

Table 33.1  
Five-Year Cause-Specific Survival<sup>a</sup>(%) for Malignant Cancers, 2009-2015  
Both Sexes by Race/Ethnicity and Primary Site

Primary Site	White			Black			Asian/ Pacific Islander			American Indian/ Alaska Native <sup>b</sup>			Hispanic <sup>c</sup>		
	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE
All Sites	1,831,110	68.2	0.0	255,123	63.7	0.1	161,693	66.6	0.1	11,017	61.6	0.5	256,554	68.1	0.1
Oral Cavity & Pharynx	47,152	70.1	0.2	5,125	53.1	0.8	4,162	68.6	0.9	319	66.4	3.0	4,733	66.1	0.8
Esophagus	18,057	23.0	0.4	2,137	15.7	1.0	987	19.0	1.6	118	26.4	4.5	1,750	20.0	1.2
Stomach	25,736	32.1	0.3	5,093	35.3	0.8	5,389	38.9	0.8	320	24.3	2.6	7,186	31.2	0.7
Colon & Rectum	158,888	65.5	0.1	25,775	60.3	0.4	18,183	68.0	0.4	1,362	62.5	1.6	24,078	65.0	0.4
Liver & Intrahepatic Bile Duct	34,209	21.4	0.3	6,392	19.1	0.7	7,241	28.6	0.7	515	16.5	2.3	9,692	21.4	0.6
Pancreas	49,608	9.6	0.2	7,813	10.2	0.4	4,868	11.1	0.6	298	9.1	2.4	6,987	10.6	0.5
Larynx	12,790	67.1	0.5	2,514	56.8	1.2	557	66.5	2.4	65	73.3	6.1	1,364	67.4	1.5
Lung & Bronchus	211,506	22.1	0.1	30,434	19.7	0.3	17,395	23.2	0.4	1,084	20.4	1.5	15,854	20.9	0.4
Melanoma of the Skin	97,134	90.1	0.1	498	68.3	2.6	701	78.1	2.0	182	84.1	3.2	3,492	84.0	0.8
Breast	276,572	89.2	0.1	39,961	81.1	0.2	30,656	91.5	0.2	1,617	87.6	1.0	40,447	87.9	0.2
Cervix uteri	16,145	69.6	0.4	2,993	59.4	1.0	2,052	69.1	1.2	186	68.3	4.1	4,906	70.1	0.8
Corpus & Uterus, NOS	63,101	83.0	0.2	8,473	64.2	0.6	6,664	83.1	0.5	456	81.9	2.1	10,042	81.0	0.5
Ovary <sup>d</sup>	27,762	48.0	0.4	3,041	40.3	1.1	2,956	57.5	1.2	192	45.3	4.3	4,680	54.6	0.9
Prostate	253,850	93.6	0.1	53,178	92.7	0.1	16,482	93.9	0.2	963	86.8	1.3	32,591	92.7	0.2
Testis	14,579	95.8	0.2	520	92.9	1.2	711	94.5	0.9	156	93.4	2.0	4,049	94.6	0.4
Urinary Bladder	79,302	78.7	0.2	5,186	67.3	0.8	3,938	78.4	0.8	214	63.1	4.0	5,953	76.2	0.7
Kidney & Renal Pelvis	64,015	76.4	0.2	9,243	78.4	0.5	4,367	75.1	0.8	652	74.4	2.0	11,857	78.3	0.5
Brain & Nervous System	29,558	33.2	0.3	2,501	41.5	1.1	2,078	40.0	1.3	149	48.9	4.6	4,847	44.4	0.8
Thyroid	61,376	97.5	0.1	5,430	96.5	0.3	8,270	97.0	0.2	392	97.6	0.9	12,762	97.3	0.2
Hodgkin Lymphoma	11,567	89.2	0.3	1,893	86.3	0.9	808	89.0	1.3	53	86.8	5.9	2,585	87.5	0.7
Non-Hodgkin Lymphoma	79,771	73.6	0.2	8,137	69.4	0.6	7,094	70.0	0.6	405	70.9	2.4	12,981	72.0	0.5
Myeloma	24,519	56.2	0.4	6,906	60.0	0.8	2,065	57.5	1.5	159	54.2	5.1	4,193	57.6	1.0
Leukemia	54,595	66.2	0.2	5,513	62.5	0.8	3,923	57.5	0.9	305	64.5	3.0	9,538	65.5	0.6
Mesothelioma	3,910	10.1	0.6	243	17.5	3.0	151	11.6	3.4	-	-	-	527	12.2	2.1

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). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>c</sup> Hispanic is 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.

