

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

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

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

^a Top 15 cancer sites selected based on 2011-2015 age-adjusted rates for the race/ethnic group.

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

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

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

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

- 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 1.28
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	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015
All Sites	196.7	-1.8*	All Sites	196.4	-1.6*	All Sites	239.9	-2.8*
Lung and Bronchus	53.8	-3.3*	Lung and Bronchus	53.9	-3.2*	Lung and Bronchus	65.1	-3.7*
Prostate	19.5	-3.1*	Prostate	18.2	-2.9*	Prostate	39.9	-4.5*
Colon and Rectum	17.3	-2.5*	Colon and Rectum	16.8	-2.4*	Colon and Rectum	24.4	-3.2*
Pancreas	12.6	0.1	Pancreas	12.6	0.2*	Pancreas	14.8	-0.3
Liver & IBD ^f	9.4	2.5*	Leukemia	9.3	-1.1*	Liver & IBD ^f	13.2	2.2*
Leukemia	9.0	-1.3*	Liver & IBD ^f	8.7	2.7*	Stomach	8.3	-3.0*
Urinary Bladder	7.6	-0.3*	Urinary Bladder	8.0	-0.2	Myeloma	7.5	-1.0*
Non-Hodgkin Lymphoma	7.4	-2.0*	Non-Hodgkin Lymphoma	7.7	-1.9*	Leukemia	7.4	-2.3*
Esophagus	7.2	-1.1*	Esophagus	7.6	-0.6*	Esophagus	5.8	-5.3*
Kidney and Renal Pelvis	5.6	-0.4*	Kidney and Renal Pelvis	5.8	-0.3*	Kidney and Renal Pelvis	5.5	-0.7
Brain and ONS ^f	5.3	0.5*	Brain and ONS ^f	5.8	0.6*	Non-Hodgkin Lymphoma	5.4	-1.8*
Stomach	4.3	-2.4*	Melanoma of the Skin	4.5	-0.9*	Urinary Bladder	5.3	-0.4
Myeloma	4.2	-0.5*	Myeloma	4.0	-0.4	Oral Cavity and Pharynx	4.8	-2.3*
Melanoma of the Skin	3.9	-1.1*	Oral Cavity and Pharynx	3.8	0.9*	Larynx	3.3	-3.5*
Oral Cavity and Pharynx	3.9	0.5	Stomach	3.7	-2.4*	Brain and ONS ^f	3.2	1.4
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Asian/Pacific Islander			American Indian/Alaska Native ^d			Hispanic ^e		
	Rate ^b	APC ^c		Rate ^b	APC ^c		Rate ^b	APC ^c
	2011-2015	2006-2015		2011-2015	2006-2015		2011-2015	2006-2015
All Sites	120.4	-1.7*	All Sites	181.4	-0.8	All Sites	140.0	-1.6*
Lung and Bronchus	31.0	-2.7*	Lung and Bronchus	45.0	-1.9	Lung and Bronchus	26.4	-3.3*
Liver & IBD ^f	14.0	-0.6*	Colon and Rectum	20.2	1.8	Prostate	16.1	-3.2*
Colon and Rectum	12.0	-1.8*	Prostate	19.7	-0.9	Colon and Rectum	14.6	-1.7*
Prostate	8.7	-2.7*	Liver & IBD ^f	14.8	2.5*	Liver & IBD ^f	13.0	1.0*
Pancreas	8.3	-0.3	Pancreas	9.6	-0.5	Pancreas	9.5	-0.4
Stomach	6.8	-4.4*	Kidney and Renal Pelvis	8.4	-1.4	Stomach	6.7	-2.3*
Non-Hodgkin Lymphoma	5.0	-1.0	Stomach	7.3	-3.0	Non-Hodgkin Lymphoma	6.1	-1.4*
Leukemia	4.9	-0.5	Esophagus	5.9	1.5	Leukemia	6.0	-0.5
Oral Cavity and Pharynx	3.0	0.7	Non-Hodgkin Lymphoma	5.6	0.5	Kidney and Renal Pelvis	5.0	-0.6
Urinary Bladder	2.9	0.6	Leukemia	5.5	-2.1	Urinary Bladder	3.9	-0.6
Esophagus	2.8	-2.1*	Oral Cavity and Pharynx	3.7	0.1	Esophagus	3.9	-2.1*
Kidney and Renal Pelvis	2.6	-1.3	Urinary Bladder	3.6	-2.5	Brain and ONS ^f	3.4	1.1*
Brain and ONS ^f	2.5	1.8	Myeloma	3.4	-0.3	Myeloma	3.4	-0.6
Myeloma	2.0	-1.8	Brain and ONS ^f	3.0	1.3	Oral Cavity and Pharynx	2.4	-0.2
Soft Tissue including Heart	1.0	0.8	Soft Tissue including Heart	1.5	-	Larynx	1.5	-2.1*

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

^a Top 15 cancer sites selected based on 2011-2015 age-adjusted rates for the race/ethnic group.

