

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 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	454.8	-0.7*	All Sites	463.3	-0.7*	All Sites	478.0	-1.1*
Breast	67.2	0.0	Breast	68.1	-0.1	Prostate ^f	91.2	-2.4*
Prostate ^f	62.7	-2.4*	Lung and Bronchus	60.2	-1.8*	Breast	70.8	0.5
Lung and Bronchus	58.7	-1.9*	Prostate ^f	60.0	-2.7*	Lung and Bronchus	67.0	-2.1*
Colon and Rectum	42.4	-2.8*	Colon and Rectum	41.5	-2.9*	Colon and Rectum	52.3	-2.8*
Melanoma of the Skin	21.6	1.2*	Melanoma of the Skin	25.6	1.2*	Kidney and Renal Pelvis	18.1	2.3*
Urinary Bladder	20.3	-0.9*	Urinary Bladder	22.2	-0.9*	Pancreas	15.7	-0.3
Non-Hodgkin Lymphoma	19.7	-0.3	Non-Hodgkin Lymphoma	20.6	-0.3	Non-Hodgkin Lymphoma	14.6	-0.4
Kidney and Renal Pelvis	15.6	1.5*	Kidney and Renal Pelvis	16.1	1.5*	Corpus and Uterus, NOS ^f	13.6	2.6*
Thyroid	13.5	5.4*	Thyroid	14.3	5.4*	Myeloma	12.8	0.7*
Corpus and Uterus, NOS ^f	13.4	1.3*	Leukemia	14.0	0.2	Urinary Bladder	12.6	-0.6
Leukemia	13.3	0.2	Corpus and Uterus, NOS ^f	13.6	1.1*	Stomach	10.9	-2.2*
Pancreas	12.4	0.7*	Pancreas	12.3	0.9*	Leukemia	10.6	-0.3
Oral Cavity and Pharynx	11.0	0.5*	Oral Cavity and Pharynx	11.5	0.9*	Liver & IBD ^g	9.8	3.2*
Liver & IBD ^g	8.2	3.1*	Liver & IBD ^g	7.2	3.8*	Oral Cavity and Pharynx	9.3	-2.3*
Stomach	7.4	-1.1*	Brain and ONS ^g	7.1	-0.5*	Thyroid	8.0	4.9*
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	306.8	-0.9*	All Sites	319.7	-1.3*	All Sites	349.9	-1.0*
Breast	53.1	1.0*	Breast	44.1	-0.1	Prostate ^f	50.7	-3.6*
Lung and Bronchus	37.1	-1.5*	Colon and Rectum	40.3	-1.6*	Breast	49.4	0.1
Colon and Rectum	36.1	-2.2*	Lung and Bronchus	39.9	-3.9*	Colon and Rectum	35.8	-2.2*
Prostate ^f	32.3	-4.6*	Prostate ^f	29.8	-4.7*	Lung and Bronchus	30.4	-2.4*
Liver & IBD ^g	13.7	-1.3*	Kidney and Renal Pelvis	18.8	-0.3	Non-Hodgkin Lymphoma	17.8	0.0
Non-Hodgkin Lymphoma	13.6	-0.1	Liver & IBD ^g	13.6	1.7	Kidney and Renal Pelvis	15.4	1.2*
Thyroid	13.2	5.2*	Non-Hodgkin Lymphoma	12.6	0.2	Liver & IBD ^g	12.5	2.7*
Stomach	11.2	-3.6*	Corpus and Uterus, NOS ^f	10.5	1.8	Thyroid	11.5	5.3*
Corpus and Uterus, NOS ^f	10.9	2.6*	Pancreas	9.9	-2.1	Urinary Bladder	11.2	-1.4*
Pancreas	9.9	1.0*	Stomach	9.5	-2.0	Pancreas	11.1	-0.1
Urinary Bladder	9.0	-1.6*	Oral Cavity and Pharynx	8.8	2.5	Corpus and Uterus, NOS ^f	11.0	2.2*
Kidney and Renal Pelvis	8.2	1.3	Urinary Bladder	8.5	-0.9	Stomach	10.9	-2.1*
Leukemia	7.8	0.0	Thyroid	8.5	6.2*	Leukemia	10.5	0.1
Oral Cavity and Pharynx	7.6	-0.7	Leukemia	8.4	1.3	Oral Cavity and Pharynx	6.8	1.1*
Ovary ^{fh}	5.1	-1.2*	Ovary ^{fh}	5.5	-2.1	Ovary ^{fh}	5.9	-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).

^a Top 15 cancer sites selected based on 2008-2012 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.

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

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

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

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

^h The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

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

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

^k 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

All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	516.6	-1.3*	All Sites	519.8	-1.3*	All Sites	590.1	-2.1*
Prostate	137.9	-2.9*	Prostate	130.4	-3.2*	Prostate	214.5	-2.9*
Lung and Bronchus	70.1	-2.6*	Lung and Bronchus	70.3	-2.5*	Lung and Bronchus	90.9	-2.9*
Colon and Rectum	48.9	-3.1*	Colon and Rectum	47.8	-3.3*	Colon and Rectum	61.2	-3.0*
Urinary Bladder	35.8	-1.0*	Urinary Bladder	39.0	-1.0*	Kidney and Renal Pelvis	25.1	1.7*
Melanoma of the Skin	28.2	1.5*	Melanoma of the Skin	33.0	1.4*	Urinary Bladder	21.4	-0.3
Non-Hodgkin Lymphoma	23.9	-0.2	Non-Hodgkin Lymphoma	24.9	-0.2	Non-Hodgkin Lymphoma	17.8	-0.8
Kidney and Renal Pelvis	21.3	1.5*	Kidney and Renal Pelvis	21.9	1.5*	Pancreas	17.2	-0.3
Leukemia	17.0	0.0	Leukemia	17.9	0.0	Liver & IBD ^f	16.2	3.4*
Oral Cavity and Pharynx	16.5	0.5*	Oral Cavity and Pharynx	17.1	0.9*	Myeloma	15.1	0.1
Pancreas	14.0	0.8*	Pancreas	14.0	0.9*	Oral Cavity and Pharynx	14.6	-2.4*
Liver & IBD ^f	12.7	3.2*	Liver & IBD ^f	11.2	3.8*	Stomach	14.6	-3.5*
Stomach	10.1	-1.4*	Stomach	9.2	-0.9*	Leukemia	13.5	-0.6
Myeloma	7.9	1.3*	Brain and ONS ^f	8.4	-0.4	Larynx	8.8	-3.3*
Brain and ONS ^f	7.7	-0.4	Esophagus	8.0	-0.3	Esophagus	7.6	-5.0*
Esophagus	7.6	-1.0*	Myeloma	7.5	1.4*	Brain and ONS ^f	4.9	0.2

Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	325.4	-2.1*	All Sites	340.8	-1.8*	All Sites	395.0	-1.9*
Prostate	74.0	-4.8*	Prostate	67.1	-5.0*	Prostate	114.7	-4.0*
Lung and Bronchus	49.0	-2.3*	Lung and Bronchus	47.6	-3.7*	Colon and Rectum	43.3	-2.4*
Colon and Rectum	42.2	-2.2*	Colon and Rectum	46.3	0.0	Lung and Bronchus	37.9	-3.3*
Liver & IBD ^f	20.9	-1.2	Kidney and Renal Pelvis	24.8	1.0	Non-Hodgkin Lymphoma	20.6	0.3
Non-Hodgkin Lymphoma	16.6	0.1	Liver & IBD ^f	19.9	1.3	Kidney and Renal Pelvis	20.2	0.6
Urinary Bladder	15.8	-1.6*	Urinary Bladder	15.6	-1.0	Urinary Bladder	19.6	-1.5*
Stomach	14.5	-3.9*	Non-Hodgkin Lymphoma	14.6	1.1	Liver & IBD ^f	19.1	2.8*
Kidney and Renal Pelvis	11.6	1.6	Oral Cavity and Pharynx	13.2	4.5	Stomach	14.2	-2.4*
Oral Cavity and Pharynx	11.0	-0.1	Stomach	12.3	-4.1	Leukemia	12.6	-0.3
Pancreas	10.8	0.4	Pancreas	11.1	-	Pancreas	11.9	0.1
Leukemia	9.8	0.3	Leukemia	10.1	2.8	Oral Cavity and Pharynx	10.1	1.1
Thyroid	6.2	6.4*	Esophagus	4.9	-	Myeloma	7.3	0.7
Myeloma	4.6	0.9	Testis	4.8	-	Brain and ONS ^f	5.8	-2.0*
Brain and ONS ^f	4.3	0.3	Myeloma	4.6	-	Esophagus	5.2	-1.2
Esophagus	3.6	-2.8	Larynx	4.3	-	Testis	4.9	2.8*

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 2008-2012 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			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	411.2	-0.1	All Sites	423.9	-0.1	All Sites	401.2	-0.2
Breast	124.8	0.1	Breast	127.9	0.0	Breast	124.4	0.7*
Lung and Bronchus	50.2	-1.2*	Lung and Bronchus	52.7	-1.2*	Lung and Bronchus	50.8	-1.3*
Colon and Rectum	37.1	-2.6*	Colon and Rectum	36.3	-2.6*	Colon and Rectum	46.0	-2.8*
Corpus and Uterus, NOS	25.1	1.6*	Corpus and Uterus, NOS	25.8	1.4*	Corpus and Uterus, NOS	24.0	2.9*
Thyroid	20.0	5.5*	Thyroid	21.3	5.5*	Pancreas	14.4	-0.3
Melanoma of the Skin	16.8	0.7	Melanoma of the Skin	20.2	0.8	Kidney and Renal Pelvis	12.8	2.8*
Non-Hodgkin Lymphoma	16.3	-0.5*	Non-Hodgkin Lymphoma	17.1	-0.5*	Non-Hodgkin Lymphoma	12.1	-0.1
Ovary ^g	12.1	-1.6*	Ovary ^g	12.8	-1.6*	Thyroid	11.8	5.3*
Pancreas	11.0	0.6*	Kidney and Renal Pelvis	11.1	1.3*	Myeloma	11.2	1.1
Kidney and Renal Pelvis	10.8	1.3*	Leukemia	10.9	0.3	Ovary ^g	9.8	-1.4*
Leukemia	10.4	0.3	Pancreas	10.8	0.7*	Cervix Uteri	9.2	-3.1*
Urinary Bladder	8.7	-1.3*	Urinary Bladder	9.4	-1.2*	Leukemia	8.5	0.1
Cervix Uteri	7.7	-1.5*	Cervix Uteri	7.7	-1.0*	Stomach	8.4	-0.9
Oral Cavity and Pharynx	6.3	0.2	Oral Cavity and Pharynx	6.4	0.6*	Urinary Bladder	6.9	-1.5
Brain and ONS ^f	5.4	-0.8*	Brain and ONS ^f	5.9	-0.7*	Oral Cavity and Pharynx	5.2	-2.3*

Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	297.5	0.1	All Sites	308.8	-0.8	All Sites	322.2	-0.2
Breast	96.3	0.9*	Breast	82.0	0.0	Breast	92.1	0.2
Colon and Rectum	31.3	-2.2*	Colon and Rectum	35.7	-3.1*	Colon and Rectum	30.0	-2.0*
Lung and Bronchus	28.5	-0.3	Lung and Bronchus	34.5	-4.1*	Lung and Bronchus	25.1	-1.3*
Corpus and Uterus, NOS	19.9	2.6*	Corpus and Uterus, NOS	19.8	2.1	Corpus and Uterus, NOS	20.7	2.4*
Thyroid	19.3	4.9*	Kidney and Renal Pelvis	13.9	-1.9	Thyroid	18.1	5.5*
Non-Hodgkin Lymphoma	11.3	-0.4	Thyroid	12.9	6.9*	Non-Hodgkin Lymphoma	15.5	-0.3
Ovary ^g	9.4	-1.2*	Non-Hodgkin Lymphoma	11.1	-1.2	Kidney and Renal Pelvis	11.6	2.0*
Pancreas	9.3	1.5*	Ovary ^g	10.0	-2.1	Ovary ^g	11.0	-1.1
Stomach	8.8	-3.3*	Pancreas	8.9	-2.6	Pancreas	10.3	-0.2
Liver & IBD ^f	7.9	-1.4	Liver & IBD ^f	8.4	2.2	Cervix Uteri	9.9	-4.4*
Leukemia	6.3	-0.4	Stomach	7.5	1.5	Leukemia	8.9	0.4
Cervix Uteri	6.3	-3.2*	Cervix Uteri	7.5	-1.2	Stomach	8.4	-1.8*
Kidney and Renal Pelvis	5.5	0.8	Leukemia	7.2	0.6	Liver & IBD ^f	7.0	2.4*
Oral Cavity and Pharynx	4.9	-1.4	Oral Cavity and Pharynx	5.2	-	Urinary Bladder	5.1	-1.6*
Urinary Bladder	4.0	-1.5	Melanoma of the Skin	4.5	-	Myeloma	4.8	-0.7

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 2008-2012 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.

^g 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 1.27
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 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	171.2	-1.5*	All Sites	170.9	-1.4*	All Sites	202.0	-2.1*
Lung and Bronchus	47.2	-2.1*	Lung and Bronchus	47.9	-2.0*	Lung and Bronchus	50.6	-2.6*
Colon and Rectum	15.5	-2.7*	Colon and Rectum	15.0	-2.7*	Colon and Rectum	21.4	-3.0*
Breast	12.2	-2.1*	Breast	11.8	-2.1*	Breast	17.8	-1.5*
Pancreas	10.9	0.3*	Pancreas	10.8	0.5*	Prostate ^f	16.6	-3.4*
Prostate ^f	8.5	-2.6*	Prostate ^f	7.9	-2.5*	Pancreas	13.5	-0.4*
Leukemia	7.0	-0.9*	Leukemia	7.2	-0.8*	Liver & IBD ^g	7.9	2.5*
Non-Hodgkin Lymphoma	6.2	-2.4*	Non-Hodgkin Lymphoma	6.4	-2.4*	Stomach	6.3	-3.0*
Liver & IBD ^g	6.0	2.6*	Liver & IBD ^g	5.5	2.8*	Myeloma	6.2	-1.4*
Urinary Bladder	4.4	0.1	Brain and ONS ^g	4.7	0.1	Leukemia	6.0	-1.4*
Brain and ONS ^g	4.3	0.0	Urinary Bladder	4.6	0.3*	Corpus and Uterus, NOS ^f	4.5	1.4*
Ovary ^f	4.3	-2.3*	Ovary ^f	4.4	-2.3*	Non-Hodgkin Lymphoma	4.4	-1.7*
Esophagus	4.2	-0.8*	Esophagus	4.3	-0.2	Esophagus	4.0	-4.5*
Kidney and Renal Pelvis	3.9	-0.9*	Kidney and Renal Pelvis	4.0	-0.8*	Ovary ^f	3.9	-1.7*
Stomach	3.4	-2.7*	Melanoma of the Skin	3.1	0.2	Kidney and Renal Pelvis	3.8	-1.2*
Myeloma	3.3	-1.1*	Myeloma	3.1	-1.0*	Urinary Bladder	3.5	-0.9
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	106.6	-1.1*	All Sites	156.1	-1.1*	All Sites	119.3	-1.2*
Lung and Bronchus	24.8	-1.4*	Lung and Bronchus	39.4	-1.1	Lung and Bronchus	20.4	-2.4*
Colon and Rectum	11.0	-1.2*	Colon and Rectum	17.1	-0.3	Colon and Rectum	12.2	-1.7*
Liver & IBD ^g	9.8	-0.9	Liver & IBD ^g	9.8	2.1	Liver & IBD ^g	8.9	1.6*
Pancreas	7.8	0.5	Pancreas	8.5	-0.3	Pancreas	8.7	0.1
Breast	6.4	-1.3*	Breast	8.4	-3.8*	Breast	8.1	-1.5*
Stomach	6.0	-3.8*	Prostate ^f	8.1	-2.1	Prostate ^f	7.1	-2.5*
Non-Hodgkin Lymphoma	4.1	-2.0*	Kidney and Renal Pelvis	6.6	0.6	Stomach	5.5	-2.8*
Leukemia	4.0	1.2*	Stomach	5.2	-3.1*	Non-Hodgkin Lymphoma	5.2	-1.1*
Prostate ^f	3.7	-3.5*	Non-Hodgkin Lymphoma	4.6	-2.6*	Leukemia	4.9	-0.5
Ovary ^f	2.6	-1.4*	Leukemia	4.6	-1.8	Kidney and Renal Pelvis	3.5	-1.0
Brain and ONS ^g	2.0	0.3	Ovary ^f	3.8	-1.1	Ovary ^f	3.1	-1.6*
Oral Cavity and Pharynx	1.9	-1.4	Esophagus	3.4	-2.7*	Brain and ONS ^g	2.8	0.2
Kidney and Renal Pelvis	1.9	0.9	Myeloma	2.7	-6.5*	Myeloma	2.8	-0.5
Urinary Bladder	1.7	0.2	Brain and ONS ^g	2.5	1.5	Urinary Bladder	2.3	-1.0*
Myeloma	1.7	1.0	Urinary Bladder	2.3	1.8	Esophagus	2.3	-0.4

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

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^f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

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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			White			Black		
	Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	207.9	-1.7*	All Sites	206.4	-1.6*	All Sites	261.5	-2.6*
Lung and Bronchus	59.8	-2.8*	Lung and Bronchus	59.7	-2.7*	Lung and Bronchus	73.1	-3.4*
Prostate	21.4	-3.4*	Prostate	19.8	-3.3*	Prostate	46.3	-3.9*
Colon and Rectum	18.6	-2.8*	Colon and Rectum	18.0	-2.9*	Colon and Rectum	26.9	-2.6*
Pancreas	12.6	0.3*	Pancreas	12.5	0.5*	Pancreas	15.0	-0.5
Leukemia	9.4	-0.9*	Leukemia	9.7	-0.8*	Liver & IBD ^f	12.5	2.7*
Liver & IBD ^f	8.8	2.8*	Non-Hodgkin Lymphoma	8.2	-2.1*	Stomach	9.2	-3.3*
Non-Hodgkin Lymphoma	7.9	-2.1*	Liver & IBD ^f	8.1	3.0*	Leukemia	7.9	-1.6*
Urinary Bladder	7.7	0.0	Urinary Bladder	8.1	0.1	Myeloma	7.6	-1.4*
Esophagus	7.5	-0.8*	Esophagus	7.7	-0.2	Esophagus	7.0	-4.5*
Kidney and Renal Pelvis	5.7	-0.7*	Kidney and Renal Pelvis	5.9	-0.6*	Non-Hodgkin Lymphoma	5.7	-1.0
Brain and ONS ^f	5.3	0.1	Brain and ONS ^f	5.7	0.2	Kidney and Renal Pelvis	5.6	-1.3*
Stomach	4.6	-3.1*	Melanoma of the Skin	4.6	0.4	Urinary Bladder	5.3	-0.7
Myeloma	4.2	-0.9*	Myeloma	4.0	-0.9*	Oral Cavity and Pharynx	5.0	-3.8*
Melanoma of the Skin	4.1	0.2	Stomach	4.0	-3.2*	Larynx	3.6	-4.2*
Oral Cavity and Pharynx	3.8	-0.5	Oral Cavity and Pharynx	3.7	0.0	Brain and ONS ^f	3.1	0.0
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012		Rate ^b 2008-2012	APC ^c 2003-2012
All Sites	128.4	-1.5*	All Sites	186.7	-1.1	All Sites	148.0	-1.5*
Lung and Bronchus	34.0	-2.0*	Lung and Bronchus	49.1	-0.9	Lung and Bronchus	29.5	-3.1*
Liver & IBD ^f	14.5	-0.6	Prostate	20.2	-2.8*	Prostate	17.8	-3.0*
Colon and Rectum	13.0	-1.1*	Colon and Rectum	18.8	-2.5	Colon and Rectum	15.6	-1.5*
Prostate	9.4	-3.5*	Liver & IBD ^f	13.9	4.2*	Liver & IBD ^f	12.9	1.7*
Pancreas	8.4	0.0	Pancreas	9.3	-1.6	Pancreas	9.8	0.2
Stomach	7.9	-4.3*	Kidney and Renal Pelvis	8.7	-0.9	Stomach	7.2	-3.1*
Leukemia	5.1	0.7	Stomach	7.4	-3.2	Non-Hodgkin Lymphoma	6.3	-1.1*
Non-Hodgkin Lymphoma	5.0	-2.2*	Leukemia	6.7	1.6	Leukemia	6.1	-0.7
Urinary Bladder	3.0	1.1	Non-Hodgkin Lymphoma	5.7	0.5	Kidney and Renal Pelvis	5.0	-1.4
Oral Cavity and Pharynx	2.9	-1.5	Esophagus	5.6	-4.9*	Esophagus	4.3	0.1
Kidney and Renal Pelvis	2.9	1.5	Urinary Bladder	4.2	3.4	Urinary Bladder	3.9	-1.2
Esophagus	2.8	-2.4	Oral Cavity and Pharynx	3.6	0.5	Myeloma	3.5	0.2
Brain and ONS ^f	2.4	0.2	Myeloma	3.2	-6.8*	Brain and ONS ^f	3.4	0.3
Myeloma	2.2	1.6	Brain and ONS ^f	3.2	1.6	Oral Cavity and Pharynx	2.4	-1.4*
Soft Tissue including Heart	1.0	2.2	Larynx	1.7	-	Larynx	1.7	-2.9*

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

^a Top 15 cancer sites selected based on 2008-2012 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			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	145.4	-1.4*	All Sites	145.6	-1.3*	All Sites	166.3	-1.6*
Lung and Bronchus	37.8	-1.4*	Lung and Bronchus	39.1	-1.3*	Lung and Bronchus	35.8	-1.8*
Breast	21.9	-1.9*	Breast	21.3	-1.9*	Breast	30.2	-1.4*
Colon and Rectum	13.1	-2.8*	Colon and Rectum	12.7	-2.8*	Colon and Rectum	17.8	-3.4*
Pancreas	9.6	0.3*	Pancreas	9.4	0.4*	Pancreas	12.3	-0.2
Ovary	7.7	-2.1*	Ovary	8.0	-2.1*	Corpus and Uterus, NOS	7.7	1.6*
Leukemia	5.2	-1.0*	Leukemia	5.4	-0.9*	Ovary	6.7	-1.6*
Non-Hodgkin Lymphoma	4.8	-2.8*	Non-Hodgkin Lymphoma	5.0	-2.8*	Myeloma	5.3	-1.5*
Corpus and Uterus, NOS	4.4	1.1*	Corpus and Uterus, NOS	4.1	0.9*	Leukemia	4.7	-1.3*
Liver & IBD ^f	3.5	2.0*	Brain and ONS ^f	3.8	-0.2	Stomach	4.4	-2.8*
Brain and ONS ^f	3.5	-0.2	Liver & IBD ^f	3.3	2.2*	Liver & IBD ^f	4.3	1.6*
Myeloma	2.7	-1.4*	Kidney and Renal Pelvis	2.6	-1.4*	Cervix Uteri	4.0	-2.2*
Kidney and Renal Pelvis	2.5	-1.4*	Myeloma	2.4	-1.4*	Non-Hodgkin Lymphoma	3.5	-2.3*
Stomach	2.4	-2.6*	Urinary Bladder	2.2	-0.3	Kidney and Renal Pelvis	2.5	-1.1
Cervix Uteri	2.3	-0.9*	Cervix Uteri	2.1	-0.6*	Urinary Bladder	2.5	-1.5*
Urinary Bladder	2.2	-0.5*	Stomach	2.1	-2.7*	Brain and ONS ^f	2.1	0.4

Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2008-2012	2003-2012		2008-2012	2003-2012		2008-2012	2003-2012
All Sites	91.2	-0.8*	All Sites	133.9	-1.3*	All Sites	99.4	-1.0*
Lung and Bronchus	18.2	-0.5*	Lung and Bronchus	32.1	-1.3*	Breast	14.5	-1.3*
Breast	11.4	-1.4*	Colon and Rectum	15.6	1.4	Lung and Bronchus	13.7	-1.4*
Colon and Rectum	9.4	-1.3*	Breast	15.0	-3.4*	Colon and Rectum	9.6	-2.2*
Pancreas	7.3	1.0*	Pancreas	7.8	0.1	Pancreas	7.7	0.0
Liver & IBD ^f	6.1	-1.4	Ovary	6.7	-0.9	Ovary	5.6	-1.4*
Stomach	4.7	-3.3*	Liver & IBD ^f	6.3	-1.2	Liver & IBD ^f	5.6	1.1*
Ovary	4.6	-1.3*	Kidney and Renal Pelvis	4.7	1.9	Non-Hodgkin Lymphoma	4.3	-1.2*
Non-Hodgkin Lymphoma	3.4	-1.9*	Non-Hodgkin Lymphoma	3.6	-5.5*	Stomach	4.2	-2.7*
Leukemia	3.2	1.5*	Stomach	3.6	-3.5*	Leukemia	4.0	-0.1
Corpus and Uterus, NOS	2.8	3.1*	Corpus and Uterus, NOS	3.5	-	Corpus and Uterus, NOS	3.5	2.3*
Cervix Uteri	1.8	-3.1*	Cervix Uteri	3.5	-1.4	Cervix Uteri	2.7	-2.3*
Brain and ONS ^f	1.6	0.2	Leukemia	3.2	-5.1	Brain and ONS ^f	2.4	0.1
Myeloma	1.4	0.2	Myeloma	2.3	-6.6	Kidney and Renal Pelvis	2.4	-0.8
Kidney and Renal Pelvis	1.2	-0.1	Brain and ONS ^f	1.9	-	Myeloma	2.3	-1.3
Oral Cavity and Pharynx	1.2	-1.2	Gallbladder	1.8	-4.4	Urinary Bladder	1.3	-1.3

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

^a Top 15 cancer sites selected based on 2008-2012 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.