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

- Statistic could not be calculated due to less than 25 cases in the time interval.

Table 33.2  
Five-Year Cause-Specific Survival<sup>a</sup>(%) for Malignant Cancers, 2009-2015  
Males by Race/Ethnicity and Primary Site

Primary Site	White			Black			Asian/ Pacific Islander			American Indian/ Alaska Native <sup>b</sup>			Hispanic <sup>c</sup>		
	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE
All Sites	931,407	67.2	0.1	132,236	65.2	0.1	72,648	61.3	0.2	5,170	56.1	0.8	121,881	65.5	0.2
Oral Cavity & Pharynx	34,353	69.9	0.3	3,550	51.1	1.0	2,727	65.6	1.1	217	66.1	3.6	3,238	62.9	1.0
Esophagus	14,582	22.6	0.4	1,446	13.3	1.1	751	16.3	1.7	95	25.2	4.9	1,409	19.7	1.3
Stomach	16,151	29.3	0.4	2,827	29.5	1.0	3,031	39.4	1.1	190	21.8	3.2	4,017	29.0	0.9
Colon & Rectum	83,251	65.6	0.2	12,606	58.1	0.5	9,624	68.1	0.6	681	62.5	2.2	12,890	63.8	0.5
Liver & Intrahepatic Bile Duct	25,106	21.3	0.3	4,756	18.1	0.8	5,072	28.1	0.8	353	15.7	2.5	6,997	20.8	0.7
Pancreas	25,579	9.9	0.2	3,620	9.1	0.6	2,340	11.9	0.9	164	9.3	3.6	3,396	9.8	0.7
Larynx	10,314	67.3	0.6	1,990	57.1	1.4	483	66.2	2.5	57	71.8	6.6	1,181	66.5	1.7
Lung & Bronchus	109,279	18.8	0.1	16,609	16.1	0.4	9,693	19.6	0.5	579	14.8	1.8	8,327	16.4	0.5
Melanoma of the Skin	55,174	87.9	0.2	222	61.1	4.2	352	72.8	3.1	80	84.8	4.5	1,512	78.0	1.4
Prostate	253,850	93.6	0.1	53,178	92.7	0.1	16,482	93.9	0.2	963	86.8	1.3	32,591	92.7	0.2
Testis	14,579	95.8	0.2	520	92.9	1.2	711	94.5	0.9	156	93.4	2.0	4,049	94.6	0.4
Urinary Bladder	60,617	79.8	0.2	3,437	70.8	0.9	2,949	79.5	0.9	163	65.2	4.7	4,450	77.9	0.7
Kidney & Renal Pelvis	40,455	75.7	0.2	5,489	76.9	0.7	2,784	75.6	0.9	383	70.0	2.7	7,002	76.4	0.6
Brain & Nervous System	16,589	31.8	0.4	1,311	39.1	1.6	1,132	39.9	1.7	89	50.1	6.0	2,653	43.5	1.1
Thyroid	14,682	95.0	0.2	953	94.0	0.8	1,775	94.6	0.6	81	100.0	0.0	2,284	93.6	0.6
Hodgkin Lymphoma	6,402	88.7	0.4	1,051	83.2	1.3	436	87.6	1.9	28	96.4	3.5	1,415	86.0	1.1
Non-Hodgkin Lymphoma	43,902	72.6	0.2	4,354	66.9	0.8	3,850	69.6	0.9	209	68.2	3.5	6,904	69.8	0.6
Myeloma	14,018	56.3	0.5	3,347	60.5	1.1	1,135	58.1	1.9	71	59.8	6.8	2,283	58.5	1.4
Leukemia	31,691	66.9	0.3	2,935	64.1	1.0	2,212	59.1	1.2	179	62.6	3.9	5,367	66.0	0.8
Mesothelioma	2,933	8.1	0.7	164	11.4	3.5	107	9.6	3.7	-	-	-	381	9.8	2.1

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). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>c</sup> Hispanic is 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.

- Statistic could not be calculated due to less than 25 cases in the time interval.

