

Table I-23  
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES<sup>a</sup> BY RACE/ETHNICITY

## Both Sexes

	All Races		White		Black	
	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005
All Sites	467.4	-0.8*	475.3	-0.7*	500.6	-1.1*
Prostate <sup>f</sup>	72.0	-0.6	70.4	-1.6*	102.9	-1.9*
Breast	68.5	-1.5*	69.8	-0.5	76.0	-1.7*
Lung and Bronchus	63.9	-1.4*	65.1	-1.3*	67.4	-0.8*
Colon and Rectum	50.6	-2.0*	50.1	-2.2*	61.2	-0.9
Urinary Bladder	21.2	0.0	23.0	0.1	15.2	-0.7
Non-Hodgkin Lymphoma	19.5	0.2	22.6	2.2*	14.9	0.4
Melanoma of the Skin	19.4	1.6*	20.3	0.3	14.8	1.9*
Kidney and Renal Pelvis	13.2	2.2*	13.7	2.3*	12.8	0.6
Corpus and Uterus, NOS <sup>f</sup>	12.6	-1.0*	13.1	-1.2*	12.4	-3.4*
Leukemia	12.3	-0.8*	12.9	-0.8*	11.7	1.5
Pancreas	11.5	0.3	11.4	0.5*	11.6	-0.5
Oral Cavity and Pharynx	10.4	-1.6*	10.6	-1.3*	10.8	-3.0*
Thyroid	9.1	5.8*	9.5	6.1*	10.1	-0.4
Stomach	8.0	-1.7*	7.6	-1.6*	8.0	3.9*
Ovary <sup>fh</sup>	7.3	-1.4*	7.1	-0.3	6.0	-4.9*
	Asian/Pacific Islander		American Indian/Alaska Native <sup>d</sup>		Hispanic <sup>e</sup>	
	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005
All Sites	313.5	-0.7*	312.7	-0.4	357.6	-0.7*
Breast	49.0	-0.4	46.0	0.8	60.0	-0.7
Colon and Rectum	40.9	-1.6*	43.5	-0.4	48.4	-0.8*
Prostate <sup>f</sup>	40.5	-0.3	40.5	0.0	39.2	-1.2*
Lung and Bronchus	39.1	-0.7*	32.3	-2.6	33.3	-2.0*
Liver & IBD <sup>g</sup>	14.3	0.0	15.8	0.9	16.7	-0.3
Stomach	13.9	-2.9*	11.6	-1.3	13.0	2.8*
Non-Hodgkin Lymphoma	13.2	0.1	11.0	1.5	12.1	-1.8*
Urinary Bladder	9.3	0.4	9.9	4.6	11.7	0.2
Pancreas	9.0	0.0	9.3	-0.4	10.6	-0.1
Corpus and Uterus, NOS <sup>f</sup>	9.0	0.8	8.2	-1.2	10.0	1.2
Thyroid	8.9	3.4*	7.5	-0.3	9.6	-0.8
Oral Cavity and Pharynx	7.8	-2.1*	7.1	-	9.6	0.9
Leukemia	7.3	-1.3	7.1	-2.8	8.0	4.5*
Kidney and Renal Pelvis	6.6	1.8*	6.2	-3.6	6.8	-3.8*
Ovary <sup>fh</sup>	5.3	-0.1	5.9	2.2	6.4	-0.5

- 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.

<sup>a</sup> Top 15 cancer sites selected based on 2001-2005 age-adjusted rates for the race/ethnic group.

<sup>b</sup> 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).

<sup>c</sup> 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).

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

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

<sup>f</sup> Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.

<sup>g</sup> The rates for sex-specific cancer sites are calculated using the population for both sexes combined.

<sup>h</sup> IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

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

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

Table I-24  
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES<sup>a</sup> BY RACE/ETHNICITY

