix Uteri	2.3	-0.7*		Cervix Uteri	2.2	-0.2		Kidney and Renal Pelvis	2.4	-1.8*	
Urinary Bladder	2.2	-0.6*		Stomach	2.0	-1.7*		Brain and ONS ^f	2.1	1.2	
Asian/Pacific Islander				American Indian/Alaska Native ^d				Hispanic ^e			
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c			
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015			
All Sites	87.7	-1.0*		All Sites	127.6	-1.5*		All Sites	96.7	-1.0*	
Lung and Bronchus	17.7	-0.9*		Lung and Bronchus	30.6	-1.6*		Breast	14.2	-0.8*	
Breast	11.3	-0.1		Breast	14.3	-1.6*		Lung and Bronchus	13.3	-1.2*	
Colon and Rectum	8.6	-2.4*		Colon and Rectum	13.6	-2.1		Colon and Rectum	9.0	-2.8*	
Pancreas	7.3	0.4		Pancreas	8.0	-2.5		Pancreas	7.7	0.1	
Liver & IBD ^f	6.0	-0.4		Liver & IBD ^f	7.0	2.7		Liver & IBD ^f	5.9	1.6*	
Ovary	4.3	-1.8*		Ovary	6.3	-1.4		Ovary	5.3	-1.8*	
Stomach	4.2	-3.7*		Kidney and Renal Pelvis	4.1	-1.8		Stomach	4.0	-1.7*	
Non-Hodgkin Lymphoma	3.2	-0.9		Corpus and Uterus, NOS	3.6	0.5		Non-Hodgkin Lymphoma	3.9	-2.5*	
Corpus and Uterus, NOS	2.9	2.2*		Stomach	3.5	-1.5		Leukemia	3.9	-0.7	
Leukemia	2.9	-1.9		Non-Hodgkin Lymphoma	3.4	-3.1		Corpus and Uterus, NOS	3.8	2.7*	
Brain and ONS ^f	1.8	3.7*		Leukemia	3.3	-0.4		Cervix Uteri	2.6	-2.2*	
Cervix Uteri	1.8	-1.7		Myeloma	2.7	2.7		Brain and ONS ^f	2.5	0.8	
Myeloma	1.3	-0.9		Cervix Uteri	2.6	-4.0		Myeloma	2.3	-1.0	
Oral Cavity and Pharynx	1.1	-0.6		Brain and ONS ^f	2.0	-0.6		Kidney and Renal Pelvis	2.3	-0.1	
Kidney and Renal Pelvis	1.1	-2.4*		Gallbladder	1.7	-5.2		Urinary Bladder	1.3	-0.3	

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

^a Top 15 cancer sites selected based on 2011-2015 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.

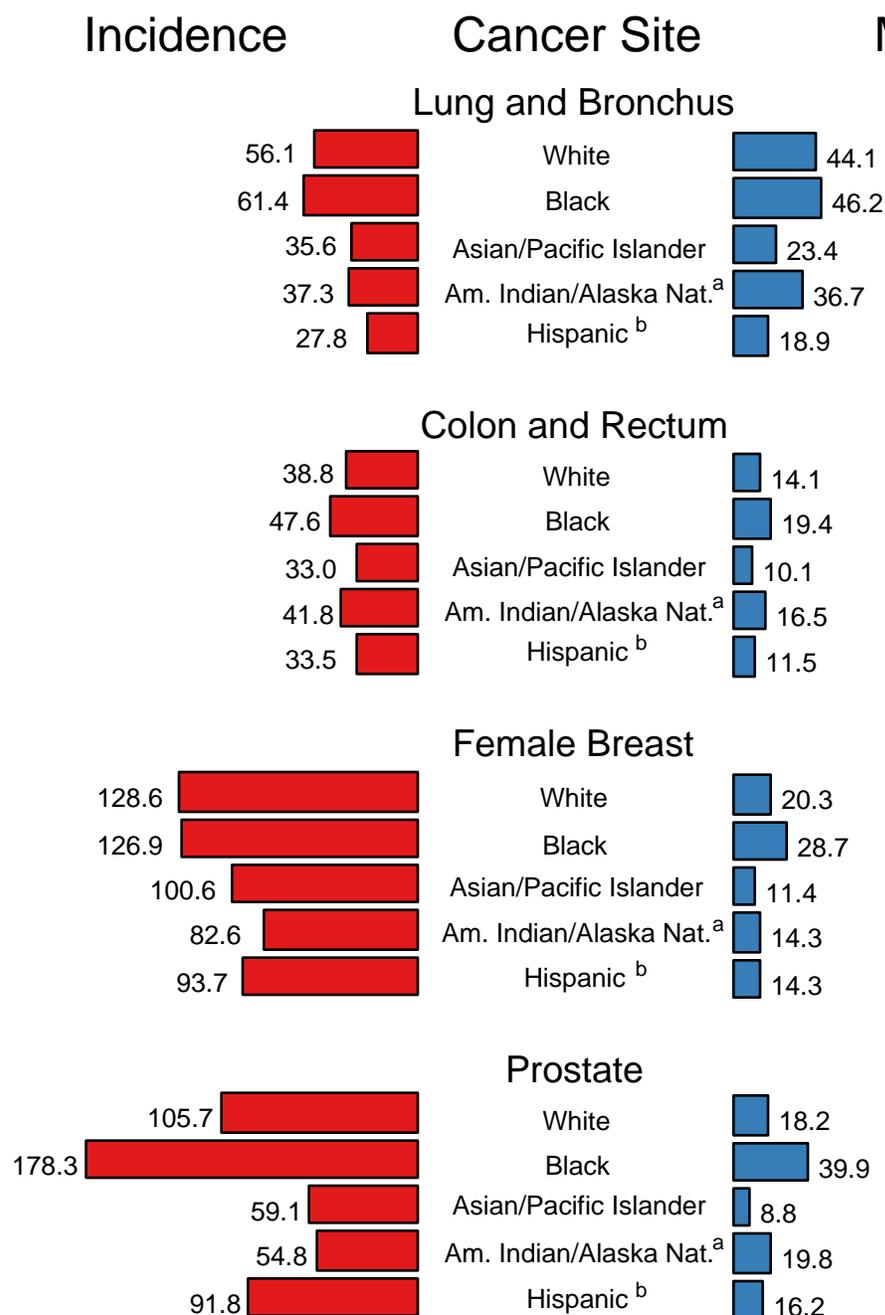
^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* 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, 2011-2015 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.

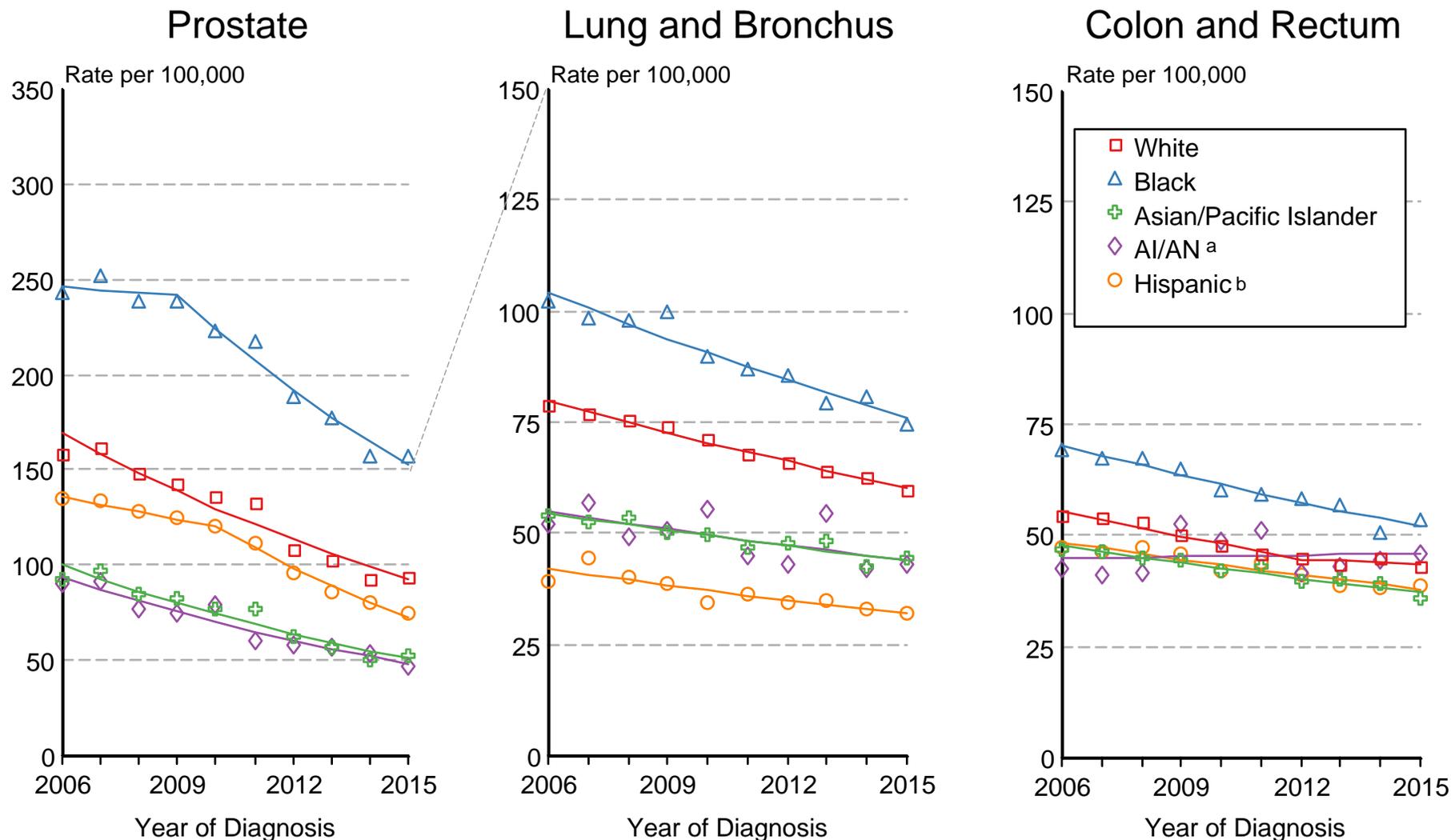
^a Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^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.

Figure 1.13

SEER Incidence 2006-2015 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 4.6, February 2018, National Cancer Institute.

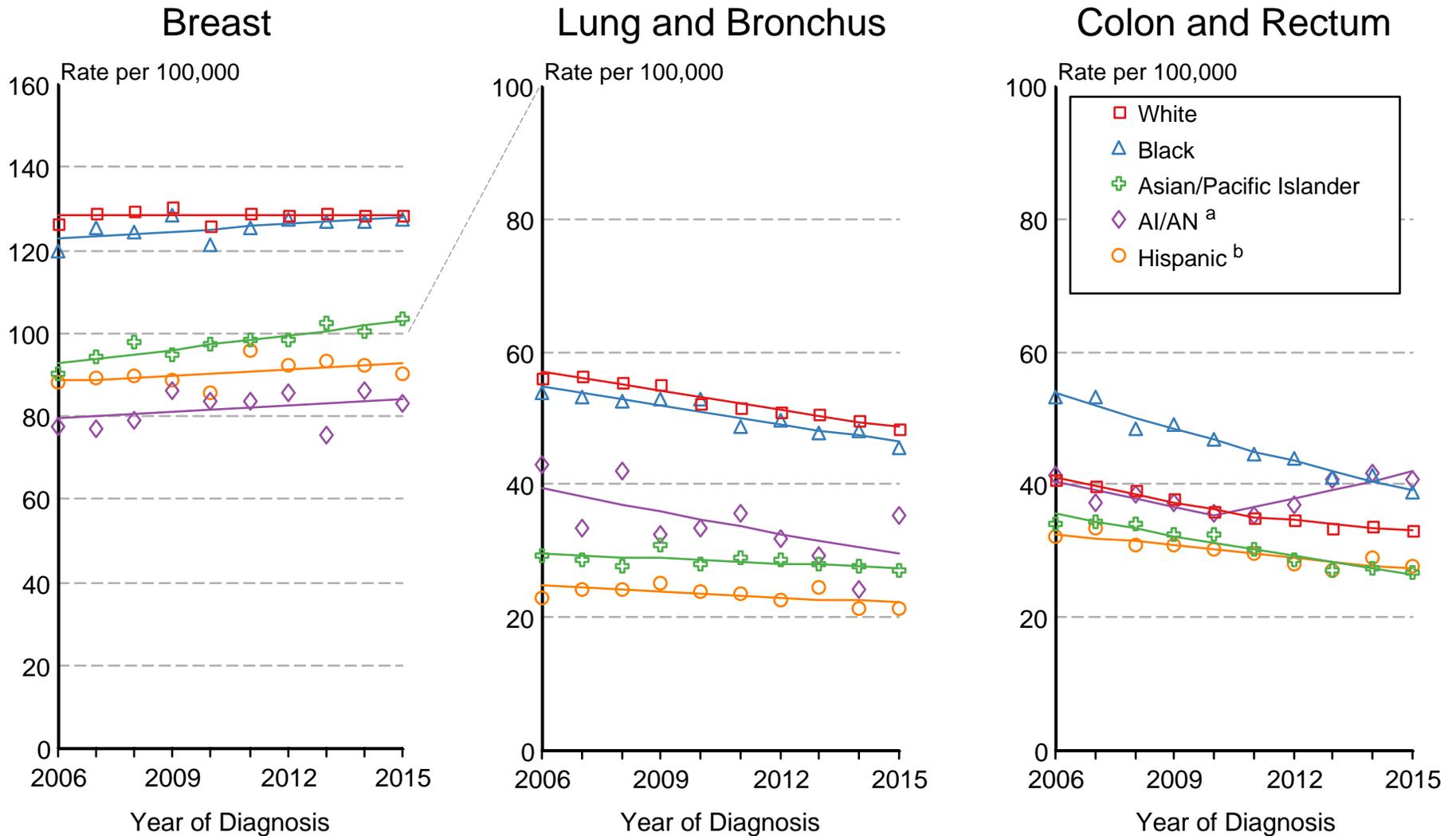
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA(Contract Health Service Delivery Area) counties.

^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 2006-2015 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 4.6, February 2018, National Cancer Institute.

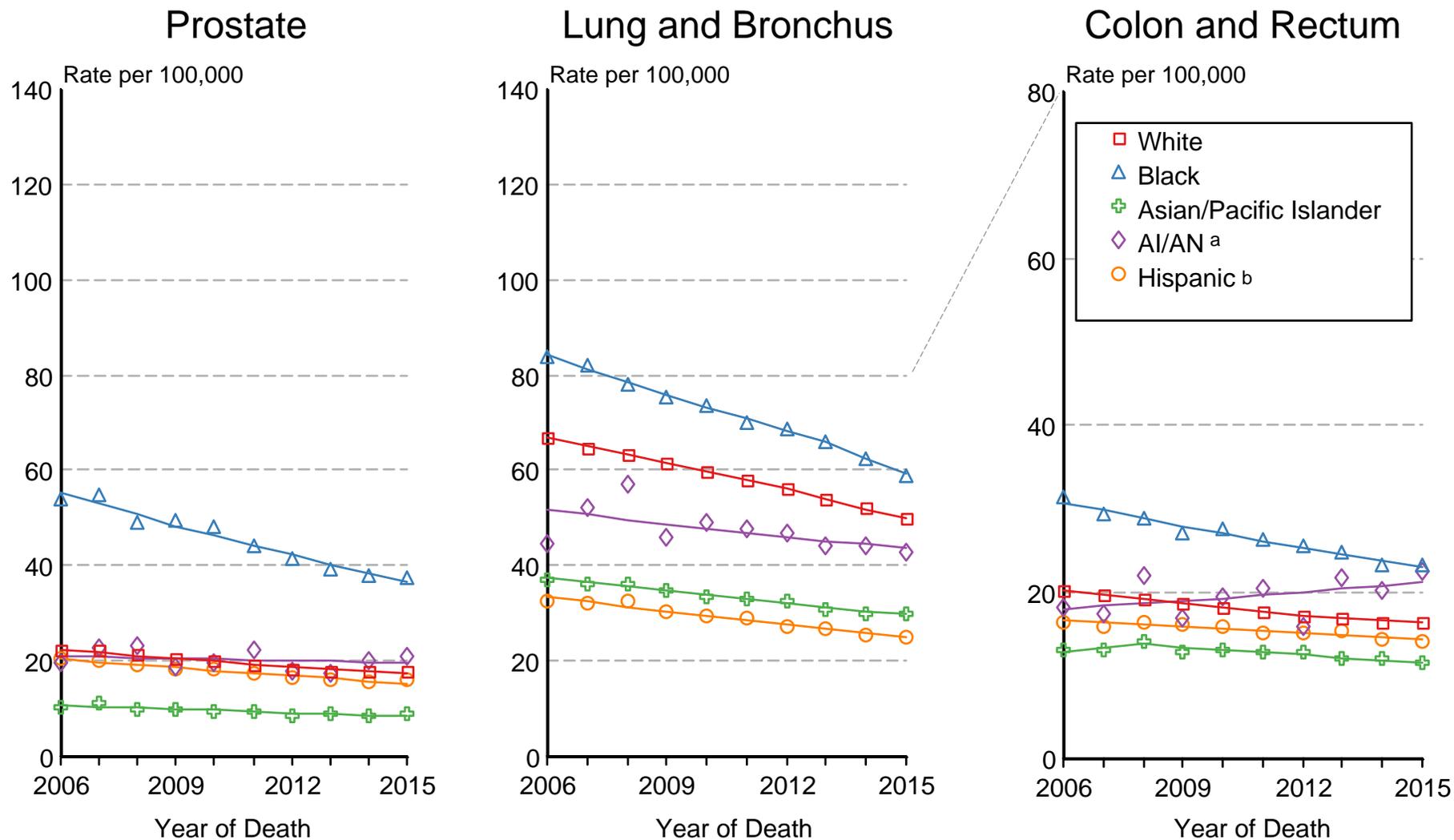
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^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 2006-2015 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).

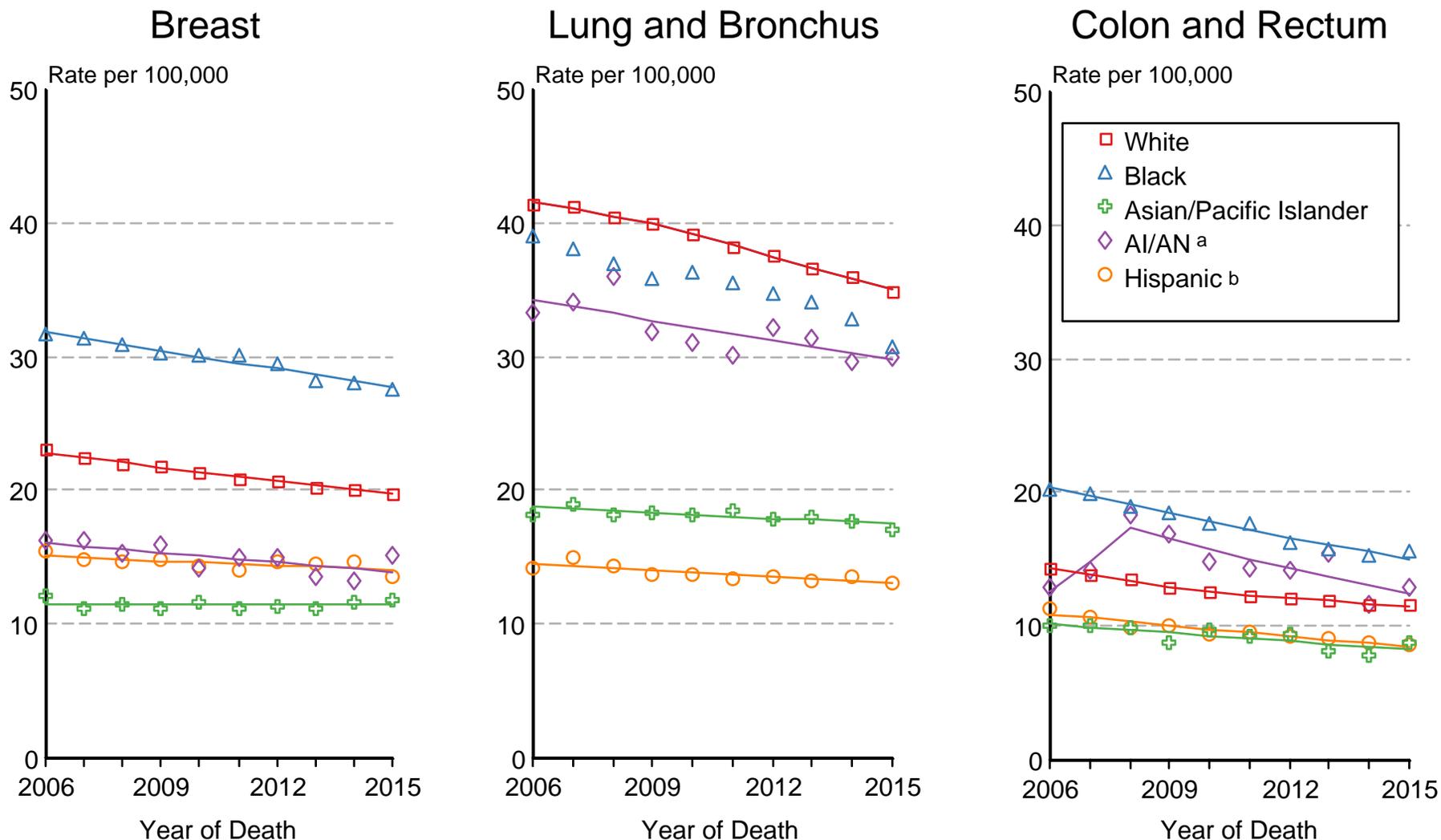
Regression lines are calculated using the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

^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.