Table 33.3  
Five-Year Cause-Specific Survival<sup>a</sup>(%) for Malignant Cancers, 2009-2015  
Females by Race/Ethnicity and Primary Site

Primary Site	White			Black			Asian/ Pacific Islander			American Indian/ Alaska Native <sup>b</sup>			Hispanic <sup>c</sup>		
	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE	Cases	Percent	SE
All Sites	899,703	69.3	0.1	122,887	62.1	0.2	89,045	71.0	0.2	5,847	66.4	0.7	134,673	70.5	0.1
Oral Cavity & Pharynx	12,799	70.8	0.5	1,575	57.4	1.5	1,435	74.3	1.4	102	67.0	5.6	1,495	73.1	1.4
Esophagus	3,475	24.8	0.9	691	20.9	1.9	236	28.4	3.6	-	-	-	341	21.4	2.8
Stomach	9,585	36.8	0.6	2,266	42.4	1.2	2,358	38.2	1.2	130	27.6	4.5	3,169	33.9	1.0
Colon & Rectum	75,637	65.4	0.2	13,169	62.5	0.5	8,559	68.0	0.6	681	62.5	2.3	11,188	66.5	0.5
Liver & Intrahepatic Bile Duct	9,103	21.5	0.6	1,636	22.2	1.4	2,169	29.9	1.2	162	18.2	4.8	2,695	23.0	1.1
Pancreas	24,029	9.4	0.2	4,193	11.2	0.6	2,528	10.5	0.8	134	8.4	3.0	3,591	11.4	0.7
Larynx	2,476	66.3	1.1	524	55.7	2.7	74	67.7	7.0	-	-	-	183	73.5	4.0
Lung & Bronchus	102,227	25.6	0.2	13,825	24.0	0.4	7,702	27.7	0.7	505	26.8	2.4	7,527	25.8	0.6
Melanoma of the Skin	41,960	93.0	0.1	276	73.7	3.2	349	83.3	2.4	102	83.9	4.3	1,980	88.6	0.9
Breast	274,538	89.2	0.1	39,590	81.2	0.2	30,522	91.5	0.2	1,614	87.6	1.0	40,252	87.9	0.2
Cervix uteri	16,145	69.6	0.4	2,993	59.4	1.0	2,052	69.1	1.2	186	68.3	4.1	4,906	70.1	0.8
Corpus & Uterus, NOS	63,101	83.0	0.2	8,473	64.2	0.6	6,664	83.1	0.5	456	81.9	2.1	10,042	81.0	0.5
Ovary <sup>d</sup>	27,762	48.0	0.4	3,041	40.3	1.1	2,956	57.5	1.2	192	45.3	4.3	4,680	54.6	0.9
Urinary Bladder	18,685	75.2	0.4	1,749	60.3	1.3	989	75.2	1.6	51	56.3	7.3	1,503	71.0	1.4
Kidney & Renal Pelvis	23,560	77.6	0.3	3,754	80.6	0.8	1,583	74.3	1.3	269	80.7	2.7	4,855	81.0	0.7
Brain & Nervous System	12,969	35.1	0.5	1,190	44.1	1.6	946	40.2	2.0	60	47.3	7.0	2,194	45.5	1.3
Thyroid	46,694	98.2	0.1	4,477	97.0	0.3	6,495	97.7	0.2	311	97.0	1.1	10,478	98.2	0.2
Hodgkin Lymphoma	5,165	89.8	0.5	842	90.1	1.1	372	90.6	1.7	25	77.0	10.5	1,170	89.2	1.0
Non-Hodgkin Lymphoma	35,869	74.8	0.3	3,783	72.2	0.8	3,244	70.6	0.9	196	73.9	3.3	6,077	74.4	0.6
Myeloma	10,501	56.0	0.6	3,559	59.6	1.1	930	56.9	2.2	88	50.0	7.3	1,910	56.5	1.5
Leukemia	22,904	65.2	0.4	2,578	60.8	1.1	1,711	55.4	1.4	126	67.3	4.6	4,171	64.9	0.9
Mesothelioma	977	16.2	1.5	79	27.1	5.5	44	17.6	6.8	-	-	-	146	17.6	5.2

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>c</sup> Hispanic is 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.

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

- Statistic could not be calculated due to less than 25 cases in the time interval.