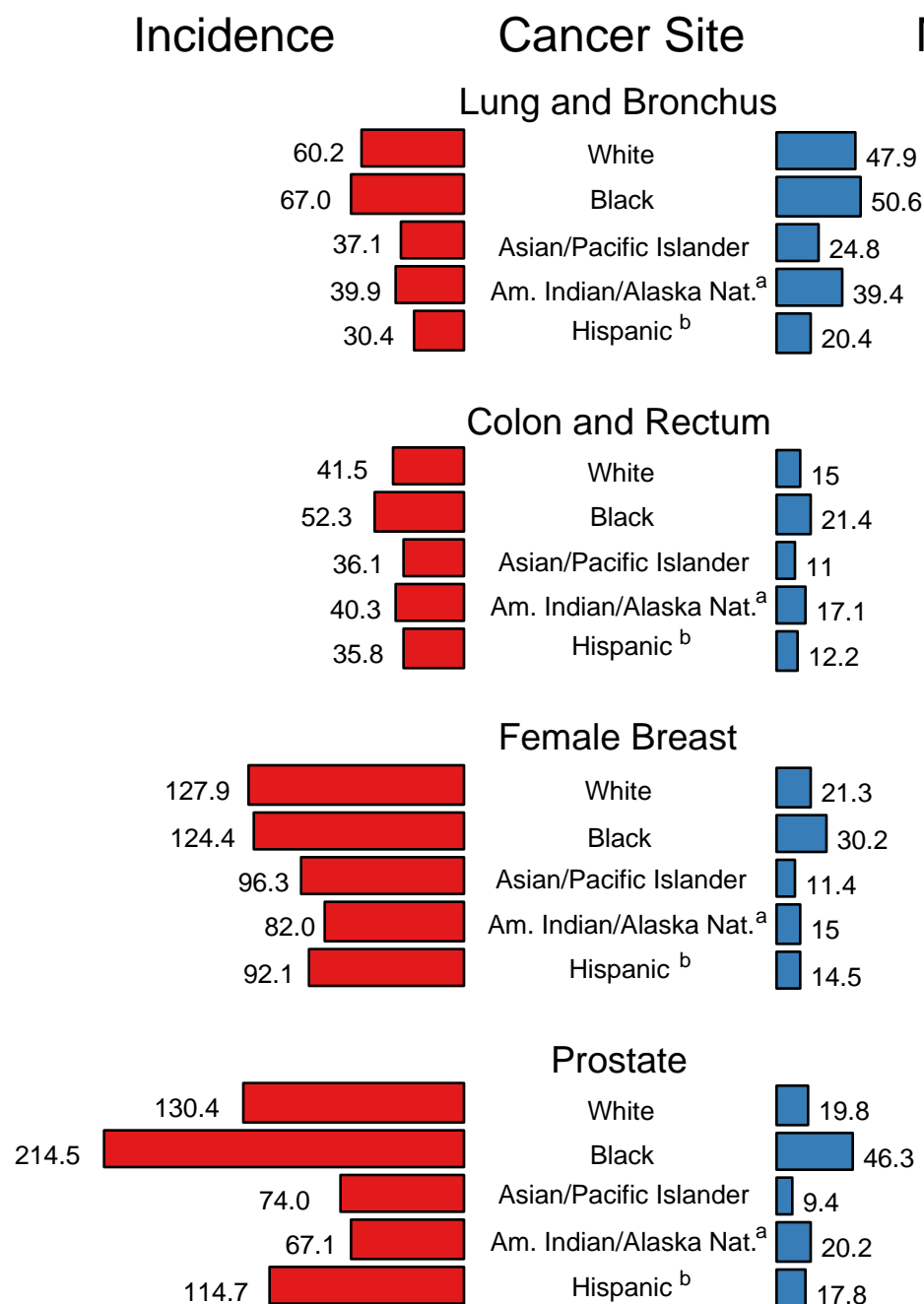
^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* 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, 2008-2012 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,

^a National Center for Health Statistics, Centers for Disease Control and Prevention.

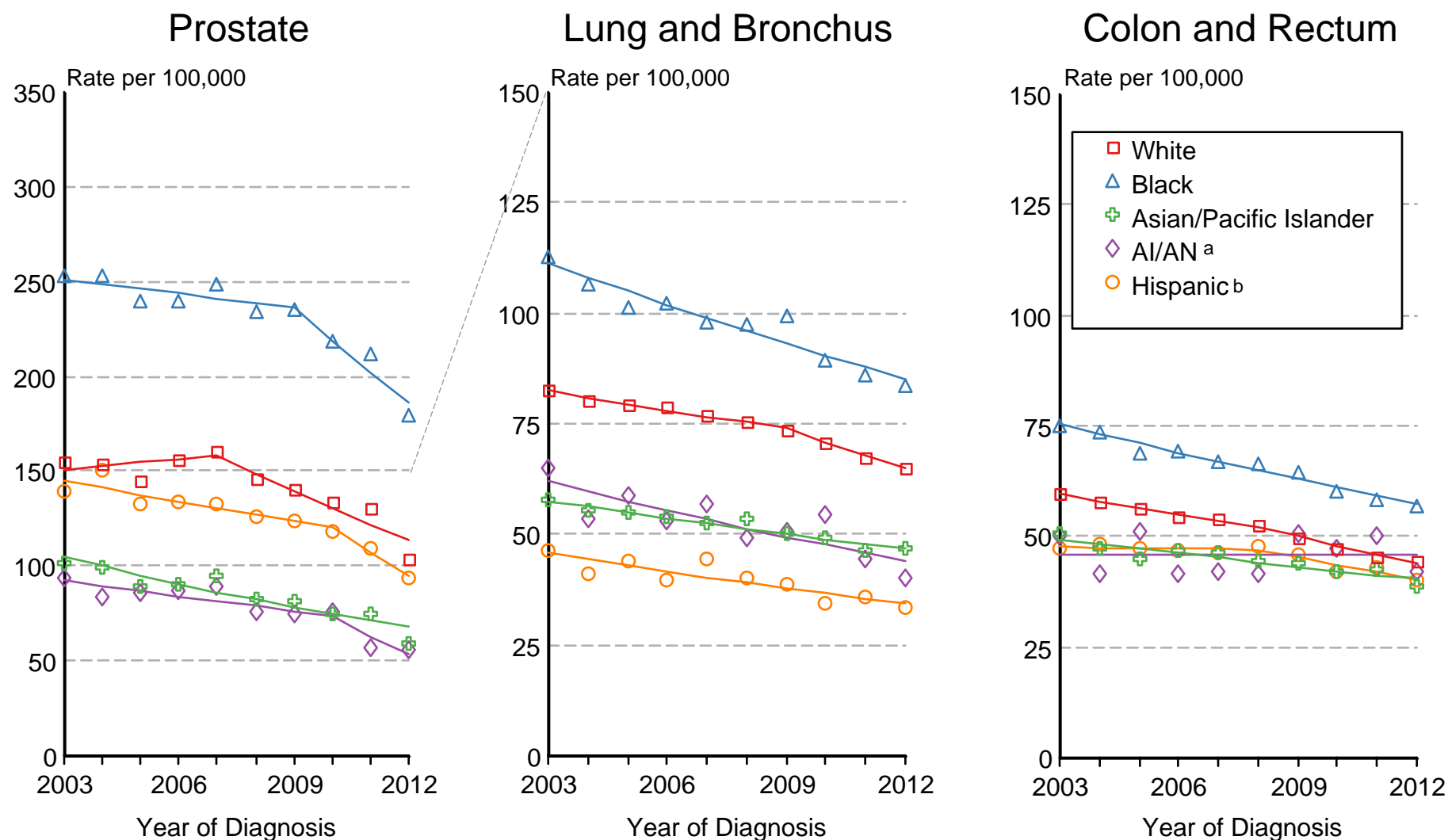
Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^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 2003-2012 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 4.2.0, April 2015, National Cancer Institute.

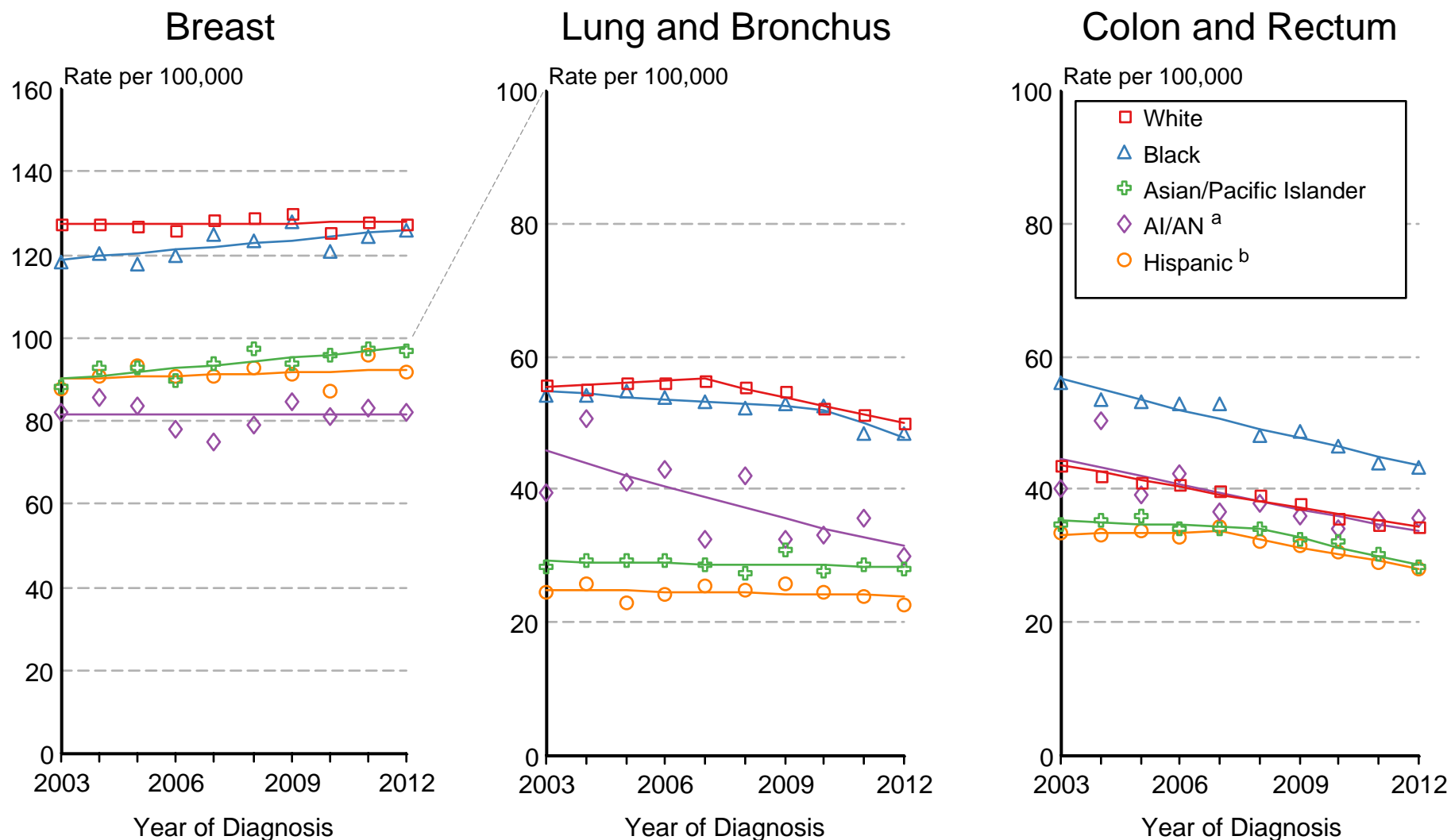
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^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 2003-2012 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 4.2.0, April 2015, National Cancer Institute.

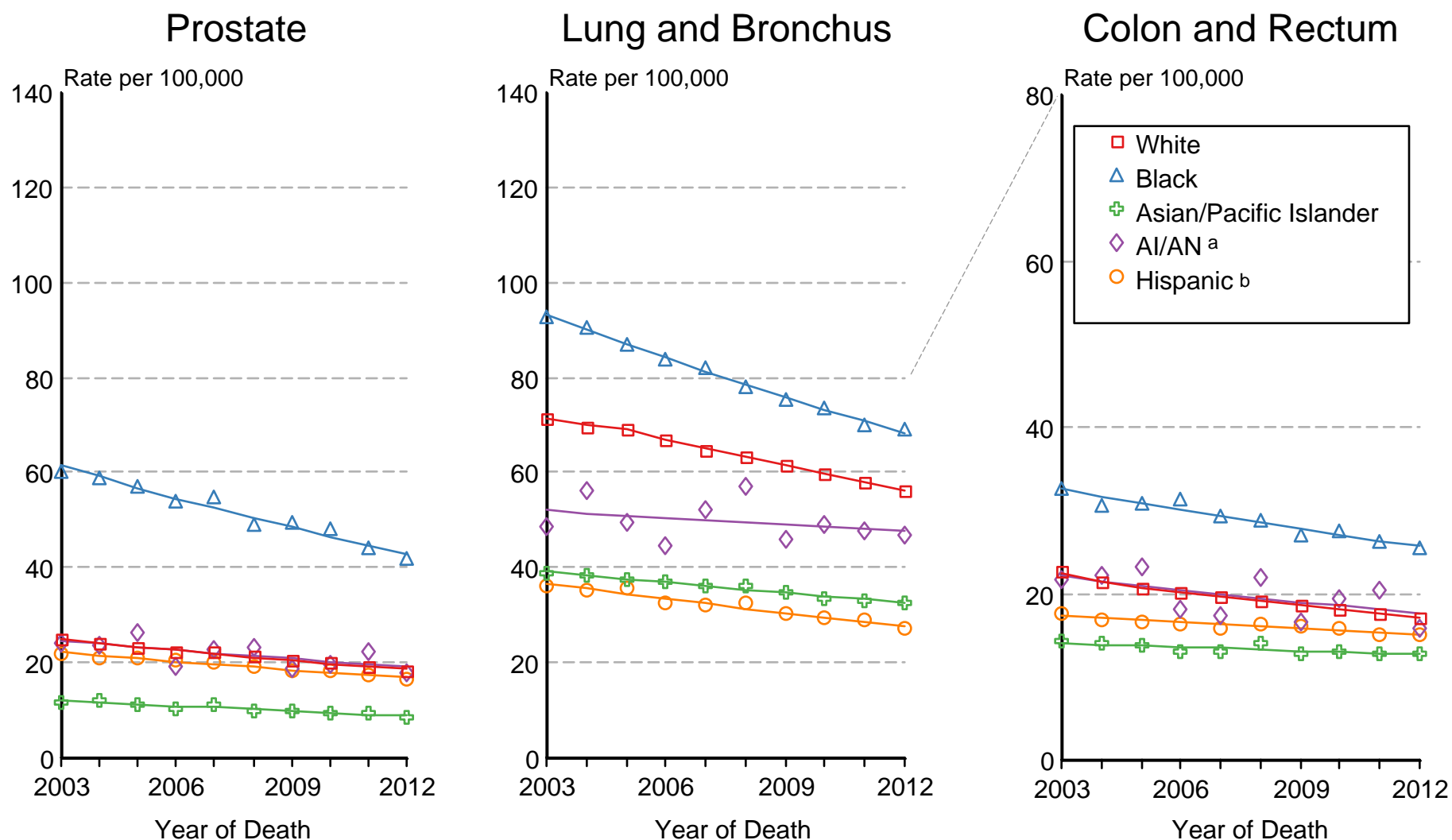
^a Incidence rates for American Indian/Alaska Native (AI/AN) are based on the CHSDA (Contract Health Service Delivery Area) counties.

^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 2003-2012 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).

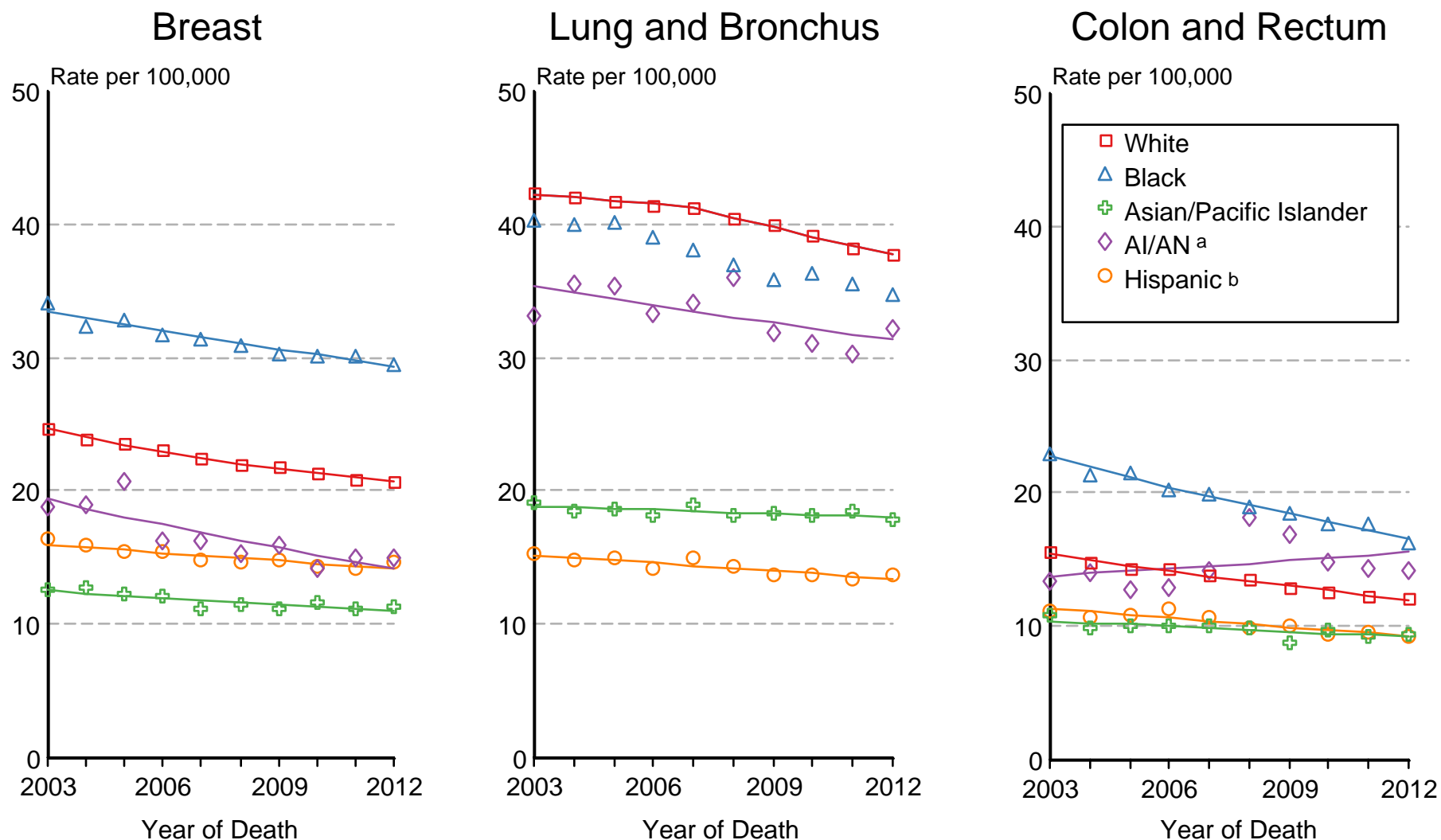
Regression lines are calculated using the Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute.

^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 2003-2012 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 4.2.0, April 2015, 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	454.8	516.6	411.2	-1.0*	-1.7*	-0.3*	-0.9*	-1.7*	-0.2*
White	463.3	519.8	423.9	-1.0*	-1.7*	-0.3*	-0.9*	-1.7*	-0.2*
White Hispanic ^e	360.8	404.3	334.5	-0.8*	-1.7*	0.2*	-	-	-
White Non-Hispanic ^e	482.4	540.0	441.6	-1.0*	-1.6*	-0.3	-	-	-
Black	478.0	590.1	401.2	-1.3*	-2.4*	0.0	-1.2*	-2.1*	0.0
Asian/Pacific Islander	306.8	325.4	297.5	-0.5*	-1.9*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	319.7	340.8	308.8	0.1	-0.4	0.6*	-	-	-
Hispanic ^e	349.9	395.0	322.2	-0.8*	-1.7*	0.1	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	171.2	207.9	145.4	-1.5*	-1.8*	-1.4*			
White	170.9	206.4	145.6	-1.4*	-1.7*	-1.3*			
White Hispanic ^e	125.8	155.7	105.0	-1.1*	-1.3*	-0.9*			
White Non-Hispanic ^e	174.8	210.6	149.2	-1.4*	-1.6*	-1.3*			
Black	202.0	261.5	166.3	-2.1*	-2.7*	-1.6*			
Asian/Pacific Islander	106.6	128.4	91.2	-1.1*	-1.6*	-0.9*			
Amer Ind/Alaska Nat									
Total U.S.	117.4	140.3	100.9	-1.9*	-1.3*	-1.9*			
CHSDA Counties	156.1	186.7	133.9	-1.0*	-0.3	-1.2*			
Non-CHSDA Counties	73.1	87.7	62.8	-2.8*	-3.4*	-2.2*			
Hispanic ^e	119.3	148.0	99.4	-1.2*	-1.4*	-1.1*			

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

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

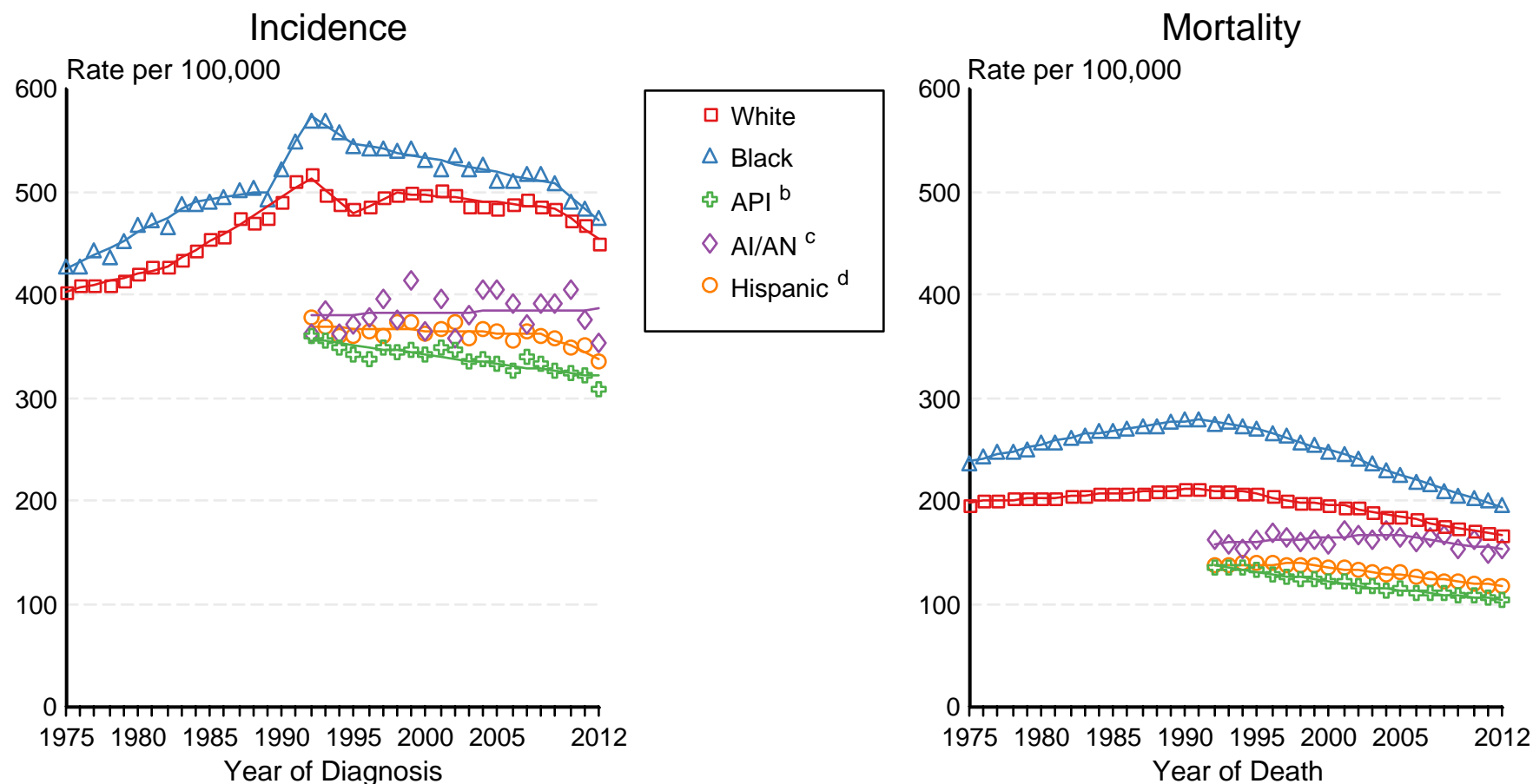
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 2.4