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

^c The APC is the Annual Percent Change over the time interval.

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

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

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

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

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

- Statistic not shown. Rate based on less than 16 cases for the time interval. Trend based on less than 10 cases for at least one year within the time interval.

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

Females

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

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

^a Top 15 cancer sites selected based on 2011-2015 age-adjusted rates for the race/ethnic group.

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^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.

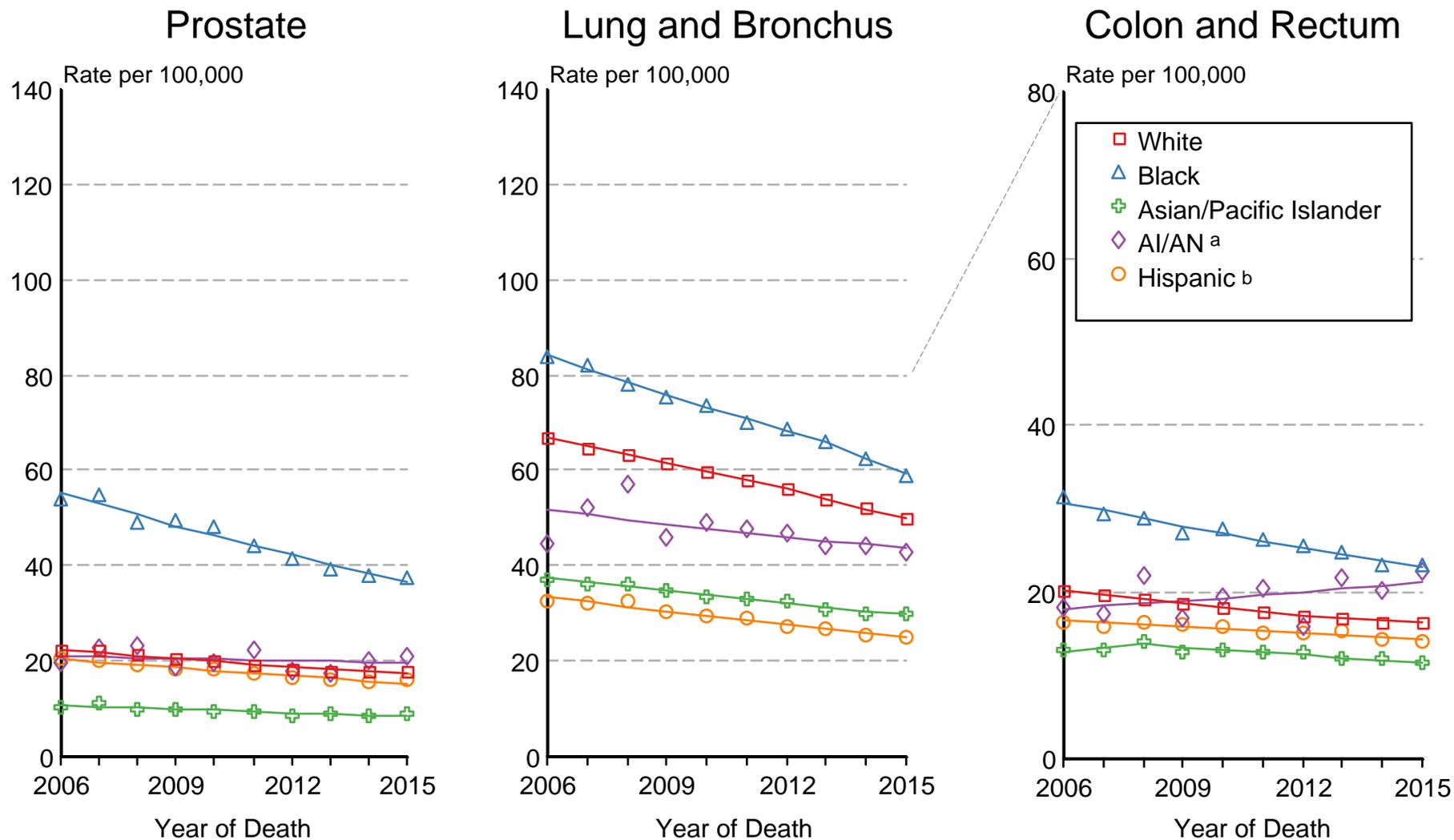
^f IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