Figure 1.16

US Mortality 2006-2015 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 4.6, February 2018, 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.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	439.2	483.0	409.9	-1.2*	-2.3*	-0.3	-1.1*	-2.1*	-0.2*
White	448.8	488.5	423.1	-1.2*	-2.2*	-0.3	-1.1*	-2.0*	-0.2*
White Hispanic ^e	346.0	370.5	334.6	-1.3*	-2.7*	0.4*	-	-	-
White Non-Hispanic ^e	469.6	510.7	442.3	-1.1*	-2.1*	-0.2*	-	-	-
Black	453.4	535.0	397.8	-1.9*	-3.2*	-0.7*	-1.8*	-3.0*	-0.6
Asian/Pacific Islander	297.9	303.5	298.3	-1.2*	-2.5*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	315.1	325.6	311.4	0.0	-0.5*	0.5*	-	-	-
Hispanic ^e	336.3	362.9	322.9	-1.2*	-2.6*	0.2*	-	-	-
U.S. Mortality ^g									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	163.5	196.8	139.6	-1.5*	-1.8*	-1.4*			
White	163.8	196.4	140.0	-1.4*	-1.7*	-1.3*			
White Hispanic ^e	121.6	148.4	102.7	-1.1*	-1.3*	-0.9*			
White Non-Hispanic ^e	167.8	200.6	143.6	-1.4*	-1.6*	-1.3*			
Black	189.8	239.9	159.0	-2.1*	-2.7*	-1.6*			
Asian/Pacific Islander	102.0	121.2	88.3	-1.3*	-1.6*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	110.3	131.9	94.1	-2.0*	-1.4*	-2.1*			
CHSDA Counties	150.4	181.5	127.6	-1.1*	-0.4*	-1.4*			
Non-CHSDA Counties	66.9	79.5	57.3	-2.7*	-3.3*	-2.5*			
Hispanic ^e	115.0	140.6	97.1	-1.2*	-1.6*	-1.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

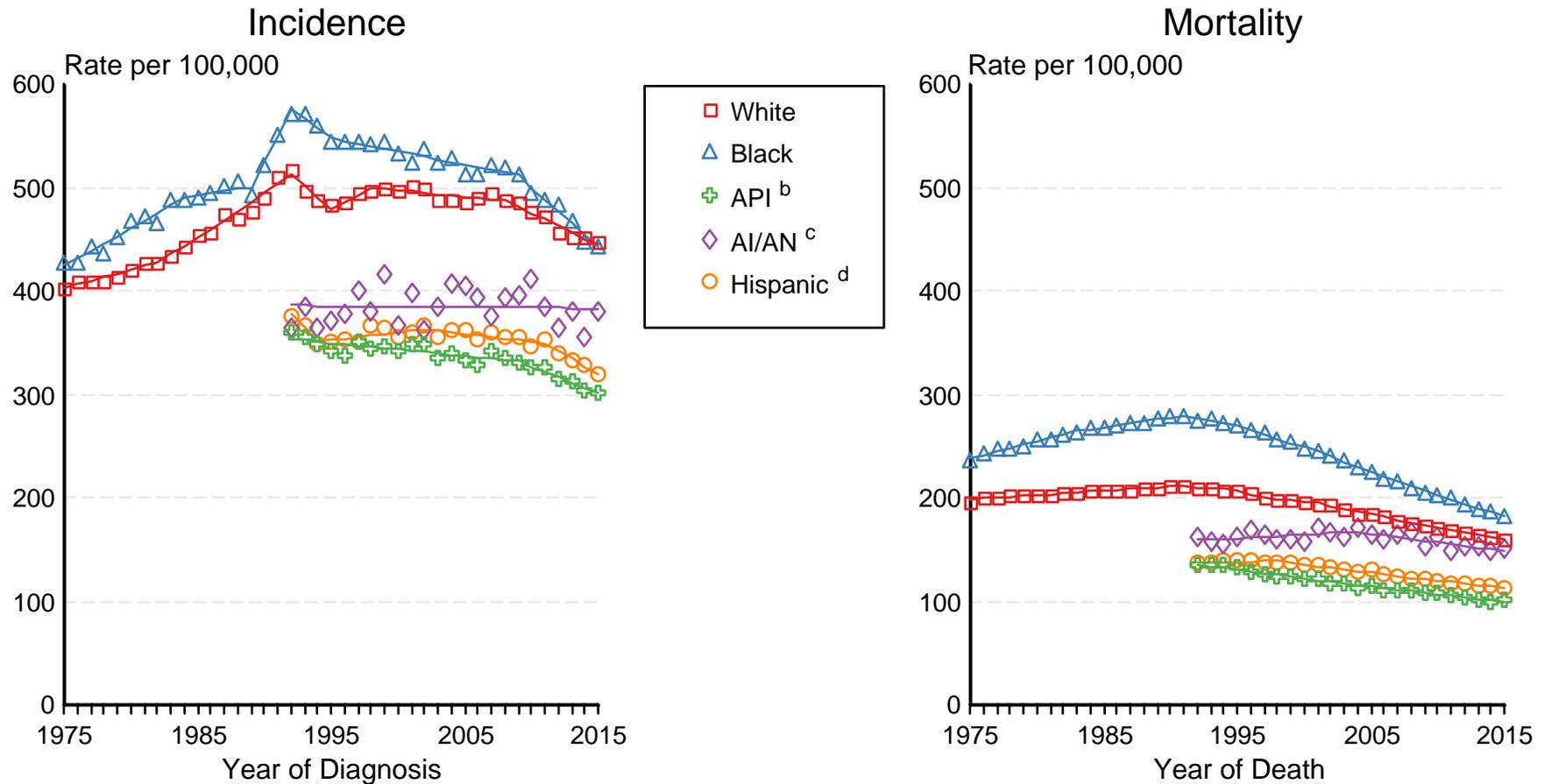
* The APC is significantly different from zero (p<.05).

Figure 2.4

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.5	5.4	-0.2*	-0.3*	-0.2*	-0.2*	-0.3*	-0.1
White	7.1	8.3	6.0	-0.1	-0.2*	-0.1	-0.1	-0.2*	0.0
White Hispanic ^e	5.2	6.0	4.6	-0.2	-0.1	-0.4	-	-	-
White Non-Hispanic ^e	7.6	9.0	6.4	0.1	-0.1	0.2	-	-	-
Black	4.0	4.8	3.5	-0.2	-1.5	-0.3	0.1	-0.2	0.4
Asian/Pacific Islander	3.7	4.3	3.2	0.0	0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	3.3	4.2	2.4	-4.4	0.2	-	-	-	-
Hispanic ^e	5.0	5.7	4.3	-1.0*	-0.1	-0.4	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.4	5.3	3.6	0.4*	0.4*	0.4*			
White	4.8	5.8	3.9	0.5*	0.5*	0.5*			
White Hispanic ^e	3.1	3.7	2.7	0.3*	0.3	0.3			
White Non-Hispanic ^e	5.0	6.1	4.0	0.6*	0.6*	0.5*			
Black	2.6	3.2	2.1	0.9	-0.4*	-0.5*			
Asian/Pacific Islander	2.1	2.5	1.8	0.6*	0.5	3.4*			
Amer Ind/Alaska Nat									
Total U.S.	2.0	2.3	1.6	0.1	-0.2	0.5			
CHSDA Counties	2.5	3.0	2.0	1.2*	1.3	1.3			
Non-CHSDA Counties	1.4	1.5	1.3	-1.6	-2.3	-0.9			
Hispanic ^e	2.9	3.4	2.5	0.2	0.1	0.2			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

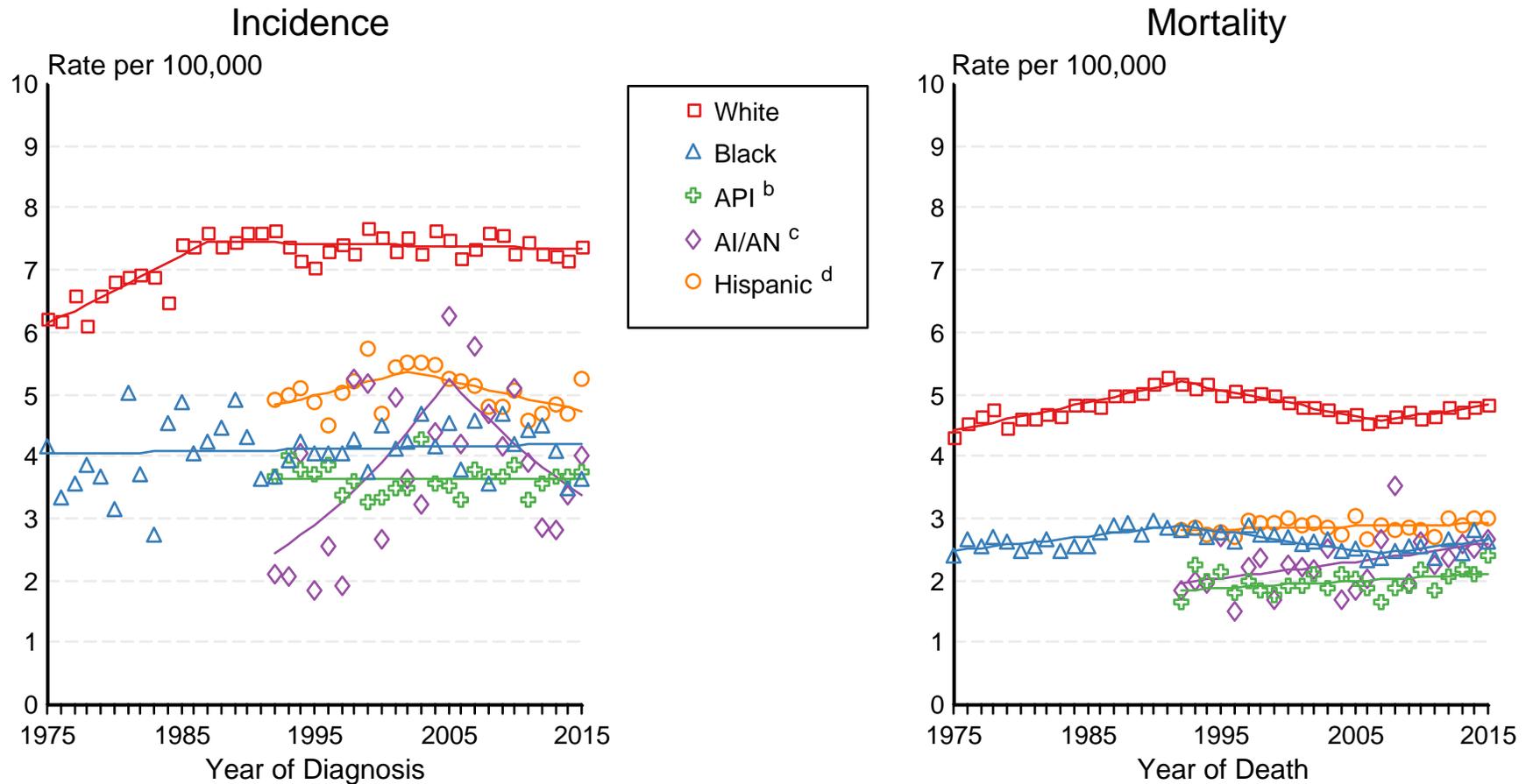
- Statistic not shown. Rate based on less than 16 cases for the time interval.
- Trend based on less than 10 cases for at least one year within the time interval.
- ^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.
- ^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.
- ^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- ^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^g US Mortality Files, National Center for Health Statistics, CDC.
- ^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.
- * 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 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

Table 4.18
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 2011-2015	Trend 2006-2015 ^c	Trend 2006-2015 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	126.0	0.2	0.3*
White	128.6	0.1	0.2
White Hispanic ^e	97.2	0.3*	-
White Non-Hispanic ^e	135.2	0.2	-
Black	126.9	0.2*	0.3*
Asian/Pacific Islander	100.6	1.2*	-
Amer Ind/Alaska Nat ^f	82.6	0.2	-
Hispanic ^e	93.7	0.3*	-
<u>U.S. Mortality^g</u>			
	Rate 2011-2015	Trend 2006-2015 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	20.9	-1.7*	
White	20.3	-1.7*	
White Hispanic ^e	15.1	-0.7*	
White Non-Hispanic ^e	20.8	-1.8*	
Black	28.7	-1.5*	
Asian/Pacific Islander	11.4	-0.8*	
Amer Ind/Alaska Nat			
Total U.S.	11.2	-1.0	
CHSDA Counties	14.3	-0.8*	
Non-CHSDA Counties	7.7	-2.5*	
Hispanic ^e	14.3	-1.1*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

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

Table 4.19
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 2011-2015 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2006-2015 ^c AAPC (%)	SEER 9 Areas ^b Trend 2006-2015 ^d AAPC (%)
	Females	Females	Females
All Races	31.1	0.0	-0.3
White	30.8	-0.8	-0.8
White Hispanic ^e	22.5	1.9*	-
White Non-Hispanic ^e	32.9	-0.6	-
Black	32.1	1.5*	1.4*
Asian/Pacific Islander	31.3	1.7*	-
Amer Ind/Alaska Nat ^f	18.1	1.5*	-
Hispanic ^e	21.8	1.8*	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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.

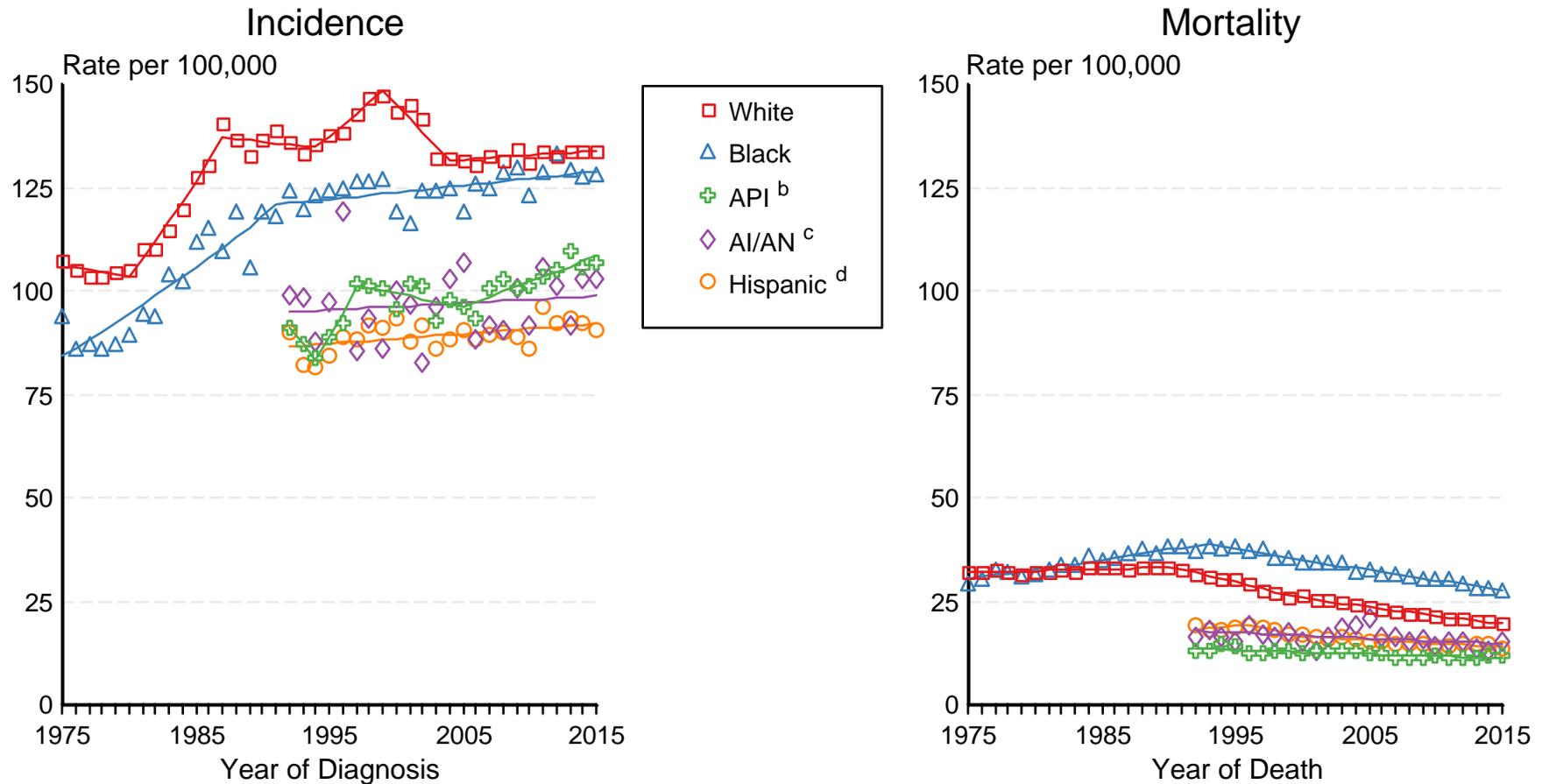
^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015	Trend 2006-2015 ^c	Trend 2006-2015 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	7.4	-1.5*	-0.4
White	7.4	-1.9*	0.1
White Hispanic ^e	9.4	-4.0*	-
White Non-Hispanic ^e	7.0	-0.5	-
Black	8.4	-3.6*	-3.7*
Asian/Pacific Islander	6.1	-3.7*	-
Amer Ind/Alaska Nat ^f	8.1	-0.8	-
Hispanic ^e	8.9	-4.0*	-
<u>U.S. Mortality^g</u>			
	Rate 2011-2015	Trend 2006-2015 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	2.3	-0.7*	
White	2.2	-0.2	
White Hispanic ^e	2.8	-2.5*	
White Non-Hispanic ^e	2.1	0.0	
Black	3.7	-2.5*	
Asian/Pacific Islander	1.8	-3.3*	
Amer Ind/Alaska Nat			
Total U.S.	1.8	-3.5*	
CHSDA Counties	2.6	-2.6*	
Non-CHSDA Counties	0.9	-4.2*	
Hispanic ^e	2.6	-2.6*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