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	6.4	7.7	5.4	-0.3*	-0.3*	-0.2	-0.2*	-0.4*	-0.1
White	7.1	8.4	5.9	-0.1	-0.2	-0.1	-0.1	-0.2	0.0
White Hispanic ^e	5.2	6.1	4.5	-2.0*	0.0	-1.1*	-	-	-
White Non-Hispanic ^e	7.6	9.0	6.4	0.1	-0.1	0.2	-	-	-
Black	4.1	4.9	3.6	0.1	0.0	0.2	0.3	-0.1	0.6*
Asian/Pacific Islander	3.6	4.3	3.1	-0.2	-0.1	-0.3	-	-	-
Amer Ind/Alaska Nat ^f	3.2	3.7	2.7	1.9	0.3	-	-	-	-
Hispanic ^e	4.9	5.8	4.2	-2.2*	-0.1	-1.0*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.3	5.3	3.5	-0.1	0.0	-0.3			
White	4.7	5.7	3.8	0.0	0.1	-0.2			
White Hispanic ^e	3.0	3.6	2.6	0.2	0.1	0.1			
White Non-Hispanic ^e	4.9	6.0	3.9	0.1	0.2	-0.1			
Black	2.5	3.1	2.1	-0.7*	-0.6*	-0.8*			
Asian/Pacific Islander	2.0	2.4	1.6	0.1	0.5	-0.5			
Amer Ind/Alaska Nat									
Total U.S.	2.0	2.4	1.7	0.1	0.0	0.2			
CHSDA Counties	2.5	3.2	1.9	1.2	1.8*	0.6			
Non-CHSDA Counties	1.5	1.5	1.4	-1.5	-2.8	-0.3			
Hispanic ^e	2.8	3.4	2.4	0.0	0.0	0.0			

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

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

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

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

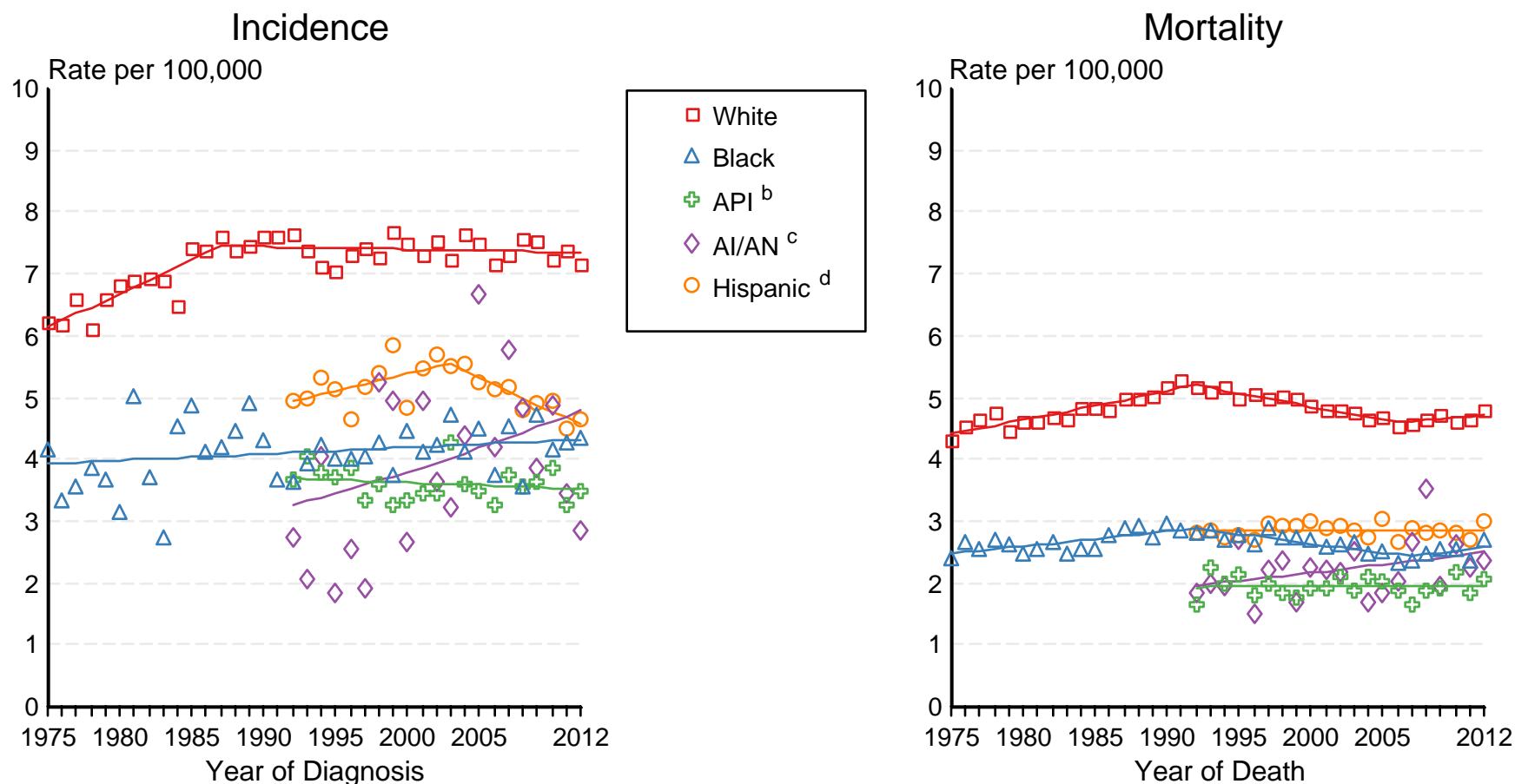
Figure 3.2

SEER Incidence and US Death Rates^a

Cancer of the Brain and Other Nervous System, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012	Trend 2003-2012 ^c	Trend 2003-2012 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	124.8	-0.1	0.0
White	127.9	-0.2	-0.2
White Hispanic ^e	95.7	0.2	-
White Non-Hispanic ^e	134.0	-0.2	-
Black	124.4	0.2*	0.4*
Asian/Pacific Islander	96.3	0.8	-
Amer Ind/Alaska Nat ^f	82.0	0.1	-
Hispanic ^e	92.1	0.1	-
<u>U.S. Mortality^g</u>			
	Rate 2008-2012	Trend 2003-2012 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	21.9	-1.9*	
White	21.3	-1.9*	
White Hispanic ^e	15.4	-1.4*	
White Non-Hispanic ^e	21.9	-1.8*	
Black	30.2	-1.5*	
Asian/Pacific Islander	11.4	-1.0*	
Amer Ind/Alaska Nat			
Total U.S.	11.6	-1.6*	
CHSDA Counties	15.0	-0.6	
Non-CHSDA Counties	7.7	-3.3*	
Hispanic ^e	14.5	-1.5*	

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

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

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

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 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
	Females	Females	Females
All Races	31.7	0.5	0.7*
White	31.9	0.2	0.5
White Hispanic ^e	21.4	1.6*	-
White Non-Hispanic ^e	34.2	0.3	-
Black	30.6	1.6*	1.5*
Asian/Pacific Islander	30.5	1.7*	-
Amer Ind/Alaska Nat ^f	15.6	1.4	-
Hispanic ^e	20.8	1.5*	-

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

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

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

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

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

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

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

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

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

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

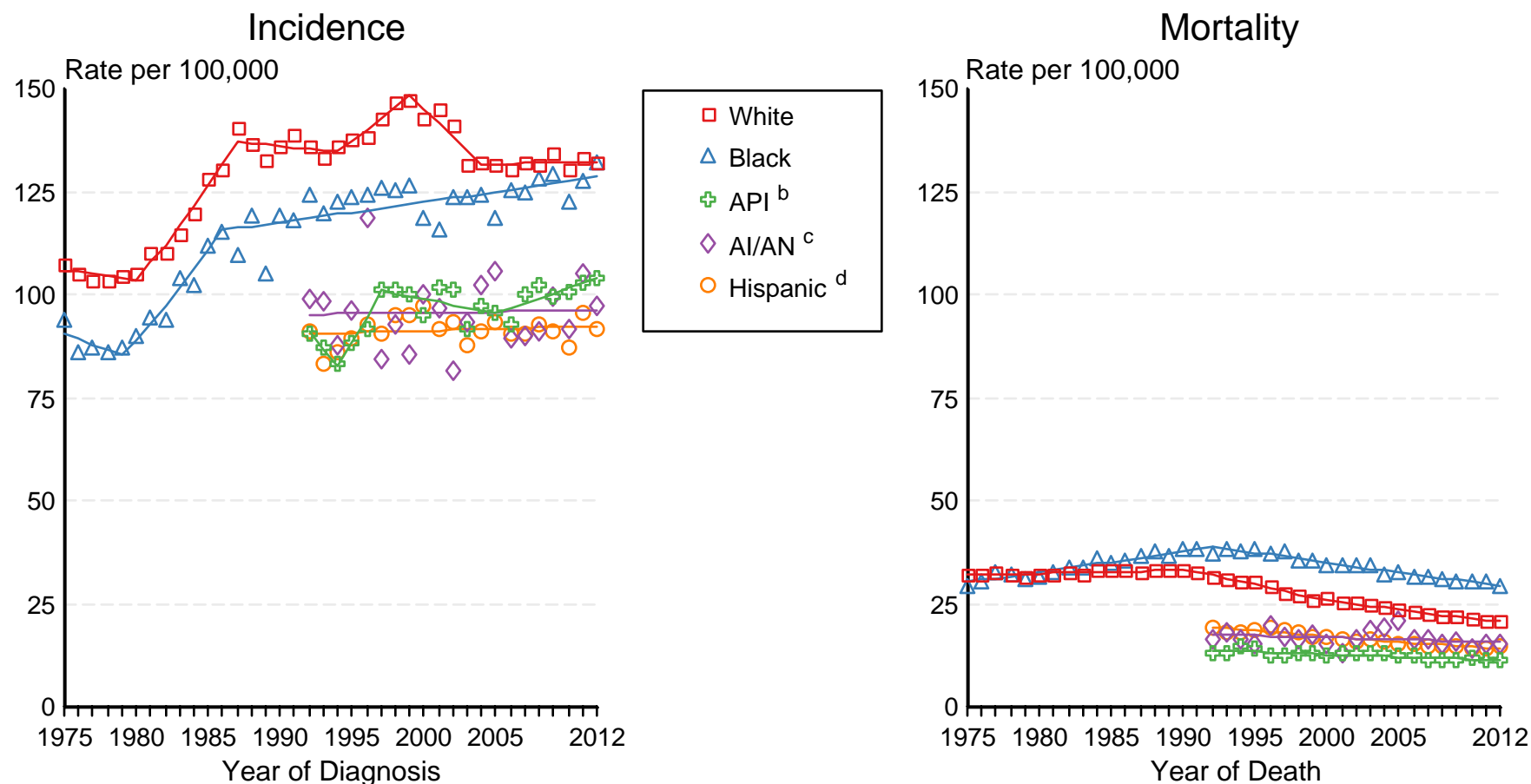
^f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

* 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 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

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

<u>SEER Incidence</u>	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons	SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)	SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	7.7	-2.4*	-1.0*
White	7.7	-2.0*	-0.7
White Hispanic ^e	10.4	-3.9*	-
White Non-Hispanic ^e	7.1	-1.8*	-
Black	9.2	-3.6*	-3.7*
Asian/Pacific Islander	6.3	-4.2*	-
Amer Ind/Alaska Nat ^f	7.5	-1.3	-
Hispanic ^e	9.9	-4.0*	-
<u>U.S. Mortality^g</u>	Rate 2008-2012 Rate per 100,000 persons	Trend 2003-2012 ^h AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	2.3	-0.9*	
White	2.1	-0.6*	
White Hispanic ^e	2.9	-2.7*	
White Non-Hispanic ^e	2.0	-0.5	
Black	4.0	-2.5*	
Asian/Pacific Islander	1.8	-3.7*	
Amer Ind/Alaska Nat			
Total U.S.	2.4	-3.1*	
CHSDA Counties	3.5	-2.1*	
Non-CHSDA Counties	1.1	-4.0*	
Hispanic ^e	2.7	-2.7*	

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

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

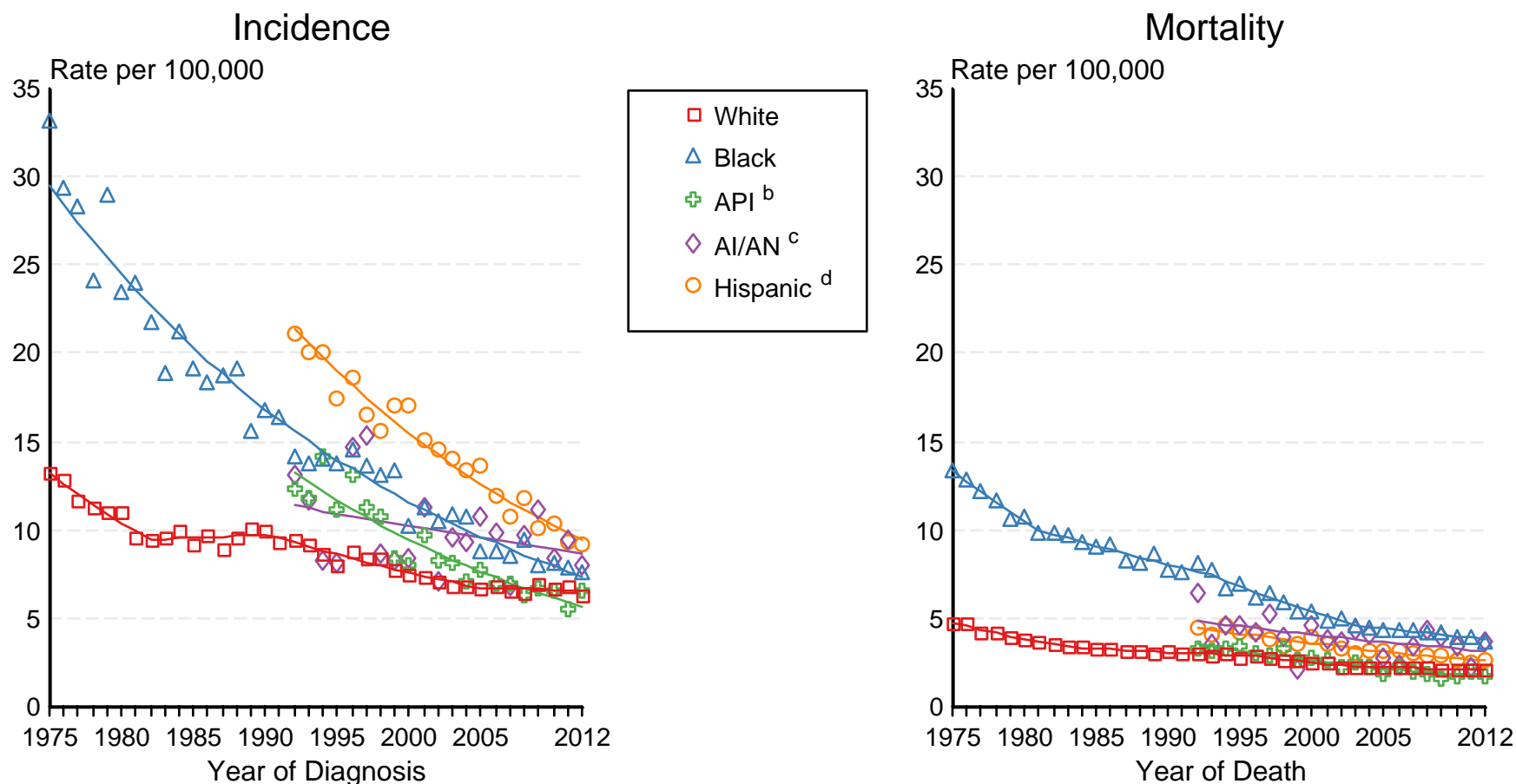
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 5.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 Rate 2008-2012			SEER 13 Areas ^b Trend 2003-2012 ^c			SEER 9 Areas ^b Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	42.4	48.9	37.1	-3.0*	-3.2*	-2.9*	-3.1*	-3.4*	-3.0*
White	41.5	47.8	36.3	-3.2*	-3.5*	-3.0*	-3.3*	-3.6*	-3.0*
White Hispanic ^e	37.0	44.9	30.8	-1.8*	-1.9*	-1.8*	-	-	-
White Non-Hispanic ^e	42.4	48.4	37.2	-3.3*	-3.6*	-3.1*	-	-	-
Black	52.3	61.2	46.0	-3.1*	-3.2*	-3.5*	-3.3*	-3.4*	-3.5*
Asian/Pacific Islander	36.1	42.2	31.3	-2.5*	-2.5*	-2.9*	-	-	-
Amer Ind/Alaska Nat ^f	40.3	46.3	35.7	-0.4	-0.1	-0.6	-	-	-
Hispanic ^e	35.8	43.3	30.0	-1.9*	-2.0*	-1.9*	-	-	-
U.S. Mortality ^g									
	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	15.5	18.6	13.1	-2.8*	-2.9*	-2.9*			
White	15.0	18.0	12.7	-2.8*	-2.9*	-2.9*			
White Hispanic ^e	12.9	16.5	10.1	-1.5*	-1.3*	-2.0*			
White Non-Hispanic ^e	15.2	18.2	12.9	-2.8*	-3.0*	-2.9*			
Black	21.4	26.9	17.8	-2.9*	-2.7*	-3.3*			
Asian/Pacific Islander	11.0	13.0	9.4	-1.7*	-1.8*	-1.5*			
Amer Ind/Alaska Nat									
Total U.S.	12.5	14.0	11.2	-1.5*	-2.3*	-0.8			
CHSDA Counties	17.1	18.8	15.6	-0.8	-1.4*	0.0			
Non-CHSDA Counties	7.2	8.7	6.2	-1.9*	-3.0*	-1.5*			
Hispanic ^e	12.2	15.6	9.6	-1.8*	-1.5*	-2.2*			

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

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

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

Table 6.22
Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

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

Cancer of the Colon SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	30.1	33.5	27.4	-3.3*	-3.5*	-3.3*	-3.3*	-3.6*	-3.2*
White	29.5	32.9	26.8	-3.5*	-3.7*	-3.3*	-3.5*	-3.9*	-3.1*
White Hispanic ^e	25.5	29.7	22.3	-2.1*	-2.1*	-2.1*	-	-	-
White Non-Hispanic ^e	30.2	33.4	27.5	-3.5*	-3.8*	-3.0*	-	-	-
Black	39.1	44.6	35.3	-3.5*	-3.5*	-3.6*	-3.8*	-3.8*	-4.0*
Asian/Pacific Islander	23.9	26.6	21.8	-2.9*	-3.1*	-3.0*	-	-	-
Amer Ind/Alaska Nat ^f	28.4	31.3	26.6	-0.7	-0.8	-0.5	-	-	-
Hispanic ^e	24.7	28.7	21.6	-2.2*	-2.2*	-2.2*	-	-	-
Cancer of the Rectum SEER Incidence	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	12.3	15.3	9.7	-2.2*	-2.4*	-2.0*	-2.3*	-2.6*	-2.1*
White	12.0	15.0	9.5	-2.5*	-2.8*	-2.0*	-2.7*	-3.2*	-2.4*
White Hispanic ^e	11.5	15.2	8.6	-0.7*	-0.9*	-0.7*	-	-	-
White Non-Hispanic ^e	12.2	15.0	9.7	-2.7*	-3.0*	-2.5*	-	-	-
Black	13.2	16.6	10.7	-2.5*	-1.0*	-0.5	-2.2	-2.2	-0.3*
Asian/Pacific Islander	12.2	15.6	9.5	-1.2*	-1.3*	-0.9*	-	-	-
Amer Ind/Alaska Nat ^f	11.9	15.0	9.1	0.3	1.1	-0.8	-	-	-
Hispanic ^e	11.2	14.6	8.3	-0.8*	-0.9*	-0.7*	-	-	-

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

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

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

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

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

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

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

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

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

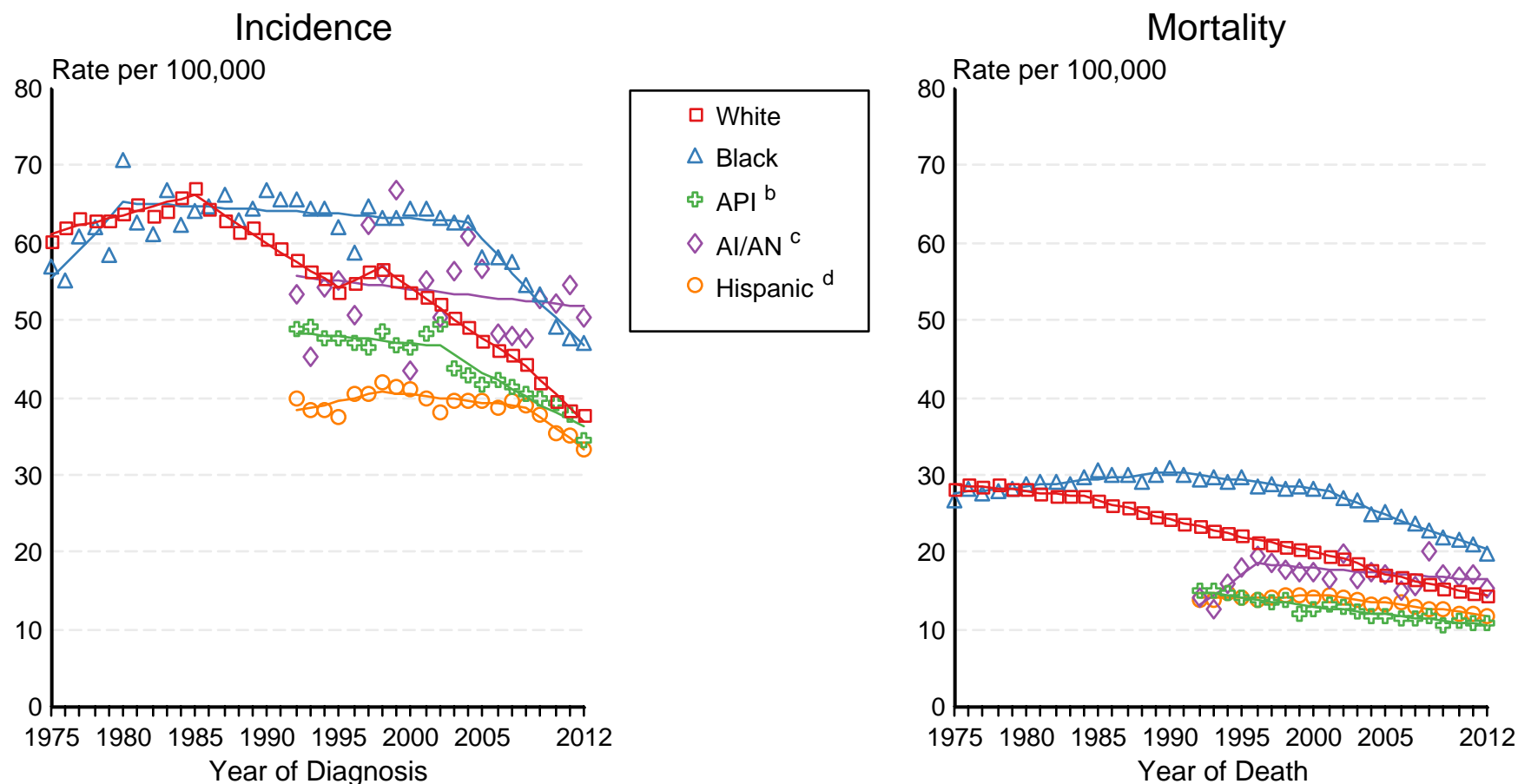
^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.