	Males					
	All Races		White		Black	
	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005
All Sites	549.3	-1.0*	551.4	-0.9*	651.5	-1.9*
Prostate	163.0	-1.1	156.7	-1.1	248.5	-2.2*
Lung and Bronchus	79.4	-2.2*	79.3	-2.1*	107.6	-3.2*
Colon and Rectum	59.2	-2.4*	58.9	-2.6*	71.2	-0.8
Urinary Bladder	37.3	-0.1	40.6	-0.1	21.3	2.8*
Melanoma of the Skin	24.6	1.7*	28.5	2.2*	20.4	0.5
Non-Hodgkin Lymphoma	23.5	-0.1	24.3	0.0	18.4	-0.1
Kidney and Renal Pelvis	18.3	1.9*	18.8	2.0*	17.4	-3.6*
Leukemia	16.0	-1.1*	16.7	-1.0*	17.2	-3.9*
Oral Cavity and Pharynx	15.5	-1.7*	15.7	-1.3*	16.2	-1.3
Pancreas	13.0	0.2	13.0	0.3	14.4	0.2
Stomach	11.3	-2.2*	10.0	-2.3*	13.2	4.3*
Liver & IBD <sup>f</sup>	9.9	2.2*	8.4	-0.6	13.0	-1.2
Esophagus	7.8	-0.1	8.2	2.2*	10.9	-3.4*
Brain and ONS <sup>f</sup>	7.6	-0.8*	8.0	0.9	9.9	-5.3*
Myeloma	7.0	-0.6	6.6	-0.7	4.7	-0.4
	Asian/Pacific Islander		American Indian/Alaska Native <sup>d</sup>		Hispanic <sup>e</sup>	
	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005
All Sites	354.0	-0.9*	336.6	-1.3	419.4	-1.1*
Prostate	93.8	-0.2	73.3	-2.8	138.0	-1.2
Lung and Bronchus	53.9	-1.2*	54.3	-2.2	47.3	-1.8*
Colon and Rectum	48.0	-2.2*	46.0	-0.7	44.2	-2.3*
Liver & IBD <sup>f</sup>	21.7	-0.2	19.5	-0.7	20.2	0.1
Stomach	18.6	-2.7*	16.8	-	19.2	-0.6
Urinary Bladder	16.3	0.9	14.4	-	17.4	3.2*
Non-Hodgkin Lymphoma	16.0	-0.1	13.3	-	15.5	-2.9*
Oral Cavity and Pharynx	10.5	-2.8*	12.4	-	15.0	1.4
Pancreas	10.1	0.2	10.9	-	11.7	-0.9
Leukemia	9.1	-1.8	9.7	-	10.9	-0.2
Kidney and Renal Pelvis	9.1	1.1	7.9	-	9.4	-2.1*
Thyroid	4.1	1.7	7.1	-	6.8	-0.6
Esophagus	4.0	-3.2*	4.6	-	6.2	2.4
Brain and ONS <sup>f</sup>	4.0	-1.2	4.2	-	5.5	-1.0
Myeloma	3.8	-2.4*	4.0	-	5.1	-3.3*

- 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.

<sup>a</sup> Top 15 cancer sites selected based on 2001-2005 age-adjusted rates for the race/ethnic group.

<sup>b</sup> 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).

<sup>c</sup> 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).

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

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

<sup>f</sup> Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.

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

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

Table I-25  
AGE-ADJUSTED SEER INCIDENCE RATES AND TRENDS FOR THE TOP 15 CANCER SITES<sup>a</sup> BY RACE/ETHNICITY

	Females					
	All Races		White		Black	
	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005
All Sites	411.0	-0.7*	423.6	-0.6*	398.9	-0.4*
Breast	126.1	-1.4*	130.6	-1.4*	117.5	-0.7*
Lung and Bronchus	52.6	-0.5*	54.9	-0.6*	54.6	0.4
Colon and Rectum	43.8	-1.7*	43.2	-1.9*	54.5	-0.9*
Corpus and Uterus, NOS	23.4	-0.7*	24.3	-0.9*	20.3	1.6*
Non-Hodgkin Lymphoma	16.3	0.7	18.5	2.3*	14.3	-0.2
Melanoma of the Skin	15.6	1.6*	17.1	0.8*	12.1	1.0
Thyroid	13.4	6.1*	14.1	6.4*	10.8	-4.8*
Ovary <sup>g</sup>	13.3	-1.2*	14.1	-1.4*	10.1	0.5
Pancreas	10.3	0.4	10.0	0.6	10.1	0.4
Leukemia	9.5	-0.8	10.0	-0.2	9.8	-1.2
Urinary Bladder	9.4	-0.3	9.9	-0.9	8.9	-3.1*
Kidney and Renal Pelvis	9.2	2.3*	9.5	2.5*	8.0	0.1
Cervix Uteri	8.4	-3.6*	8.2	-3.0*	8.0	6.5*
Oral Cavity and Pharynx	6.1	-1.6*	6.1	-1.8*	7.7	0.4
Stomach	5.5	-1.2*	6.0	0.0	5.9	-1.1
	Asian/Pacific Islander		American Indian/Alaska Native <sup>d</sup>		Hispanic <sup>e</sup>	
	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005	Rate <sup>b</sup> 2001-2005	APC <sup>c</sup> 1996-2005
All Sites	287.8	-0.3	296.4	0.4	317.8	-0.4
Breast	89.6	-0.5	75.0	0.1	90.1	-0.6
Colon and Rectum	35.4	-0.9	41.2	0.2	32.8	-0.8*
Lung and Bronchus	28.0	0.4	39.7	5.1*	25.4	-1.7*
Corpus and Uterus, NOS	16.5	0.8	15.3	-1.1	17.8	1.2
Thyroid	13.3	3.9*	12.7	-	14.6	0.2
Non-Hodgkin Lymphoma	11.1	0.7	11.3	-3.5	13.2	-3.5*
Stomach	10.5	-2.9*	9.3	-	12.5	5.1*
Ovary <sup>g</sup>	9.8	-0.2	8.8	0.9	11.7	-0.2
Liver & IBD <sup>f</sup>	8.3	0.7	8.2	-	10.3	-0.2
Pancreas	8.2	-0.3	7.7	-	9.6	1.8*
Cervix Uteri	8.0	-5.7*	6.9	-	9.5	-0.7
Leukemia	5.9	-0.6	6.9	-3.6	8.0	-0.8
Oral Cavity and Pharynx	5.4	-0.9	6.3	-	5.8	0.1
Kidney and Renal Pelvis	4.6	3.2*	5.1	-	5.5	0.0
Urinary Bladder	4.1	-0.1	4.9	-	4.9	-0.1