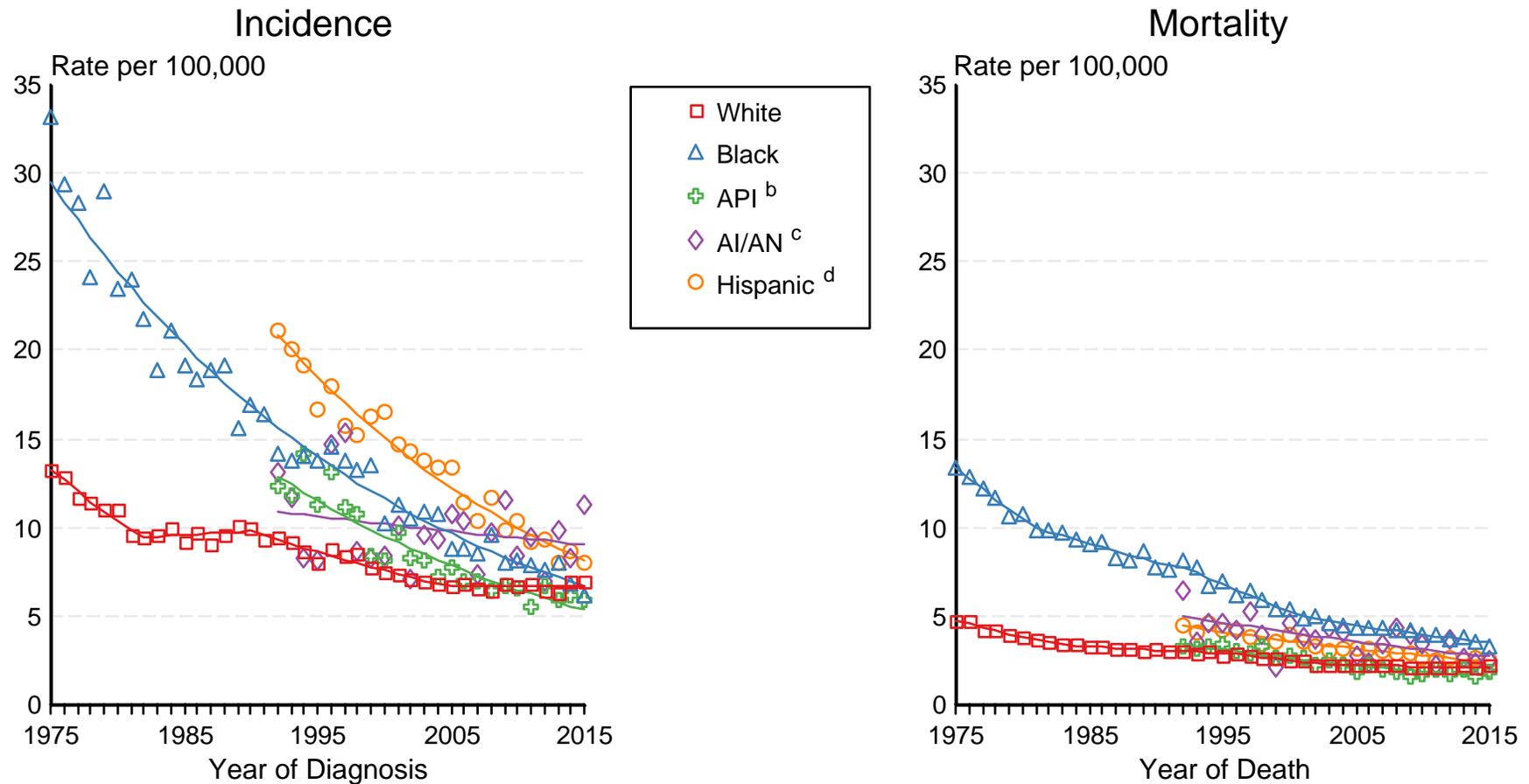
^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	39.4	45.2	34.5	-2.6*	-2.8*	-2.6*	-2.6*	-2.9*	-2.6*
White	38.8	44.4	34.0	-2.7*	-2.8*	-2.5*	-2.7*	-3.0*	-2.4*
White Hispanic ^e	34.7	41.2	29.5	-2.2*	-2.6*	-1.8*	-	-	-
White Non-Hispanic ^e	39.7	45.2	34.9	-2.6*	-2.8*	-2.5*	-	-	-
Black	47.6	55.5	41.9	-3.5*	-3.4*	-4.4*	-3.1*	-2.9*	-3.7*
Asian/Pacific Islander	33.0	39.3	28.0	-2.6*	-2.5*	-2.7*	-	-	-
Amer Ind/Alaska Nat ^f	41.8	45.1	39.2	-0.1	-0.2	-0.1	-	-	-
Hispanic ^e	33.5	39.7	28.6	-2.3*	-2.4*	-1.9*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	14.5	17.3	12.2	-2.4*	-2.5*	-2.5*			
White	14.1	16.8	11.9	-2.2*	-2.3*	-2.3*			
White Hispanic ^e	12.1	15.6	9.5	-1.6*	-1.3*	-2.1*			
White Non-Hispanic ^e	14.3	16.9	12.1	-2.2*	-2.5*	-2.2*			
Black	19.4	24.4	16.1	-3.0*	-2.8*	-3.3*			
Asian/Pacific Islander	10.1	12.1	8.6	-1.8*	-1.9*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	11.6	14.1	9.7	-1.5*	-1.7*	-1.2*			
CHSDA Counties	16.5	20.2	13.6	-0.5	0.3	-0.4			
Non-CHSDA Counties	6.4	7.6	5.6	-2.2*	-3.1*	-1.9*			
Hispanic ^e	11.5	14.7	9.0	-1.8*	-1.6*	-2.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 <u>SEER Incidence</u>	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	27.7	30.7	25.3	-3.0*	-3.1*	-2.9*	-2.9*	-3.4*	-2.9*
White	27.3	30.1	24.9	-2.9*	-3.2*	-2.7*	-2.9*	-3.3*	-2.9*
White Hispanic ^e	23.9	27.3	21.3	-2.5*	-3.0*	-2.0*	-	-	-
White Non-Hispanic ^e	28.0	30.7	25.6	-2.9*	-3.1*	-2.9*	-	-	-
Black	35.4	40.2	32.0	-3.8*	-3.5*	-4.6*	-3.2*	-3.2*	-3.7*
Asian/Pacific Islander	21.6	24.3	19.4	-2.9*	-3.0*	-3.4*	-	-	-
Amer Ind/Alaska Nat ^f	28.9	29.8	28.3	-0.6	-0.9	-0.4	-	-	-
Hispanic ^e	23.1	26.3	20.7	-2.6*	-3.0*	-2.0*	-	-	-
Cancer of the Rectum <u>SEER Incidence</u>	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	11.7	14.6	9.2	-2.1*	-2.2*	-2.0*	-2.2*	-2.4*	-2.0*
White	11.5	14.2	9.1	-1.8*	-2.6*	-1.9*	-2.5*	-2.7*	-2.3*
White Hispanic ^e	10.7	13.9	8.1	-0.9*	-1.2*	-0.7*	-	-	-
White Non-Hispanic ^e	11.7	14.4	9.3	-1.8*	-2.0*	-2.0*	-	-	-
Black	12.2	15.3	9.9	-3.4*	-3.2*	-3.8*	-3.0*	-2.7*	-3.6*
Asian/Pacific Islander	11.4	15.0	8.6	-2.6*	-1.9*	-2.9*	-	-	-
Amer Ind/Alaska Nat ^f	12.9	15.3	10.9	0.9	1.1	0.7	-	-	-
Hispanic ^e	10.4	13.4	7.9	-0.9*	-1.2*	-0.7*	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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.

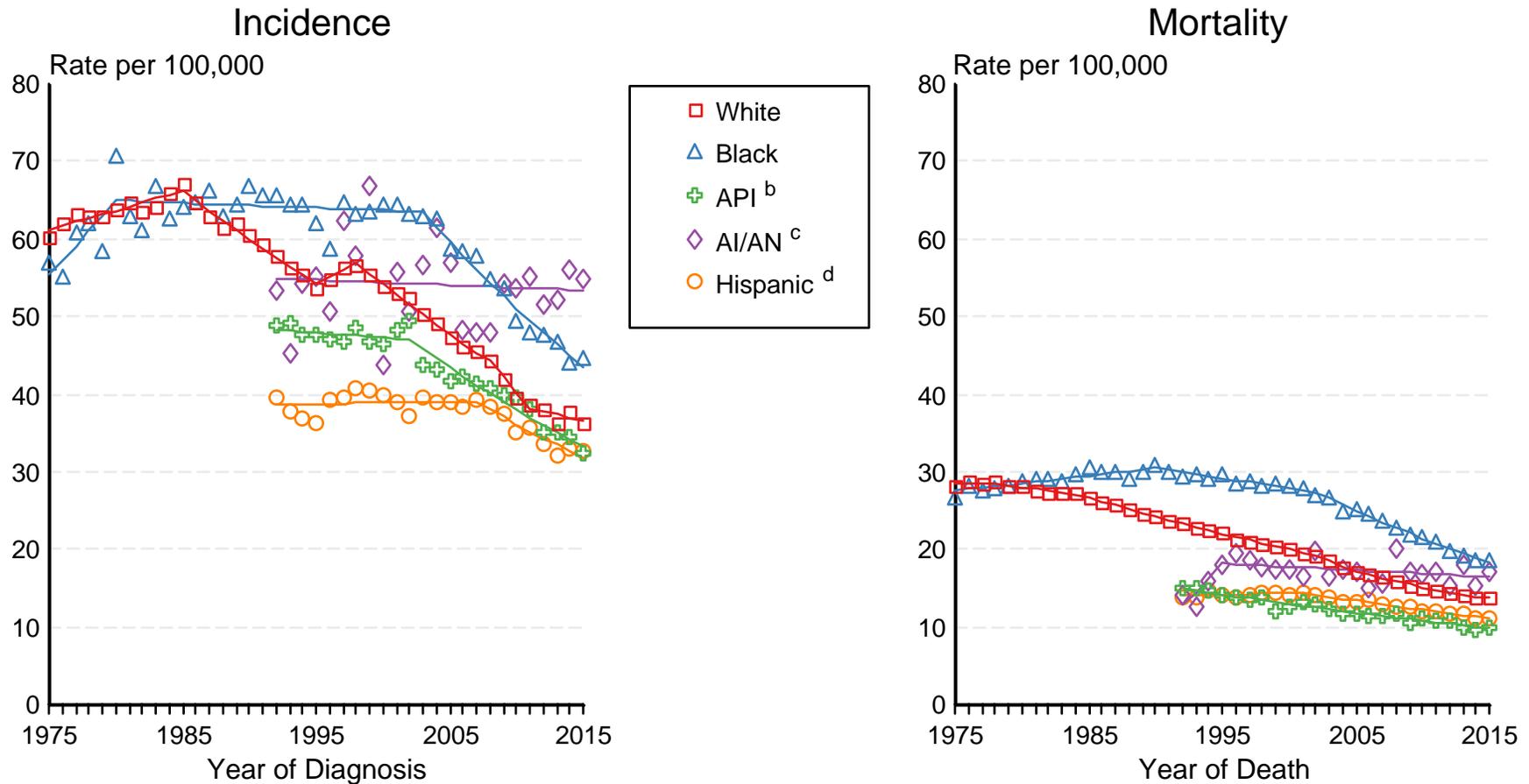
f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015	Trend 2006-2015 ^c	Trend 2006-2015 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	26.0	1.3	1.3*
White	26.6	1.0*	0.8*
White Hispanic ^e	23.4	2.6*	-
White Non-Hispanic ^e	27.0	0.5	-
Black	25.4	2.2*	2.3*
Asian/Pacific Islander	20.8	1.7*	-
Amer Ind/Alaska Nat ^f	19.6	2.0*	-
Hispanic ^e	22.5	2.7*	-
<u>U.S. Mortality^g</u>			
	Rate 2011-2015	Trend 2006-2015 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	4.6	1.6*	
White	4.3	1.5*	
White Hispanic ^e	4.0	2.7*	
White Non-Hispanic ^e	4.3	1.4*	
Black	8.3	2.1*	
Asian/Pacific Islander	2.9	1.8*	
Amer Ind/Alaska Nat			
Total U.S.	2.6	0.0	
CHSDA Counties	3.6	0.6	
Non-CHSDA Counties	1.5	-0.7	
Hispanic ^e	3.8	2.5*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

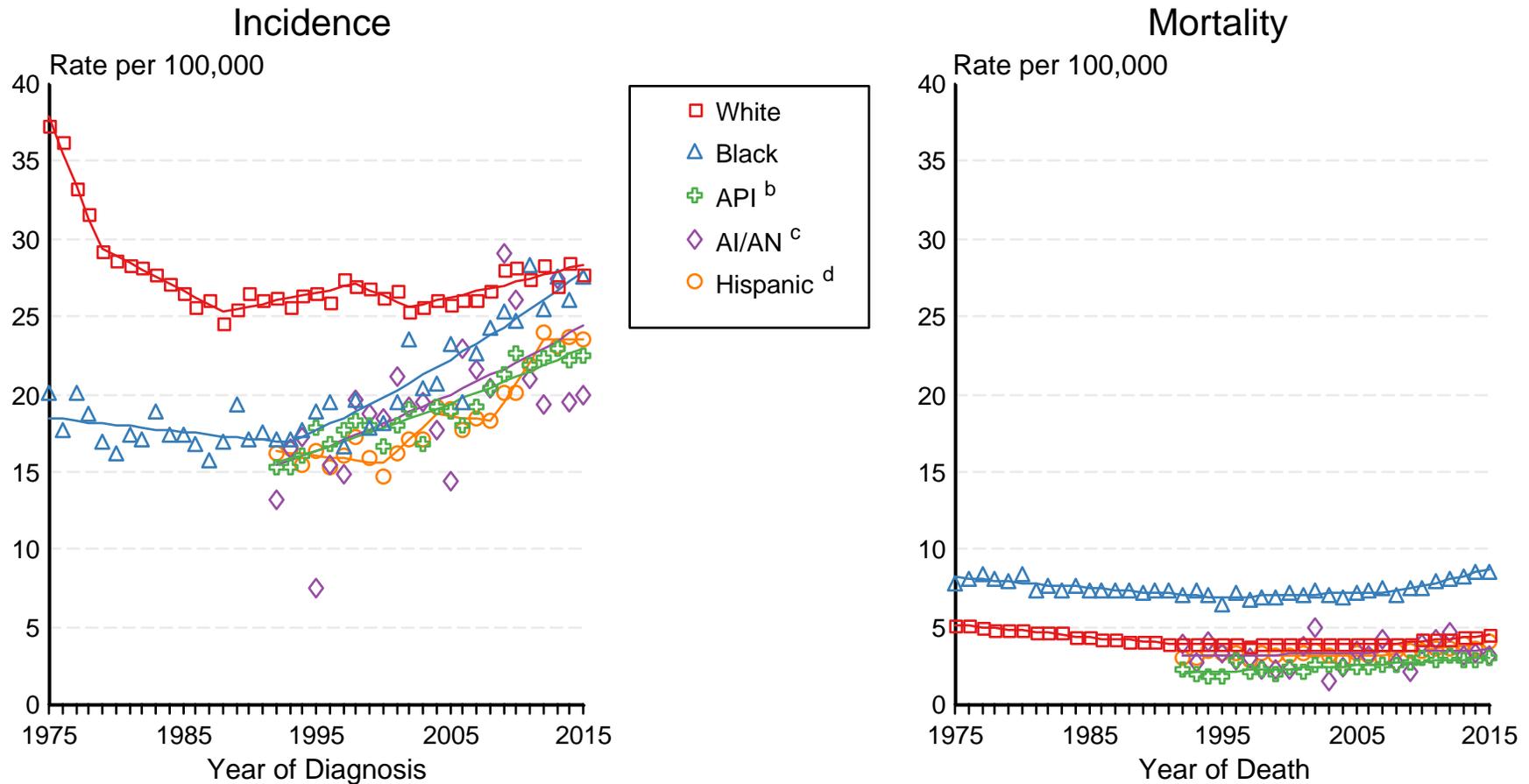
* The APC is significantly different from zero (p<.05).

Figure 7.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	4.2	7.2	1.7	-0.6*	-1.3*	-1.3*	-1.2*	-1.2*	-1.3*
White	4.5	7.7	1.7	-0.8*	-0.9*	-0.6*	-0.6	-0.7	-0.1
White Hispanic ^e	2.8	5.0	1.1	-0.8*	-1.0*	-0.7	-	-	-
White Non-Hispanic ^e	4.8	8.2	1.8	-0.8*	-0.8*	-0.4*	-	-	-
Black	4.0	6.4	2.2	-4.5*	-4.7*	-4.2*	-4.4*	-4.7*	-3.3*
Asian/Pacific Islander	1.9	3.3	0.9	-1.9*	-2.0*	-1.2	-	-	-
Amer Ind/Alaska Nat ^f	3.0	5.1	1.4	-1.2	-2.0	-	-	-	-
Hispanic ^e	2.7	4.7	1.1	-0.8*	-1.0*	-0.8	-	-	-
U.S. Mortality ^g	Rate 2011-2015			Trend 2006-2015 ^h					
RACE/ETHNICITY	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.0	7.2	1.5	-1.0*	-1.1*	-1.7*			
White	4.3	7.6	1.5	-0.5*	-0.7*	-1.1*			
White Hispanic ^e	2.2	4.1	0.8	-1.0*	-1.0*	-2.2*			
White Non-Hispanic ^e	4.5	8.0	1.5	-0.2*	-0.4*	-0.9*			
Black	3.5	5.8	1.8	-4.5*	-4.7*	-4.1*			
Asian/Pacific Islander	1.6	2.8	0.7	-1.8*	-1.8*	-1.9*			
Amer Ind/Alaska Nat									
Total U.S.	2.5	4.4	1.1	-0.5	0.5	-0.4			
CHSDA Counties	3.5	5.9	1.6	-0.8	0.5	1.5			
Non-CHSDA Counties	1.5	2.8	0.5	-1.6	-1.0	-3.8			
Hispanic ^e	2.1	3.9	0.8	-1.1*	-1.1*	-2.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

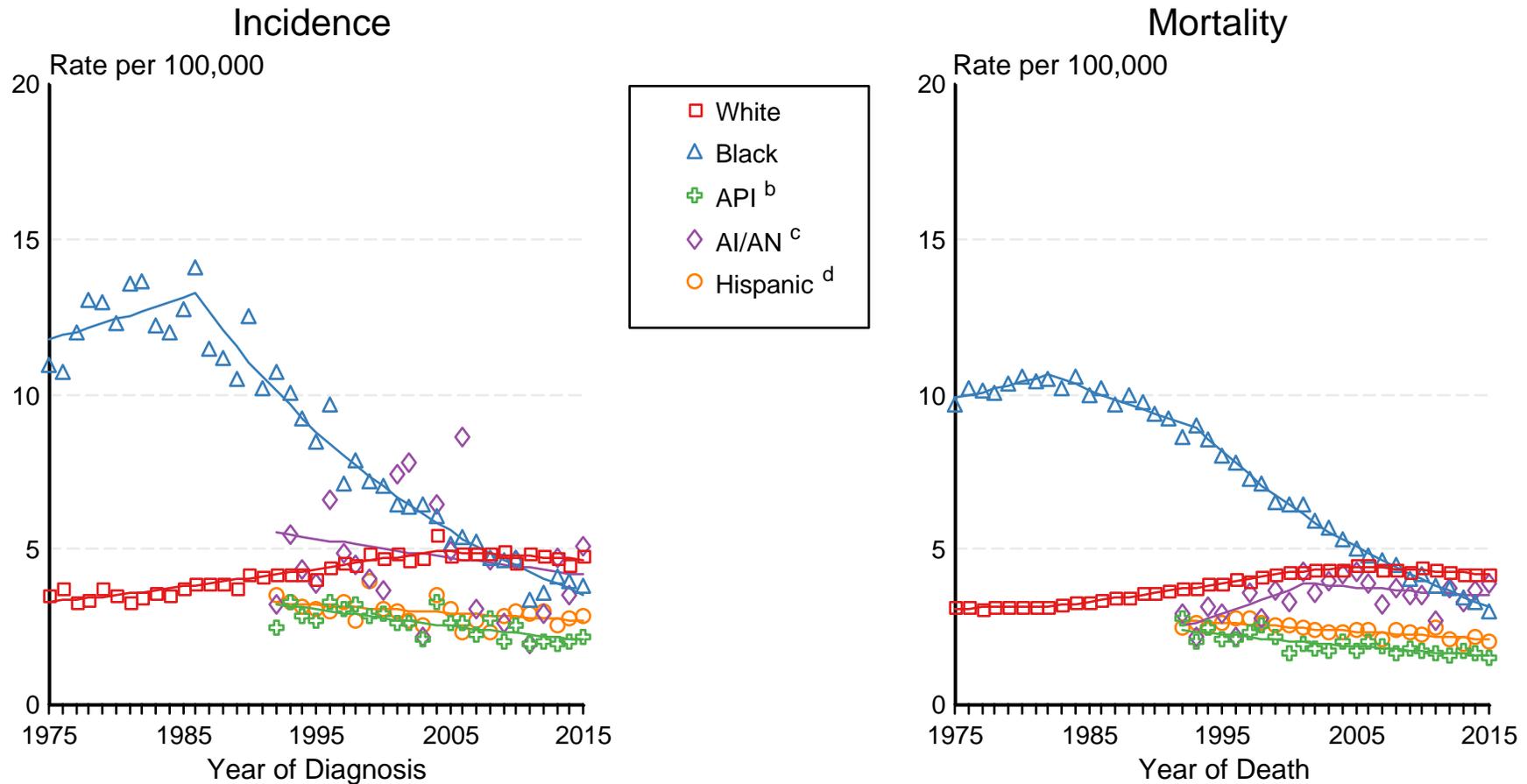
* The APC is significantly different from zero (p<.05).