^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 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012	Trend 2003-2012 ^c	Trend 2003-2012 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	25.1	1.5*	1.1
White	25.8	1.3*	1.1*
White Hispanic ^e	21.5	3.0*	-
White Non-Hispanic ^e	26.4	1.0*	-
Black	24.0	2.3*	2.8*
Asian/Pacific Islander	19.9	1.8*	-
Amer Ind/Alaska Nat ^f	19.8	2.5*	-
Hispanic ^e	20.7	2.9*	-
<u>U.S. Mortality^g</u>			
	Rate 2008-2012	Trend 2003-2012 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	4.4	1.1*	
White	4.1	0.8*	
White Hispanic ^e	3.7	2.0*	
White Non-Hispanic ^e	4.1	0.8*	
Black	7.7	1.5*	
Asian/Pacific Islander	2.8	2.0*	
Amer Ind/Alaska Nat			
Total U.S.	2.6	0.3	
CHSDA Counties	3.5	1.1	
Non-CHSDA Counties	1.5	-1.1	
Hispanic ^e	3.5	0.7*	

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

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

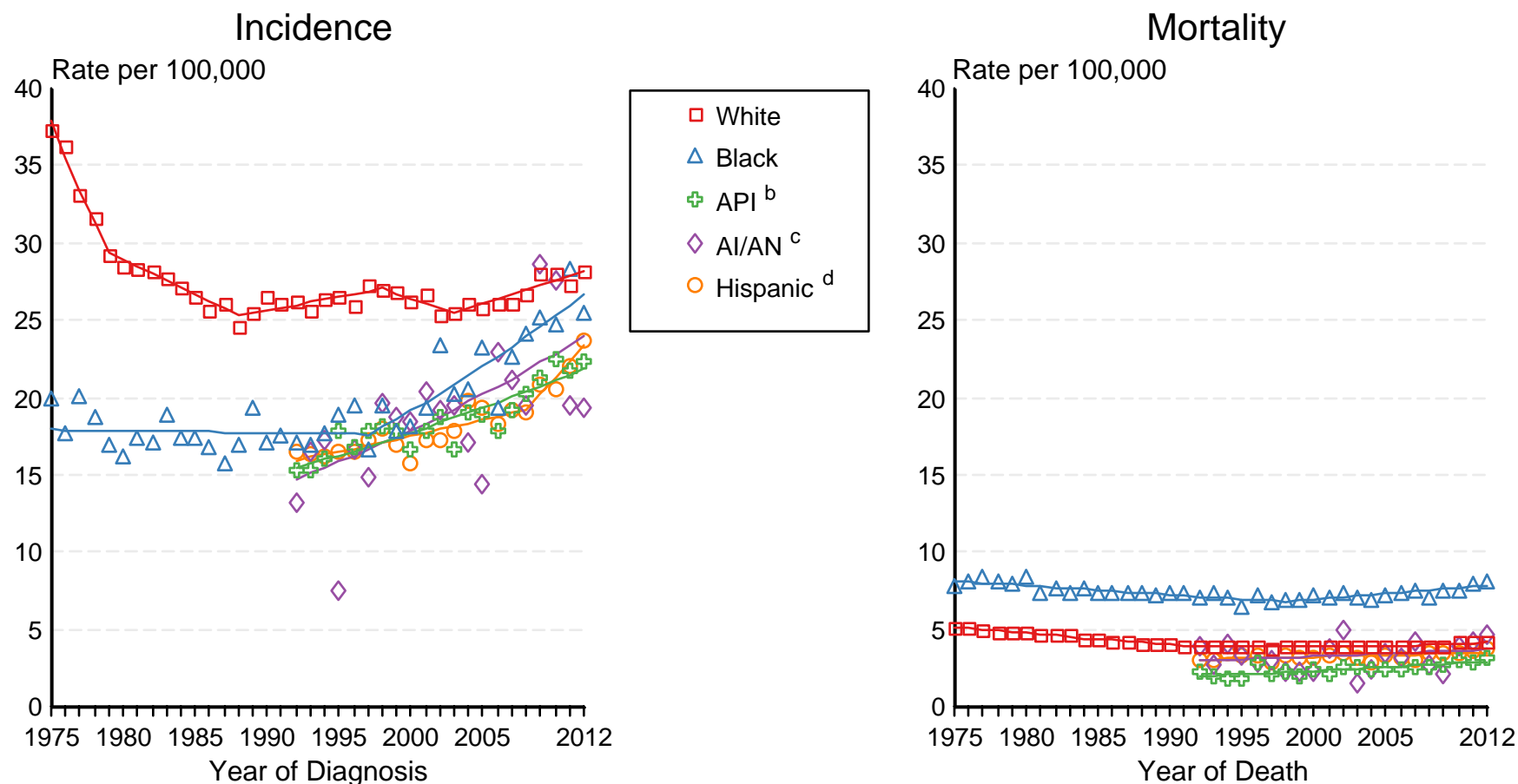
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 7.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	4.4	7.6	1.7	-0.4*	-0.2	-1.2*	-1.2*	-1.1*	-0.5*
White	4.6	8.0	1.7	0.5*	-0.2	-0.6*	-0.3	-0.3	-0.1
White Hispanic ^e	3.0	5.4	1.0	-1.0*	-1.1*	-1.0	-	-	-
White Non-Hispanic ^e	4.8	8.4	1.8	-0.5	-0.3	-0.4	-	-	-
Black	4.6	7.6	2.5	-4.7*	-4.9*	-4.2*	-4.6*	-4.9*	-3.2*
Asian/Pacific Islander	2.2	3.6	1.0	-1.8*	-2.1*	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	3.1	4.9	1.6	-1.8	-3.2	-	-	-	-
Hispanic ^e	2.9	5.2	1.0	-1.0*	-1.1*	-1.1	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2008-2012 Rate per 100,000 persons			Trend 2003-2012 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	4.2	7.5	1.5	-0.8*	-0.7*	-1.6*			
White	4.3	7.7	1.5	-0.2	-0.2	-1.1*			
White Hispanic ^e	2.4	4.5	0.8	-0.7*	-0.7*	-2.4*			
White Non-Hispanic ^e	4.5	8.0	1.6	0.0	-0.1	-0.9*			
Black	4.0	7.0	2.0	-4.4*	-4.6*	-4.1*			
Asian/Pacific Islander	1.7	2.8	0.8	-1.9*	-2.1*	-1.3*			
Amer Ind/Alaska Nat									
Total U.S.	2.5	4.2	1.1	-3.7*	-4.9*	0.8			
CHSDA Counties	3.4	5.6	1.8	-2.4	-4.2	3.5*			
Non-CHSDA Counties	1.4	2.5	-	-2.7*	-2.1	-4.6			
Hispanic ^e	2.3	4.3	0.8	-0.8*	-0.8*	-2.5*			

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

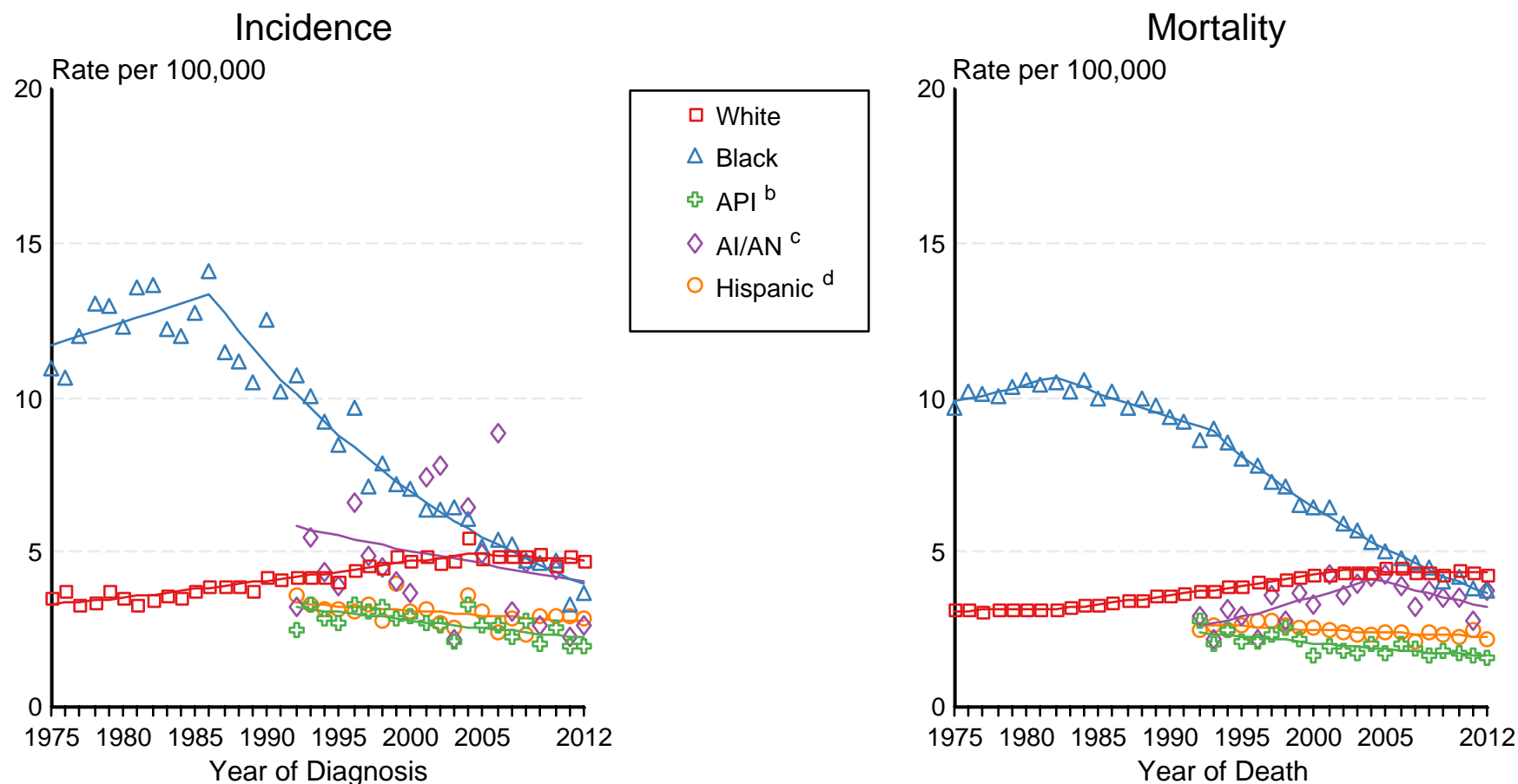
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 8.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	2.7	3.0	2.4	-0.6	-0.9	0.0	-0.7	-0.3	0.3*
White	2.9	3.2	2.6	-0.9	0.0	-0.1	-0.8	0.1	0.2
White Hispanic ^e	2.4	2.7	2.1	0.1	-0.5	0.7	-	-	-
White Non-Hispanic ^e	3.1	3.5	2.8	-1.0	0.3	-0.1	-	-	-
Black	2.7	3.0	2.4	0.9*	1.0*	0.6	1.1*	0.5	1.9*
Asian/Pacific Islander	1.3	1.5	1.2	-0.1	1.4	2.6*	-	-	-
Amer Ind/Alaska Nat ^f	1.1	1.1	1.0	-	-	-	-	-	-
Hispanic ^e	2.3	2.6	2.0	0.0	-0.6	0.6	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.4	0.5	0.3	-2.7*	-2.3*	-2.8*			
White	0.4	0.5	0.3	-2.6*	-2.2*	-2.7*			
White Hispanic ^e	0.4	0.6	0.3	-2.3*	-2.4*	-2.2*			
White Non-Hispanic ^e	0.4	0.5	0.3	-2.6*	-2.6*	-2.7*			
Black	0.3	0.4	0.3	-2.8*	-3.2*	-2.5*			
Asian/Pacific Islander	0.1	0.2	0.1	-1.9	-2.7	-			
Amer Ind/Alaska Nat									
Total U.S.	0.1	-	-	-2.9	-	-			
CHSDA Counties	-	-	-	-1.1	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.4	0.5	0.3	-2.5*	-2.5*	-2.4*			

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

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

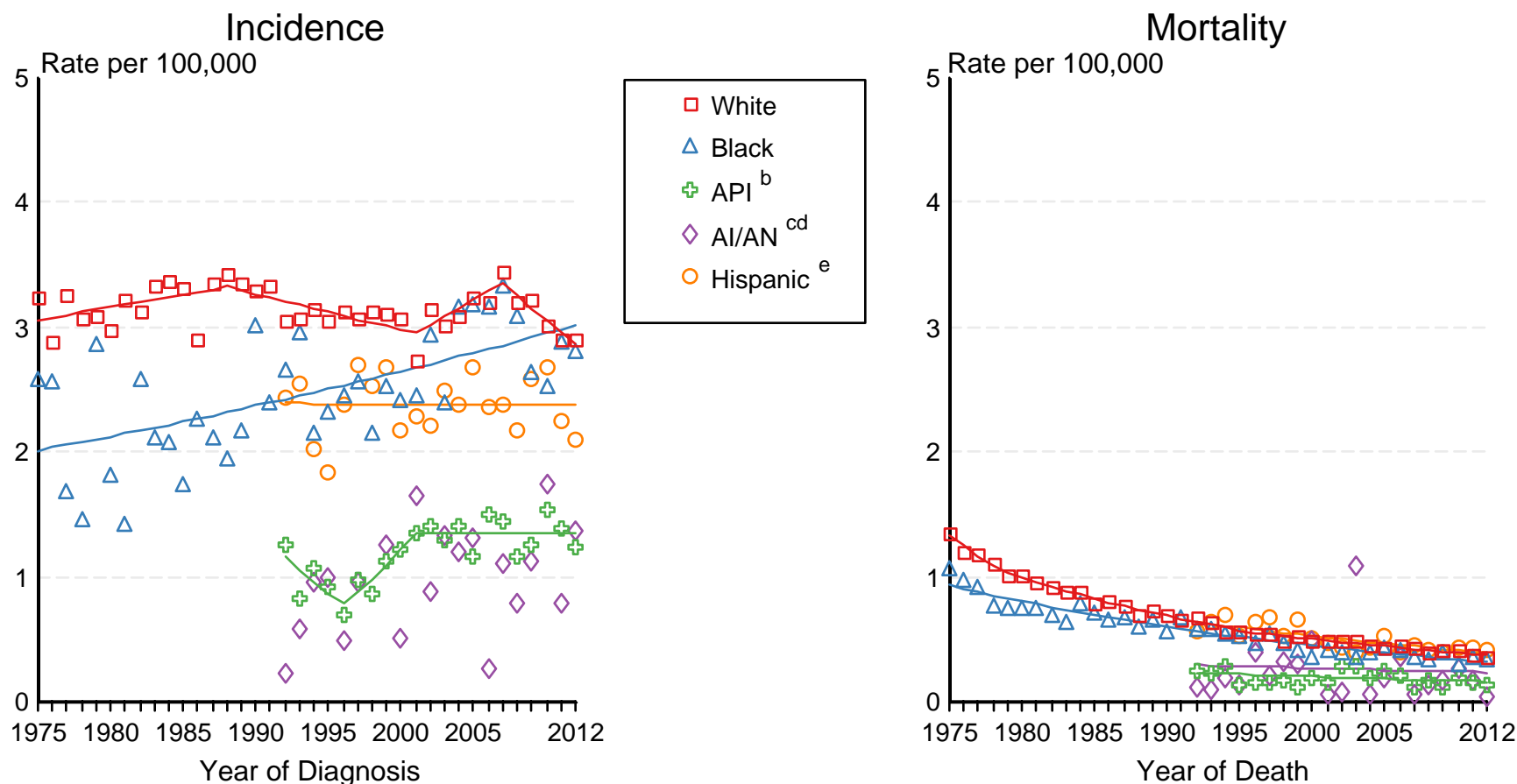
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 9.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

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

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

Table 10.13
Kaposi Sarcoma

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

SEER Incidence RACE/ETHNICITY	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	0.5	1.0	0.1	-2.4*	-2.4*	-4.8*	-1.5*	-1.5*	-4.5*
White	0.5	0.9	0.1	-2.9*	-3.0*	-4.6*	-2.3*	-2.3*	-4.9*
White Hispanic ^e	0.7	1.2	0.2	-4.2	-3.5*	-	-	-	-
White Non-Hispanic ^e	0.4	0.8	0.1	-3.0*	-3.1*	-5.4*	-	-	-
Black	1.1	2.2	0.2	-1.4	-1.3	-2.3	0.4	0.5	-
Asian/Pacific Islander	0.2	0.4	-	-0.3	0.5	-	-	-	-
Amer Ind/Alaska Nat ^f	-	-	-	-	-	-	-	-	-
Hispanic ^e	0.7	1.2	0.2	-3.3	-3.8*	-3.3	-	-	-

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

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

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

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

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

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

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

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

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

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

^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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	15.6	21.3	10.8	1.4*	1.5*	1.2*	1.4*	1.6	1.2
White	16.1	21.9	11.1	1.4*	1.3*	1.3*	1.4*	1.3*	1.2
White Hispanic ^e	16.1	21.2	12.1	1.2	0.4	2.8*	-	-	-
White Non-Hispanic ^e	16.1	22.1	11.0	1.4*	1.5*	1.0*	-	-	-
Black	18.1	25.1	12.8	1.1	2.5*	2.3*	2.8*	2.9*	2.7*
Asian/Pacific Islander	8.2	11.6	5.5	2.1	2.4*	1.1	-	-	-
Amer Ind/Alaska Nat ^f	18.8	24.8	13.9	1.5*	1.5*	1.5	-	-	-
Hispanic ^e	15.4	20.2	11.6	1.3	0.5	2.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	3.9	5.7	2.5	-0.9*	-0.8*	-1.3*			
White	4.0	5.9	2.6	-0.5*	-0.7*	-1.3*			
White Hispanic ^e	3.7	5.3	2.5	0.1	0.0	0.2			
White Non-Hispanic ^e	4.0	5.9	2.6	-0.8*	-0.4*	-1.4*			
Black	3.8	5.6	2.5	-0.9*	-0.7*	-0.6*			
Asian/Pacific Islander	1.9	2.9	1.2	0.1	0.4	-0.1			
Amer Ind/Alaska Nat									
Total U.S.	4.4	5.8	3.2	-0.8	-5.1	-1.1			
CHSDA Counties	6.6	8.7	4.7	0.1	-0.3	-0.1			
Non-CHSDA Counties	1.9	2.6	1.3	-1.9	-0.9	-2.6			
Hispanic ^e	3.5	5.0	2.4	0.0	-0.1	0.1			

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

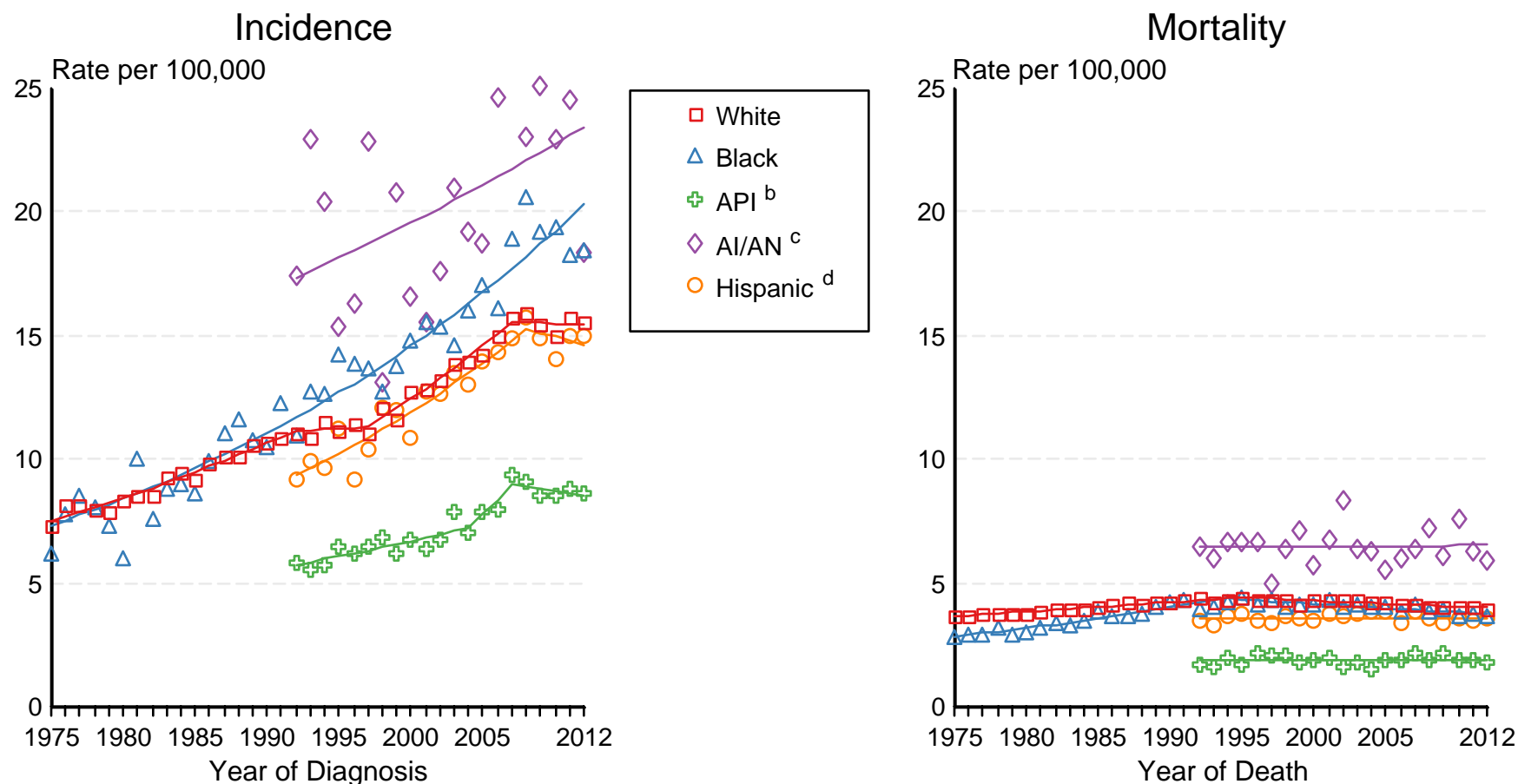
^g US Mortality Files, National Center for Health Statistics, CDC.