- 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.

<sup>a</sup> Top 15 cancer sites selected based on 2001-2005 age-adjusted rates for the race/ethnic group.

<sup>b</sup> 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).

<sup>c</sup> 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).

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

<sup>f</sup> IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

<sup>g</sup> Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

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

# SEER Incidence 1996-2005

## Males by Race/Ethnicity

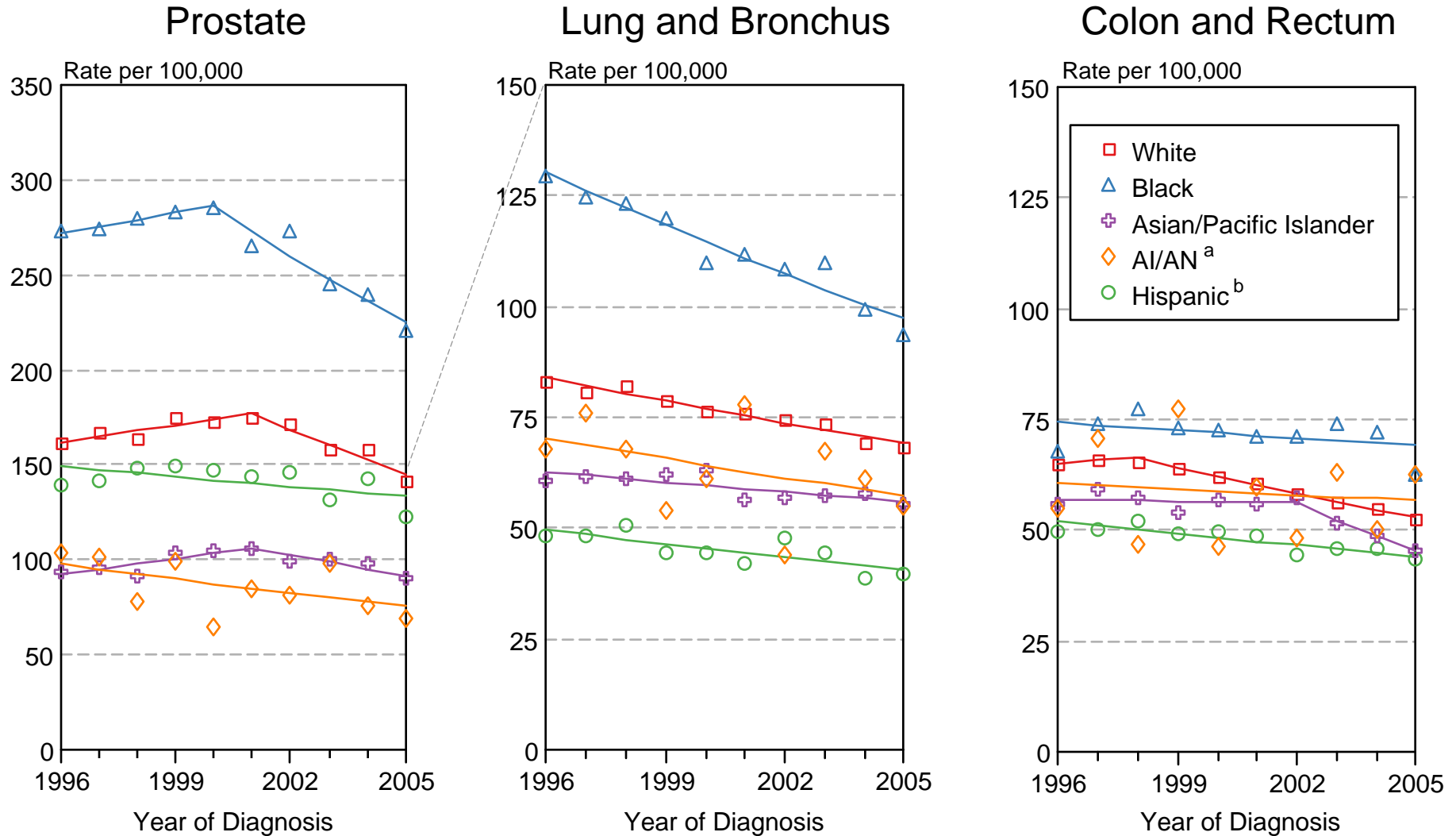


Figure I-13

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

<sup>b</sup> 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 1996-2005 Females by Race/Ethnicity

