

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

	All Races		White		Black	
	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008
All Sites	464.4	-0.7*	471.8	-0.7*	491.2	-1.0*
Prostate ^f	69.7	-1.6*	68.2	-1.8*	97.4	-2.5*
Breast	67.0	-1.4*	67.4	-1.7*	72.7	-1.8*
Lung and Bronchus	62.0	-1.3*	63.3	-1.2*	68.8	0.1
Colon and Rectum	47.2	-2.4*	46.5	-2.6*	57.8	-1.8*
Urinary Bladder	21.1	-0.4*	24.3	2.3*	16.5	2.9*
Melanoma of the Skin	20.8	1.9*	22.9	-0.4	15.9	0.9
Non-Hodgkin Lymphoma	19.8	0.2	20.7	0.2	14.8	0.6
Kidney and Renal Pelvis	14.6	3.0*	15.1	2.8*	13.1	-0.3
Corpus and Uterus, NOS ^f	12.8	-0.1	13.2	-0.4	12.0	2.2*
Leukemia	12.5	-0.4	13.1	-0.4	11.9	-1.6*
Pancreas	12.0	1.1*	11.9	1.1*	11.9	0.4
Thyroid	11.0	6.2*	11.5	6.4*	9.9	-2.8*
Oral Cavity and Pharynx	10.6	-0.4	10.8	-0.1	9.8	-1.1
Stomach	7.7	-1.6*	7.2	-1.8*	9.2	3.6*
Liver & IBD ^g	7.3	3.0*	7.1	-0.5	6.5	6.1*
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008
All Sites	315.9	-0.4*	319.9	-0.6	356.1	-0.8*
Breast	51.2	0.5	44.5	0.4	56.8	-2.2*
Colon and Rectum	39.4	-1.9*	42.3	0.1	49.0	-0.7*
Lung and Bronchus	39.0	-0.9*	41.4	-2.3	38.3	-1.0*
Prostate ^f	38.4	-2.0*	33.0	-1.9	32.5	-1.5*
Liver & IBD ^g	14.6	0.5	17.6	3.3*	17.2	0.3
Non-Hodgkin Lymphoma	13.3	-0.5	12.2	3.4	14.5	2.9*
Stomach	13.0	-3.1*	11.5	-1.4	11.6	-1.0
Thyroid	10.9	5.0*	10.6	1.6	11.5	-1.8*
Corpus and Uterus, NOS ^f	9.9	1.8*	10.6	-5.0	11.1	2.0*
Pancreas	9.5	1.2*	9.0	0.8	10.9	0.7
Urinary Bladder	9.3	0.4	8.3	-	10.0	1.4*
Oral Cavity and Pharynx	7.9	-0.5	7.6	1.5	9.8	0.4
Kidney and Renal Pelvis	7.7	4.9*	7.0	-4.0	9.4	5.0*
Leukemia	7.3	-0.6	6.3	0.8	6.3	-0.9
Ovary ^{fh}	5.4	-0.3	5.8	-4.0	6.2	-0.7

- ^a Top 15 cancer sites selected based on 2004-2008 age-adjusted rates for the race/ethnic group.
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).
Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia).
Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.
Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- ^f The rates for sex-specific cancer sites are calculated using the population for both sexes combined.
- ^g IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- ^h Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.
- * The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