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

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

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 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	3.2	5.8	1.2	-2.6*	-1.9*	-3.1*	-2.4*	-2.4*	-2.6*
White	3.3	5.8	1.2	-2.4*	-1.5*	-2.8*	-2.3*	-2.4*	-2.4*
White Hispanic ^e	2.4	4.7	0.5	-1.8*	-1.7*	-3.3*	-	-	-
White Non-Hispanic ^e	3.5	6.0	1.4	-2.3*	-1.6*	-2.6*	-	-	-
Black	4.7	8.8	1.7	-3.3*	-3.2*	-3.4*	-2.9*	-2.7*	-3.3*
Asian/Pacific Islander	1.2	2.4	0.3	-3.0*	-2.8*	-2.6	-	-	-
Amer Ind/Alaska Nat ^f	2.3	4.3	-	0.6	1.1	-	-	-	-
Hispanic ^e	2.3	4.5	0.5	-1.8*	-1.7*	-3.0*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	1.1	1.9	0.4	-2.2*	-2.5*	-2.1*			
White	1.0	1.8	0.4	-1.9*	-2.3*	-1.7*			
White Hispanic ^e	0.9	1.7	0.2	-2.5*	-2.7*	-1.9*			
White Non-Hispanic ^e	1.0	1.8	0.4	-1.8*	-2.2*	-1.5*			
Black	1.8	3.6	0.6	-3.3*	-3.3*	-3.2*			
Asian/Pacific Islander	0.4	0.8	0.1	-1.9*	-1.3	-4.2*			
Amer Ind/Alaska Nat									
Total U.S.	0.7	1.4	0.2	-2.6*	-2.1	-			
CHSDA Counties	0.9	1.7	-	-2.6	-1.7	-			
Non-CHSDA Counties	0.5	1.0	-	-	-	-			
Hispanic ^e	0.8	1.7	0.2	-2.5*	-2.7*	-2.0*			

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

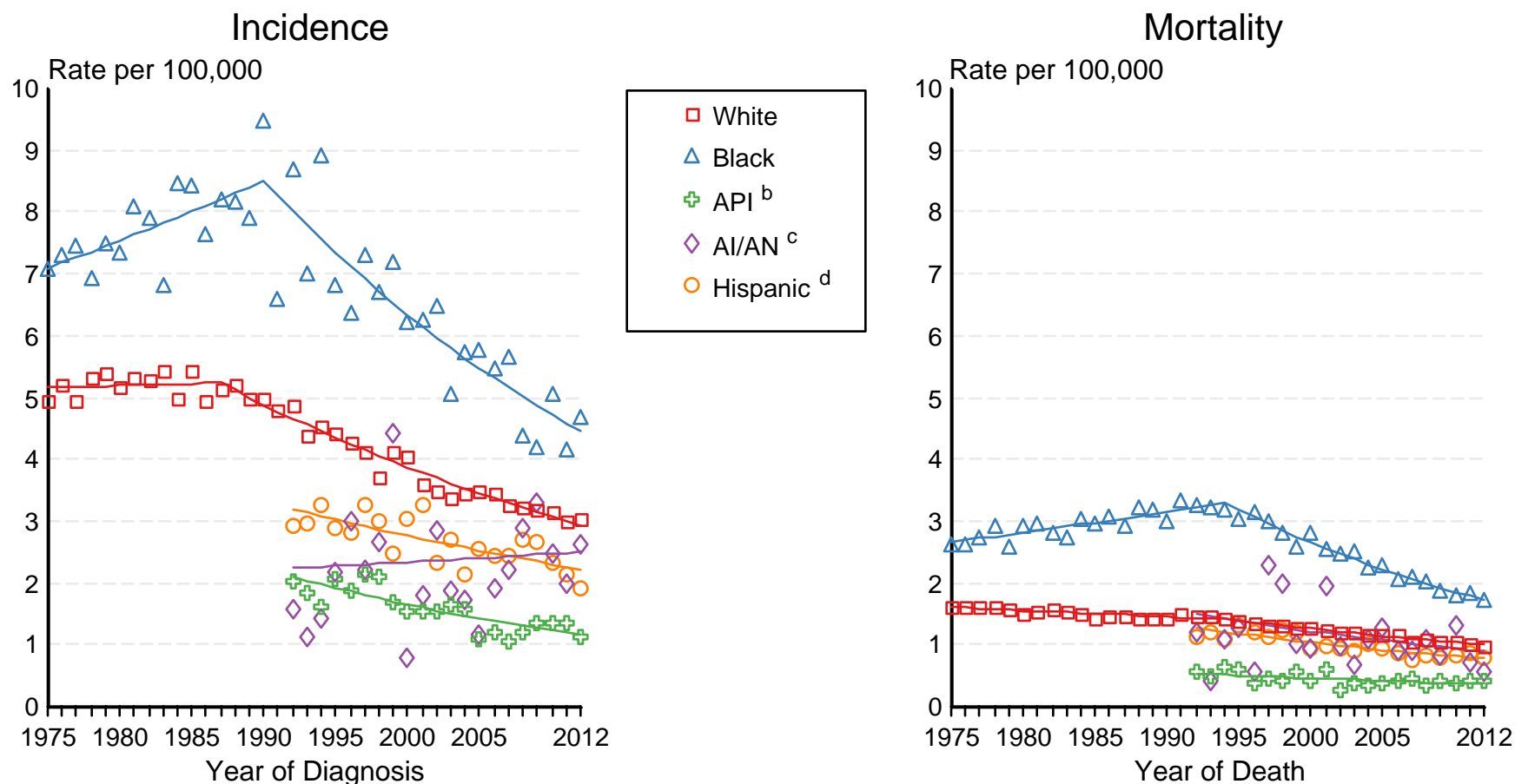
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 12.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 Rate 2008-2012			SEER 13 Areas ^b Trend 2003-2012 ^c			SEER 9 Areas ^b Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	13.3	17.0	10.4	0.2*	0.1	0.3*	0.2*	0.1*	0.3*
White	14.0	17.9	10.9	0.3*	0.1	0.4*	0.3*	0.2*	0.4*
White Hispanic ^e	10.9	13.1	9.2	0.4	0.2	0.5	-	-	-
White Non-Hispanic ^e	14.2	18.3	11.0	0.4*	0.2	0.4*	-	-	-
Black	10.6	13.5	8.5	0.2	0.2	0.1	0.0	0.0	0.0
Asian/Pacific Islander	7.8	9.8	6.3	-0.2	-0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.4	10.1	7.2	1.6	2.2	1.5	-	-	-
Hispanic ^e	10.5	12.6	8.9	0.4	0.2	0.5	-	-	-
U.S. Mortality ^g									
	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	7.0	9.4	5.2	-1.0*	-0.8*	-1.2*			
White	7.2	9.7	5.4	-0.9*	-0.7*	-1.1*			
White Hispanic ^e	5.2	6.5	4.2	-0.4*	-0.4	-0.4*			
White Non-Hispanic ^e	7.3	9.9	5.4	-0.8*	-0.7*	-1.1*			
Black	6.0	7.9	4.7	-1.2*	-1.3*	-1.1*			
Asian/Pacific Islander	4.0	5.1	3.2	0.6	-0.5	-0.5			
Amer Ind/Alaska Nat									
Total U.S.	3.6	5.0	2.6	-1.3*	-1.0	-1.8*			
CHSDA Counties	4.6	6.7	3.2	-0.2	0.5	-1.1			
Non-CHSDA Counties	2.4	3.0	2.0	-2.7*	-3.1*	-2.4			
Hispanic ^e	4.9	6.1	4.0	-0.7*	-0.5*	-0.5*			

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

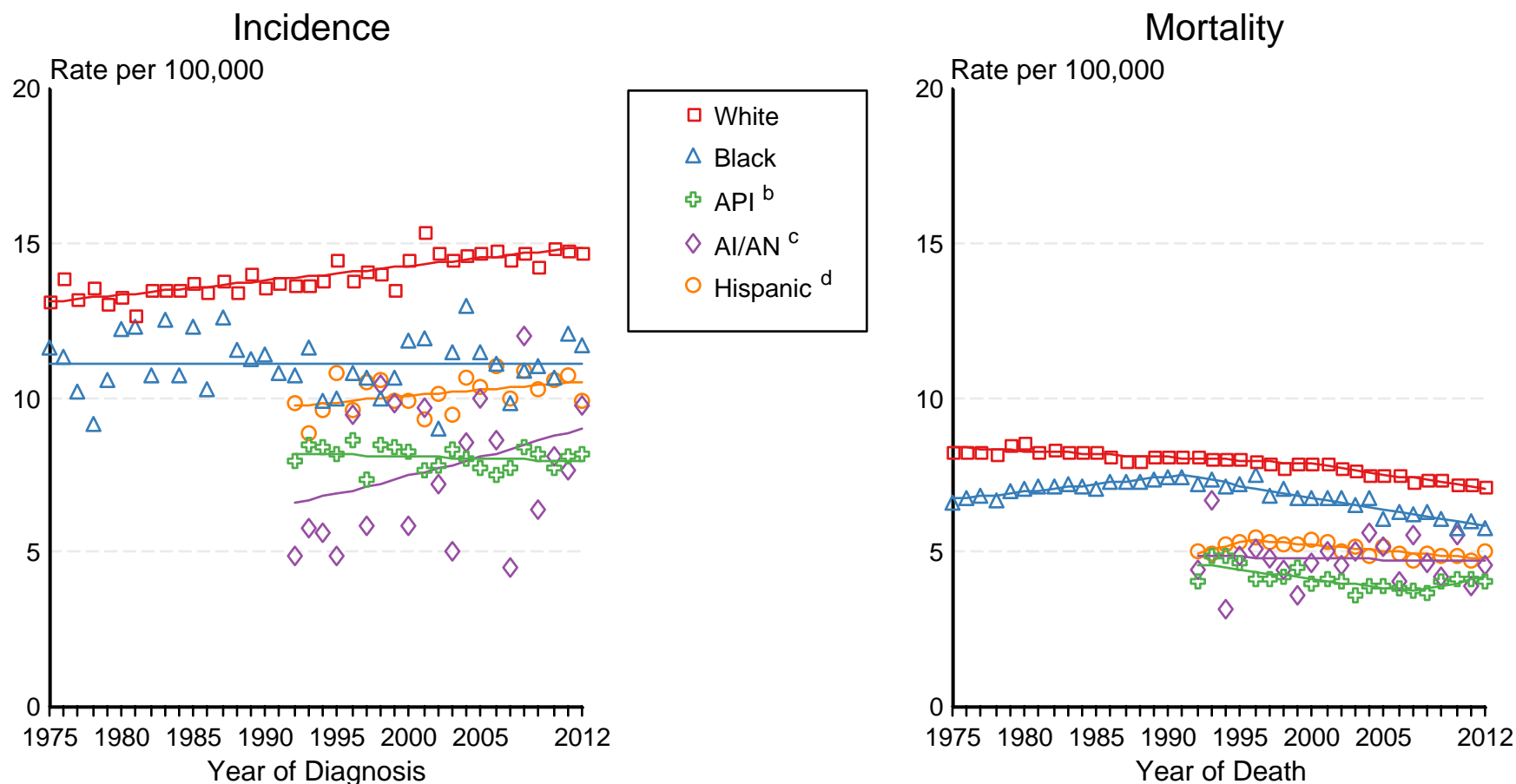
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 13.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	8.2	12.7	4.3	3.1*	3.4*	2.4*	4.0*	3.8*	2.7*
White	7.2	11.2	3.7	4.2*	3.9*	3.6*	4.6*	4.0*	4.1*
White Hispanic ^e	13.1	19.9	7.3	3.1*	3.2*	2.5*	-	-	-
White Non-Hispanic ^e	6.3	9.8	3.2	4.1*	3.6*	3.7*	-	-	-
Black	9.8	16.2	4.8	3.8*	4.2*	2.8*	3.9*	3.9*	2.8*
Asian/Pacific Islander	13.7	20.9	7.9	-0.9	0.5	0.3	-	-	-
Amer Ind/Alaska Nat ^f	13.6	19.9	8.4	2.7*	3.3*	1.4	-	-	-
Hispanic ^e	12.5	19.1	7.0	3.1*	3.2*	2.5*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2008-2012 Rate per 100,000 persons			Trend 2003-2012 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	6.0	8.8	3.5	2.7*	2.8*	2.1*			
White	5.5	8.1	3.3	2.9*	2.9*	2.1*			
White Hispanic ^e	9.4	13.6	5.9	2.0*	2.0*	1.7*			
White Non-Hispanic ^e	5.2	7.6	3.1	2.8*	2.9*	2.0*			
Black	7.9	12.5	4.3	2.6*	2.3*	1.0*			
Asian/Pacific Islander	9.8	14.5	6.1	-0.8*	-0.8*	-0.6*			
Amer Ind/Alaska Nat									
Total U.S.	6.8	9.5	4.6	1.6*	1.6*	1.1			
CHSDA Counties	9.8	13.9	6.3	2.1*	2.5*	1.3			
Non-CHSDA Counties	3.5	4.5	2.5	1.8	1.4	2.8*			
Hispanic ^e	8.9	12.9	5.6	1.9*	1.9*	1.6*			

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

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

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

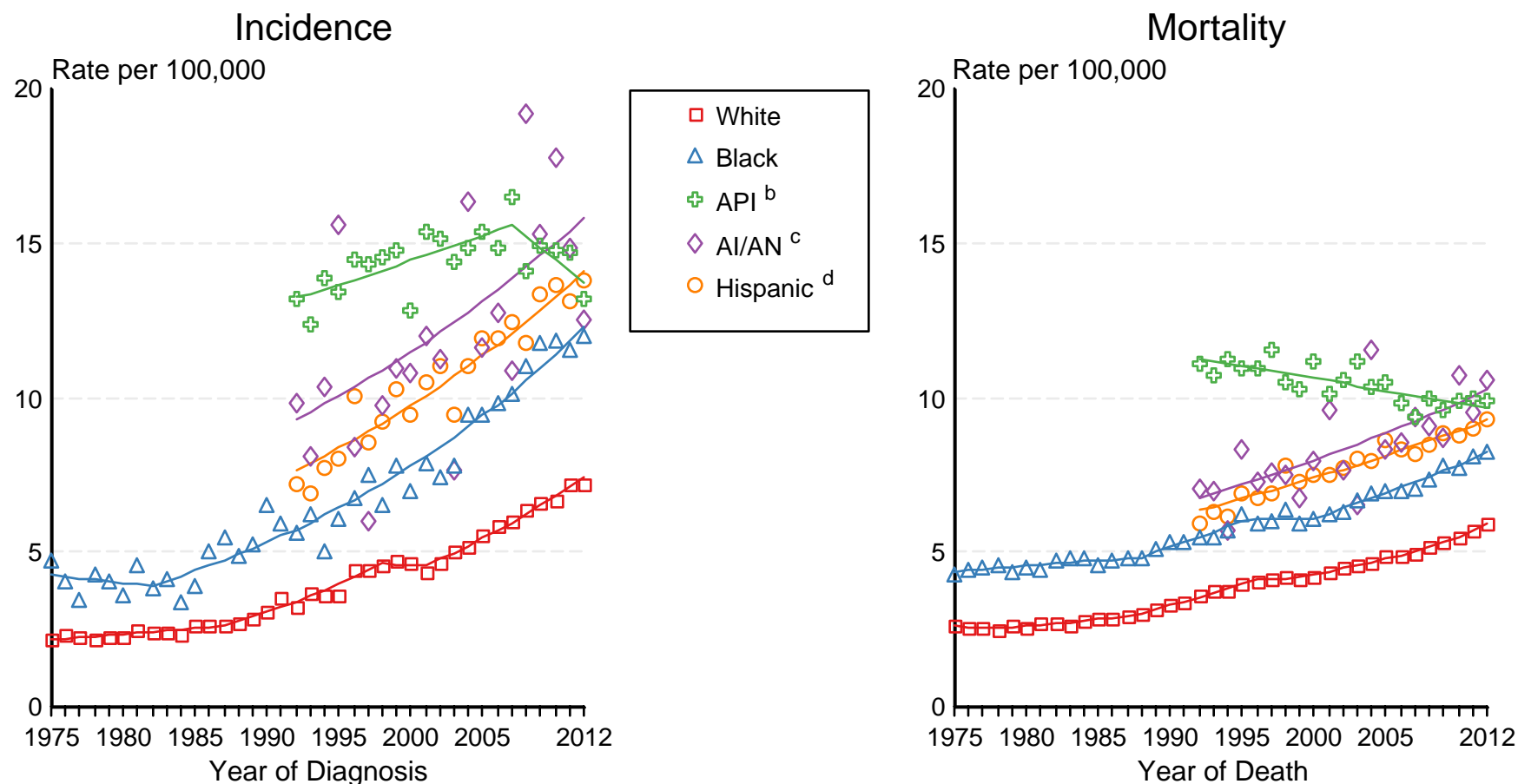
Figure 14.2

SEER Incidence and US Death Rates^a

Cancer of the Liver and Intrahepatic Bile Duct, Both Sexes

Joinpoint Analyses for Whites and Blacks from 1975-2012

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	58.7	70.1	50.2	-2.0*	-2.7*	-1.3*	-1.7*	-2.4*	-1.0*
White	60.2	70.3	52.7	-2.0*	-2.6*	-1.3*	-1.7*	-2.4*	-1.0*
White Hispanic ^e	31.4	39.3	25.9	-1.3*	-2.1*	-0.4*	-	-	-
White Non-Hispanic ^e	64.6	74.8	56.9	-1.8*	-2.5*	-1.2*	-	-	-
Black	67.0	90.9	50.8	-2.3*	-2.6*	-1.3*	-1.7*	-2.7*	0.1
Asian/Pacific Islander	37.1	49.0	28.5	-1.3*	-2.3*	0.3	-	-	-
Amer Ind/Alaska Nat ^f	39.9	47.6	34.5	-0.7	-1.5*	0.5	-	-	-
Hispanic ^e	30.4	37.9	25.1	-1.3*	-2.1*	-0.4*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	47.2	59.8	37.8	-2.0*	-2.7*	-1.4*			
White	47.9	59.7	39.1	-1.9*	-2.6*	-1.3*			
White Hispanic ^e	21.3	30.9	14.4	-2.3*	-2.8*	-1.2*			
White Non-Hispanic ^e	50.4	62.2	41.4	-1.8*	-2.5*	-1.2*			
Black	50.6	73.1	35.8	-2.5*	-3.4*	-1.7*			
Asian/Pacific Islander	24.8	34.0	18.2	-1.2*	-1.6*	-0.4*			
Amer Ind/Alaska Nat									
Total U.S.	31.7	39.4	25.8	-1.0*	-2.0*	-1.8*			
CHSDA Counties	39.4	49.1	32.1	-0.2	-1.0*	-1.2			
Non-CHSDA Counties	22.7	28.1	18.3	-2.1*	-3.2*	-1.8*			
Hispanic ^e	20.4	29.5	13.7	-2.3*	-3.0*	-1.3*			

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

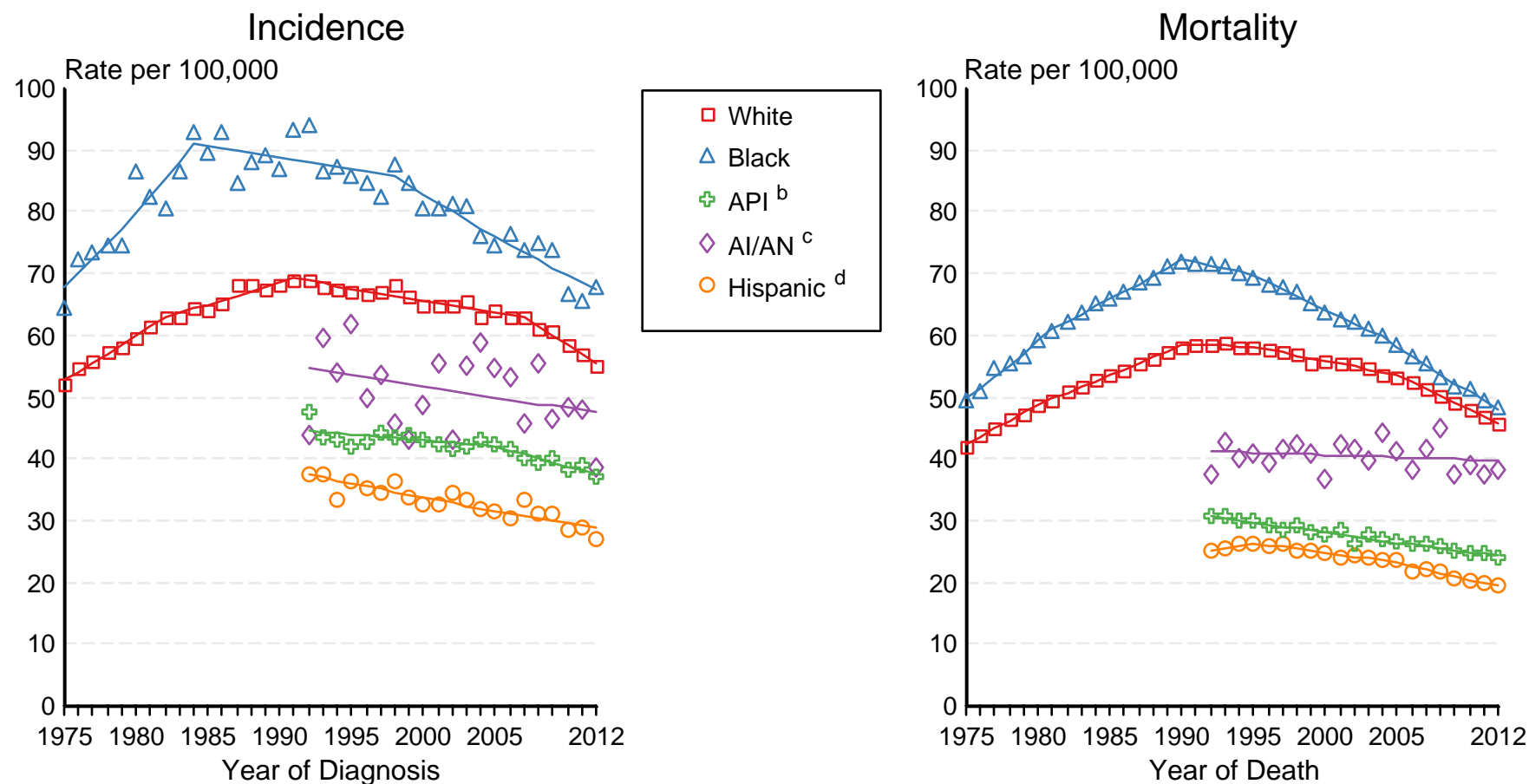
US Mortality Files, National Center for Health Statistics, CDC.