Figure 8.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	2.5	2.9	2.2	-1.5*	-0.1	-2.0*	-1.8*	-0.4*	-1.8*
White	2.7	3.0	2.4	-1.7*	-1.5*	-2.1*	-1.8*	-0.4*	-2.0*
White Hispanic ^e	2.3	2.6	2.0	0.0	-0.5	0.5	-	-	-
White Non-Hispanic ^e	2.9	3.3	2.6	-2.0*	-1.6*	-2.5*	-	-	-
Black	2.6	3.1	2.2	0.7*	1.0*	0.2	1.0*	0.6*	1.6*
Asian/Pacific Islander	1.3	1.5	1.1	1.3*	1.2	-3.7	-	-	-
Amer Ind/Alaska Nat ^f	1.4	1.5	1.3	-	-	-	-	-	-
Hispanic ^e	2.2	2.5	1.9	0.0	-0.5	0.5	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	0.3	0.4	0.3	-2.8*	-2.5*	-3.0*			
White	0.3	0.4	0.3	-2.6*	-2.3*	-3.0*			
White Hispanic ^e	0.4	0.6	0.3	-2.1*	-2.3*	-1.9*			
White Non-Hispanic ^e	0.3	0.4	0.3	-2.8*	-2.6*	-5.0*			
Black	0.3	0.4	0.2	-2.9*	-3.3*	-2.5*			
Asian/Pacific Islander	0.1	0.2	0.1	-1.8*	-2.3*	-			
Amer Ind/Alaska Nat									
Total U.S.	0.1	-	-	-1.2	-	-			
CHSDA Counties	-	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.4	0.5	0.3	-2.3*	-2.4*	-2.1*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

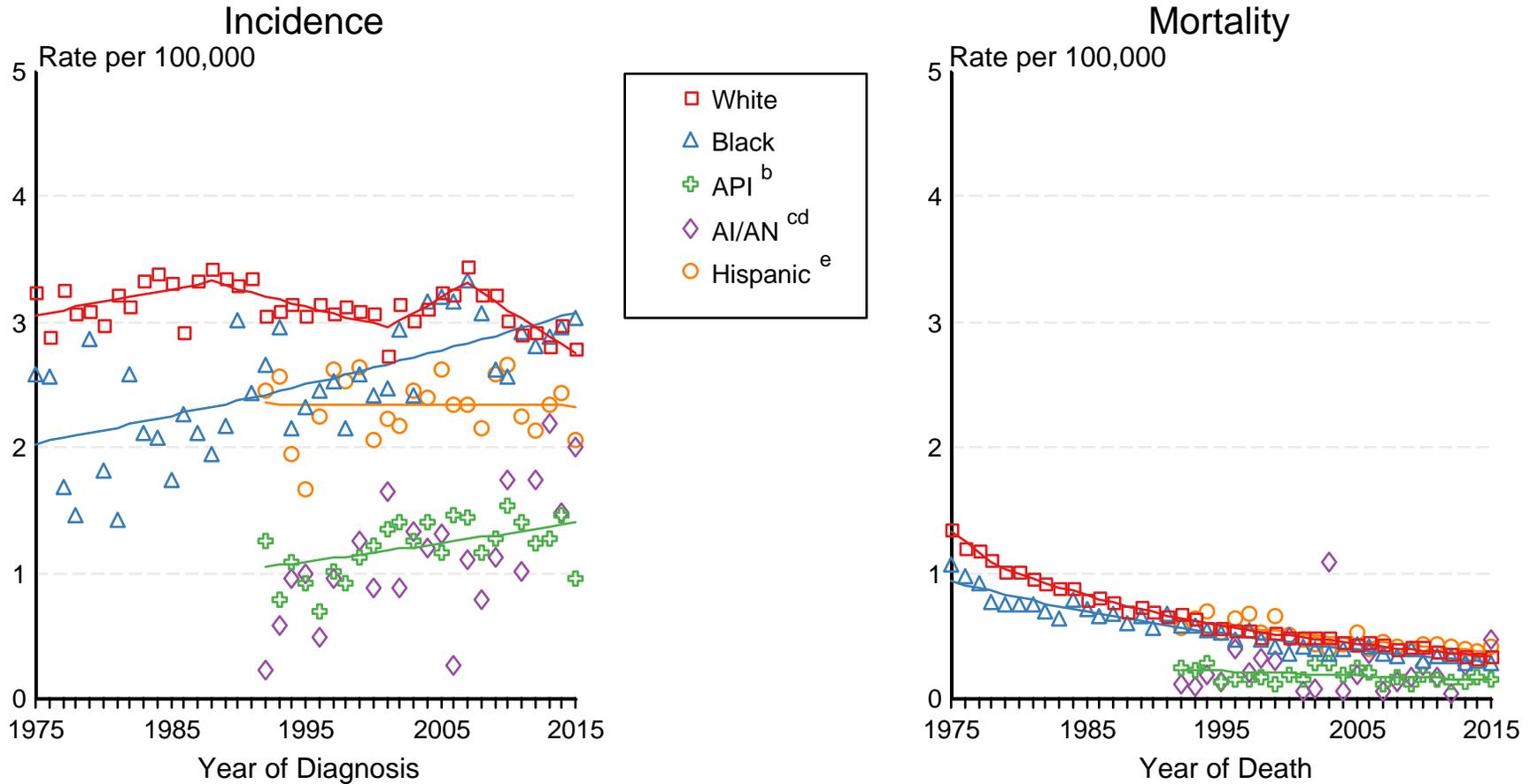
- Statistic not shown. Rate based on less than 16 cases for the time interval.
- a Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 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.
- b The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- b 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.
- d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.
- 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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- g US Mortality Files, National Center for Health Statistics, CDC.
- h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.
- * 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 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.5	0.9	0.1	-2.7*	-2.8*	2.3	-2.0*	-2.1*	-3.4*
White	0.4	0.7	0.1	-3.5*	-3.6*	-4.2*	-2.9*	-3.0*	-4.3*
White Hispanic ^e	0.6	1.1	0.2	-4.6*	-4.3*	-4.2*	-	-	-
White Non-Hispanic ^e	0.3	0.6	0.1	-3.7*	-3.8*	-4.8*	-	-	-
Black	1.1	2.1	0.2	-1.6*	-1.8*	3.1	-0.3	-1.3	-
Asian/Pacific Islander	0.2	0.4	-	-0.4	0.2	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.7	1.1	0.2	-4.5*	-4.3*	-3.5*	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	15.9	21.7	10.9	0.6*	0.8*	0.3	0.6*	0.8	-0.3
White	16.3	22.2	11.3	0.6*	0.7*	0.1	0.4	0.7*	-0.5
White Hispanic ^e	16.5	21.6	12.4	1.0	0.8	2.6*	-	-	-
White Non-Hispanic ^e	16.4	22.4	11.0	0.5*	0.7*	-0.3	-	-	-
Black	18.3	25.3	12.8	0.6	2.3*	0.0	0.7	2.7*	-0.1
Asian/Pacific Islander	8.5	12.2	5.6	2.4*	2.4*	0.7	-	-	-
Amer Ind/Alaska Nat ^f	17.2	22.6	13.0	0.9	0.9	0.8	-	-	-
Hispanic ^e	15.9	20.7	11.9	1.0	0.5	2.5*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	3.8	5.6	2.4	-0.8*	-0.5*	-1.6*			
White	4.0	5.8	2.5	-0.7*	-0.6*	-1.5*			
White Hispanic ^e	3.7	5.3	2.5	0.0	-0.1	0.0			
White Non-Hispanic ^e	4.0	5.8	2.5	-0.8*	-0.6*	-1.6*			
Black	3.7	5.5	2.4	-0.9*	-0.6*	-0.9*			
Asian/Pacific Islander	1.8	2.7	1.1	-0.1	0.1	-0.4			
Amer Ind/Alaska Nat									
Total U.S.	4.0	5.3	2.9	-1.1*	-1.2*	-1.3*			
CHSDA Counties	6.0	8.4	4.1	-0.2	-0.3	-0.6			
Non-CHSDA Counties	1.8	2.1	1.5	-2.0*	-1.7	-2.1			
Hispanic ^e	3.5	5.0	2.3	-0.1	-0.2	-0.1			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

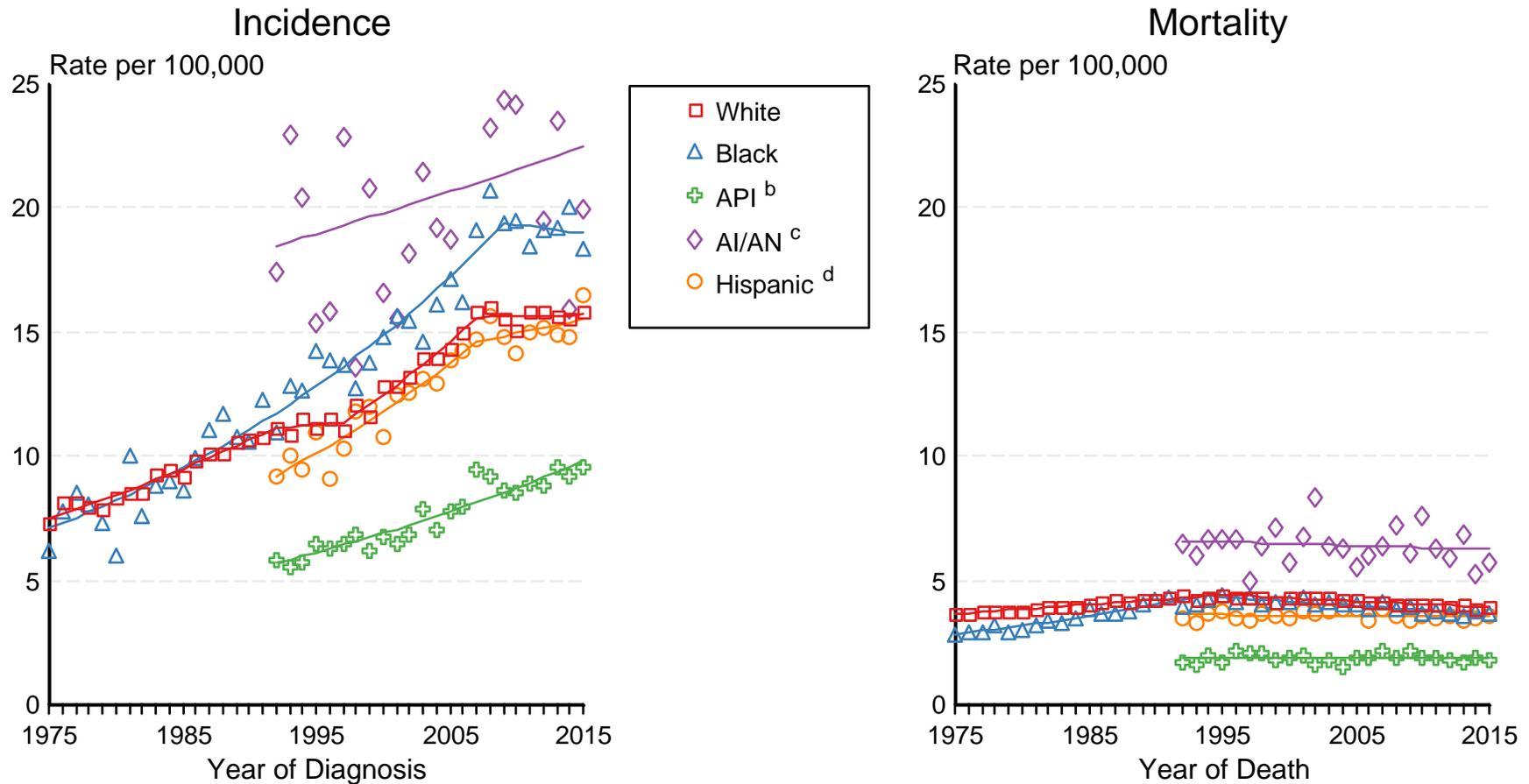
* The APC is significantly different from zero (p<.05).

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 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	3.0	5.2	1.1	-2.7*	-3.1*	-3.1*	-2.4*	-2.5*	-2.6*
White	3.0	5.3	1.1	-2.4*	-3.1*	-2.9*	-2.3*	-2.4*	-2.4*
White Hispanic ^e	2.1	4.0	0.5	-2.0*	-1.9*	-3.1*	-	-	-
White Non-Hispanic ^e	3.2	5.5	1.3	-2.4*	-2.5*	-2.6*	-	-	-
Black	4.4	8.3	1.5	-3.3*	-3.3*	-3.3*	-2.9*	-2.8*	-3.0*
Asian/Pacific Islander	1.0	2.0	0.3	-3.3*	-3.3*	-2.7*	-	-	-
Amer Ind/Alaska Nat ^f	1.8	3.3	-	0.1	0.8	-	-	-	-
Hispanic ^e	2.0	3.9	0.5	-2.0*	-1.9*	-3.0*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	1.0	1.8	0.4	-2.2*	-2.5*	-2.2*			
White	1.0	1.7	0.4	-1.9*	-2.2*	-1.9*			
White Hispanic ^e	0.8	1.6	0.2	-2.6*	-2.7*	-2.7*			
White Non-Hispanic ^e	1.0	1.7	0.4	-1.8*	-2.1*	-1.6*			
Black	1.7	3.3	0.5	-3.4*	-3.4*	-3.3*			
Asian/Pacific Islander	0.4	0.7	0.1	-1.9*	-1.6*	-3.2*			
Amer Ind/Alaska Nat									
Total U.S.	0.6	1.2	0.2	-2.8*	-2.1	-			
CHSDA Counties	0.7	1.4	-	-2.7*	-1.7	-			
Non-CHSDA Counties	0.5	1.0	-	-	-	-			
Hispanic ^e	0.7	1.5	0.1	-2.6*	-2.7*	-2.8*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

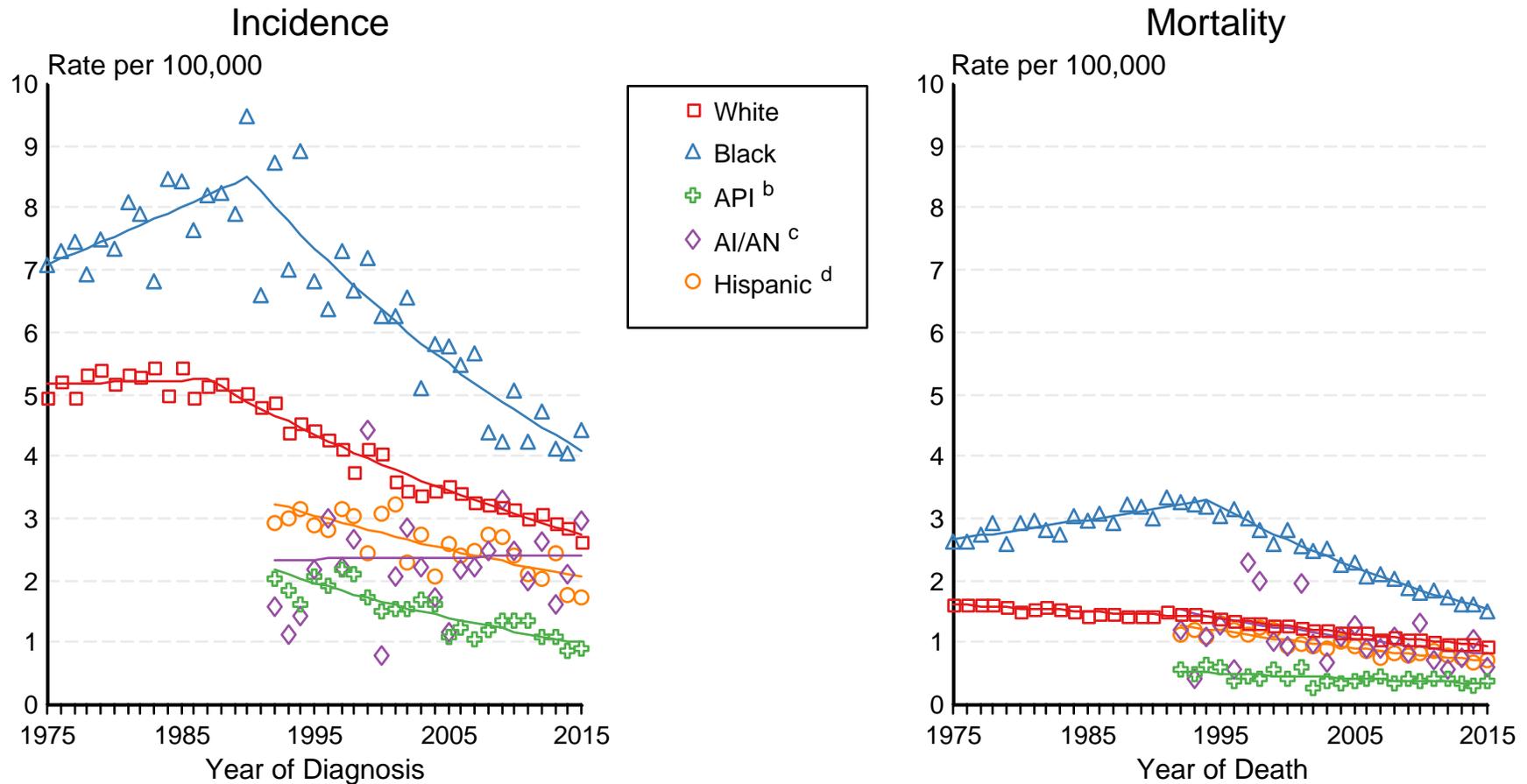
- Statistic not shown. Rate based on less than 16 cases for the time interval.
- a Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 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.
- b The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- b 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.
- d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.
- 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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- g US Mortality Files, National Center for Health Statistics, CDC.
- h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.
- * 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 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.8	17.6	10.8	-0.4	-0.6	0.3*	0.3*	0.2*	0.3*
White	14.6	18.6	11.4	-0.3	-0.5	0.5*	0.4*	0.3*	0.5*
White Hispanic ^e	11.0	13.2	9.1	-1.0	0.2	0.7*	-	-	-
White Non-Hispanic ^e	15.0	19.2	11.6	0.5*	0.3*	0.5*	-	-	-
Black	11.0	14.0	9.0	0.2	0.1	0.3	0.0	0.0	0.1
Asian/Pacific Islander	7.8	9.7	6.4	-0.1	-0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.3	10.6	6.5	1.7*	2.6*	0.9	-	-	-
Hispanic ^e	10.6	12.8	8.8	-0.9	0.2	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	6.7	9.0	5.0	-1.5*	-1.5*	-1.7*			
White	6.9	9.3	5.2	-1.3*	-1.4*	-1.2*			
White Hispanic ^e	5.1	6.4	4.1	-1.2	-0.4*	-0.5*			
White Non-Hispanic ^e	7.0	9.5	5.2	-1.3*	-1.3*	-1.2*			
Black	5.6	7.4	4.5	-1.3*	-1.4*	-1.3*			
Asian/Pacific Islander	3.8	4.9	2.9	-1.1	-0.6*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	3.3	4.3	2.5	-1.3*	-1.1	-1.9*			
CHSDA Counties	4.3	5.5	3.3	-0.4	-0.1	-1.1			
Non-CHSDA Counties	2.2	3.0	1.5	-2.4*	-2.1	-2.9*			
Hispanic ^e	4.8	6.0	3.9	-1.3	-0.6*	-0.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

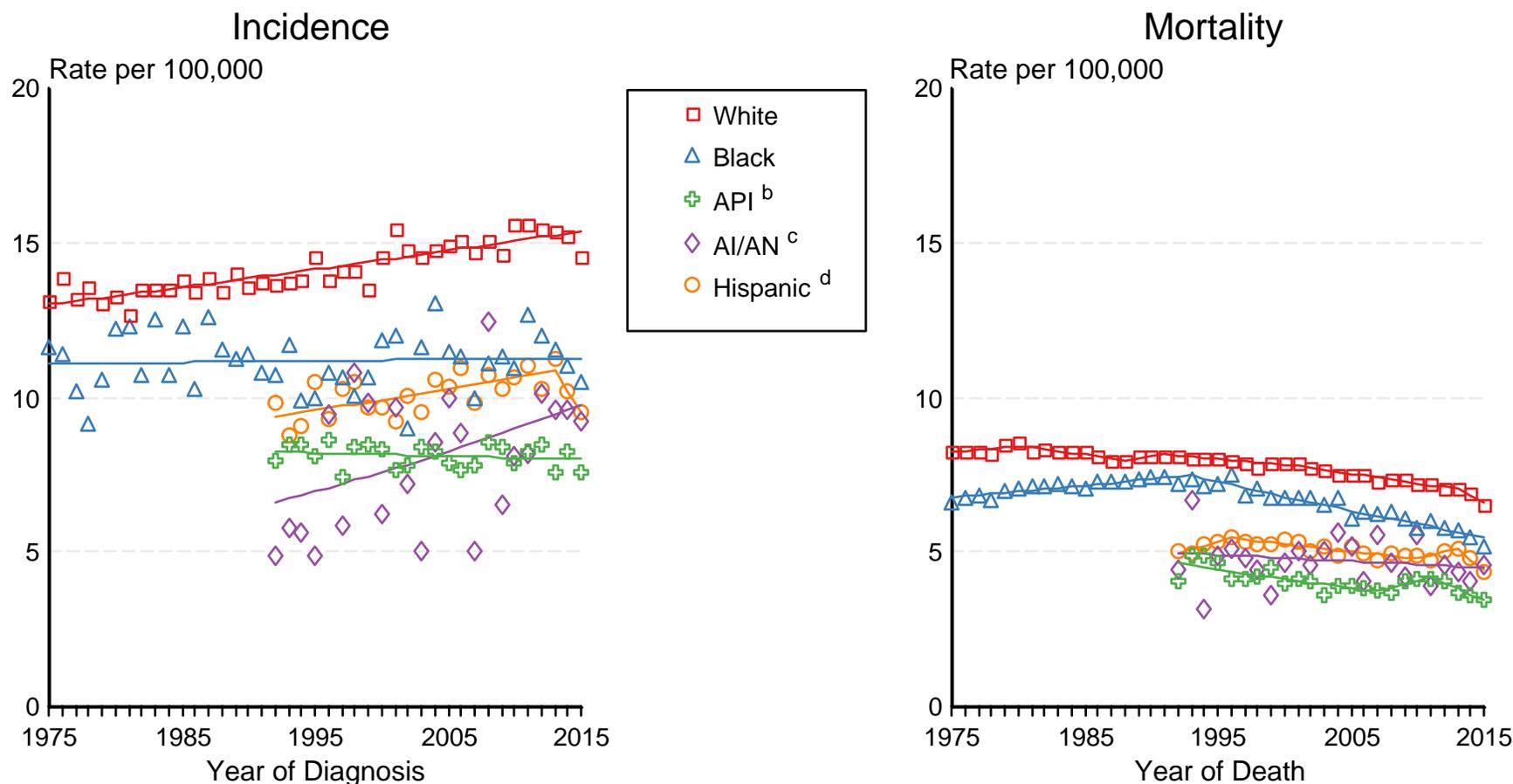
h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	8.8	13.6	4.7	1.9*	1.5*	2.4*	2.6*	2.3*	2.7*
White	8.0	12.2	4.3	2.7*	1.8*	3.8*	3.2*	2.7*	3.9*
White Hispanic ^e	13.9	20.7	8.1	0.8	0.2	2.7*	-	-	-
White Non-Hispanic ^e	7.0	10.7	3.7	3.0*	2.7*	3.7*	-	-	-
Black	10.5	17.3	5.1	1.9*	1.6*	2.8*	2.0*	2.0	2.8*
Asian/Pacific Islander	13.1	20.2	7.4	-2.0*	-1.9*	-2.1*	-	-	-
Amer Ind/Alaska Nat ^f	13.5	18.5	8.9	2.5*	3.0*	1.2	-	-	-
Hispanic ^e	13.3	19.8	7.7	0.9	0.3	2.6*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	6.4	9.4	3.8	2.4*	2.4*	2.4*			
White	6.0	8.7	3.6	2.6*	2.5*	2.6*			
White Hispanic ^e	9.7	13.9	6.3	1.6*	0.9	1.7*			
White Non-Hispanic ^e	5.6	8.2	3.4	2.6*	2.6*	2.2*			
Black	8.3	13.2	4.6	1.9*	2.3*	1.2*			
Asian/Pacific Islander	9.6	14.1	6.0	-0.8*	-0.8*	-0.7*			
Amer Ind/Alaska Nat									
Total U.S.	7.2	9.8	4.9	1.6*	1.7*	1.0			
CHSDA Counties	10.6	14.7	7.0	2.2*	2.5*	1.3*			
Non-CHSDA Counties	3.5	4.7	2.5	1.6*	1.5	1.9*			
Hispanic ^e	9.2	13.1	5.9	1.4*	0.8	1.6*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