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

			Males					
All Races			White			Black		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2004-2008	1999-2008		2004-2008	1999-2008		2004-2008	1999-2008
All Sites	541.0	-1.0*	All Sites	543.6	-1.0*	All Sites	626.1	-1.8*
Prostate	156.0	-2.0*	Prostate	149.5	-2.2*	Prostate	233.8	-2.7*
Lung and Bronchus	75.2	-2.1*	Lung and Bronchus	75.3	-2.1*	Lung and Bronchus	99.8	-2.8*
Colon and Rectum	55.0	-2.7*	Colon and Rectum	54.4	-2.9*	Colon and Rectum	67.7	-1.8*
Urinary Bladder	37.5	-0.4	Urinary Bladder	40.6	-0.4	Kidney and Renal Pelvis	23.3	3.0*
Melanoma of the Skin	26.7	2.0*	Melanoma of the Skin	30.9	2.3*	Urinary Bladder	21.6	0.4
Non-Hodgkin Lymphoma	24.0	0.1	Non-Hodgkin Lymphoma	25.0	0.2	Non-Hodgkin Lymphoma	17.9	0.0
Kidney and Renal Pelvis	20.0	2.8*	Kidney and Renal Pelvis	20.5	2.5*	Stomach	17.2	-0.7
Leukemia	16.1	-0.8*	Leukemia	16.8	-0.8	Pancreas	17.1	0.5
Oral Cavity and Pharynx	15.7	-0.4	Oral Cavity and Pharynx	16.1	-0.1	Oral Cavity and Pharynx	15.6	-3.3*
Pancreas	13.6	1.1*	Pancreas	13.5	1.1*	Liver & IBD ^f	15.1	3.8*
Liver & IBD ^f	11.2	3.2*	Liver & IBD ^f	9.6	3.7*	Myeloma	14.5	0.5
Stomach	10.8	-1.8*	Stomach	9.5	-1.9*	Leukemia	12.9	-0.5
Esophagus	7.8	-0.8	Brain and ONS ^f	8.4	-0.6	Larynx	9.8	-3.9*
Brain and ONS ^f	7.7	-0.6*	Esophagus	8.1	-0.4	Esophagus	8.6	-4.1*
Myeloma	7.2	-0.2	Myeloma	6.8	-0.2	Brain and ONS ^f	4.6	-1.3
Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2004-2008	1999-2008		2004-2008	1999-2008		2004-2008	1999-2008
All Sites	347.7	-1.1*	All Sites	338.0	-1.3	All Sites	407.3	-1.5*
Prostate	88.3	-2.0*	Prostate	75.3	-1.7	Prostate	129.0	-2.8*
Lung and Bronchus	53.2	-1.3*	Lung and Bronchus	51.2	0.0	Colon and Rectum	46.0	-1.5*
Colon and Rectum	45.4	-2.2*	Colon and Rectum	42.7	-3.7	Lung and Bronchus	41.5	-2.2*
Liver & IBD ^f	22.1	0.6	Kidney and Renal Pelvis	22.1	3.1	Urinary Bladder	20.0	-1.8*
Stomach	17.2	-3.1*	Liver & IBD ^f	17.4	2.5	Non-Hodgkin Lymphoma	19.5	0.2
Non-Hodgkin Lymphoma	16.3	-0.4	Stomach	14.7	-3.9	Kidney and Renal Pelvis	19.2	2.8*
Urinary Bladder	16.3	0.4	Urinary Bladder	14.0	-	Liver & IBD ^f	16.5	2.2*
Oral Cavity and Pharynx	10.9	0.1	Non-Hodgkin Lymphoma	13.0	-	Stomach	14.9	-1.9
Kidney and Renal Pelvis	10.6	5.0*	Pancreas	11.4	-	Leukemia	11.7	-0.5
Pancreas	10.6	2.1*	Leukemia	9.1	-	Pancreas	11.4	1.3
Leukemia	8.9	-1.8*	Oral Cavity and Pharynx	9.1	-	Oral Cavity and Pharynx	9.0	-0.9
Thyroid	4.9	3.1*	Esophagus	5.9	-	Myeloma	6.4	-1.2
Esophagus	4.2	-1.4	Myeloma	4.9	-	Brain and ONS ^f	6.0	-1.2
Myeloma	4.1	-0.3	Melanoma of the Skin	3.9	-	Esophagus	5.2	-4.5*
Brain and ONS ^f	4.0	-0.2	Brain and ONS ^f	3.8	-	Melanoma of the Skin	4.8	0.6