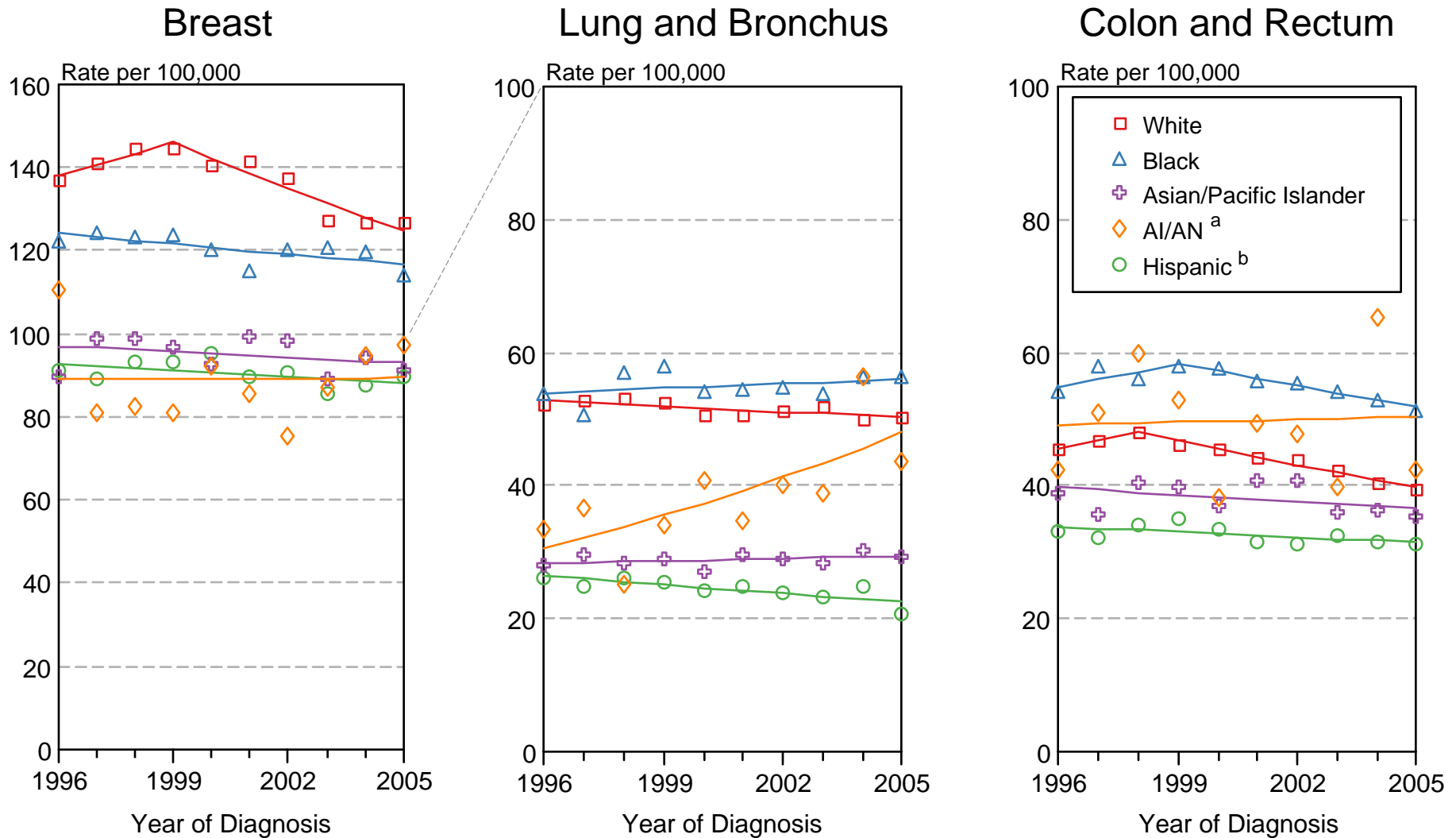


Figure I-14

Source: SEER 13 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry and Rural Georgia). Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1103). Regression lines are calculated using the Joinpoint Regression Program Version 3.3, April 2008, National Cancer Institute.

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

<sup>b</sup> 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.