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

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

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 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	21.6	28.2	16.8	1.0*	1.2*	0.5	1.4*	1.6*	0.8
White	25.6	33.0	20.2	1.1*	1.3*	0.9	1.5*	1.7*	1.2*
White Hispanic ^e	4.6	5.0	4.5	0.9*	1.4*	0.5	-	-	-
White Non-Hispanic ^e	30.2	38.2	24.2	1.5*	1.6*	1.3*	-	-	-
Black	1.1	1.2	1.0	1.8	-2.7*	0.4	0.0	-0.2	0.0
Asian/Pacific Islander	1.3	1.6	1.1	0.6	1.4	0.0	-	-	-
Amer Ind/Alaska Nat ^f	4.0	3.4	4.5	1.6	0.8	2.1	-	-	-
Hispanic ^e	4.5	4.8	4.5	0.7	1.1*	0.3	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	2.7	4.1	1.7	0.0	0.3*	-0.5*			
White	3.1	4.6	2.0	0.2*	0.4*	-0.3*			
White Hispanic ^e	0.8	1.1	0.6	-0.2	0.0	-0.4			
White Non-Hispanic ^e	3.4	5.0	2.1	0.4*	0.6*	0.0			
Black	0.4	0.5	0.4	-1.0*	-0.2	-1.7*			
Asian/Pacific Islander	0.4	0.4	0.3	-0.8	-1.3	-0.3			
Amer Ind/Alaska Nat									
Total U.S.	0.7	1.0	0.6	1.2	2.3	0.4			
CHSDA Counties	1.0	1.5	0.7	1.7	4.0*	-			
Non-CHSDA Counties	0.5	-	-	1.7	-	-			
Hispanic ^e	0.8	1.0	0.6	-0.2	0.0	-0.4			

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

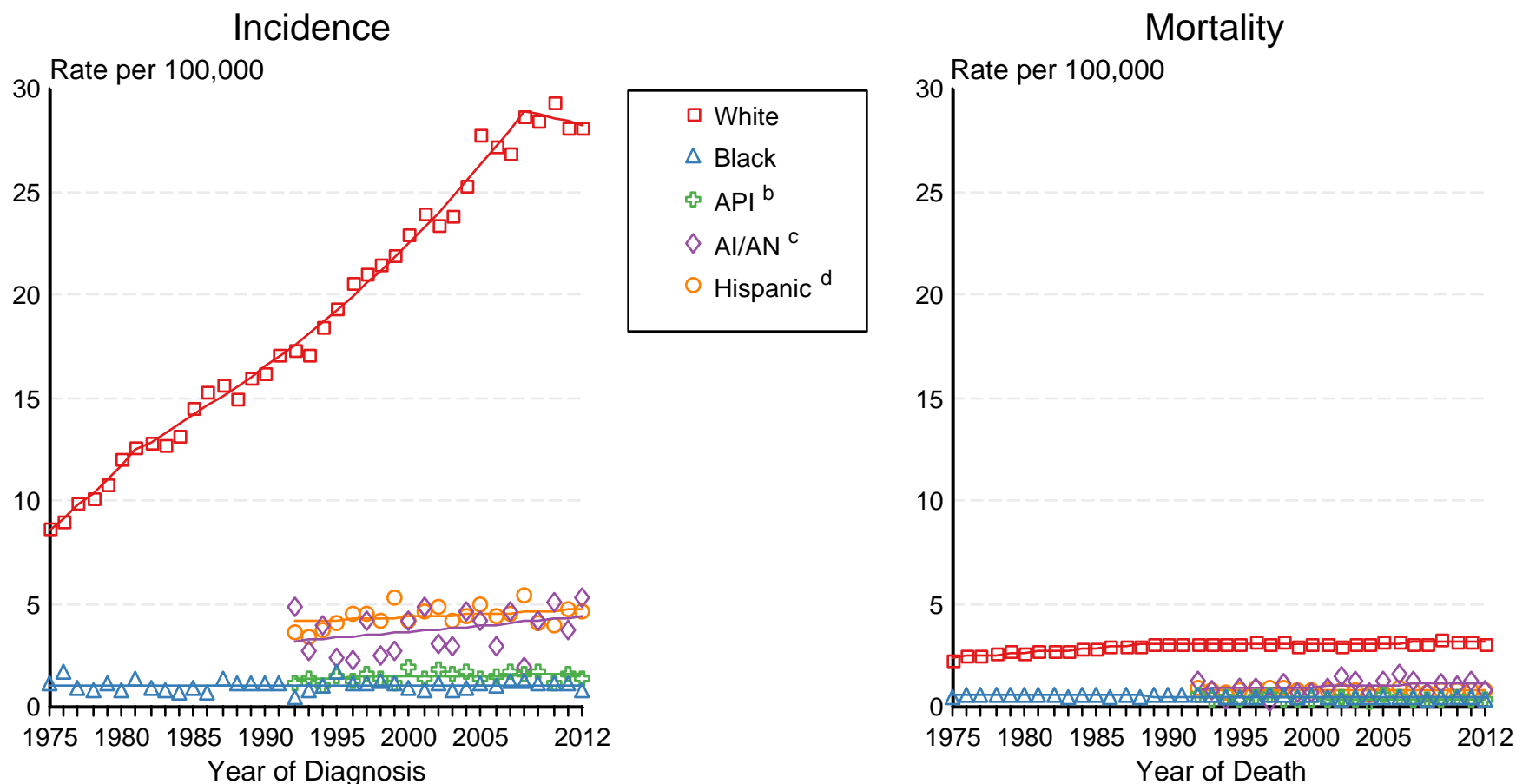
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 16.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

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

Table 17.11
Mesothelioma

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

SEER Incidence RACE/ETHNICITY	SEER 18 Areas ^b Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	1.0	1.8	0.4	-1.0*	-1.4*	0.0	-1.0*	-1.5*	-0.1
White	1.1	2.0	0.5	-0.6*	-1.1*	0.4	-0.6*	-1.2*	0.7*
White Hispanic ^e	0.9	1.7	0.4	-3.2*	-1.8*	-1.1	-	-	-
White Non-Hispanic ^e	1.1	2.1	0.5	-0.5*	-1.0*	0.5	-	-	-
Black	0.5	1.0	0.2	-3.6*	-3.9*	-2.3	-5.2*	-6.3*	-
Asian/Pacific Islander	0.3	0.6	0.2	-1.1	-1.1	-0.4	-	-	-
Amer Ind/Alaska Nat ^f	0.9	-	-	-	-	-	-	-	-
Hispanic ^e	0.9	1.6	0.4	-3.0*	-1.7*	-1.2	-	-	-

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

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

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

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

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

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

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

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

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

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

^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 Rate 2008-2012 Rate per 100,000 persons			SEER 13 Areas ^b Trend 2003-2012 ^c AAPC (%)			SEER 9 Areas ^b Trend 2003-2012 ^d AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	6.3	7.9	5.1	0.6*	0.7*	0.4*	0.8*	0.8*	0.6*
White	5.8	7.5	4.5	0.6*	0.7*	0.3	0.7*	0.8*	0.5*
White Hispanic ^e	6.0	7.5	4.9	0.1	0.2	-0.1	-	-	-
White Non-Hispanic ^e	5.7	7.5	4.4	0.6*	0.7*	0.3	-	-	-
Black	12.8	15.1	11.2	0.7*	1.1*	0.4	0.8*	0.8*	0.9*
Asian/Pacific Islander	3.7	4.6	3.0	0.5	0.5	0.6	-	-	-
Amer Ind/Alaska Nat ^f	4.4	4.6	4.2	-0.6	-1.6	0.0	-	-	-
Hispanic ^e	5.9	7.3	4.8	0.1	0.3	-0.2	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2008-2012 Rate per 100,000 persons			Trend 2003-2012 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	3.3	4.2	2.7	-0.9*	-1.0*	-1.1*			
White	3.1	4.0	2.4	-0.9*	-0.8*	-1.2*			
White Hispanic ^e	2.9	3.6	2.4	-0.5	-0.5	-0.6			
White Non-Hispanic ^e	3.1	4.0	2.4	-0.9*	-1.0*	-1.4*			
Black	6.2	7.6	5.3	-1.6*	-1.5*	-1.1			
Asian/Pacific Islander	1.7	2.2	1.4	-0.5	-0.1	-0.8			
Amer Ind/Alaska Nat									
Total U.S.	2.1	2.6	1.8	-2.3*	-2.2*	-2.6*			
CHSDA Counties	2.7	3.2	2.3	-2.2*	-1.7*	-2.8*			
Non-CHSDA Counties	1.6	1.8	1.3	-1.1	-2.3	-			
Hispanic ^e	2.8	3.5	2.3	-0.6*	-0.6	-0.7			

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

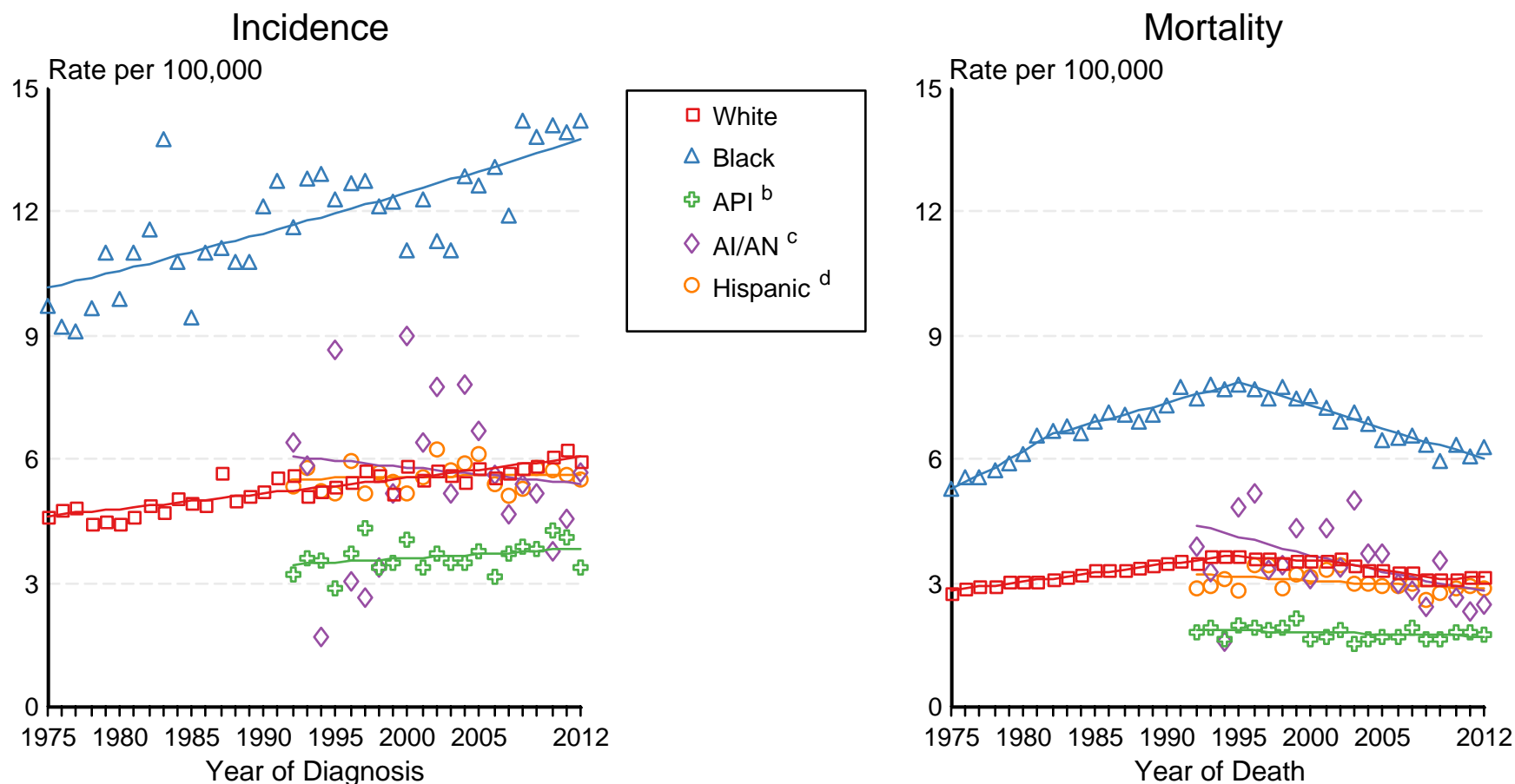
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 18.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.7	23.9	16.3	-0.6	-0.5	-0.5	-0.3	0.3*	-0.6*
White	20.6	24.9	17.1	-0.5	-0.5	-0.5	-0.4	-0.4	-0.7*
White Hispanic ^e	18.5	21.4	16.1	-0.4	0.2	0.8*	-	-	-
White Non-Hispanic ^e	21.0	25.5	17.3	-0.5	-0.4	-0.7*	-	-	-
Black	14.6	17.8	12.1	-0.5	-0.3	0.4	0.4	-0.4	-0.3
Asian/Pacific Islander	13.6	16.6	11.3	0.2	0.2	0.3	-	-	-
Amer Ind/Alaska Nat ^f	12.6	14.6	11.1	2.0*	1.2	2.5*	-	-	-
Hispanic ^e	17.8	20.6	15.5	-0.5	0.2	0.8*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	6.2	7.9	4.8	-2.5*	-2.2*	-2.9*			
White	6.4	8.2	5.0	-2.5*	-2.2*	-2.9*			
White Hispanic ^e	5.5	6.7	4.5	-0.9*	-1.6*	-1.9*			
White Non-Hispanic ^e	6.5	8.3	5.0	-2.5*	-2.5*	-3.0*			
Black	4.4	5.7	3.5	-2.4*	-2.4*	-2.4*			
Asian/Pacific Islander	4.1	5.0	3.4	-2.0*	-2.2*	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	3.2	3.9	2.6	-3.7*	-1.6	-5.6*			
CHSDA Counties	4.6	5.7	3.6	-0.4	-0.3	-4.5*			
Non-CHSDA Counties	1.5	1.8	1.3	-7.6*	-6.5*	-5.4*			
Hispanic ^e	5.2	6.3	4.3	-1.2*	-1.1	-2.0*			

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

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

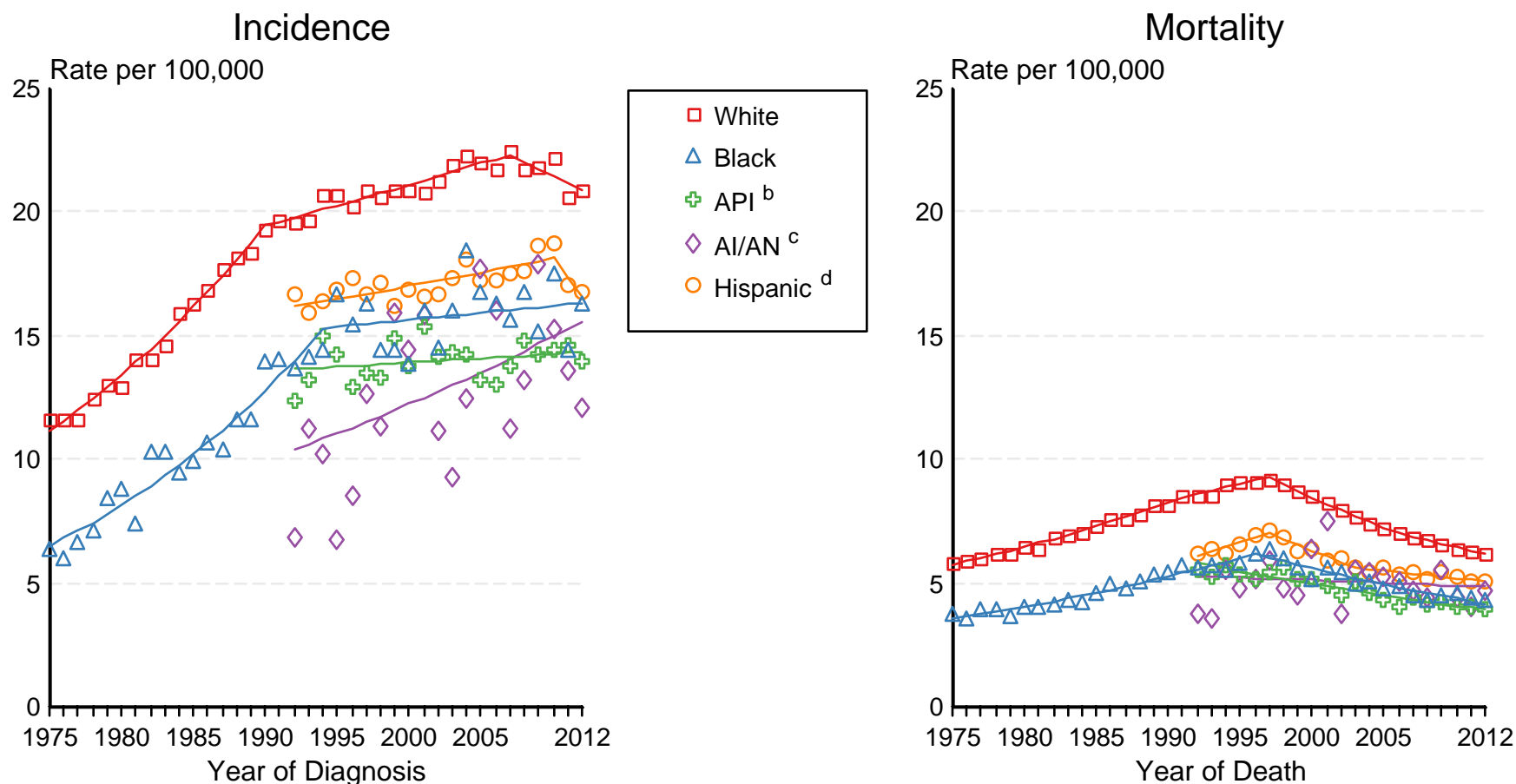
* The APC is significantly different from zero (p<.05).

Figure 19.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	11.0	16.5	6.3	0.4	0.2	-0.7*	0.5	0.3	0.2
White	11.5	17.1	6.4	0.9*	0.7*	0.4	0.9*	0.7*	0.5
White Hispanic ^e	7.0	10.5	4.2	1.5	-0.6	-0.4	-	-	-
White Non-Hispanic ^e	12.3	18.4	6.9	1.0*	0.9*	0.5	-	-	-
Black	9.3	14.6	5.2	-2.6*	-2.9*	-1.7*	-2.5*	-3.1*	-1.6*
Asian/Pacific Islander	7.6	11.0	4.9	-1.0*	-1.1*	-0.7*	-	-	-
Amer Ind/Alaska Nat ^f	8.8	13.2	5.2	-1.3	4.5	0.3	-	-	-
Hispanic ^e	6.8	10.1	4.0	1.3	-0.6	-0.5	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	2.5	3.8	1.4	-0.5	-0.3	-1.3*			
White	2.4	3.7	1.3	-0.2	0.0	-1.1*			
White Hispanic ^e	1.6	2.5	0.8	-0.5	-1.1*	-0.7			
White Non-Hispanic ^e	2.5	3.8	1.4	-0.1	0.2	-1.0*			
Black	2.9	5.0	1.3	-3.7*	-2.4	-3.4*			
Asian/Pacific Islander	1.9	2.9	1.2	-2.1*	-2.3*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	1.7	2.6	1.0	-1.9*	-2.4*	-1.4			
CHSDA Counties	2.2	3.6	1.2	-1.6*	-1.8	-1.1			
Non-CHSDA Counties	1.2	1.5	0.9	-1.8	-	-			
Hispanic ^e	1.5	2.4	0.8	-0.8	-1.4*	-0.8			

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

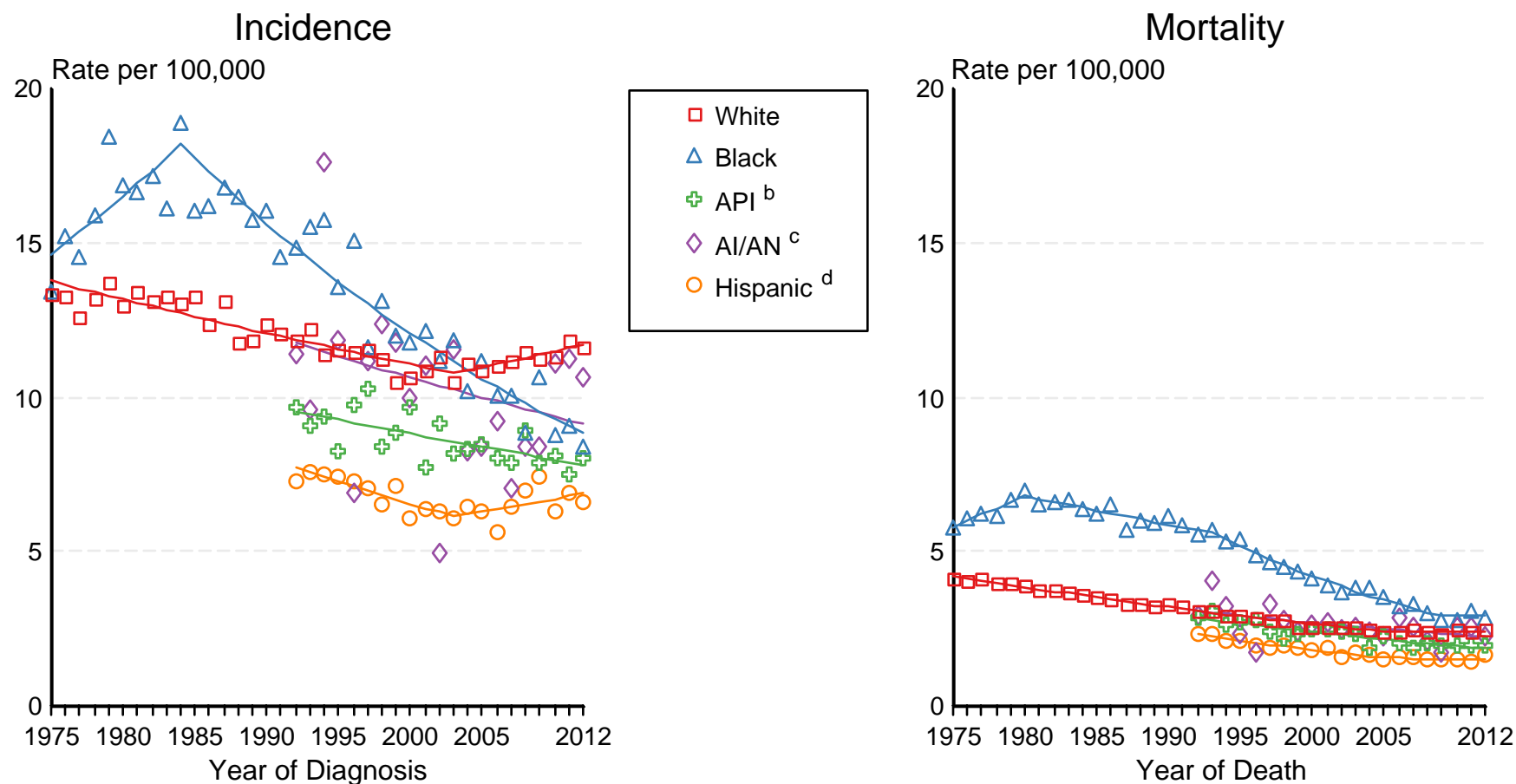
US Mortality Files, National Center for Health Statistics, CDC.

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

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

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 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

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

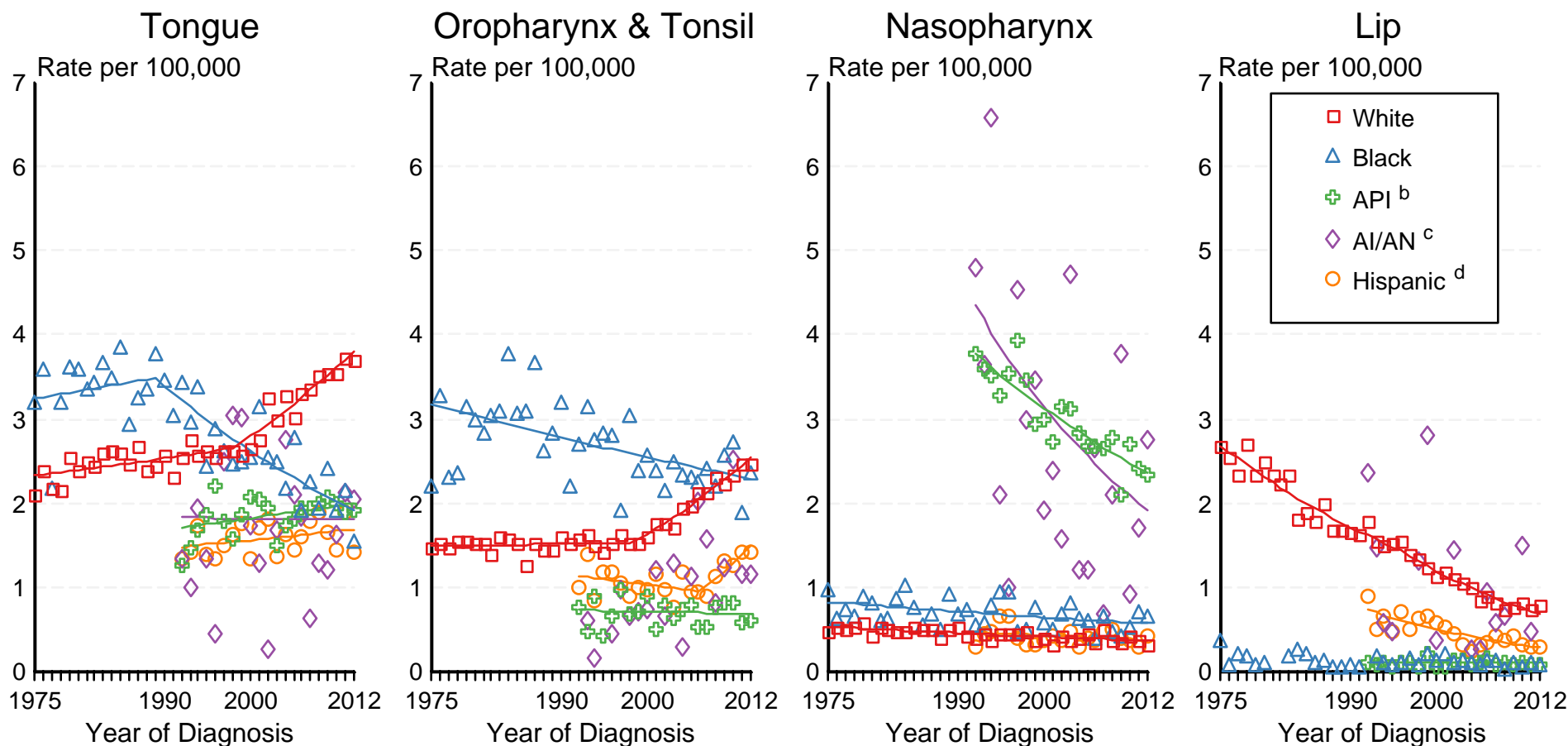
Figure 20.3

SEER Incidence Rates^a

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

Joinpoint Analyses for Whites and Blacks from 1975-2012

and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints. Regression lines could not be calculated for data series that had at least one diagnosis year with a 0 case count.

^b API = Asian/Pacific Islander.