- ^a Top 15 cancer sites selected based on 2004-2008 age-adjusted rates for the race/ethnic group.
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
- ^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.
- * The APC is significantly different from zero (p<.05).
- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

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

Females

	All Races		White		Black	
	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008
All Sites	411.6	-0.4*	423.0	-0.5*	400.9	-0.2
Breast	124.0	-1.2*	127.3	-1.6*	119.9	0.1
Lung and Bronchus	52.3	-0.4	54.6	-0.4	54.7	-0.6
Colon and Rectum	41.0	-2.1*	40.2	-2.2*	51.2	-1.9*
Corpus and Uterus, NOS	23.9	0.2	24.8	-0.1	20.9	2.3*
Melanoma of the Skin	16.7	1.8*	19.7	2.2*	14.8	1.4
Non-Hodgkin Lymphoma	16.5	0.2	17.3	0.2	12.3	1.1
Thyroid	16.3	6.6*	17.2	6.8*	11.6	2.7*
Ovary ^g	12.8	-1.5*	13.5	-1.7*	10.2	0.5
Pancreas	10.7	1.2*	10.5	3.1*	10.0	-0.2
Kidney and Renal Pelvis	10.2	3.1*	10.5	1.2*	10.0	-4.1*
Leukemia	9.7	0.0	10.2	-0.2	9.3	6.3*
Urinary Bladder	9.2	-0.9*	9.8	-0.9*	8.5	-2.3*
Cervix Uteri	8.1	-2.6*	8.0	-2.5*	7.8	-1.6
Oral Cavity and Pharynx	6.2	-0.6	6.2	-0.5	7.6	-1.4
Stomach	5.4	-1.5*	5.9	-0.4	5.6	-1.4
	Asian/Pacific Islander		American Indian/Alaska Native ^d		Hispanic ^e	
	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008	Rate ^b 2004-2008	APC ^c 1999-2008
All Sites	297.0	0.2	309.0	0.1	324.4	-0.1
Breast	93.7	0.5	77.9	0.0	92.1	-0.3
Colon and Rectum	34.6	-1.6*	40.0	-1.1	32.3	-0.7
Lung and Bronchus	28.5	-0.1	39.5	1.0	26.1	-0.7
Corpus and Uterus, NOS	18.2	1.8*	16.7	1.0	18.9	1.8*
Thyroid	16.4	5.5*	13.9	4.0	15.3	0.5
Non-Hodgkin Lymphoma	10.9	-0.5	10.6	-4.2	15.0	5.7*
Stomach	9.9	-3.0*	10.3	-	12.2	-4.6*
Ovary ^g	9.9	-0.4	10.0	-	11.6	-0.6
Pancreas	8.6	0.2	9.4	0.5	10.7	3.0*
Liver & IBD ^f	8.4	0.3	7.8	-	10.4	0.2
Cervix Uteri	7.3	-3.0*	7.8	0.4	9.0	-1.8*
Leukemia	6.1	0.9	7.4	-	8.4	1.3
Kidney and Renal Pelvis	5.4	4.7*	6.5	-	6.4	0.7
Oral Cavity and Pharynx	5.3	-1.4	5.1	-	5.4	0.1
Urinary Bladder	4.0	0.8	4.3	-	4.8	-0.9

- ^a Top 15 cancer sites selected based on 2004-2008 age-adjusted rates for the race/ethnic group.
- ^b Incidence data used in calculating the rates are from the 17 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^c The APC is the Annual Percent Change over the time interval. Incidence data used in calculating the trends are from the 13 SEER areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
- ^d Rates for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- ^e Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.
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- * 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.