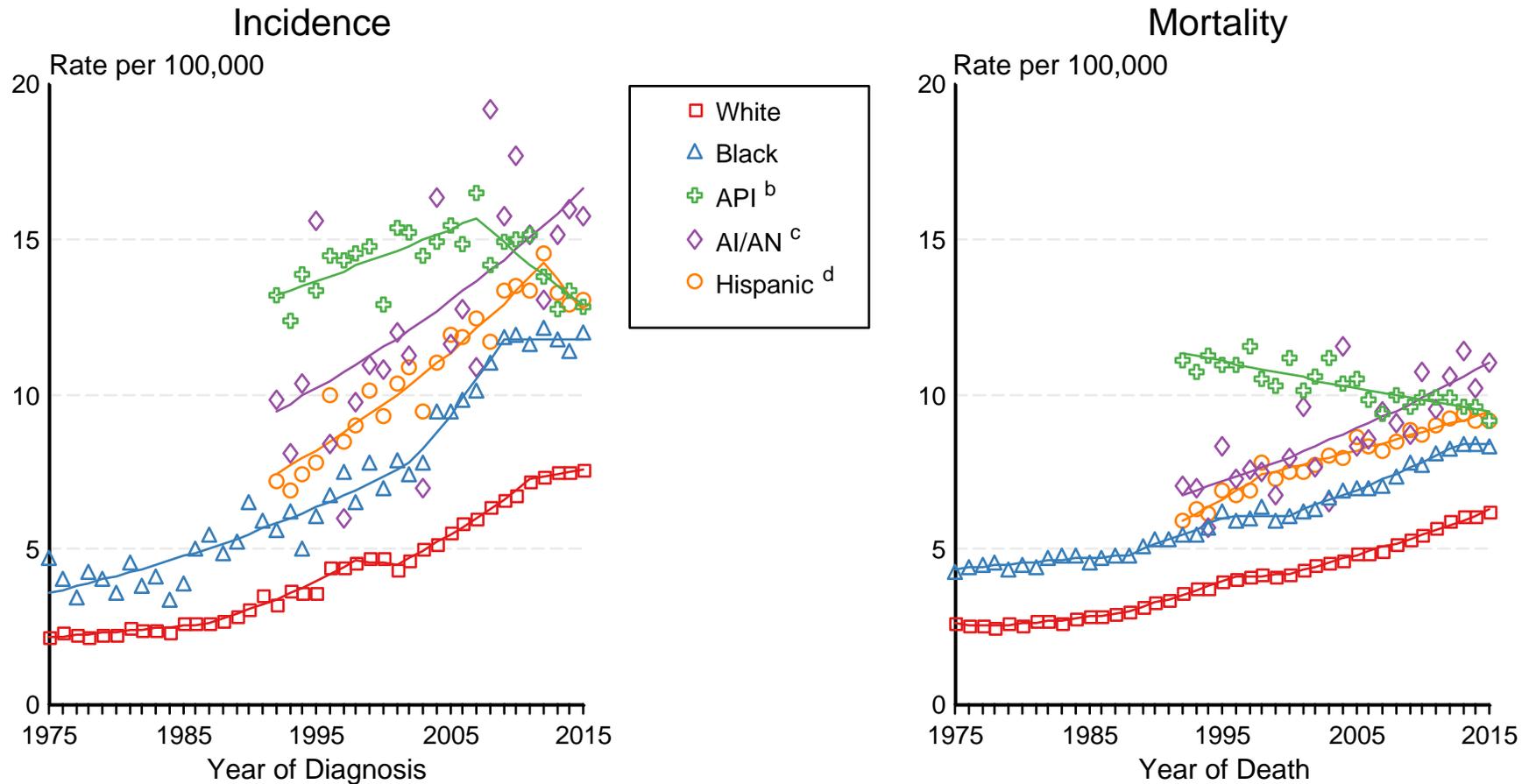
* The APC is significantly different from zero (p<.05).

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 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	54.6	63.8	47.8	-2.3*	-2.9*	-1.8*	-2.1*	-2.8*	-1.6*
White	56.1	63.9	50.2	-2.3*	-2.9*	-1.8*	-2.1*	-2.8*	-1.5*
White Hispanic ^e	28.6	35.2	23.9	-1.3*	-2.1*	-0.4*	-	-	-
White Non-Hispanic ^e	60.7	68.6	54.8	-2.2*	-2.7*	-1.7*	-	-	-
Black	61.4	81.2	47.9	-3.0*	-4.0*	-1.9*	-3.0*	-3.0*	-1.9*
Asian/Pacific Islander	35.6	45.9	28.0	-1.5*	-2.2*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	37.3	45.4	31.2	-1.2*	-1.8*	-3.6*	-	-	-
Hispanic ^e	27.8	34.1	23.2	-1.3*	-2.1*	-0.4*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	43.4	53.8	35.4	-2.6*	-3.3*	-1.9*			
White	44.1	53.9	36.6	-2.4*	-3.2*	-1.8*			
White Hispanic ^e	19.9	27.9	14.0	-2.3*	-3.2*	-1.1*			
White Non-Hispanic ^e	46.5	56.3	39.0	-2.3*	-3.1*	-1.7*			
Black	46.2	65.1	33.5	-3.2*	-3.8*	-2.5*			
Asian/Pacific Islander	23.4	31.2	17.8	-1.6*	-2.4*	-0.5*			
Amer Ind/Alaska Nat									
Total U.S.	28.7	35.3	23.7	-2.8*	-2.2*	-2.7*			
CHSDA Counties	36.7	45.0	30.6	-1.8*	-1.2*	-1.7*			
Non-CHSDA Counties	19.9	24.8	15.9	-2.5*	-3.4*	-2.5*			
Hispanic ^e	18.9	26.5	13.3	-2.4*	-3.4*	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

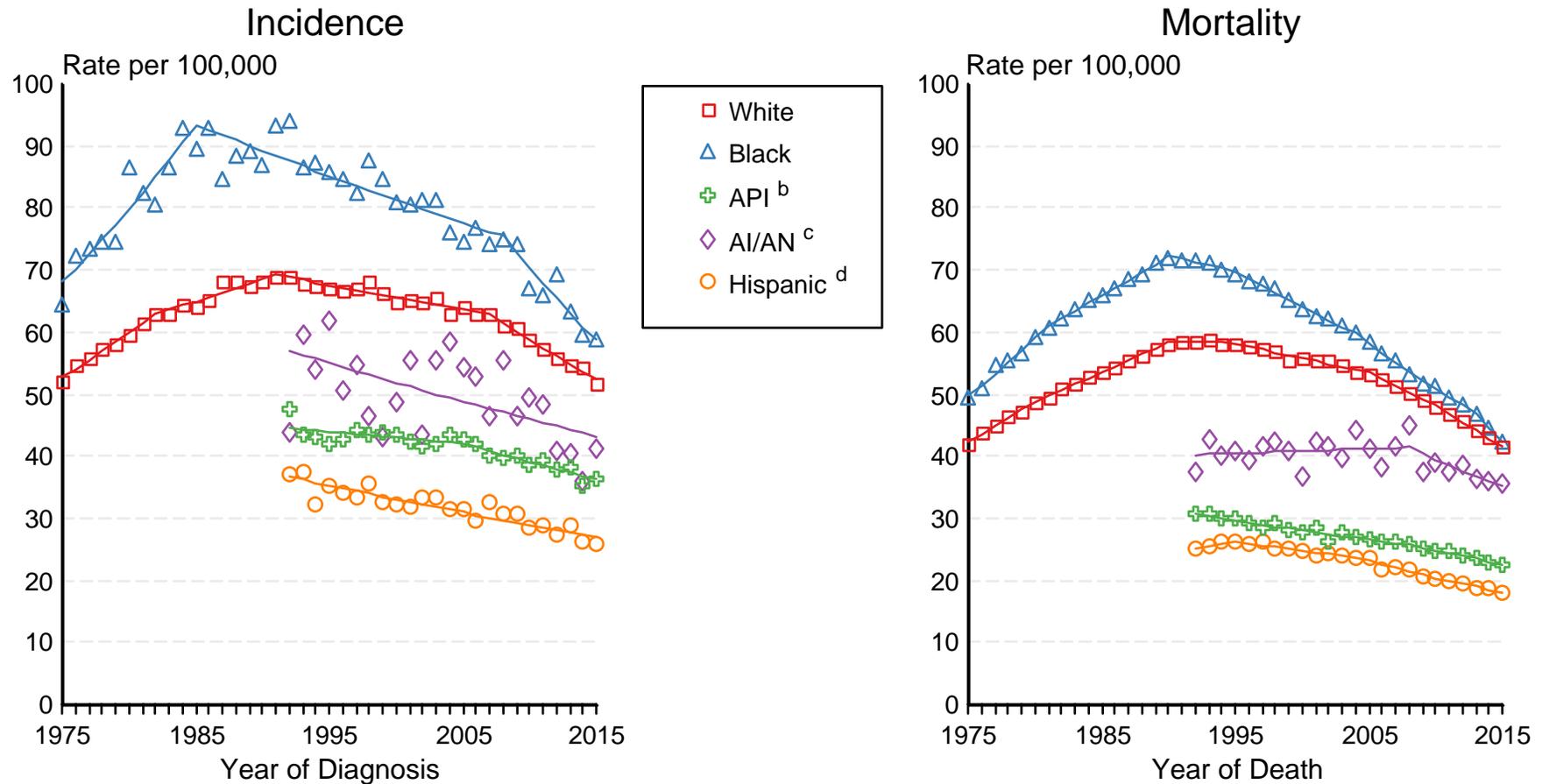
h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	22.8	29.8	17.7	1.7*	1.8*	1.7	1.5*	1.6*	1.9
White	27.3	35.2	21.5	1.7	1.4*	1.4	1.7*	1.7*	1.9*
White Hispanic ^e	4.9	5.2	4.9	1.0*	1.2*	0.8	-	-	-
White Non-Hispanic ^e	32.5	41.2	26.1	1.7*	1.7*	1.8*	-	-	-
Black	1.1	1.1	1.0	-1.0	-2.5*	0.0	-0.2	-0.5	-0.1
Asian/Pacific Islander	1.4	1.7	1.3	0.6	1.1*	0.2	-	-	-
Amer Ind/Alaska Nat ^f	5.2	5.0	5.5	2.9*	2.2	3.3*	-	-	-
Hispanic ^e	4.8	5.1	4.8	0.9*	1.3*	0.6	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	2.6	3.9	1.6	-1.2*	-1.2	-1.4*			
White	3.0	4.5	1.9	-1.0	-1.0	-0.4*			
White Hispanic ^e	0.8	1.0	0.6	-0.4	-0.2	-0.6			
White Non-Hispanic ^e	3.3	4.8	2.0	-0.8	-0.8	-0.2			
Black	0.4	0.5	0.3	-1.2*	-0.2	-1.9*			
Asian/Pacific Islander	0.3	0.4	0.3	-1.0	-1.7*	-0.3			
Amer Ind/Alaska Nat									
Total U.S.	0.6	0.7	0.4	-0.5	0.2	-0.8			
CHSDA Counties	0.8	1.1	0.5	0.0	1.5	-			
Non-CHSDA Counties	0.4	-	-	-0.1	-	-			
Hispanic ^e	0.7	1.0	0.6	-0.4	-0.3	-0.6			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

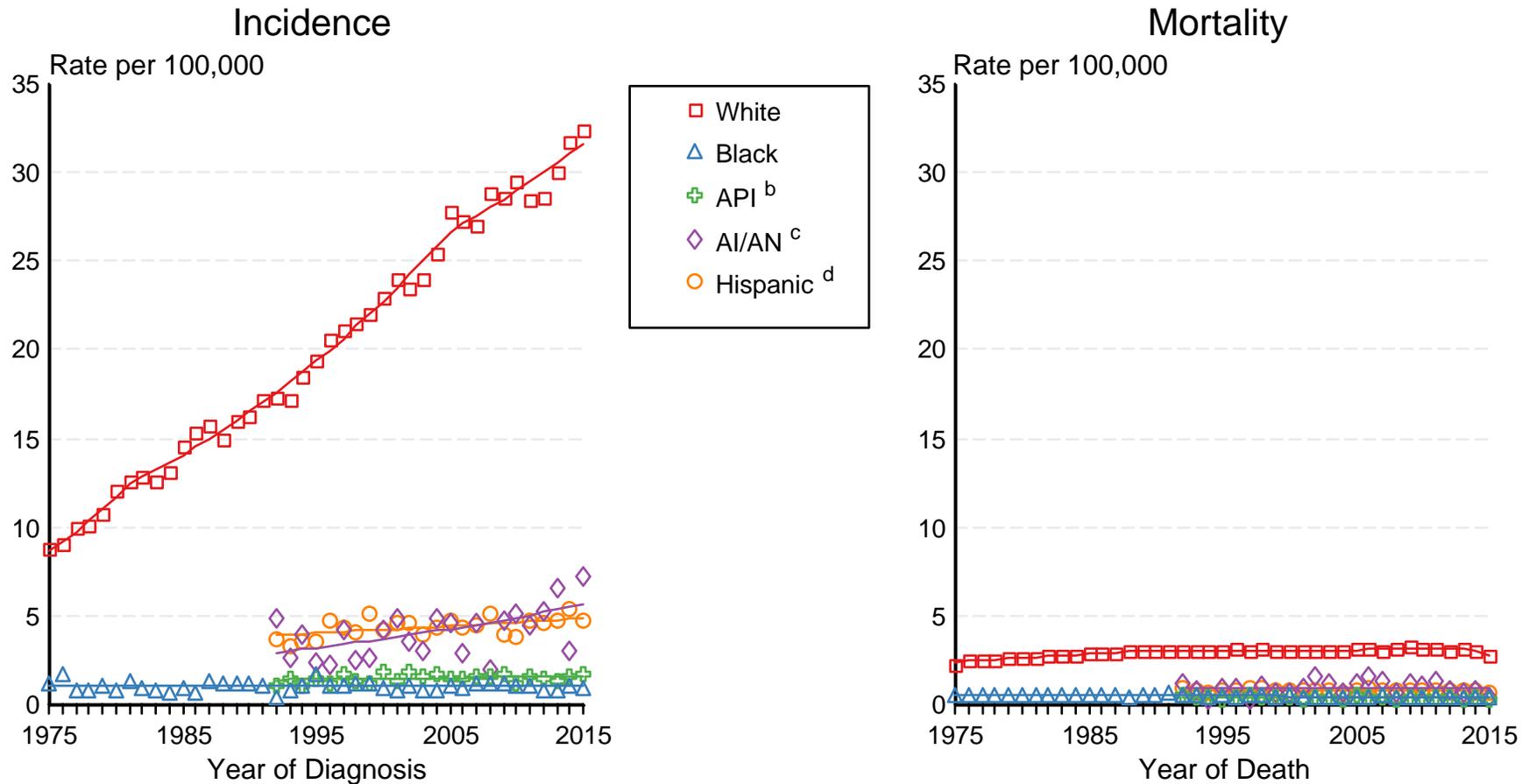
* The APC is significantly different from zero (p<.05).

Figure 16.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.9	1.6	0.4	-1.1*	-1.5*	-0.2	-1.1*	-1.5*	-0.2
White	1.0	1.8	0.5	-0.8*	-1.2*	0.1	-0.7*	-1.3*	0.6*
White Hispanic ^e	0.9	1.6	0.4	-1.4*	-1.6*	-1.4	-	-	-
White Non-Hispanic ^e	1.1	1.9	0.5	-0.7*	-1.2*	0.2	-	-	-
Black	0.5	0.9	0.3	-3.2*	-3.5*	-1.5	-4.3*	-4.1*	-
Asian/Pacific Islander	0.3	0.6	0.2	-1.1	-1.0	-0.7	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.9	1.5	0.4	-1.4*	-1.4*	-1.7	-	-	-

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	6.7	8.4	5.3	0.9	1.1	0.5*	0.9*	0.9*	0.7*
White	6.1	7.9	4.7	0.7*	0.8*	0.4*	0.8*	0.9*	0.6*
White Hispanic ^e	6.3	7.8	5.1	0.3	0.4	0.1	-	-	-
White Non-Hispanic ^e	6.0	7.8	4.6	0.8*	0.9*	0.4*	-	-	-
Black	13.4	15.9	11.6	0.7*	1.0*	0.4	0.1	-0.6	0.9*
Asian/Pacific Islander	3.9	4.9	3.1	0.7*	0.8*	0.7	-	-	-
Amer Ind/Alaska Nat ^f	5.8	6.2	5.5	0.8	1.3	0.3	-	-	-
Hispanic ^e	6.2	7.6	5.0	0.4*	0.4	0.2	-	-	-
U.S. Mortality ^g									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	3.3	4.2	2.7	-0.7	-0.6*	-0.7*			
White	3.1	4.0	2.4	-0.5*	-0.9*	-0.8*			
White Hispanic ^e	2.9	3.6	2.4	-0.6*	-0.5*	-1.3*			
White Non-Hispanic ^e	3.1	4.0	2.4	-0.5*	-0.9*	-0.8*			
Black	6.2	7.5	5.5	-0.5	-1.3*	-0.1			
Asian/Pacific Islander	1.6	2.0	1.3	-0.7*	-0.4	-0.9			
Amer Ind/Alaska Nat									
Total U.S.	2.1	2.4	1.9	-2.0*	-2.1*	-2.1*			
CHSDA Counties	3.0	3.4	2.7	-1.5*	-1.3*	-1.7			
Non-CHSDA Counties	1.2	1.3	1.1	-2.1*	-3.0*	-			
Hispanic ^e	2.8	3.4	2.3	-0.7*	-0.6*	-0.9*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

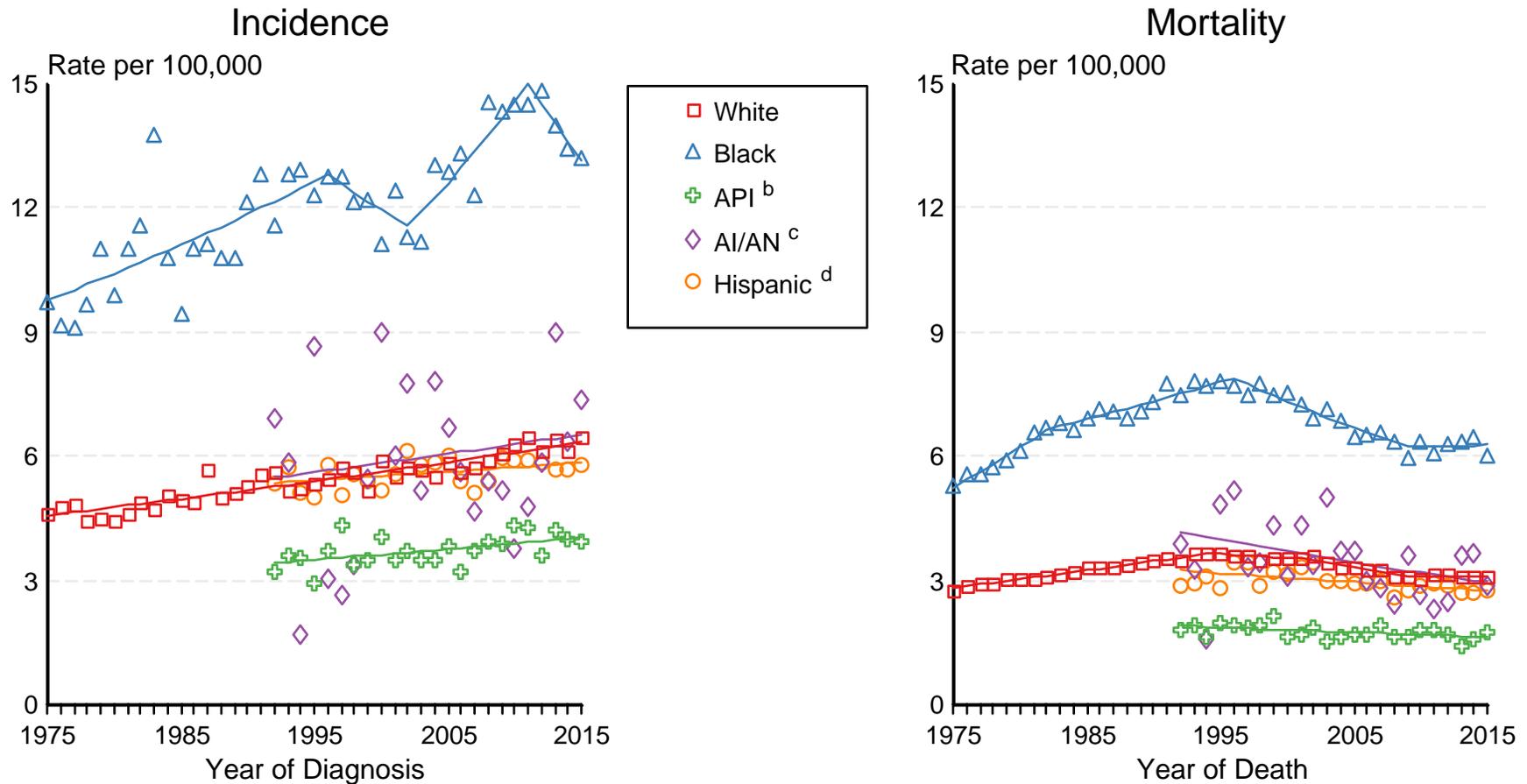
h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.4	23.6	15.9	-0.6*	-0.5	-0.8*	-0.7*	-0.4	-0.9*
White	20.3	24.7	16.8	-0.7*	-0.7*	-0.7*	-0.7*	-0.5	-0.8*
White Hispanic ^e	18.0	20.9	15.7	0.4*	0.1	0.8*	-	-	-
White Non-Hispanic ^e	20.8	25.4	17.0	-0.7*	-0.5*	-0.9*	-	-	-
Black	14.4	17.5	12.1	-1.0*	-0.2	-1.0	-1.2*	-0.4	-1.3
Asian/Pacific Islander	13.6	16.7	11.1	0.2	0.3*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	11.8	12.9	10.8	1.3	0.6	1.7	-	-	-
Hispanic ^e	17.5	20.2	15.3	0.4*	0.1	0.9*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	5.7	7.4	4.5	-2.2*	-2.0*	-2.7*			
White	6.0	7.7	4.6	-2.2*	-2.0*	-2.8*			
White Hispanic ^e	5.2	6.5	4.1	-2.0*	-1.5*	-2.1*			
White Non-Hispanic ^e	6.0	7.8	4.7	-2.3*	-2.0*	-2.8*			
Black	4.2	5.4	3.4	-2.2*	-2.3*	-2.2*			
Asian/Pacific Islander	4.0	5.0	3.2	-1.8*	-1.8*	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	3.1	4.0	2.4	-1.9*	-1.6*	-2.4*			
CHSDA Counties	4.4	5.6	3.4	-0.7	-0.4	-1.1			
Non-CHSDA Counties	1.8	2.4	1.3	-5.3*	-2.3	-4.7*			
Hispanic ^e	4.8	6.1	3.9	-1.7*	-1.1*	-2.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