Table 33.4

## Cancer of the Female Breast

5-Year Cause-Specific Survival<sup>a</sup> and Case Distribution by Race/Ethnicity  
SEER 18 Registries, 2009-2015

Race/Ethnicity	All Ages				Ages <50				Ages 50+			
	Case Distribution		Survival		Case Distribution		Survival		Case Distribution		Survival	
	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE
All Races	349,490	100.0	88.6	0.1	79,008	100.0	90.0	0.1	270,482	100.0	88.1	0.1
White	274,538	78.6	89.2	0.1	57,733	73.1	91.1	0.1	216,805	80.2	88.7	0.1
White Non-Hispanic	236,149	67.6	89.4	0.1	44,696	56.6	91.8	0.2	191,453	70.8	88.9	0.1
White Hispanic	38,389	11.0	87.9	0.2	13,037	16.5	88.4	0.4	25,352	9.4	87.6	0.3
Black	39,590	11.3	81.2	0.2	10,637	13.5	81.7	0.4	28,953	10.7	81.0	0.3
American Indian/Alaska Native <sup>c</sup>	1,614	0.5	87.6	1.0	395	0.5	87.5	2.0	1,219	0.5	87.7	1.1
Asian	28,077	8.0	91.9	0.2	8,750	11.1	93.0	0.4	19,327	7.1	91.4	0.3
Asian Indian, Pakistani	3,066	0.9	90.9	0.7	1,202	1.5	91.6	1.1	1,864	0.7	90.5	0.9
Chinese	5,303	1.5	92.1	0.5	1,708	2.2	93.2	0.8	3,595	1.3	91.5	0.6
Filipino	7,593	2.2	91.5	0.4	1,948	2.5	93.6	0.7	5,645	2.1	90.8	0.5
Japanese	3,416	1.0	93.0	0.5	767	1.0	94.9	1.1	2,649	1.0	92.4	0.6
Korean	1,921	0.5	90.0	0.9	706	0.9	91.5	1.4	1,215	0.4	89.1	1.1
Vietnamese	1,818	0.5	90.2	0.9	680	0.9	90.3	1.4	1,138	0.4	90.2	1.1
Other Asian <sup>d</sup>	4,960	1.4	93.4	0.5	1,739	2.2	93.6	0.8	3,221	1.2	93.4	0.6
Pacific Islander	2,445	0.7	87.5	0.8	650	0.8	85.5	1.7	1,795	0.7	88.3	0.9
Hawaiian	1,553	0.4	89.8	0.9	381	0.5	88.7	2.0	1,172	0.4	90.2	1.1
Other Pacific Islander <sup>e</sup>	892	0.3	83.3	1.6	269	0.3	80.9	3.0	623	0.2	84.5	1.8
Hispanic <sup>f</sup>	40,252	11.5	87.9	0.2	13,697	17.3	88.4	0.3	26,555	9.8	87.7	0.3

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). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Percent of cases do not sum to 100 because All Races includes unknown race and other race which are not shown separately.

<sup>c</sup> Survival estimates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>d</sup> Other Asians include Laotian, Hmong, Kampuchean, Thai, and Asians, Not Otherwise Specified (NOS).

<sup>e</sup> Other Pacific Islanders include Micronesian, Chamorran, Guamanian, Polynesian, Tahitian, Samoan, Tongan, Melanesian, Fiji Islander, New Guinean, and Pacific Islander, NOS.

<sup>f</sup> Hispanic is 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.

- Statistic not shown due to fewer than 25 cases during the time period.

Table 33.5

## Cancer of the Colon and Rectum

5-Year Cause-Specific Survival<sup>a</sup> and Case Distribution by Race/Ethnicity  
SEER 18 Registries, 2009-2015