SEER Incidence 1999-2008 Males by Race/Ethnicity

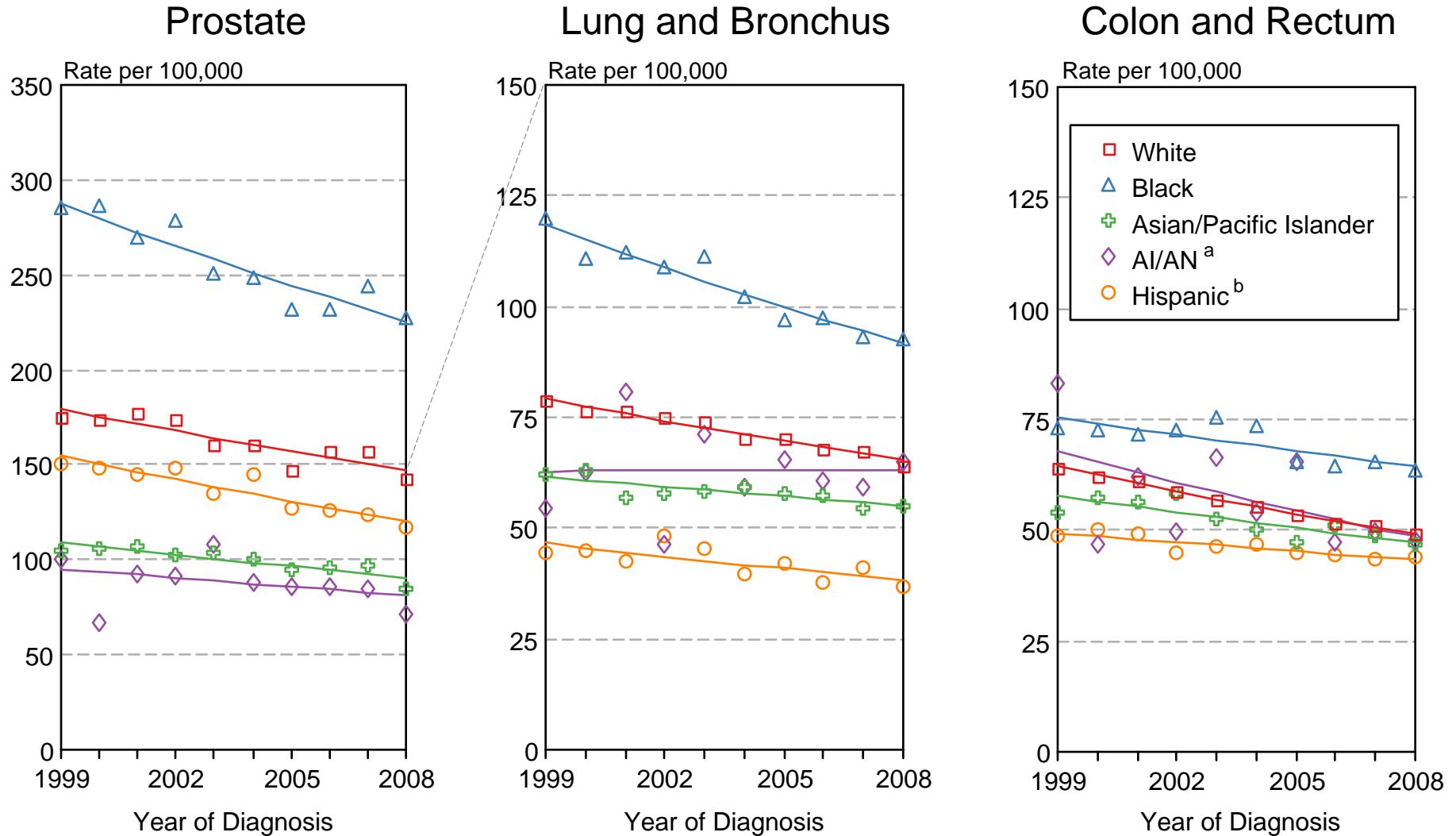


Figure 1.13

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.5, April 2011, National Cancer Institute.