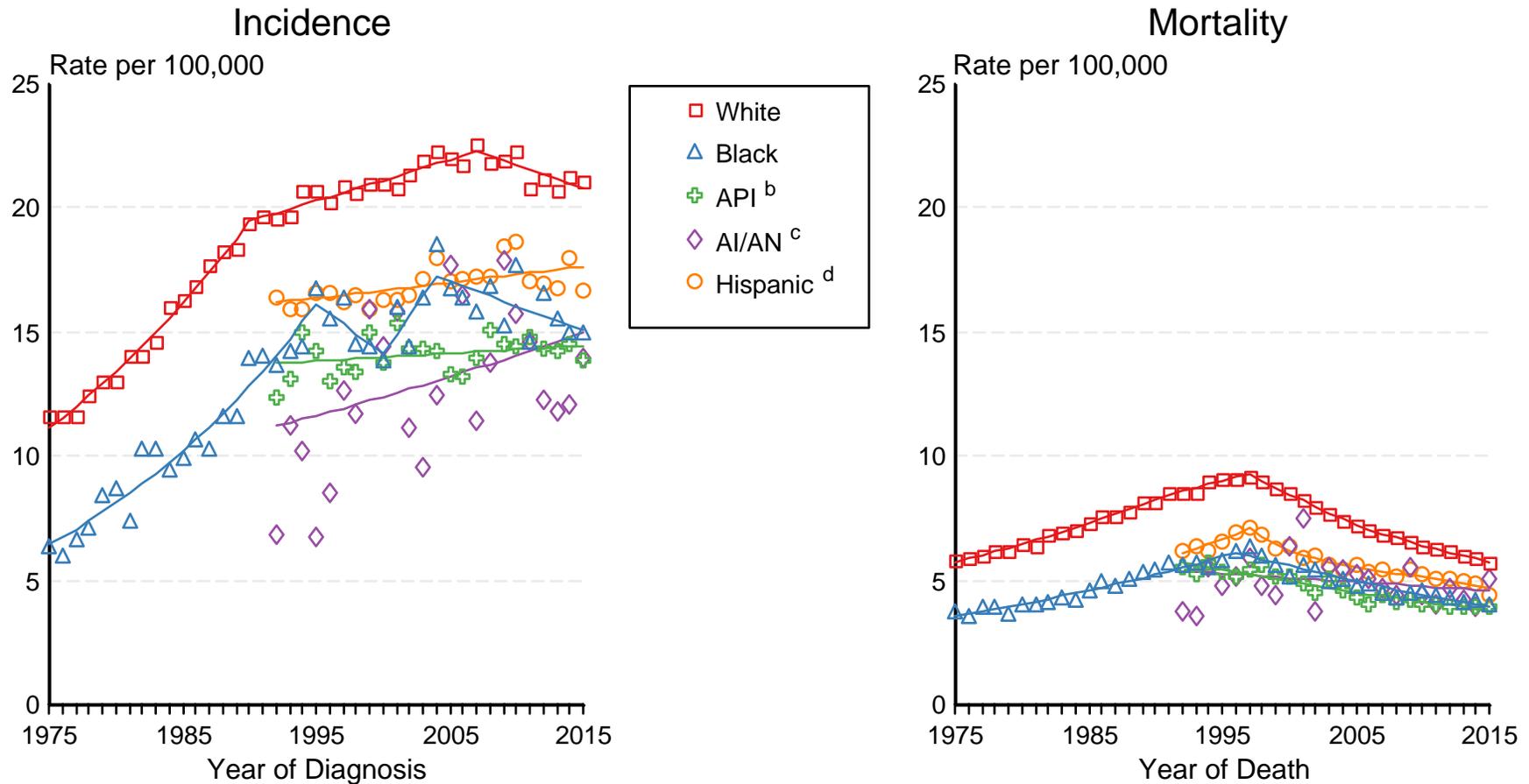
- Statistic not shown. Rate based on less than 16 cases for the time interval.
- a Trend based on less than 10 cases for at least one year within the time interval.
- a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 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.
- b The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- b 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.
- d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.
- 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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- g US Mortality Files, National Center for Health Statistics, CDC.
- h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.
- * 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 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d			
	Rate per 100,000 persons			AAPC (%)			AAPC (%)			
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females	
All Races	11.3	17.1	6.3	0.5*	0.7*	0.0	0.7*	0.9*	0.2	
White	11.9	18.0	6.5	1.0*	1.2*	0.3	1.1*	1.3*	0.5	
White Hispanic ^e	6.7	10.0	4.0	0.8	-0.5	-0.1	-	-	-	
White Non-Hispanic ^e	13.0	19.6	7.0	1.2*	1.4*	0.4	-	-	-	
Black	9.0	14.0	5.1	-2.4*	-2.7*	-1.7*	-2.4*	-2.8*	-1.5*	
Asian/Pacific Islander	7.8	11.1	5.1	-0.7*	-0.8*	-0.4	-	-	-	
Amer Ind/Alaska Nat ^f	9.0	12.3	6.1	-0.9	-1.7*	0.2	-	-	-	
Hispanic ^e	6.5	9.6	3.9	0.6	-0.6	-0.2	-	-	-	
<u>U.S. Mortality^g</u>										
	Rate 2011-2015			Trend 2006-2015 ^h						
	Rate per 100,000 persons			AAPC (%)						
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females				
All Races	2.5	3.9	1.3	0.0	0.3	-0.7*				
White	2.5	3.8	1.3	0.6*	0.8*	-0.6*				
White Hispanic ^e	1.6	2.6	0.8	0.3	0.1	-0.6				
White Non-Hispanic ^e	2.6	3.9	1.4	0.7*	0.9*	-0.8*				
Black	2.8	4.8	1.3	-2.2*	-3.6*	-1.2				
Asian/Pacific Islander	2.0	3.0	1.1	0.4	0.9	-1.6*				
Amer Ind/Alaska Nat										
Total U.S.	1.6	2.5	0.8	-2.3*	-2.5*	-2.3*				
CHSDA Counties	2.2	3.7	1.0	-1.5*	-1.7*	-1.5				
Non-CHSDA Counties	0.9	1.2	0.6	-3.4*	-	-				
Hispanic ^e	1.5	2.4	0.8	0.1	0.3	-0.7*				

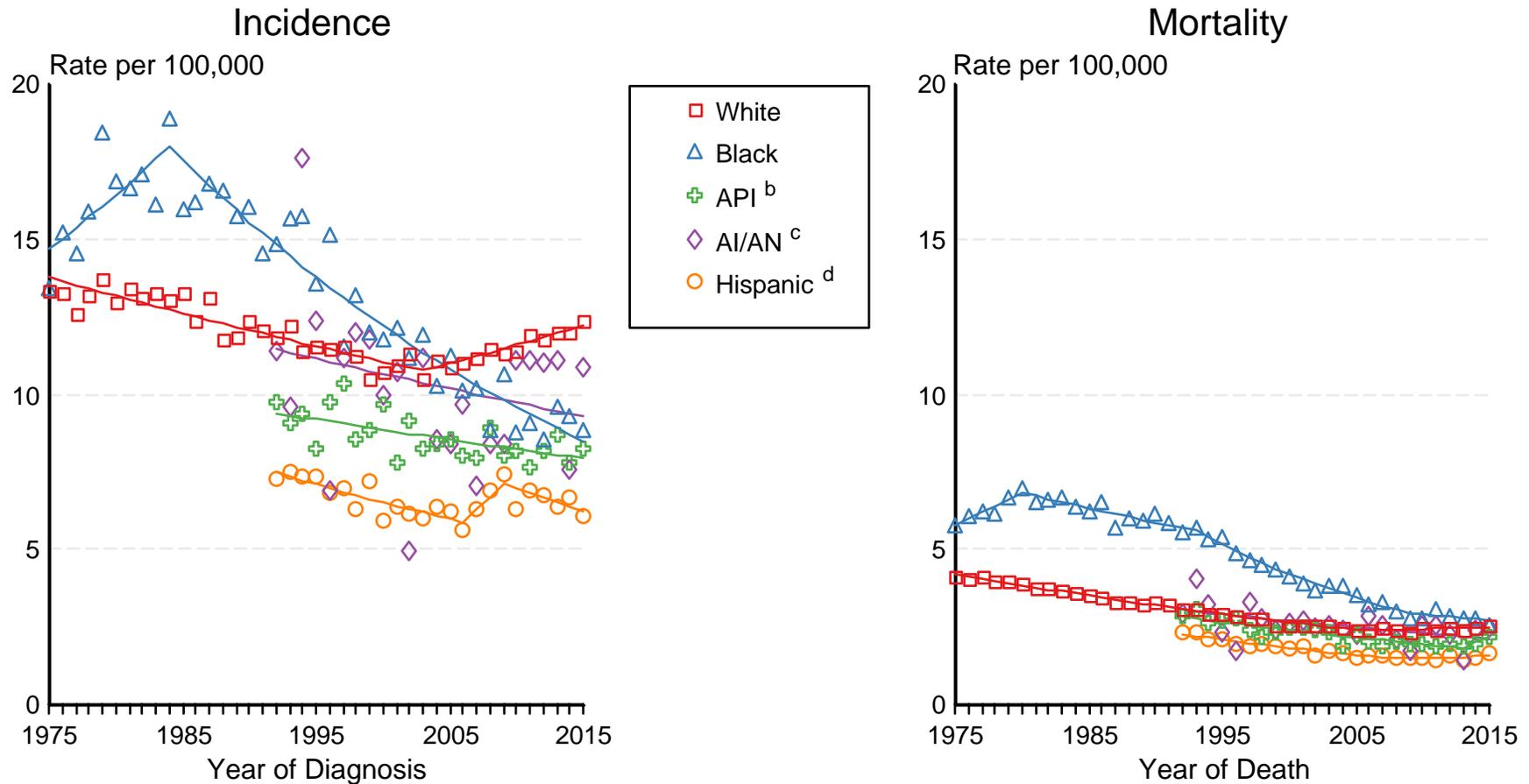
The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.
- a 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.
- b The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- b 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.
- d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.
- 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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- g US Mortality Files, National Center for Health Statistics, CDC.
- h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.
- * 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

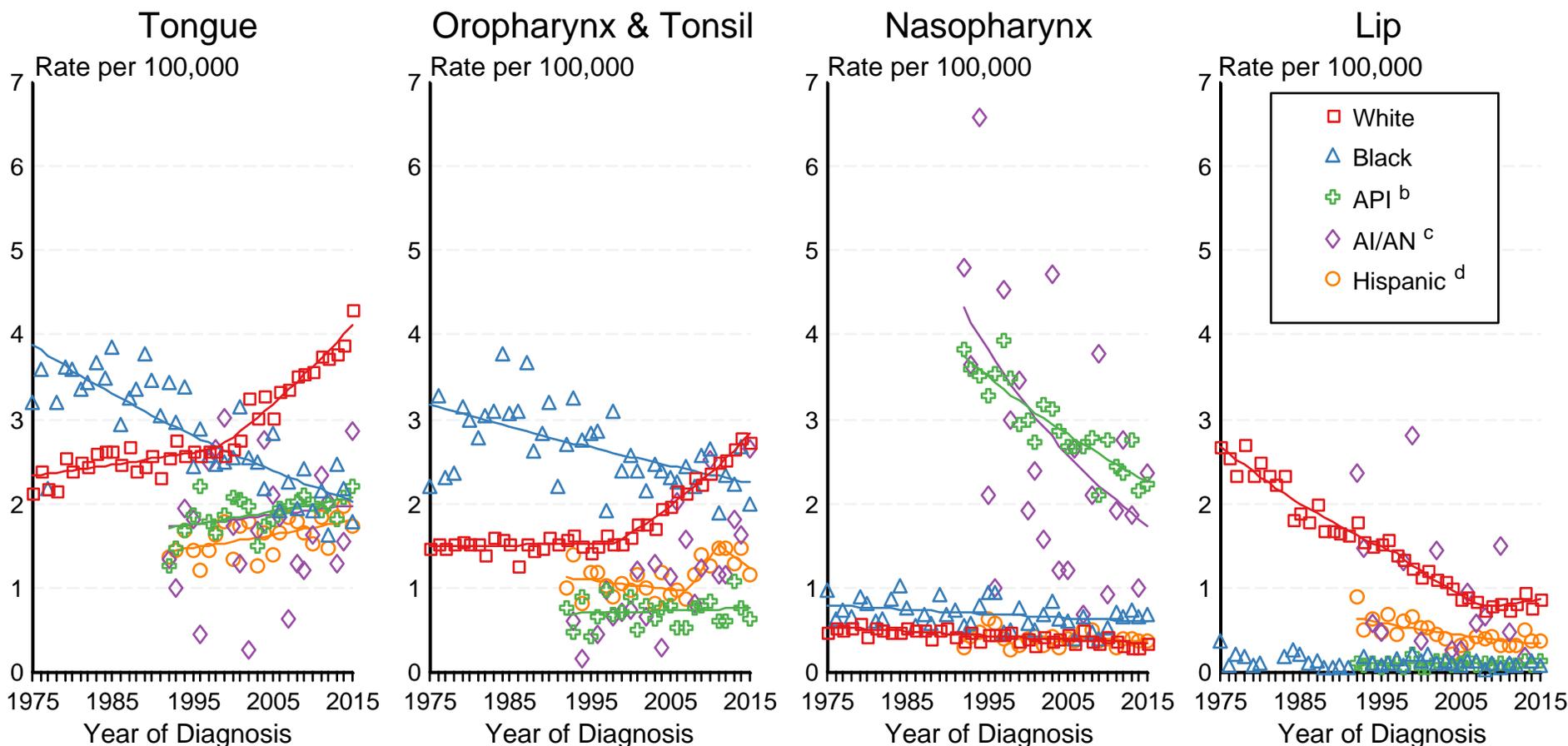
Figure 20.3

SEER Incidence Rates^a

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 2011-2015	Trend 2006-2015 ^c	Trend 2006-2015 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	11.6	-1.4*	-1.5*
White	12.1	-1.5*	-1.5*
White Hispanic ^e	10.9	-0.4	-
White Non-Hispanic ^e	12.3	-1.5*	-
Black	9.3	-0.6*	-0.5*
Asian/Pacific Islander	9.6	-0.5*	-
Amer Ind/Alaska Nat ^f	9.0	-0.9	-
Hispanic ^e	10.4	-0.5	-
<u>U.S. Mortality^g</u>			
	Rate 2011-2015	Trend 2006-2015 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	7.2	-2.3*	
White	7.5	-2.3*	
White Hispanic ^e	5.7	-1.6*	
White Non-Hispanic ^e	7.6	-2.5*	
Black	6.3	-1.1*	
Asian/Pacific Islander	4.4	-0.5*	
Amer Ind/Alaska Nat			
Total U.S.	4.6	-0.6	
CHSDA Counties	6.3	0.0	
Non-CHSDA Counties	2.7	-1.0	
Hispanic ^e	5.4	-1.8*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

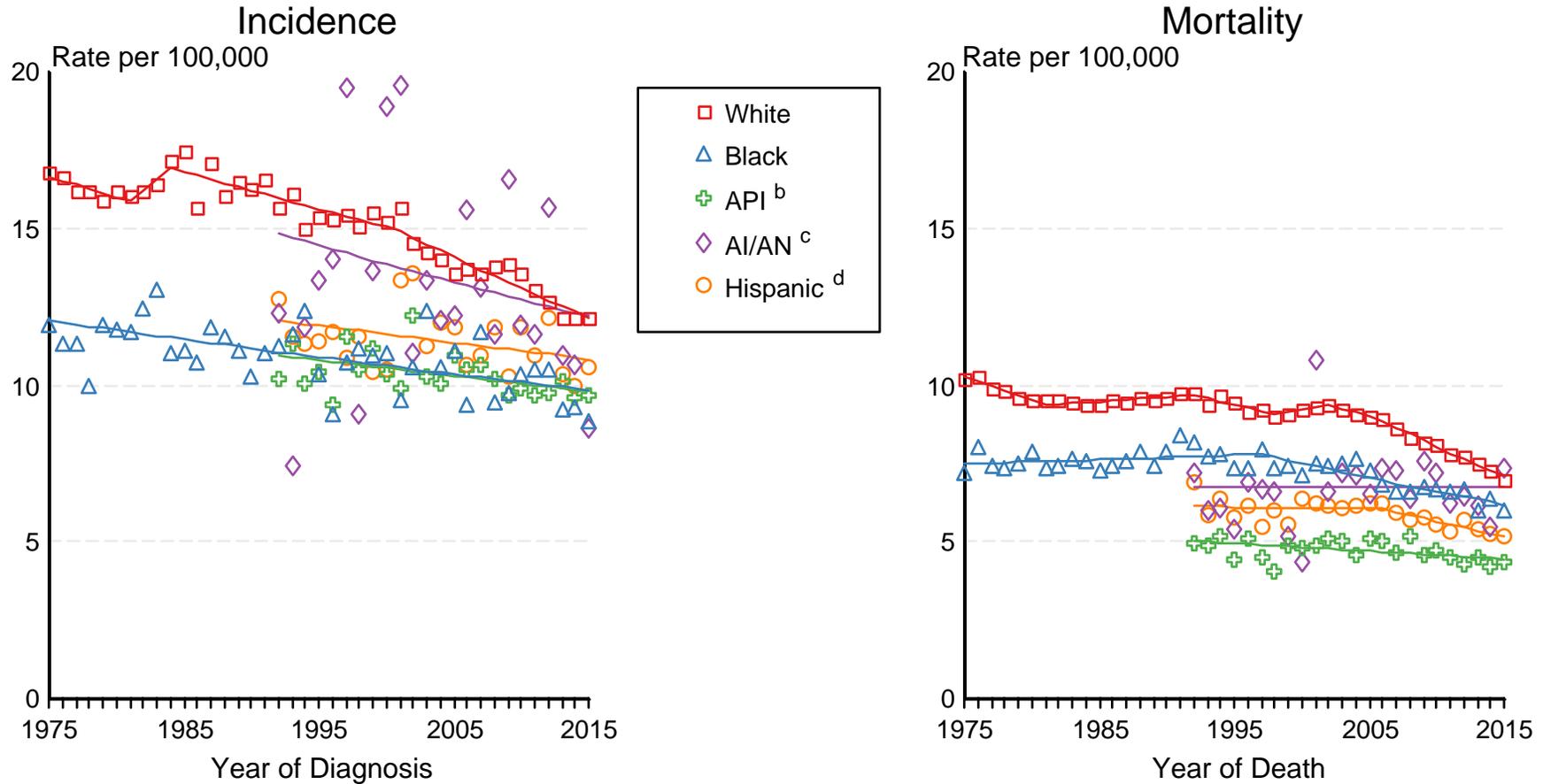
^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.6	14.4	11.2	0.3	0.1	0.7*	0.4	0.1	0.9*
White	12.6	14.4	11.1	0.4*	0.8*	0.8*	0.5	0.9*	1.0*
White Hispanic ^e	11.6	12.5	10.8	0.7*	0.6*	0.8*	-	-	-
White Non-Hispanic ^e	12.8	14.8	11.2	0.5*	0.8*	0.8*	-	-	-
Black	15.5	16.9	14.3	-0.8*	-0.2	-0.3	-0.1	-0.3*	0.1
Asian/Pacific Islander	10.0	11.0	9.2	0.6*	0.1	1.0*	-	-	-
Amer Ind/Alaska Nat ^f	9.3	11.3	7.8	-1.1	1.4	-0.6	-	-	-
Hispanic ^e	11.2	12.0	10.5	0.7*	0.6*	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	10.9	12.6	9.5	0.1	0.2*	0.0			
White	10.8	12.6	9.4	0.4*	0.4*	0.1			
White Hispanic ^e	9.0	10.1	8.2	0.4*	0.2	0.4*			
White Non-Hispanic ^e	11.0	12.8	9.5	0.4*	0.4*	0.1			
Black	13.3	14.8	12.2	-0.4*	-0.5*	-0.4*			
Asian/Pacific Islander	7.7	8.3	7.3	0.1	-0.3	0.5*			
Amer Ind/Alaska Nat									
Total U.S.	6.5	7.0	6.1	0.2	0.7	-0.2			
CHSDA Counties	8.8	9.7	8.0	1.2*	1.7*	0.8			
Non-CHSDA Counties	4.1	4.2	4.0	-1.3*	-1.1	-1.5			
Hispanic ^e	8.6	9.5	7.7	0.2*	0.1	0.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