Race/Ethnicity	Both Sexes				Males				Females			
	Case Distribution		Survival		Case Distribution		Survival		Case Distribution		Survival	
	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE
All Races	206,536	100.0	65.3	0.1	107,459	100.0	65.2	0.2	99,077	100.0	65.4	0.2
White	158,888	76.9	65.5	0.1	83,251	77.5	65.6	0.2	75,637	76.3	65.4	0.2
White Non-Hispanic	135,842	65.8	65.6	0.2	70,847	65.9	65.9	0.2	64,995	65.6	65.2	0.2
White Hispanic	23,046	11.2	64.8	0.4	12,404	11.5	63.5	0.5	10,642	10.7	66.3	0.6
Black	25,775	12.5	60.3	0.4	12,606	11.7	58.1	0.5	13,169	13.3	62.5	0.5
American Indian/Alaska Native <sup>c</sup>	1,362	0.7	62.5	1.6	681	0.6	62.5	2.2	681	0.7	62.5	2.3
Asian	16,952	8.2	68.5	0.4	8,921	8.3	68.6	0.6	8,031	8.1	68.4	0.6
Asian Indian, Pakistani	1,136	0.6	72.1	1.7	685	0.6	72.4	2.1	451	0.5	71.7	2.8
Chinese	3,729	1.8	66.9	0.9	1,992	1.9	67.4	1.3	1,737	1.8	66.3	1.4
Filipino	3,577	1.7	69.1	0.9	1,846	1.7	67.9	1.3	1,731	1.7	70.3	1.3
Japanese	2,412	1.2	67.4	1.1	1,207	1.1	69.0	1.5	1,205	1.2	65.7	1.6
Korean	1,639	0.8	65.7	1.4	814	0.8	64.6	2.1	825	0.8	66.6	2.0
Vietnamese	1,621	0.8	65.9	1.5	908	0.8	64.6	2.0	713	0.7	67.5	2.2
Other Asian <sup>d</sup>	2,838	1.4	72.8	1.0	1,469	1.4	73.9	1.4	1,369	1.4	71.7	1.5
Pacific Islander	1,231	0.6	61.5	1.7	703	0.7	61.5	2.2	528	0.5	61.6	2.6
Hawaiian	801	0.4	61.2	2.1	478	0.4	60.8	2.7	323	0.3	61.9	3.4
Other Pacific Islander <sup>e</sup>	430	0.2	62.2	2.8	225	0.2	63.6	3.7	205	0.2	60.9	4.2
Hispanic <sup>f</sup>	24,078	11.7	65.0	0.4	12,890	12.0	63.8	0.5	11,188	11.3	66.5	0.5

Source: SEER 18 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey and Georgia excluding ATL/RG). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Percent of cases do not sum to 100 because All Races includes unknown race and other race which are not shown separately.

<sup>c</sup> Survival estimates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>d</sup> Other Asians include Laotian, Hmong, Kampuchean, Thai, and Asians, Not Otherwise Specified (NOS).

<sup>e</sup> Other Pacific Islanders include Micronesian, Chamorroan, Guamanian, Polynesian, Tahitian, Samoan, Tongan, Melanesian, Fiji Islander, New Guinean, and Pacific Islander, NOS.

<sup>f</sup> Hispanic is 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.

- Statistic not shown due to fewer than 25 cases during the time period.

Table 33.6

## Cancer of the Liver and Intrahepatic Bile Duct

5-Year Cause-Specific Survival<sup>a</sup> and Case Distribution by Race/Ethnicity  
SEER 18 Registries, 2009-2015

Race/Ethnicity	Both Sexes				Males				Females			
	Case Distribution		Survival		Case Distribution		Survival		Case Distribution		Survival	
	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE
All Races	48,712	100.0	22.3	0.2	35,556	100.0	22.0	0.3	13,156	100.0	23.1	0.5
White	34,209	70.2	21.4	0.3	25,106	70.6	21.3	0.3	9,103	69.2	21.5	0.6
White Non-Hispanic	24,855	51.0	21.4	0.3	18,350	51.6	21.5	0.4	6,505	49.4	21.0	0.6
White Hispanic	9,354	19.2	21.3	0.6	6,756	19.0	20.7	0.7	2,598	19.7	22.8	1.1
Black	6,392	13.1	19.1	0.7	4,756	13.4	18.1	0.8	1,636	12.4	22.2	1.4
American Indian/Alaska Native <sup>c</sup>	515	1.1	16.5	2.3	353	1.0	15.7	2.5	162	1.2	18.2	4.8
Asian	6,790	13.9	29.1	0.7	4,732	13.3	28.6	0.8	2,058	15.6	30.2	1.3
Asian Indian, Pakistani	346	0.7	30.0	3.3	255	0.7	30.5	3.7	91	0.7	27.9	7.1
Chinese	1,531	3.1	34.3	1.5	1,080	3.0	35.4	1.8	451	3.4	31.6	2.6
Filipino	1,104	2.3	22.6	1.6	738	2.1	22.1	1.9	366	2.8	23.6	2.8
Japanese	540	1.1	22.0	2.2	303	0.9	23.3	3.1	237	1.8	20.5	3.2
Korean	702	1.4	25.2	2.0	459	1.3	23.3	2.5	243	1.8	28.6	3.5
Vietnamese	1,450	3.0	32.8	1.6	1,113	3.1	30.5	1.8	337	2.6	40.0	3.3
Other Asian <sup>d</sup>	1,117	2.3	29.7	1.7	784	2.2	27.3	2.1	333	2.5	35.5	3.2
Pacific Islander	451	0.9	20.4	2.7	340	1.0	19.7	2.9	111	0.8	20.9	6.3
Hawaiian	245	0.5	20.8	3.7	184	0.5	22.8	4.0	61	0.5	0.0	0.0
Other Pacific Islander <sup>e</sup>	206	0.4	19.5	4.0	156	0.4	15.7	4.3	50	0.4	32.0	7.9
Hispanic <sup>f</sup>	9,692	19.9	21.4	0.6	6,997	19.7	20.8	0.7	2,695	20.5	23.0	1.1