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

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

Table 21.11
Cancer of the Ovary (Invasive)

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

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2008-2012	Trend 2003-2012 ^c	Trend 2003-2012 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Females	Females	Females
All Races	12.1	-1.0*	-1.1*
White	12.8	-1.0*	-1.1*
White Hispanic ^e	11.6	-0.3	-
White Non-Hispanic ^e	12.9	-1.1*	-
Black	9.8	-0.4	-0.4*
Asian/Pacific Islander	9.4	-0.5*	-
Amer Ind/Alaska Nat ^f	10.0	0.1	-
Hispanic ^e	11.0	-0.3	-
<u>U.S. Mortality^g</u>			
	Rate 2008-2012	Trend 2003-2012 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Females	Females	
All Races	7.7	-2.0*	
White	8.0	-2.0*	
White Hispanic ^e	5.9	-0.4*	
White Non-Hispanic ^e	8.2	-2.0*	
Black	6.7	-1.3	
Asian/Pacific Islander	4.6	-0.3	
Amer Ind/Alaska Nat			
Total U.S.	5.2	-0.2	
CHSDA Counties	6.7	0.3	
Non-CHSDA Counties	3.4	-0.2	
Hispanic ^e	5.6	-0.5*	

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

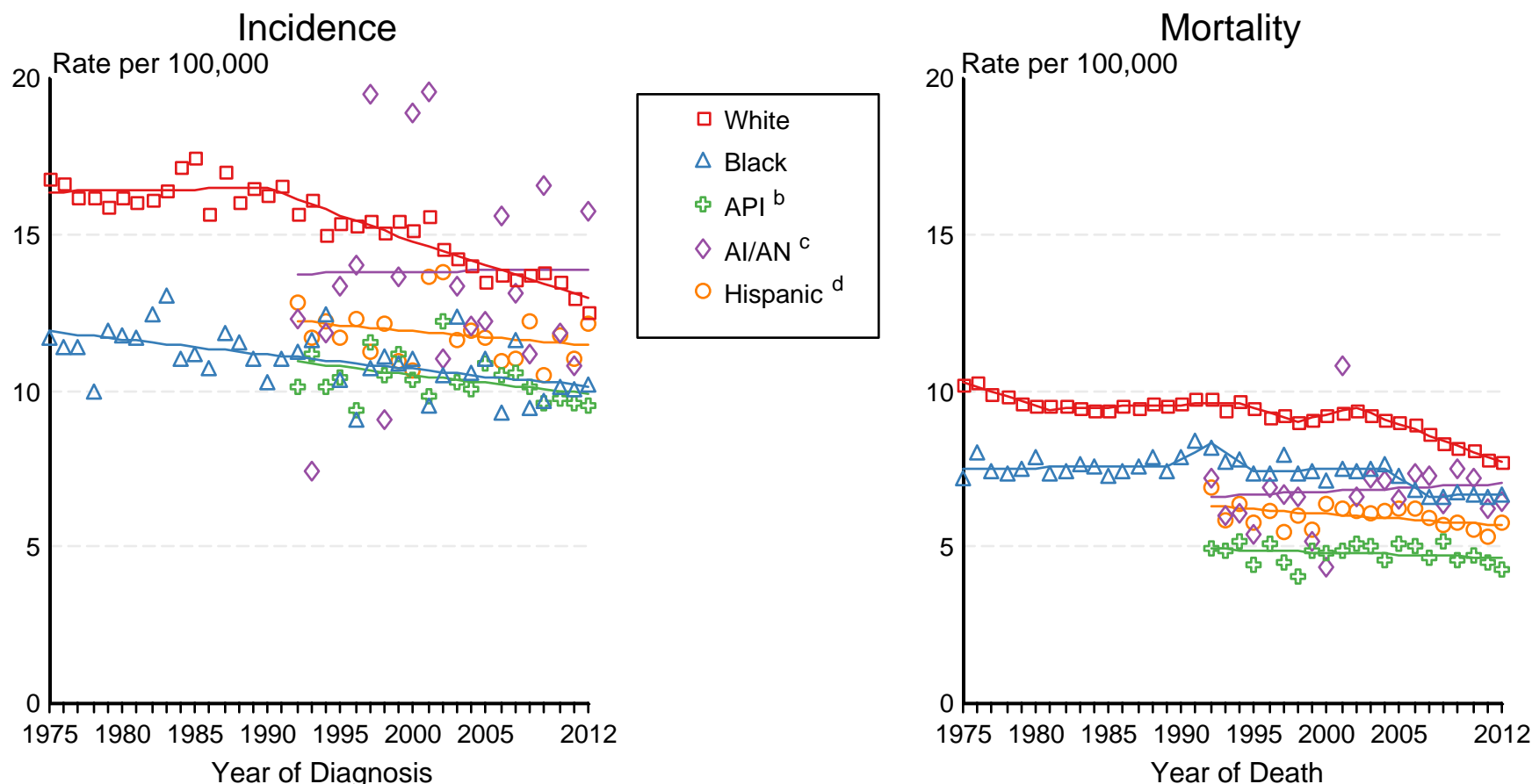
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 21.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	12.4	14.0	11.0	0.8*	1.0	0.7*	0.8*	1.1	1.3*
White	12.3	14.0	10.8	0.9*	0.8*	1.0*	1.1*	1.1*	1.3*
White Hispanic ^e	11.5	12.4	10.7	0.6*	0.8*	0.3	-	-	-
White Non-Hispanic ^e	12.4	14.3	10.9	1.1*	0.8*	0.8*	-	-	-
Black	15.7	17.2	14.4	0.0	-0.4	-0.1	-0.1	-0.5*	0.2
Asian/Pacific Islander	9.9	10.8	9.3	0.7*	0.0	1.3*	-	-	-
Amer Ind/Alaska Nat ^f	9.9	11.1	8.9	-0.3	2.3*	0.8	-	-	-
Hispanic ^e	11.1	11.9	10.3	0.6*	0.8*	0.3	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	10.9	12.6	9.6	0.3*	0.3*	0.4*			
White	10.8	12.5	9.4	0.5*	0.4*	0.5*			
White Hispanic ^e	9.1	10.3	8.1	0.5*	0.4*	0.5*			
White Non-Hispanic ^e	11.0	12.7	9.5	0.5*	0.4*	0.4*			
Black	13.5	15.0	12.3	-0.4*	-0.6*	-0.4*			
Asian/Pacific Islander	7.8	8.4	7.3	0.5*	0.4	0.7*			
Amer Ind/Alaska Nat									
Total U.S.	6.3	7.0	5.7	0.3	1.1	-0.2			
CHSDA Counties	8.5	9.3	7.8	1.5*	-0.1	1.1			
Non-CHSDA Counties	3.8	4.5	3.2	-1.7*	-0.5	-2.5*			
Hispanic ^e	8.7	9.8	7.7	0.4*	0.3	0.4*			

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

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

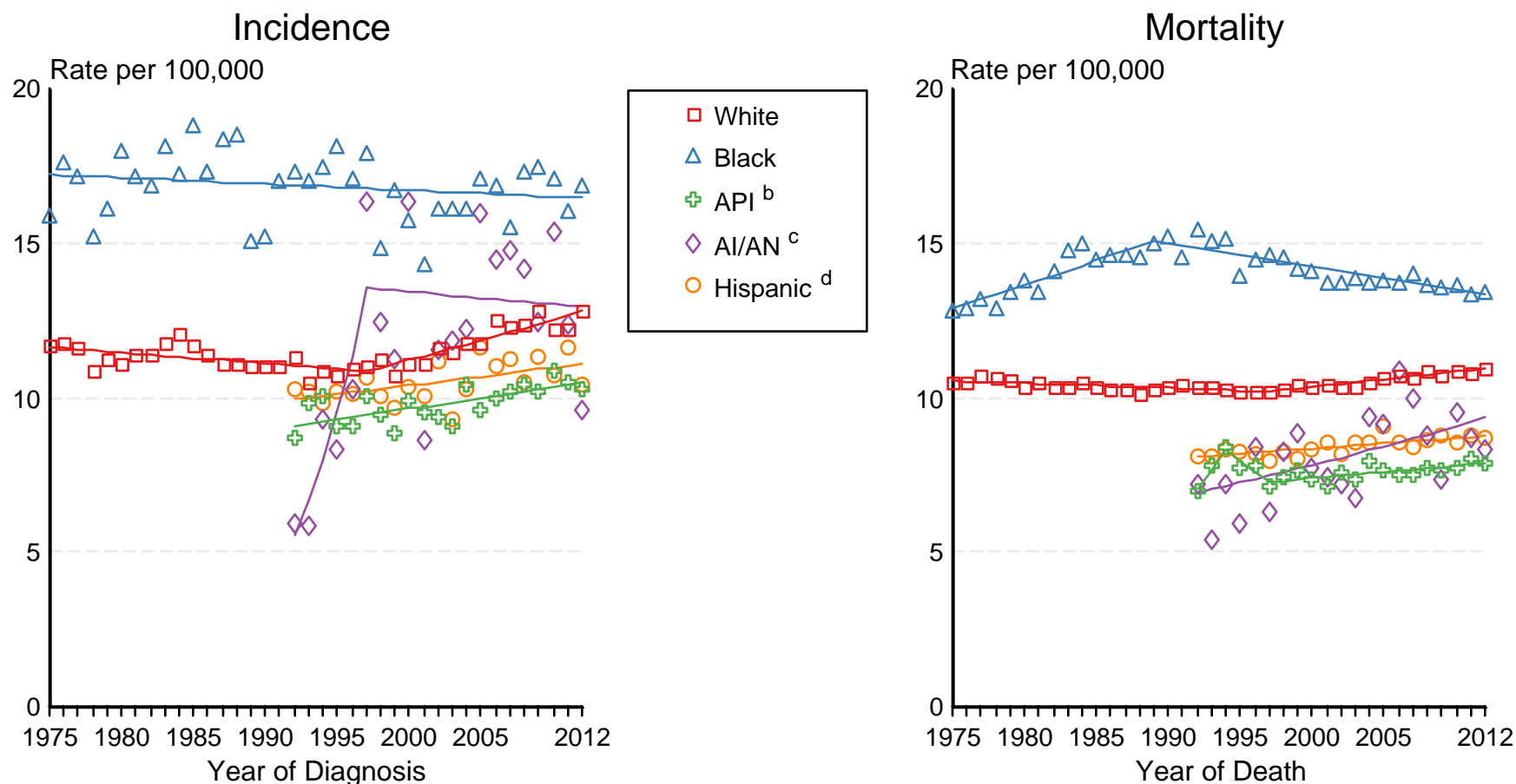
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 22.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012	Trend 2003-2012 ^c	Trend 2003-2012 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	137.9	-4.4*	-4.3*
White	130.4	-4.7*	-4.7*
White Hispanic ^e	113.1	-5.1*	-
White Non-Hispanic ^e	133.4	-4.7*	-
Black	214.5	-3.9*	-4.0*
Asian/Pacific Islander	74.0	-4.6*	-
Amer Ind/Alaska Nat ^f	67.1	-2.1*	-
Hispanic ^e	114.7	-4.7*	-
<u>U.S. Mortality^g</u>			
	Rate 2008-2012	Trend 2003-2012 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	21.4	-3.6*	
White	19.8	-3.4*	
White Hispanic ^e	18.4	-2.4*	
White Non-Hispanic ^e	19.9	-3.4*	
Black	46.3	-4.0*	
Asian/Pacific Islander	9.4	-3.4*	
Amer Ind/Alaska Nat			
Total U.S.	16.1	-2.6*	
CHSDA Counties	20.2	-1.7*	
Non-CHSDA Counties	11.3	-3.8*	
Hispanic ^e	17.8	-2.7*	

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

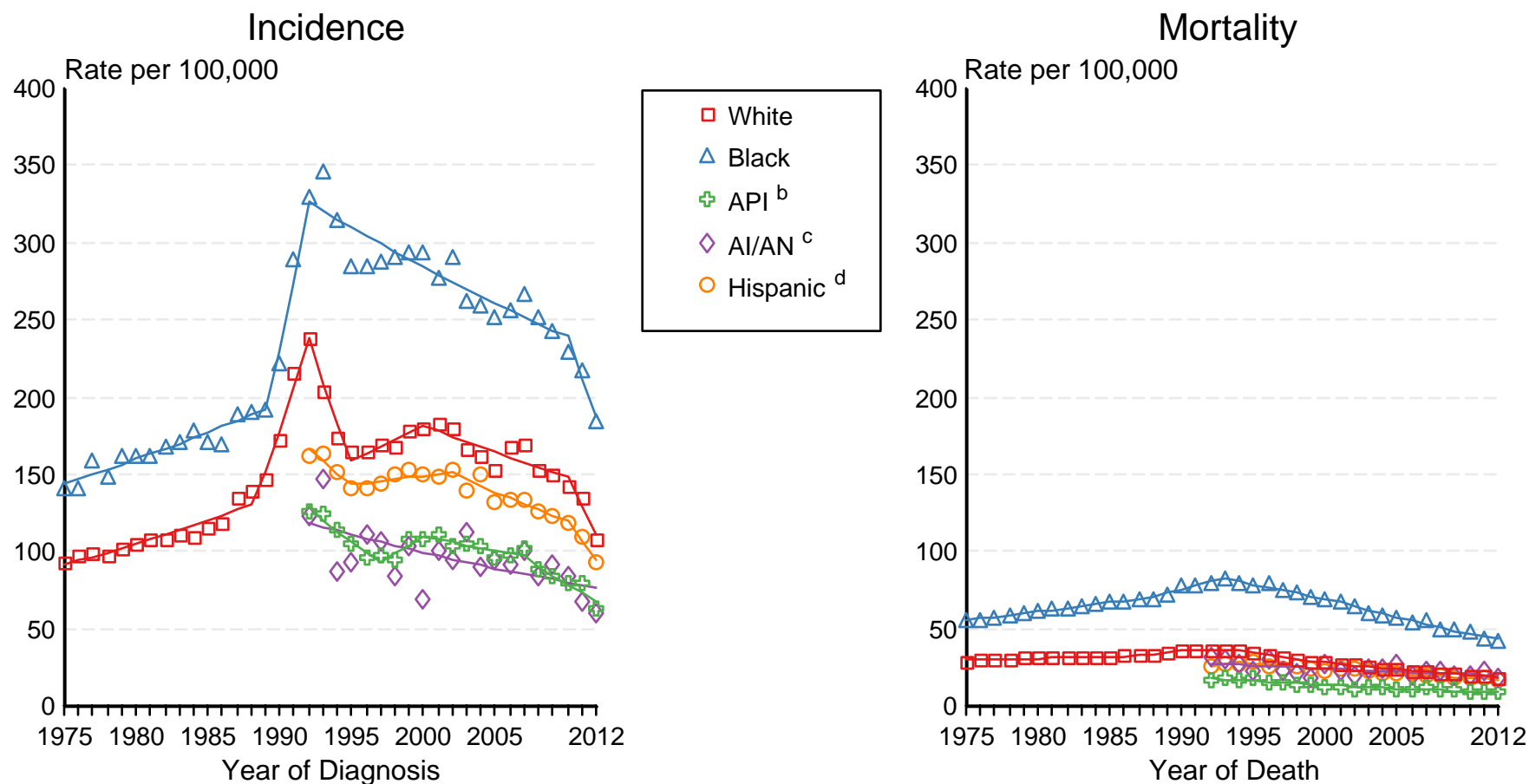
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 23.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 Rate 2008-2012			SEER 13 Areas ^b Trend 2003-2012 ^c			SEER 9 Areas ^b Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	7.4	10.1	5.3	-1.2*	-1.7*	-0.7*	-1.5*	-1.8*	-0.8*
White	6.6	9.2	4.5	-1.1*	-1.6*	-0.7*	-0.9*	-1.8*	-1.0*
White Hispanic ^e	11.3	14.8	8.7	-1.3*	-1.8*	-1.0*	-	-	-
White Non-Hispanic ^e	5.8	8.3	3.7	-1.5*	-1.9*	-1.3*	-	-	-
Black	10.9	14.6	8.4	-1.6*	-2.2*	-0.9*	-1.4*	-2.0*	-0.8*
Asian/Pacific Islander	11.2	14.5	8.8	-3.0*	-3.1*	-2.8*	-	-	-
Amer Ind/Alaska Nat ^f	9.5	12.3	7.5	-0.5	-0.7	0.1	-	-	-
Hispanic ^e	10.9	14.2	8.4	-1.4*	-1.8*	-1.0*	-	-	-
U.S. Mortality ^g									
	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	3.4	4.6	2.4	-2.7*	-3.1*	-2.6*			
White	2.9	4.0	2.1	-3.1*	-3.2*	-2.7*			
White Hispanic ^e	5.8	7.7	4.5	-2.1*	-2.4*	-1.9*			
White Non-Hispanic ^e	2.6	3.6	1.8	-3.3*	-3.6*	-3.2*			
Black	6.3	9.2	4.4	-3.3*	-3.2*	-3.0*			
Asian/Pacific Islander	6.0	7.9	4.7	-3.7*	-3.7*	-3.6*			
Amer Ind/Alaska Nat									
Total U.S.	3.5	4.9	2.4	-3.0*	-2.7*	-3.7*			
CHSDA Counties	5.2	7.4	3.6	-2.0*	-1.8*	-4.7*			
Non-CHSDA Counties	1.6	2.1	1.1	-4.5*	-3.4*	-6.3*			
Hispanic ^e	5.5	7.2	4.2	-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 4.2.0, April 2015, National Cancer Institute.

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

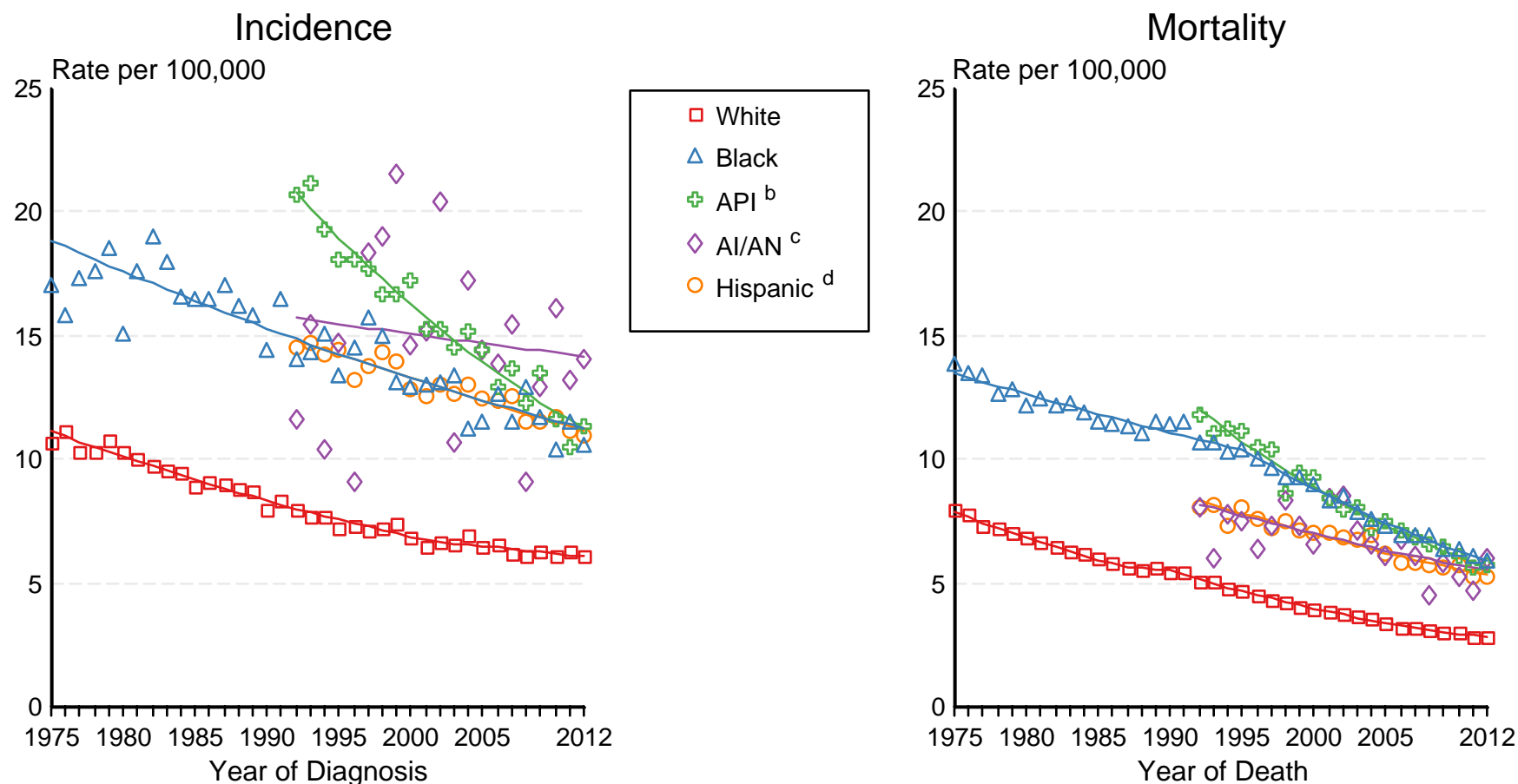
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 24.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012	Trend 2003-2012 ^c	Trend 2003-2012 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
RACE/ETHNICITY	Males	Males	Males
All Races	5.6	1.1*	0.8*
White	6.7	1.2*	1.0*
White Hispanic ^e	5.2	3.0*	-
White Non-Hispanic ^e	7.2	0.0	-
Black	1.5	0.5	2.0*
Asian/Pacific Islander	2.0	1.1*	-
Amer Ind/Alaska Nat ^f	4.8	3.0*	-
Hispanic ^e	4.9	2.7*	-
<u>U.S. Mortality^g</u>			
	Rate 2008-2012	Trend 2003-2012 ^h	
	Rate per 100,000 persons	AAPC (%)	
RACE/ETHNICITY	Males	Males	
All Races	0.3	-0.5*	
White	0.3	-0.3	
White Hispanic ^e	0.3	1.1	
White Non-Hispanic ^e	0.3	-0.7*	
Black	0.1	-0.6	
Asian/Pacific Islander	0.1	0.5	
Amer Ind/Alaska Nat			
Total U.S.	0.2	-	
CHSDA Counties	0.3	-	
Non-CHSDA Counties	-	-	
Hispanic ^e	0.3	1.0	

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

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

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

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

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

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

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

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

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

^e Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

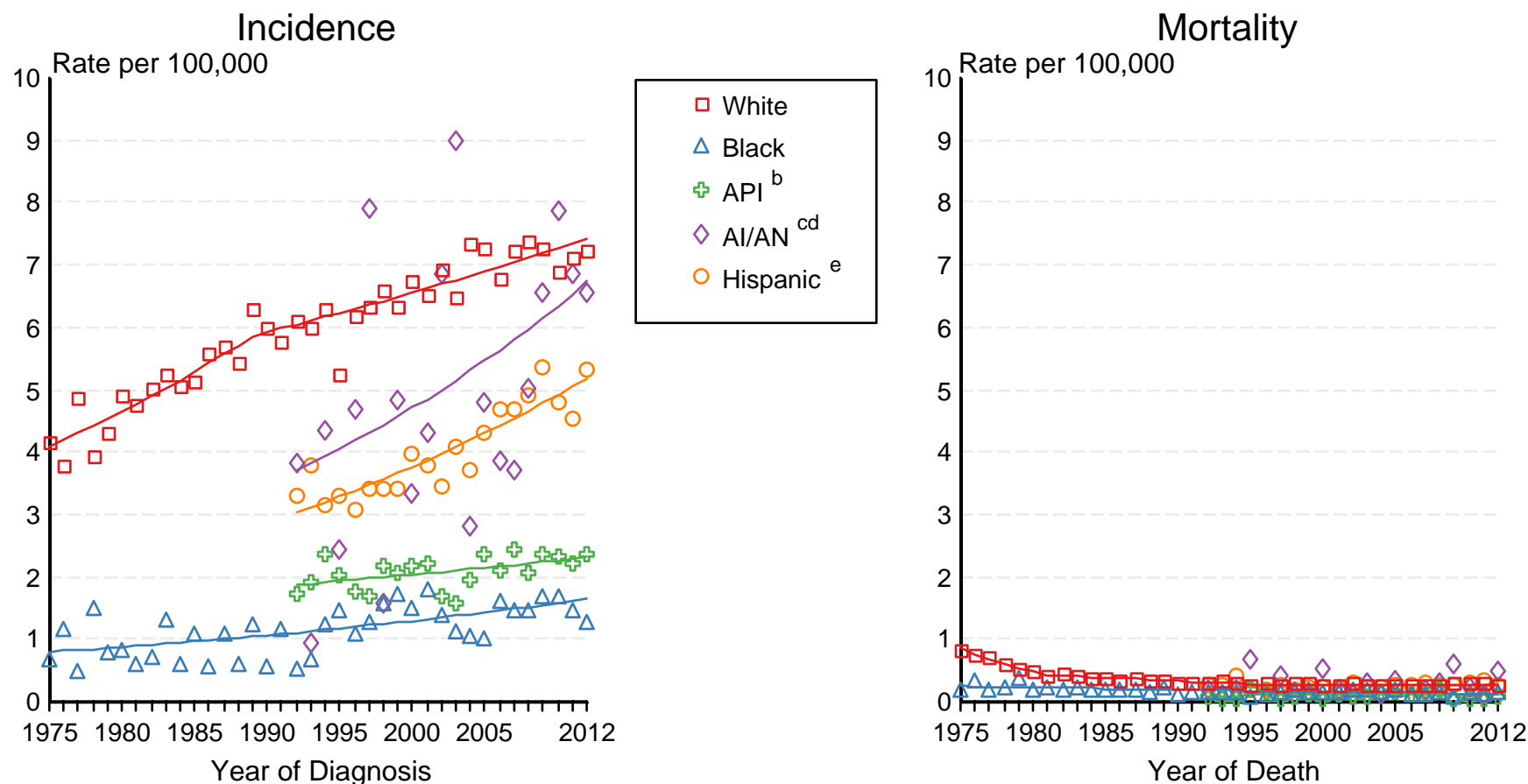
^h The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 25.3