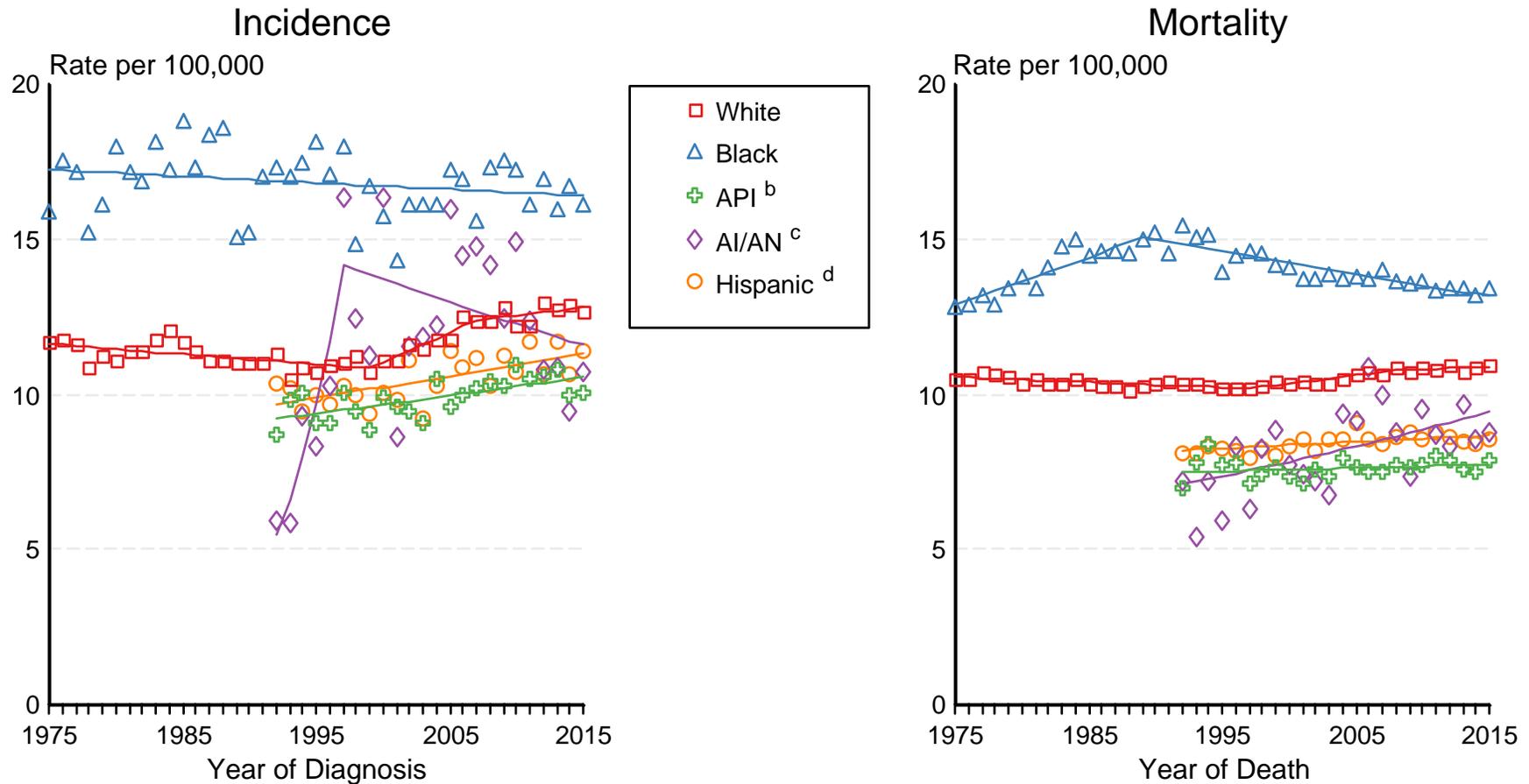
* The APC is significantly different from zero (p<.05).

Figure 22.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015	Trend 2006-2015 ^c	Trend 2006-2015 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	112.6	-5.9*	-5.7*
White	105.7	-6.2*	-6.0*
White Hispanic ^e	88.8	-7.3*	-
White Non-Hispanic ^e	108.8	-6.2*	-
Black	178.3	-5.8*	-5.5*
Asian/Pacific Islander	59.1	-7.2*	-
Amer Ind/Alaska Nat ^f	54.8	-6.7*	-
Hispanic ^e	91.8	-6.6*	-
<u>U.S. Mortality^g</u>			
	Rate 2011-2015	Trend 2006-2015 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	19.5	-2.9*	
White	18.2	-2.7*	
White Hispanic ^e	16.8	-2.5*	
White Non-Hispanic ^e	18.2	-2.7*	
Black	39.9	-4.2*	
Asian/Pacific Islander	8.8	-3.2*	
Amer Ind/Alaska Nat			
Total U.S.	14.7	-2.6*	
CHSDA Counties	19.8	-1.5*	
Non-CHSDA Counties	9.3	-4.1*	
Hispanic ^e	16.2	-2.8*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

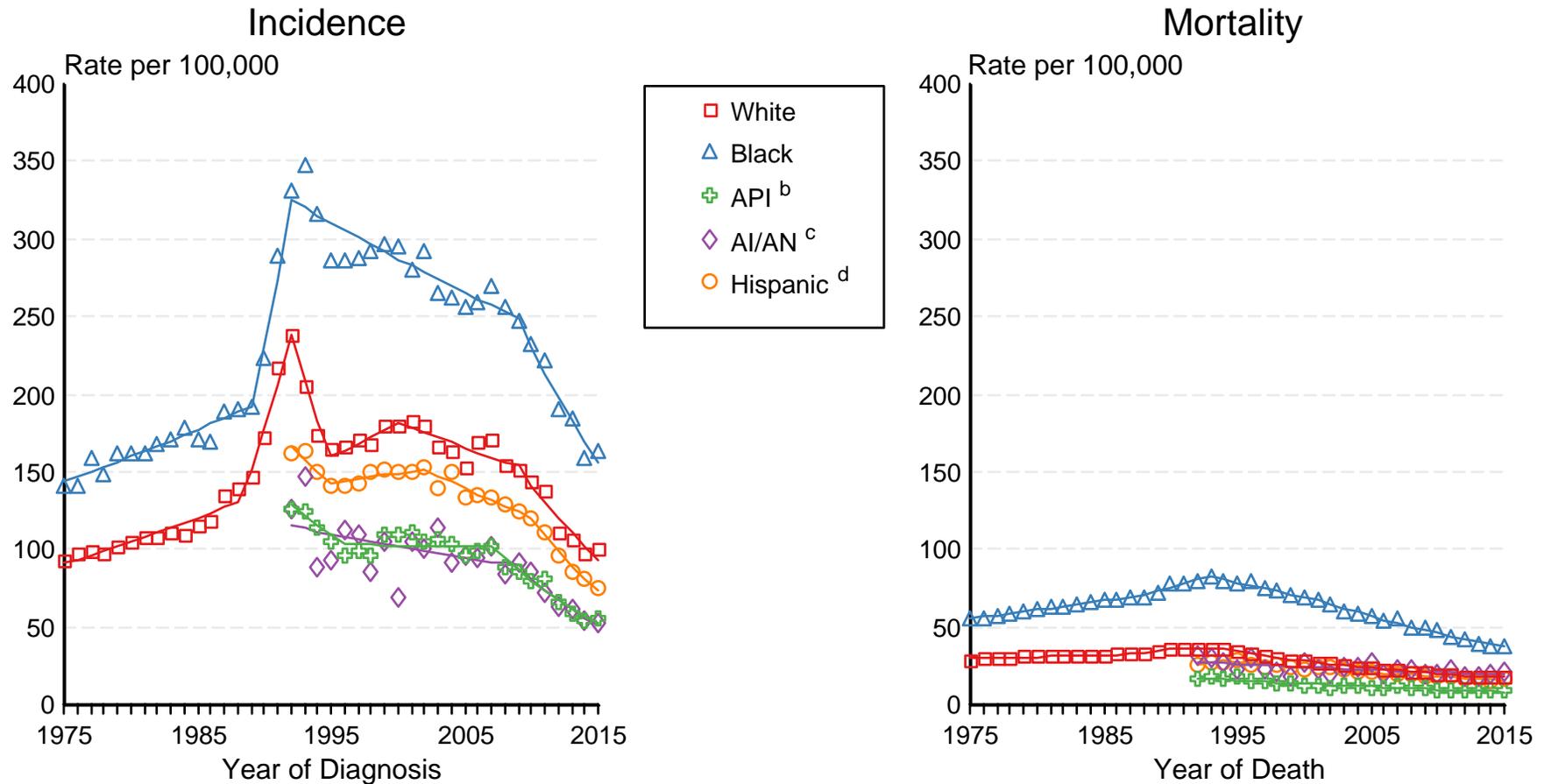
^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	7.2	9.8	5.2	-1.3*	-1.7*	-0.9*	-1.5*	-1.8*	-1.0*
White	6.5	8.9	4.5	-1.1*	-1.6*	-0.8*	-1.3*	-1.8*	-1.1*
White Hispanic ^e	10.6	13.3	8.6	-1.5*	-2.0*	-0.9*	-	-	-
White Non-Hispanic ^e	5.6	8.1	3.6	-1.5*	-1.8*	-1.4*	-	-	-
Black	10.1	13.6	7.7	-1.8*	-2.2*	-1.2*	-1.6*	-2.1*	-0.9*
Asian/Pacific Islander	10.3	13.6	7.9	-3.0*	-3.0*	-2.9*	-	-	-
Amer Ind/Alaska Nat ^f	10.2	13.7	7.3	-0.4	-0.5	-0.1	-	-	-
Hispanic ^e	10.2	12.8	8.3	-1.5*	-2.0*	-1.0*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	3.2	4.3	2.3	-2.3*	-2.5*	-2.1*			
White	2.8	3.7	2.0	-2.2*	-2.5*	-1.9*			
White Hispanic ^e	5.5	7.1	4.2	-2.1*	-2.4*	-1.8*			
White Non-Hispanic ^e	2.4	3.4	1.7	-2.7*	-3.0*	-3.1*			
Black	5.7	8.3	3.9	-3.3*	-3.2*	-3.1*			
Asian/Pacific Islander	5.3	6.8	4.2	-3.7*	-3.8*	-3.6*			
Amer Ind/Alaska Nat									
Total U.S.	3.4	4.6	2.4	-3.0*	-3.0*	-3.5*			
CHSDA Counties	5.2	7.3	3.5	-2.1*	-2.0*	-2.4*			
Non-CHSDA Counties	1.4	1.8	1.1	-4.3*	-3.7*	-5.5*			
Hispanic ^e	5.1	6.7	4.0	-2.2*	-2.5*	-2.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

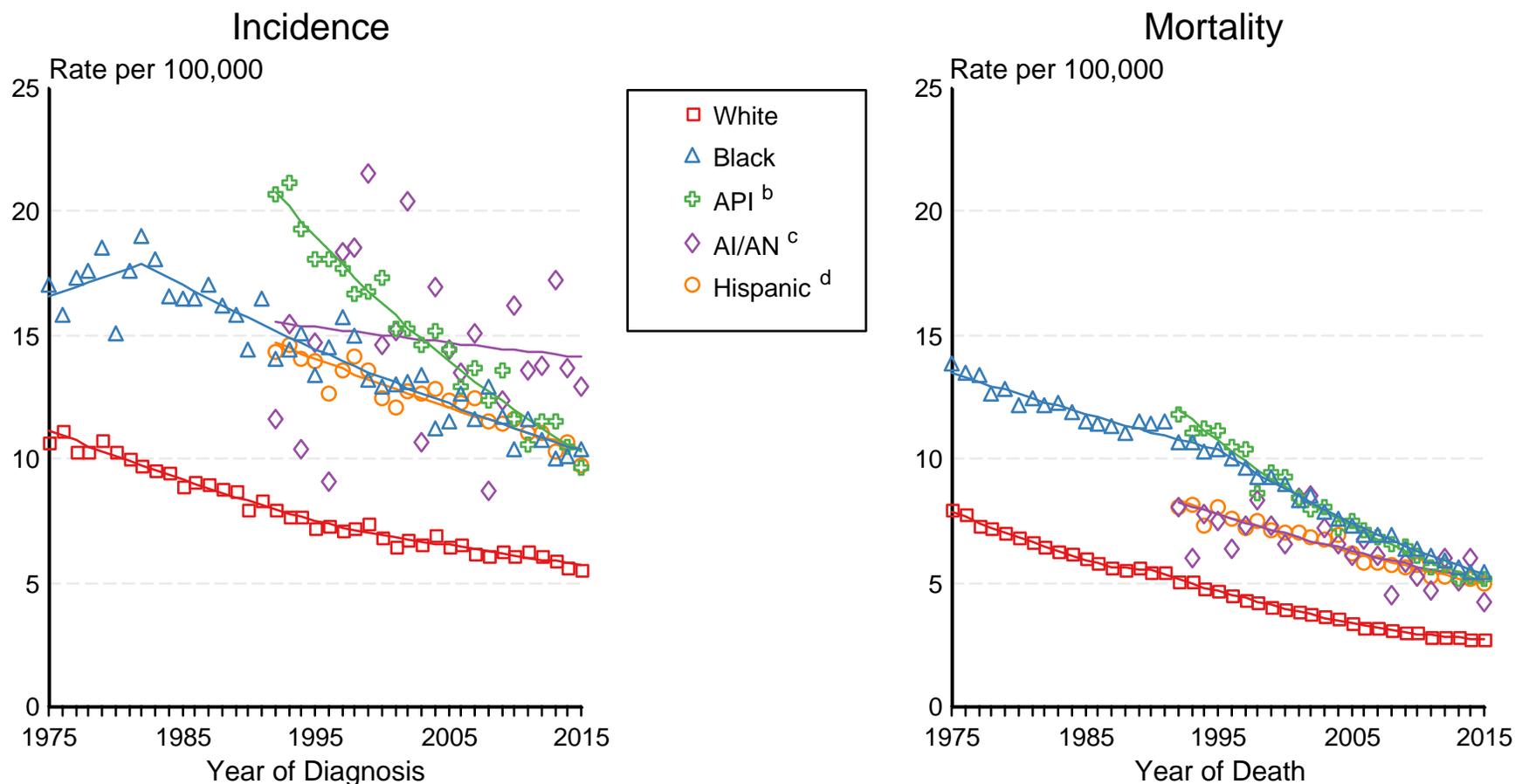
* The APC is significantly different from zero (p<.05).

Figure 24.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015	Trend 2006-2015 ^c	Trend 2006-2015 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	5.7	1.0*	0.8*
White	6.8	1.2*	1.0*
White Hispanic ^e	5.6	3.2*	-
White Non-Hispanic ^e	7.3	-0.2	-
Black	1.5	0.8	2.0*
Asian/Pacific Islander	2.3	1.6*	-
Amer Ind/Alaska Nat ^f	5.6	3.1*	-
Hispanic ^e	5.3	3.0*	-
<u>U.S. Mortality^g</u>			
	Rate 2011-2015	Trend 2006-2015 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	0.2	-0.5*	
White	0.3	-0.3	
White Hispanic ^e	0.3	0.8	
White Non-Hispanic ^e	0.3	-0.5*	
Black	0.1	-0.9	
Asian/Pacific Islander	0.1	-0.8	
Amer Ind/Alaska Nat			
Total U.S.	0.3	-	
CHSDA Counties	0.4	-	
Non-CHSDA Counties	-	-	
Hispanic ^e	0.3	0.6	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

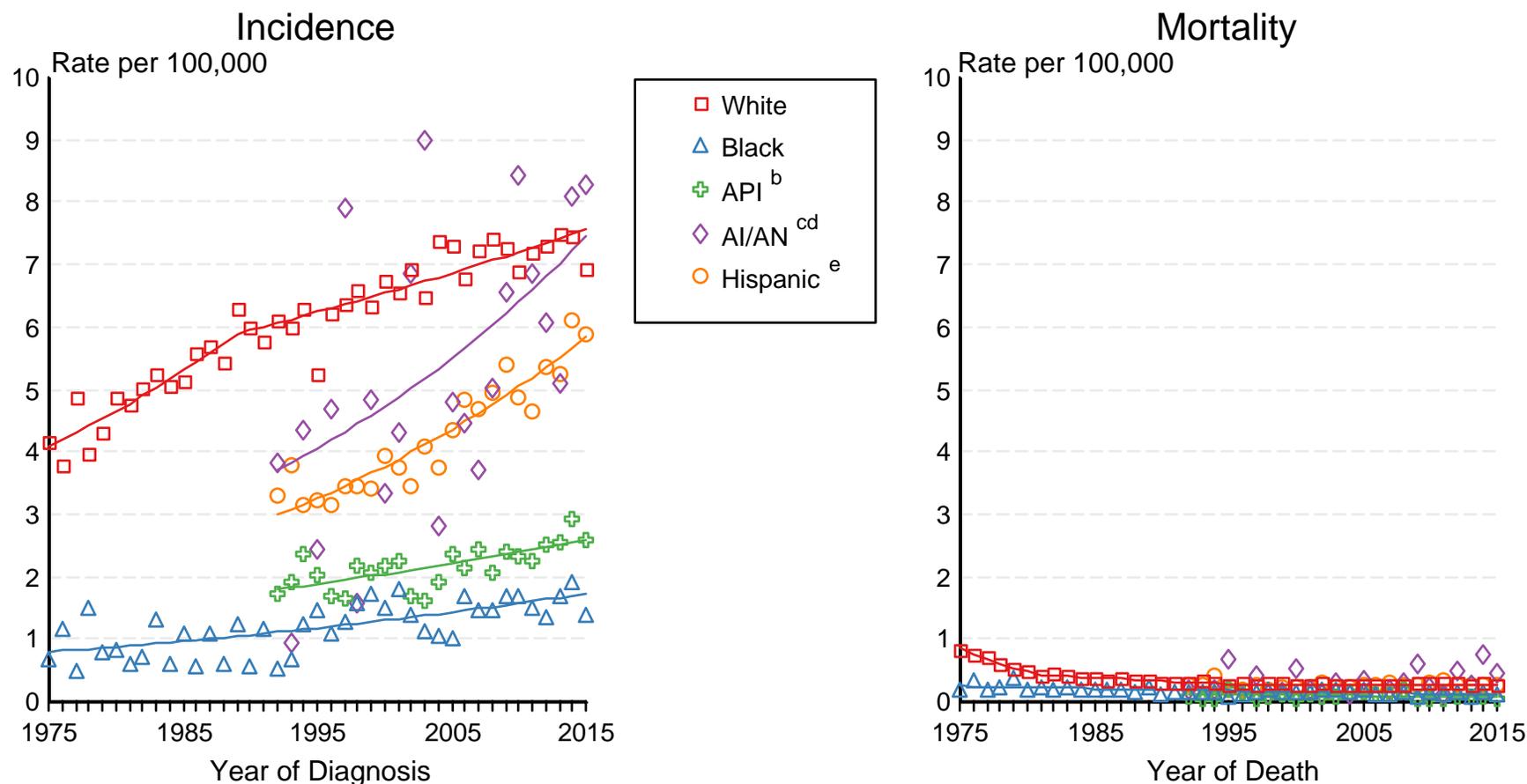
^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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.