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). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Percent of cases do not sum to 100 because All Races includes unknown race and other race which are not shown separately.

<sup>c</sup> Survival estimates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>d</sup> Other Asians include Laotian, Hmong, Kampuchean, Thai, and Asians, Not Otherwise Specified (NOS).

<sup>e</sup> Other Pacific Islanders include Micronesian, Chamorroan, Guamanian, Polynesian, Tahitian, Samoan, Tongan, Melanesian, Fiji Islander, New Guinean, and Pacific Islander, NOS.

<sup>f</sup> Hispanic is 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.

- Statistic not shown due to fewer than 25 cases during the time period.

Table 33.7

## Cancer of the Lung and Bronchus

5-Year Cause-Specific Survival<sup>a</sup> and Case Distribution by Race/Ethnicity  
SEER 18 Registries, 2009-2015

Race/Ethnicity	Both Sexes				Males				Females			
	Case Distribution		Survival		Case Distribution		Survival		Case Distribution		Survival	
	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE
All Races	261,342	100.0	22.0	0.1	136,666	100.0	18.6	0.1	124,676	100.0	25.6	0.2
White	211,506	80.9	22.1	0.1	109,279	80.0	18.8	0.1	102,227	82.0	25.6	0.2
White Non-Hispanic	196,319	75.1	22.2	0.1	101,284	74.1	19.0	0.2	95,035	76.2	25.6	0.2
White Hispanic	15,187	5.8	20.7	0.4	7,995	5.9	16.2	0.5	7,192	5.8	25.5	0.6
Black	30,434	11.6	19.7	0.3	16,609	12.2	16.1	0.4	13,825	11.1	24.0	0.4
American Indian/Alaska Native <sup>c</sup>	1,084	0.4	20.4	1.5	579	0.4	14.8	1.8	505	0.4	26.8	2.4
Asian	15,888	6.1	23.7	0.4	8,868	6.5	20.0	0.5	7,020	5.6	28.3	0.7
Asian Indian, Pakistani	848	0.3	28.7	2.0	549	0.4	25.6	2.3	299	0.2	34.6	3.5
Chinese	4,119	1.6	24.1	0.9	2,219	1.6	20.2	1.1	1,900	1.5	28.5	1.3
Filipino	3,830	1.5	23.1	0.9	2,219	1.6	18.9	1.1	1,611	1.3	28.7	1.5
Japanese	1,884	0.7	18.8	1.1	909	0.7	16.6	1.5	975	0.8	20.8	1.6
Korean	1,255	0.5	25.2	1.5	705	0.5	21.6	1.9	550	0.4	29.9	2.4
Vietnamese	1,958	0.7	24.0	1.2	1,246	0.9	19.9	1.4	712	0.6	31.1	2.3
Other Asian <sup>d</sup>	1,994	0.8	25.6	1.3	1,021	0.7	21.0	1.7	973	0.8	30.3	1.9
Pacific Islander	1,507	0.6	18.2	1.3	825	0.6	15.8	1.7	682	0.5	21.0	2.1
Hawaiian	976	0.4	18.8	1.6	519	0.4	16.1	2.1	457	0.4	21.8	2.6
Other Pacific Islander <sup>e</sup>	531	0.2	17.2	2.2	306	0.2	15.5	2.8	225	0.2	19.7	3.4
Hispanic <sup>f</sup>	15,854	6.1	20.9	0.4	8,327	6.1	16.4	0.5	7,527	6.0	25.8	0.6

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). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Percent of cases do not sum to 100 because All Races includes unknown race and other race which are not shown separately.