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

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

^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.5	6.7	20.0	4.9*	5.2*	5.0*	5.0*	5.4*	5.0*
White	14.3	7.2	21.3	4.8*	5.3*	4.8*	4.9*	5.6*	4.9*
White Hispanic ^e	12.1	5.1	19.0	5.0*	4.9*	4.6*	-	-	-
White Non-Hispanic ^e	15.1	7.8	22.3	4.9*	5.7*	5.0*	-	-	-
Black	8.0	3.5	11.8	6.5*	5.2*	6.5*	6.2*	3.1*	6.3*
Asian/Pacific Islander	13.2	6.2	19.3	4.7*	6.2*	4.6*	-	-	-
Amer Ind/Alaska Nat ^f	8.5	3.7	12.9	3.9*	3.3	3.8*	-	-	-
Hispanic ^e	11.5	4.8	18.1	4.9*	4.9*	5.1*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.5	0.5	0.5	0.8*	1.5*	-0.5			
White	0.5	0.5	0.5	0.7*	1.5*	-0.5			
White Hispanic ^e	0.6	0.5	0.7	0.2	1.3	-0.4			
White Non-Hispanic ^e	0.5	0.5	0.5	0.7*	1.5*	-0.7			
Black	0.5	0.4	0.6	0.9*	1.5*	0.7			
Asian/Pacific Islander	0.7	0.5	0.8	-0.2	0.5	-0.9			
Amer Ind/Alaska Nat									
Total U.S.	0.3	-	0.3	0.5	-	-2.0			
CHSDA Counties	0.4	-	0.5	0.6	-	-1.2			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.7	0.0	-2.2	-0.6			

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

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

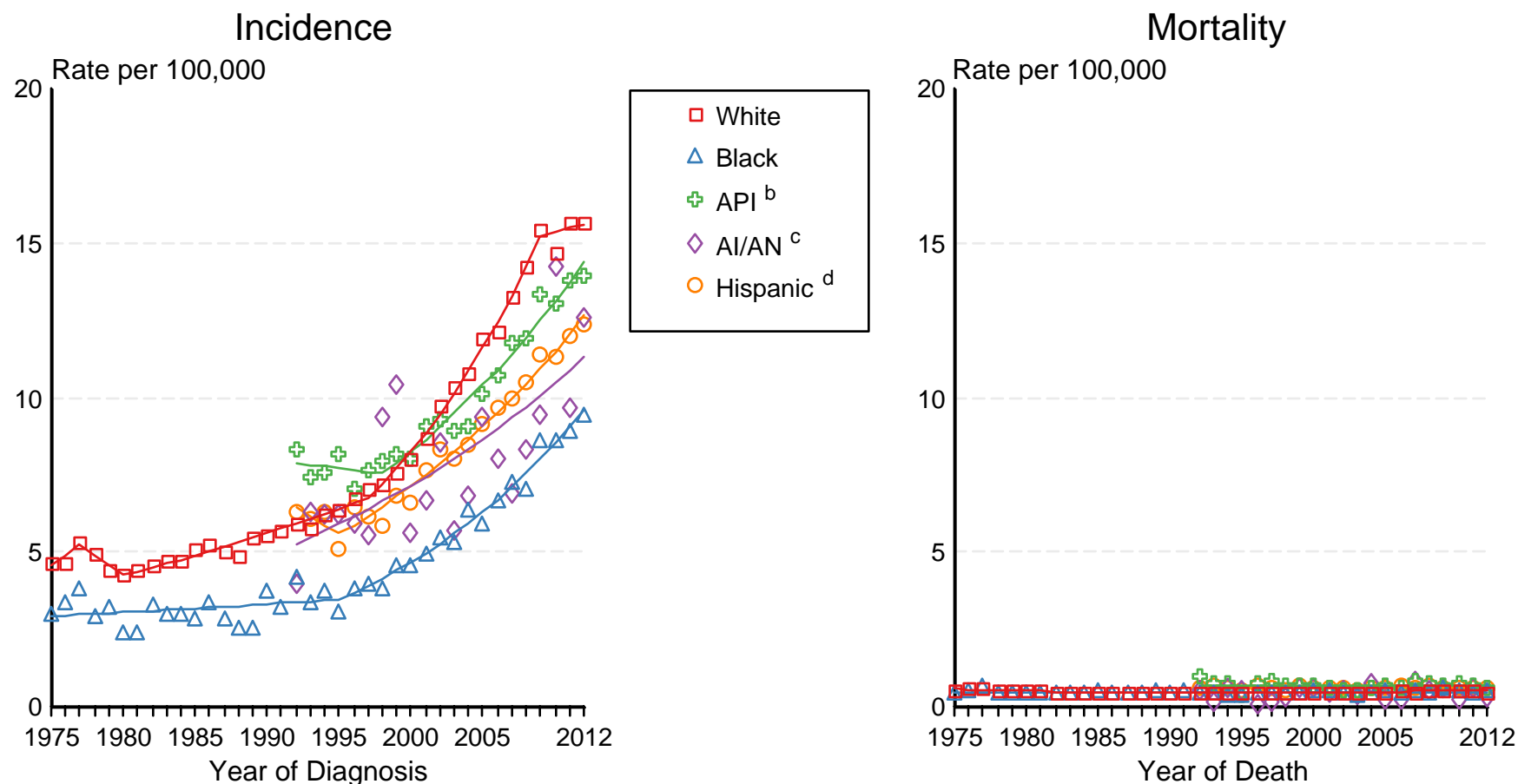
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 26.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012
and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

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

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	20.3	35.8	8.7	-0.8*	-0.9*	-1.1*	-0.6*	-0.7*	-1.0*
White	22.2	39.0	9.4	-0.6*	-0.8*	-1.0*	-0.5*	-0.7*	-1.0*
White Hispanic ^e	11.5	20.2	5.2	-0.2	-0.2	-0.4	-	-	-
White Non-Hispanic ^e	23.8	41.7	10.1	-0.5*	-0.6*	-0.9*	-	-	-
Black	12.6	21.4	6.9	0.2	0.5*	-2.7*	0.2*	0.4*	-2.7
Asian/Pacific Islander	9.0	15.8	4.0	-1.3*	-1.4	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.5	15.6	3.4	1.5	1.7	4.2	-	-	-
Hispanic ^e	11.2	19.6	5.1	-0.2	-0.2	-0.4	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	4.4	7.7	2.2	0.0	0.0	-0.5*			
White	4.6	8.1	2.2	0.3*	0.2*	-0.3*			
White Hispanic ^e	2.4	4.1	1.3	0.0	-0.3	0.1			
White Non-Hispanic ^e	4.8	8.4	2.3	0.3*	0.3*	-0.2*			
Black	3.5	5.3	2.5	-1.0*	-0.8*	-1.2*			
Asian/Pacific Islander	1.7	3.0	0.9	-0.7	0.1	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	2.0	3.3	1.1	1.4	2.0*	-0.4			
CHSDA Counties	2.3	4.2	1.1	2.5*	4.2*	-			
Non-CHSDA Counties	1.6	2.2	1.1	-0.4	-0.8	-			
Hispanic ^e	2.3	3.9	1.3	-0.2	-0.4	0.0			

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

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

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

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

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

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

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

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

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

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2003-2012 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

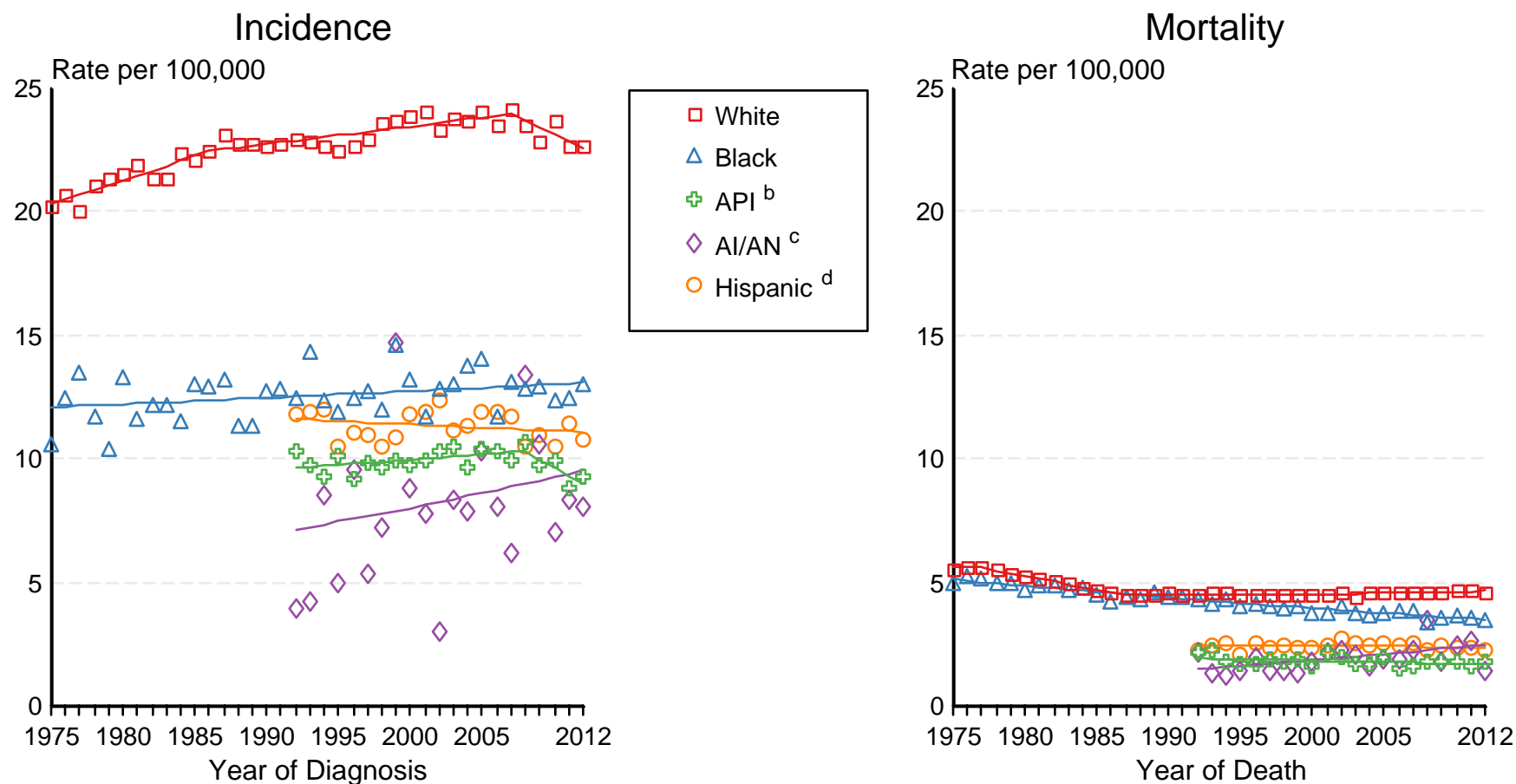
The 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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

Figure 27.2

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

Joinpoint Analyses for Whites and Blacks from 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.1.0, April 2014, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

^b API = Asian/Pacific Islander.

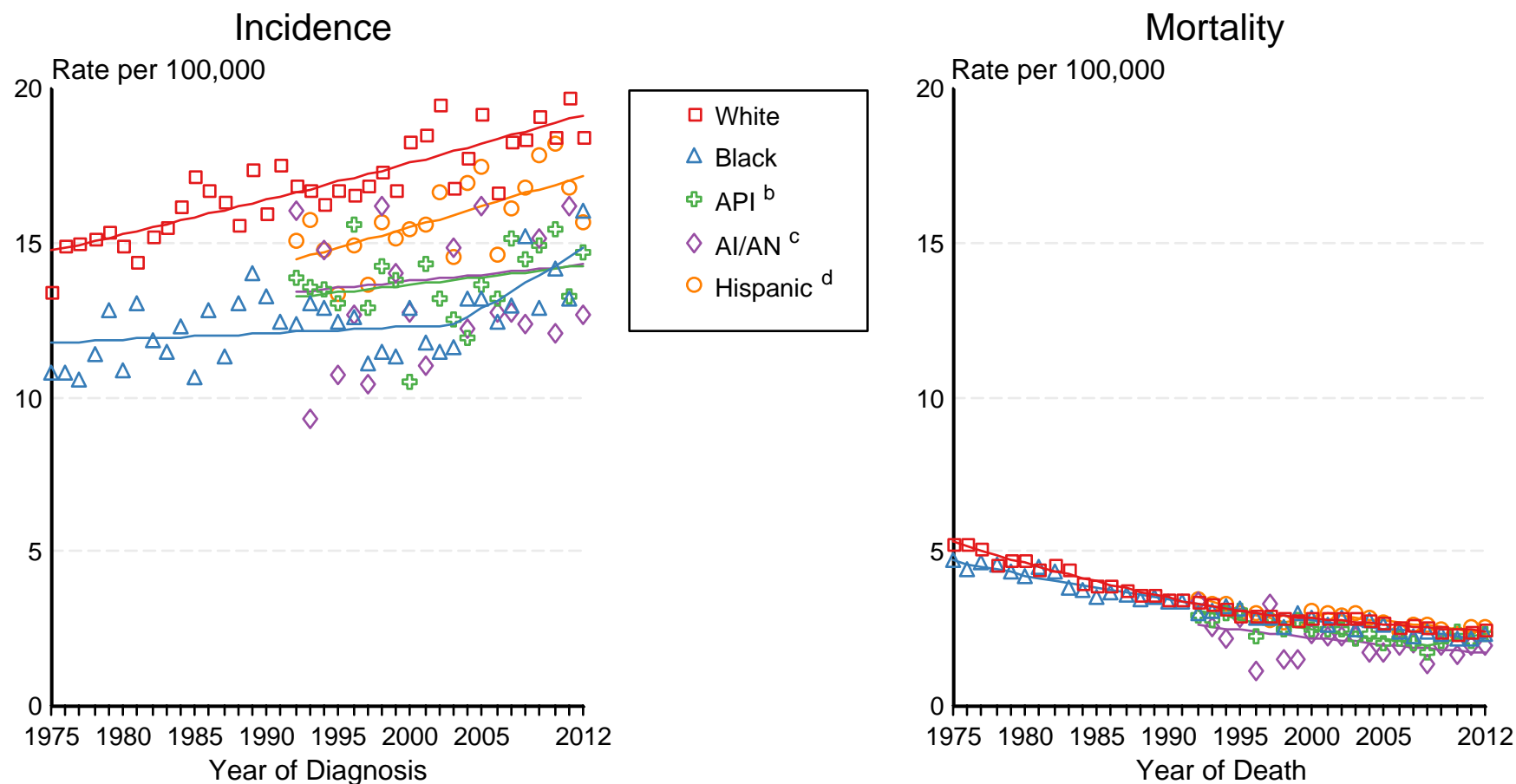
^c AI/AN = American Indian/Alaska Native. Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

^d Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. Mortality data for Hispanics exclude cases from 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 1975-2012 and for Asian/Pacific Islanders, American Indians/Alaska Natives and Hispanics from 1992-2012



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 4.2.0, April 2015, National Cancer Institute. Joinpoint analyses for Whites and Blacks during the 1975-2012 period allow a maximum of 5 joinpoints. Analyses for other ethnic groups during the period 1992-2012 allow a maximum of 3 joinpoints.

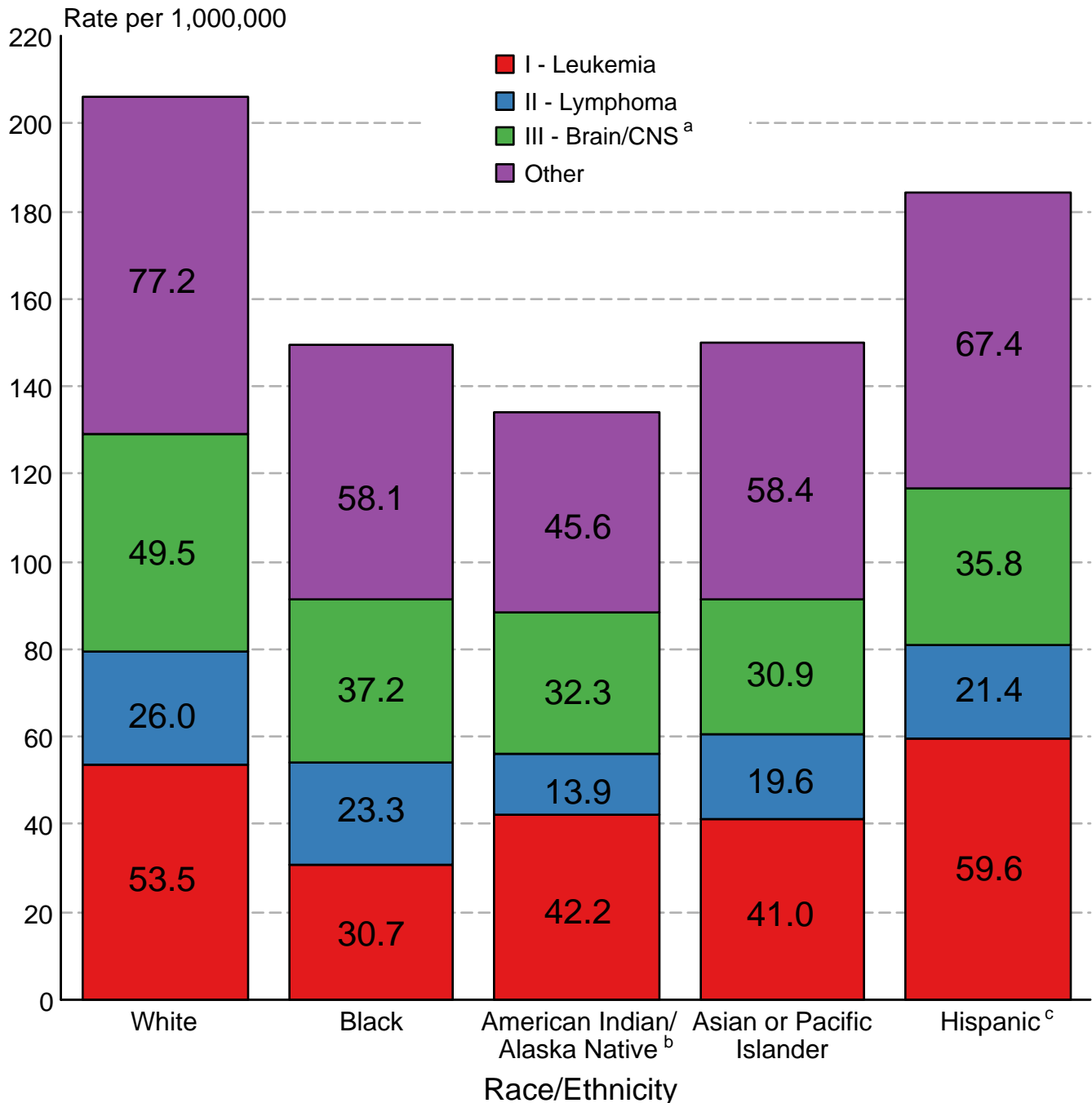
^b API = Asian/Pacific Islander.

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

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

Figure 29.2

Childhood Cancer: SEER Incidence Rates 2008- 2012 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.

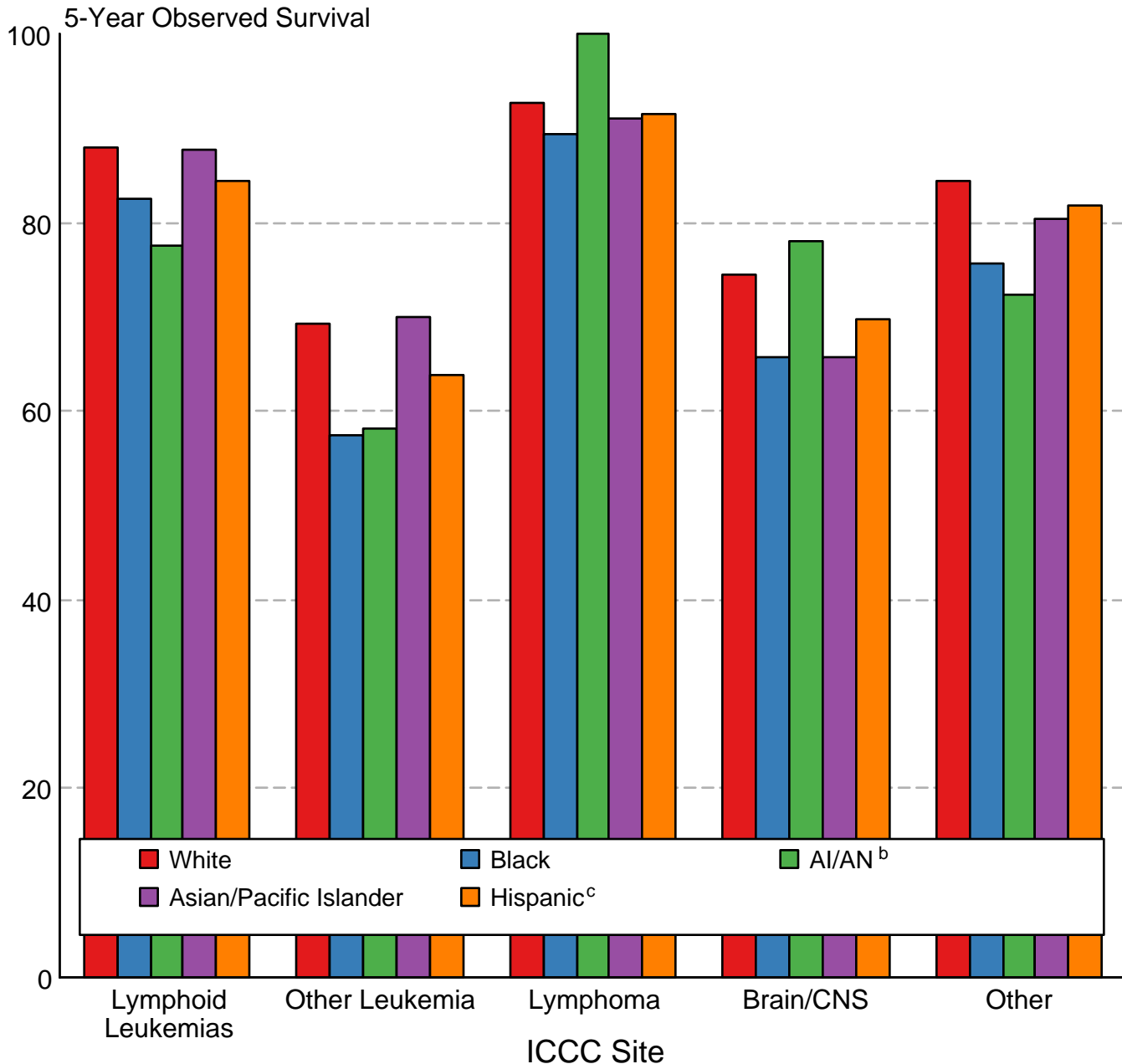
^a Rate for Group III (Brain/CNS) includes benign brain tumors.

^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, 2005-2011



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.