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

^a Regression lines are calculated using the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	14.5	7.3	21.4	3.1*	3.4*	3.1*	3.1*	3.1*	3.0*
White	15.3	7.8	22.8	3.1*	3.3*	3.1*	3.1*	3.4*	3.0*
White Hispanic ^e	13.0	5.5	20.4	3.5*	3.9*	3.9*	-	-	-
White Non-Hispanic ^e	16.2	8.5	23.9	3.0*	3.4*	2.9*	-	-	-
Black	8.9	3.8	13.4	3.2*	3.7*	3.5*	3.2*	3.0*	3.7*
Asian/Pacific Islander	14.0	7.0	20.2	3.1*	5.5*	2.3*	-	-	-
Amer Ind/Alaska Nat ^f	9.3	4.0	14.3	3.7*	2.5	4.0*	-	-	-
Hispanic ^e	12.5	5.3	19.6	3.5*	3.9*	3.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	0.5	0.5	0.5	0.7*	1.3*	0.5*			
White	0.5	0.5	0.5	0.7*	1.4*	0.2			
White Hispanic ^e	0.6	0.6	0.7	0.3	1.3*	-0.3			
White Non-Hispanic ^e	0.5	0.5	0.4	0.7*	1.4*	0.2			
Black	0.5	0.4	0.6	0.9*	1.3*	0.8*			
Asian/Pacific Islander	0.6	0.5	0.7	-0.5	0.3	-1.0			
Amer Ind/Alaska Nat									
Total U.S.	0.4	0.4	0.3	1.3	-	-0.8			
CHSDA Counties	0.5	-	0.5	0.8	-	-1.2			
Non-CHSDA Counties	0.3	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.7	0.1	1.2*	-0.5			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

^d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

^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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

^h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

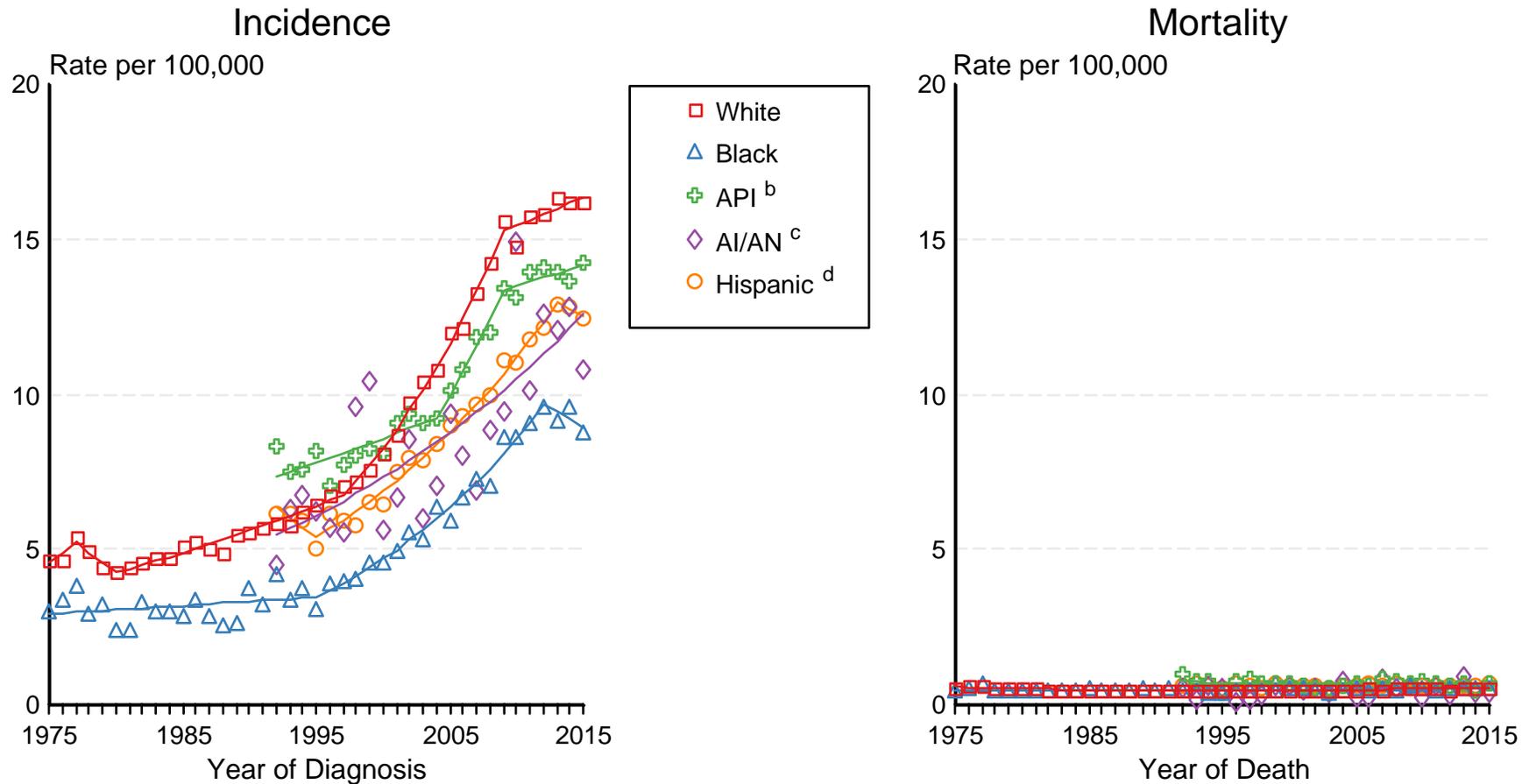
* The APC is significantly different from zero (p<.05).

Figure 26.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2015

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

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 2011-2015			Trend 2006-2015 ^c			Trend 2006-2015 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.5	34.3	8.3	-1.3*	-1.4*	-1.4*	-1.0*	-1.1*	-1.2*
White	21.5	37.6	8.9	-1.2*	-1.4*	-1.4*	-0.9*	-1.2*	-1.0*
White Hispanic ^e	11.1	19.4	5.0	-0.4*	-0.5*	-0.7*	-	-	-
White Non-Hispanic ^e	23.1	40.4	9.6	-1.0*	-1.2*	-1.2*	-	-	-
Black	12.3	20.6	6.7	0.1	0.4	-0.4	0.2*	0.4*	0.1
Asian/Pacific Islander	8.6	15.0	3.9	-1.7*	-2.1*	-0.2	-	-	-
Amer Ind/Alaska Nat ^f	8.8	14.7	4.5	1.4	1.1	4.3*	-	-	-
Hispanic ^e	10.8	18.9	4.8	-0.4*	-0.4	-0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2011-2015			Trend 2006-2015 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.4	7.6	2.2	0.0	-0.1	-0.5*			
White	4.6	8.0	2.2	0.1*	0.0	-0.3*			
White Hispanic ^e	2.5	4.1	1.3	-0.1	-0.3	-0.1			
White Non-Hispanic ^e	4.8	8.3	2.3	0.3*	0.0	-0.2*			
Black	3.5	5.3	2.4	-0.9*	-0.7*	-1.3*			
Asian/Pacific Islander	1.7	2.9	0.9	-0.5	0.0	-1.1*			
Amer Ind/Alaska Nat									
Total U.S.	1.8	2.9	1.1	1.0	1.0	0.2			
CHSDA Counties	2.3	3.6	1.4	2.3*	2.7*	-			
Non-CHSDA Counties	1.3	2.2	0.7	-1.1	-1.0	-			
Hispanic ^e	2.3	3.9	1.3	-0.2	-0.4*	-0.1			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

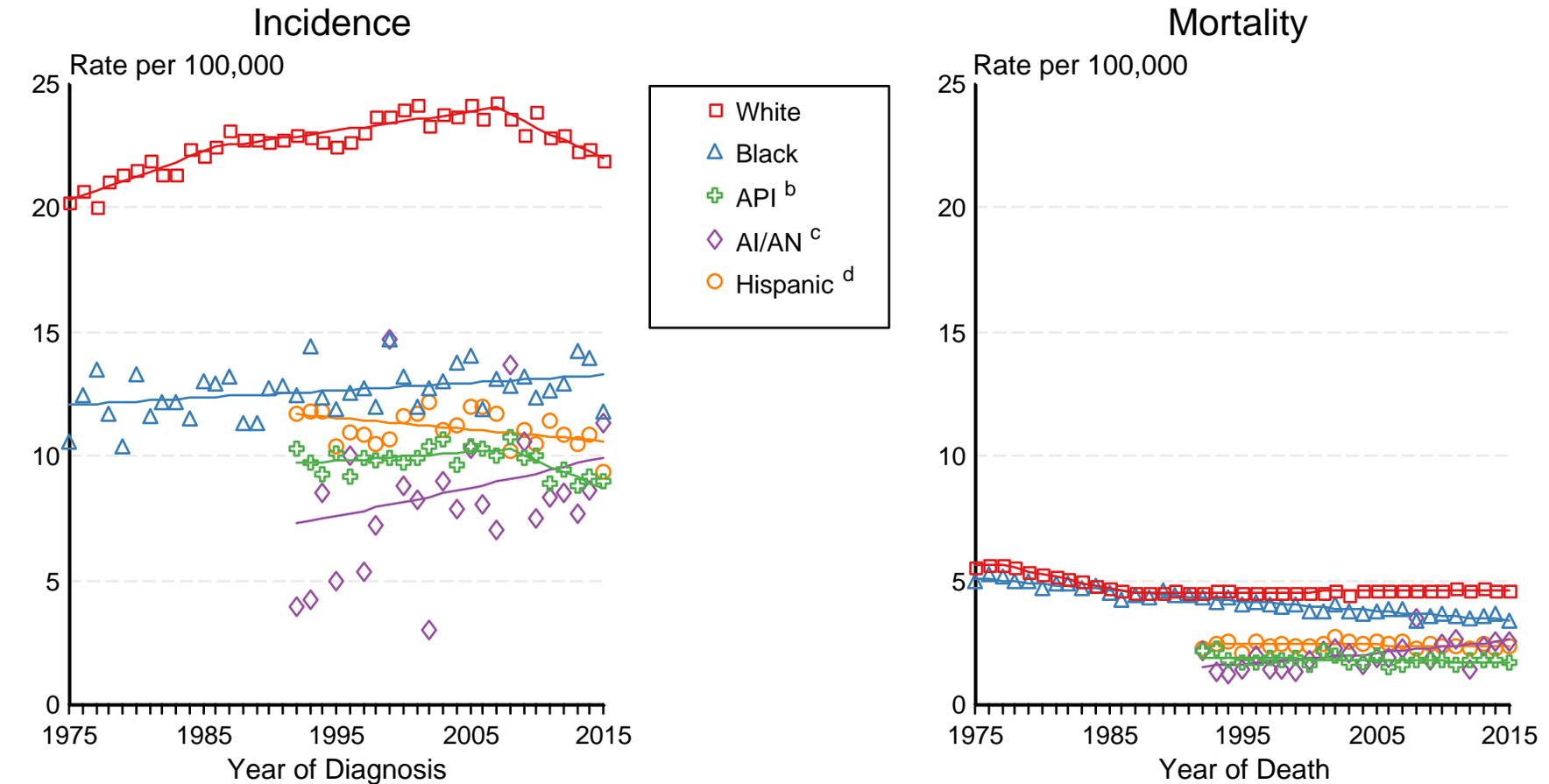
h The 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

* 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 1975-2015 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



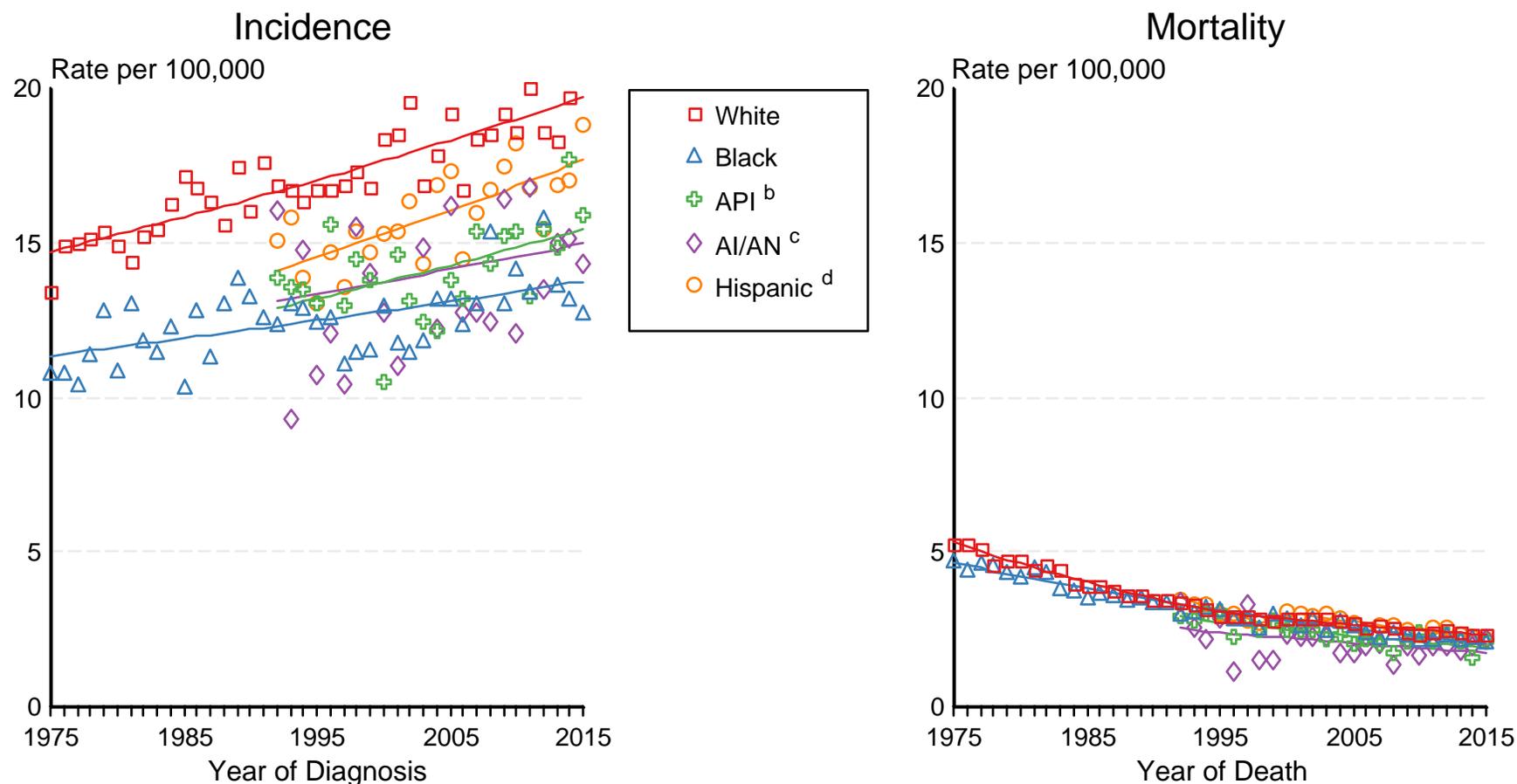
Source: Incidence data for whites and blacks are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta). Incidence data for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics are from the SEER 13 Areas (SEER 9 Areas, San Jose-Monterey, 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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 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 New Hampshire and Oklahoma.

Figure 28.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2015 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2015



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 4.6, February 2018, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2015 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2015 allow a maximum of 4 joinpoints.

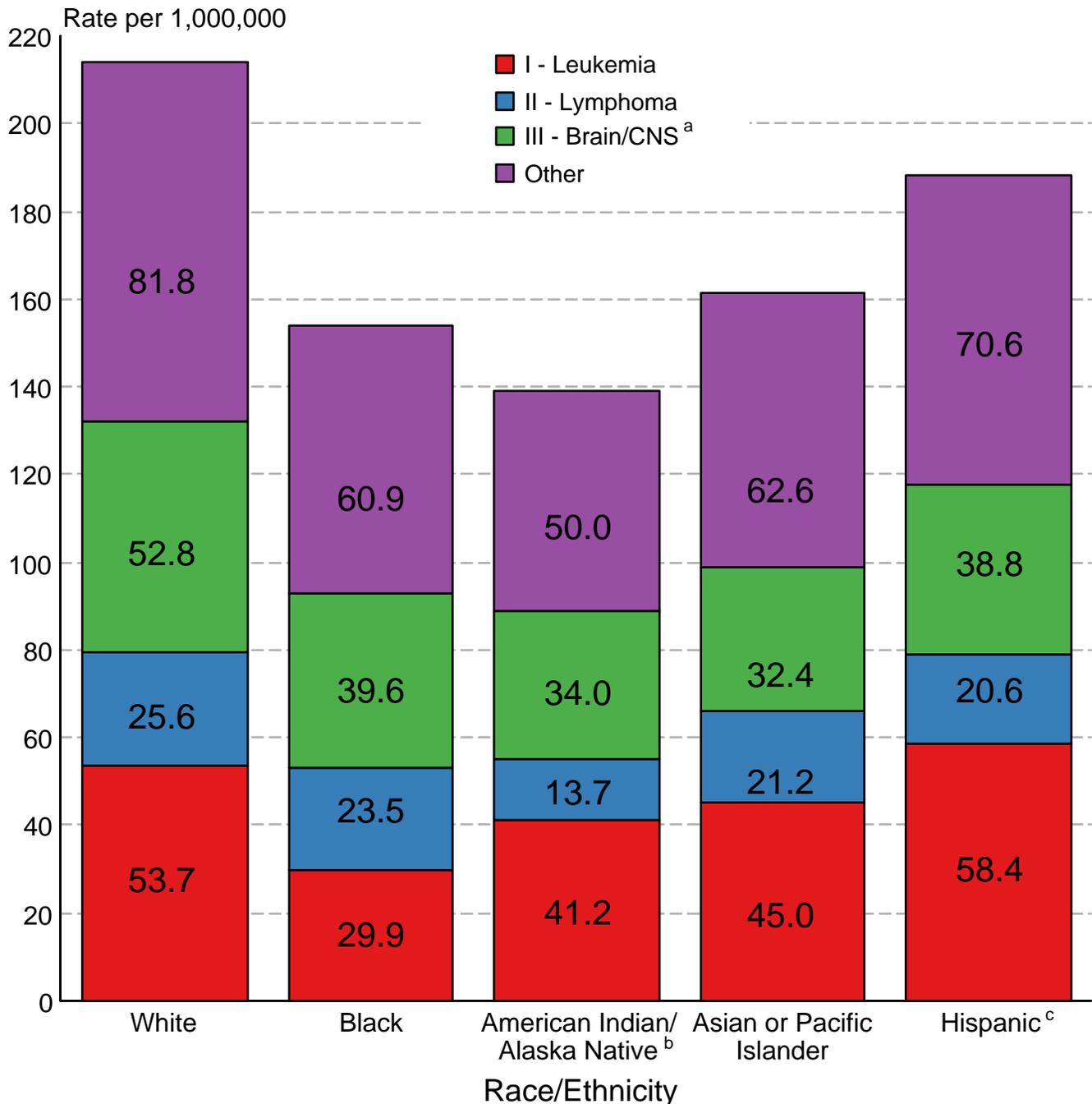
^b API = Asian/Pacific Islander.

^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 New Hampshire and Oklahoma.

Figure 29.2

Childhood Cancer: SEER Incidence Rates 2011- 2015 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.

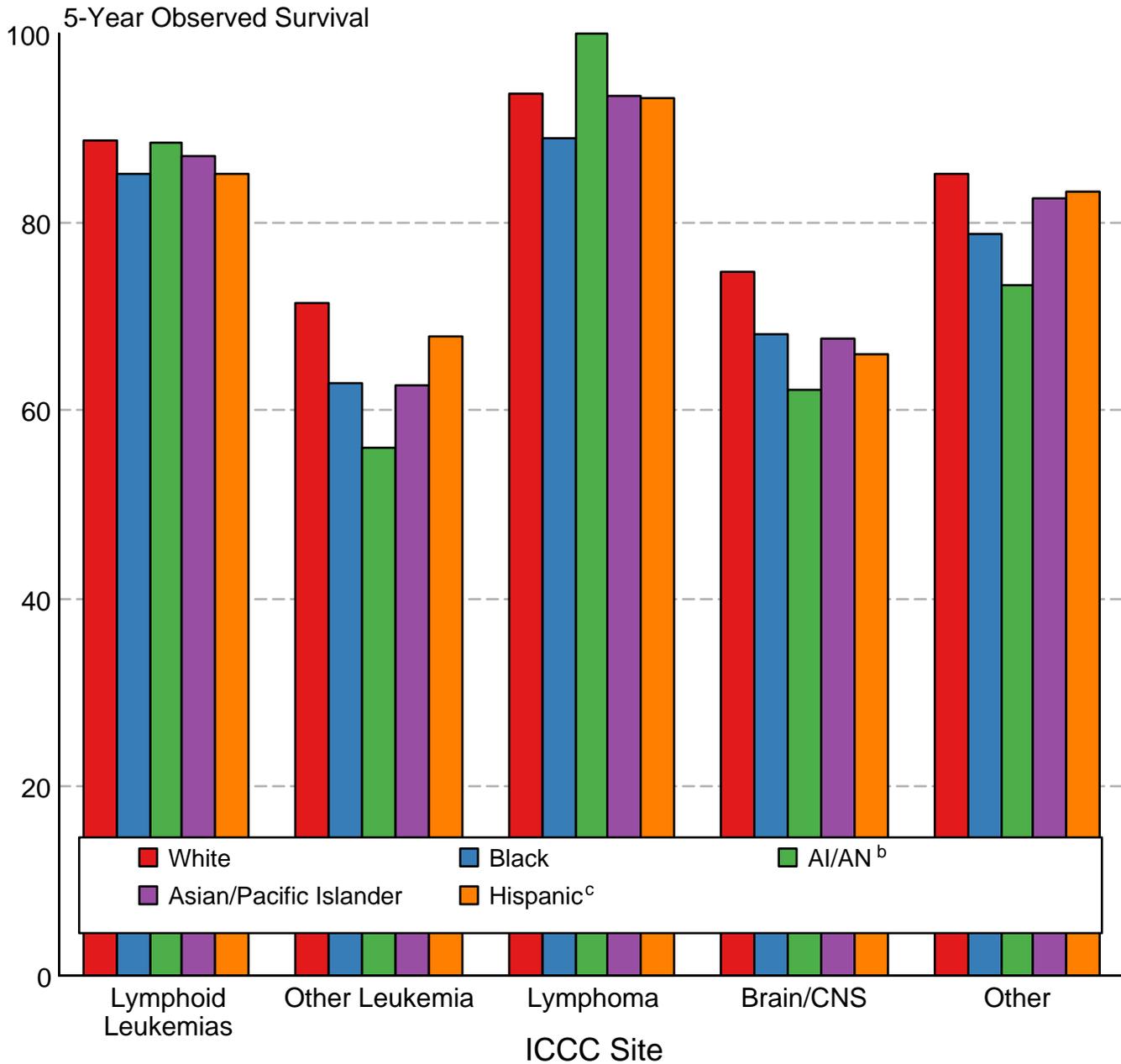
^a Rate for Group III (Brain/CNS) includes benign brain tumors.

^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, 2008-2014



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.