<sup>c</sup> Survival estimates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>d</sup> Other Asians include Laotian, Hmong, Kampuchean, Thai, and Asians, Not Otherwise Specified (NOS).

<sup>e</sup> Other Pacific Islanders include Micronesian, Chamorro, Guamanian, Polynesian, Tahitian, Samoan, Tongan, Melanesian, Fiji Islander, New Guinean, and Pacific Islander, NOS.

<sup>f</sup> Hispanic is 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.

- Statistic not shown due to fewer than 25 cases during the time period.

Table 33.8

## Cancer of the Prostate

5-Year Cause-Specific Survival<sup>a</sup> and Case Distribution by Race/Ethnicity  
SEER 18 Registries, 2009-2015

Race/Ethnicity	All Ages				Ages <65				Ages 65+			
	Case Distribution		Survival		Case Distribution		Survival		Case Distribution		Survival	
	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE	Count	Percent <sup>b</sup>	Percent	SE
All Races	336,911	100.0	93.7	0.0	150,281	100.0	96.4	0.1	186,630	100.0	91.3	0.1
White	253,850	75.3	93.6	0.1	109,189	72.7	96.6	0.1	144,661	77.5	91.3	0.1
White Non-Hispanic	223,963	66.5	93.8	0.1	95,745	63.7	96.9	0.1	128,218	68.7	91.4	0.1
White Hispanic	29,887	8.9	92.3	0.2	13,444	8.9	94.8	0.2	16,443	8.8	90.3	0.3
Black	53,178	15.8	92.7	0.1	29,680	19.7	95.3	0.1	23,498	12.6	89.3	0.2
American Indian/Alaska Native <sup>c</sup>	963	0.3	86.8	1.3	391	0.3	92.2	1.6	572	0.3	83.0	1.9
Asian	15,158	4.5	94.2	0.2	5,253	3.5	97.1	0.3	9,905	5.3	92.5	0.3
Asian Indian, Pakistani	1,882	0.6	93.8	0.7	752	0.5	96.9	0.8	1,130	0.6	91.5	1.0
Chinese	2,885	0.9	94.5	0.5	904	0.6	97.7	0.6	1,981	1.1	93.0	0.7
Filipino	4,056	1.2	93.1	0.5	1,436	1.0	96.5	0.6	2,620	1.4	91.1	0.7
Japanese	1,920	0.6	94.4	0.6	540	0.4	97.5	0.8	1,380	0.7	93.1	0.8
Korean	731	0.2	92.6	1.2	159	0.1	92.7	2.6	572	0.3	92.6	1.3
Vietnamese	836	0.2	93.5	1.0	292	0.2	96.4	1.1	544	0.3	92.1	1.3
Other Asian <sup>d</sup>	2,848	0.8	96.1	0.4	1,170	0.8	98.2	0.5	1,678	0.9	94.7	0.7
Pacific Islander	1,324	0.4	90.4	1.0	554	0.4	93.0	1.2	770	0.4	88.4	1.5
Hawaiian	748	0.2	89.3	1.4	308	0.2	92.8	1.6	440	0.2	86.5	2.1
Other Pacific Islander <sup>e</sup>	576	0.2	92.1	1.3	246	0.2	93.2	1.8	330	0.2	91.1	1.8
Hispanic <sup>f</sup>	32,591	9.7	92.7	0.2	14,535	9.7	94.9	0.2	18,056	9.7	90.8	0.3

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). [Expected survival rates](#) are derived from life tables by socio-economic status, geography and race developed by the SEER program.

<sup>a</sup> Five-Year Cause-Specific survival was calculated by actuarial method using diagnosis years 2009-2015 with follow-up through 2016.

<sup>b</sup> Percent of cases do not sum to 100 because All Races includes unknown race and other race which are not shown separately.

<sup>c</sup> Survival estimates for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

<sup>d</sup> Other Asians include Laotian, Hmong, Kampuchean, Thai, and Asians, Not Otherwise Specified (NOS).

<sup>e</sup> Other Pacific Islanders include Micronesian, Chamorran, Guamanian, Polynesian, Tahitian, Samoan, Tongan, Melanesian, Fiji Islander, New Guinean, and Pacific Islander, NOS.

<sup>f</sup> Hispanic is 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.

- Statistic not shown due to fewer than 25 cases during the time period.