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

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

SEER Incidence 1999-2008 Females by Race/Ethnicity

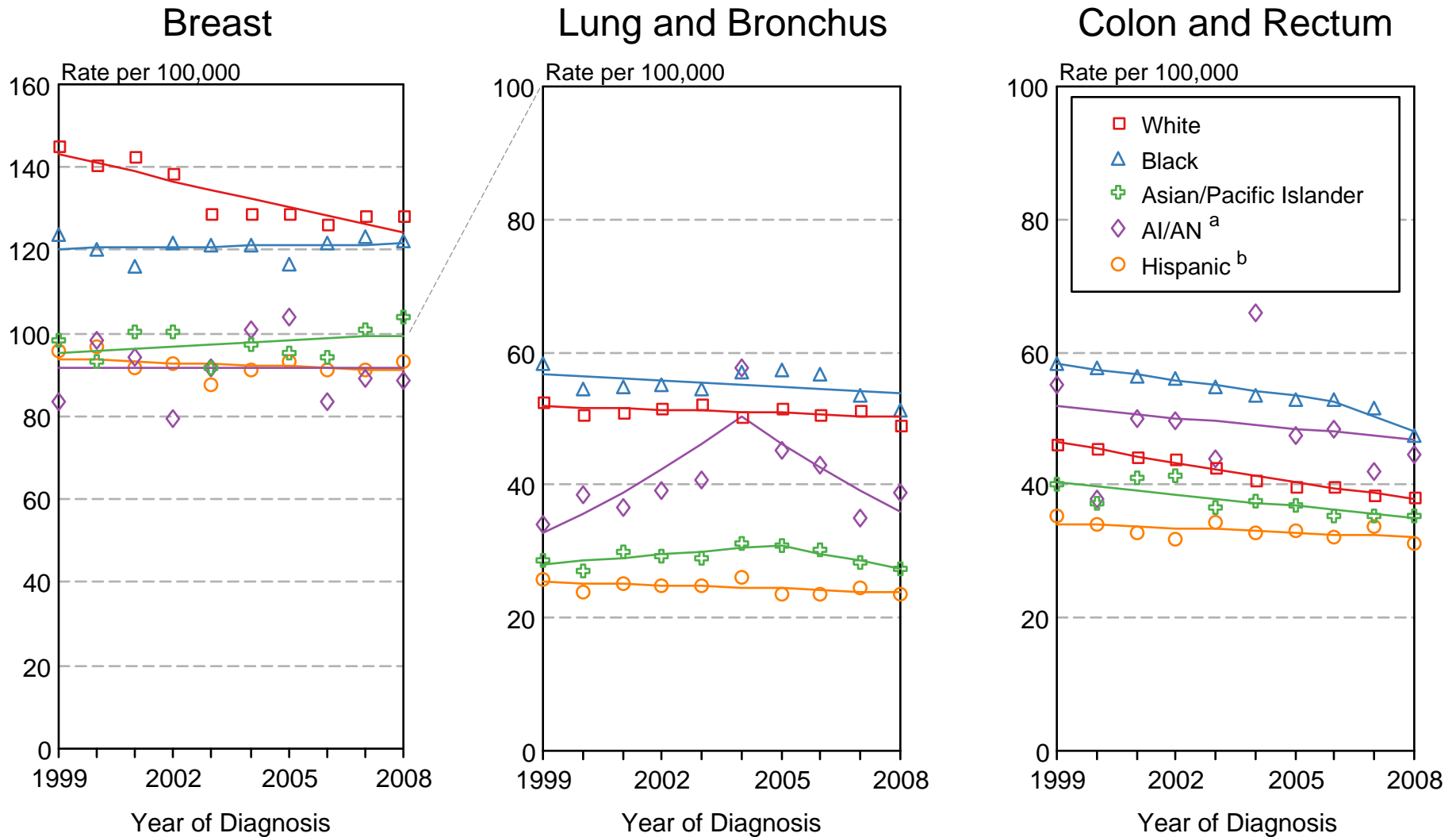


Figure 1.14

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103).

Regression lines are calculated using the Joinpoint Regression Program Version 3.5, April 2011, 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.