* 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 1.15

US Mortality 2006-2015 Males by Race/Ethnicity



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

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

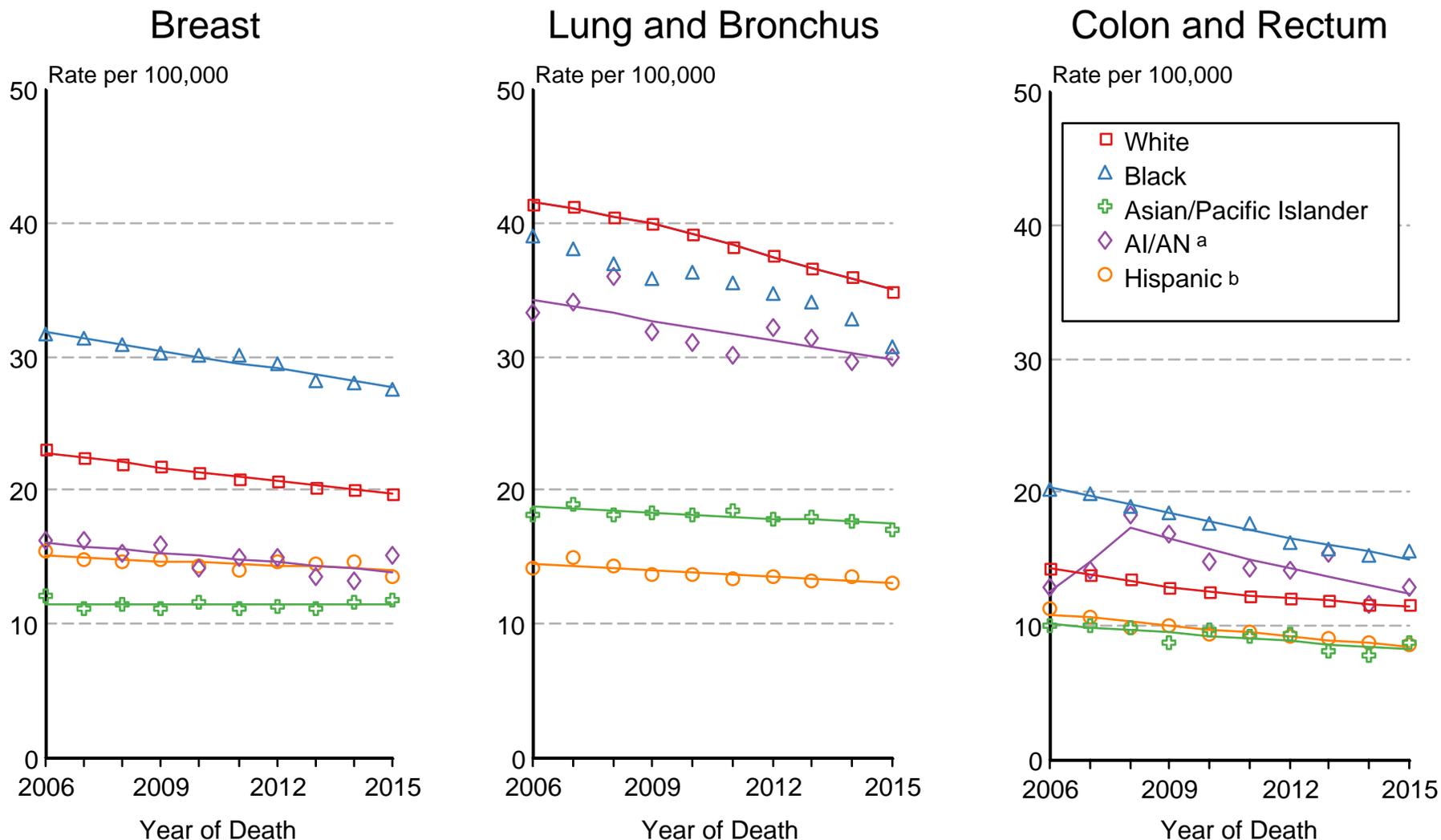
Regression lines are calculated using the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

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

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

Figure 1.16

US Mortality 2006-2015 Females by Race/Ethnicity



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

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

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

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

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