
Survival

Stage of disease at diagnosis is the most important factor affecting cancer patient survival (20,96). Many studies have also shown consistently poorer survival among cancer patients of lower socioeconomic status (43,44,68,93,98–102). Patients of lower socioeconomic status or those living in more disadvantaged areas have substantially higher rates of late-stage diagnoses of breast, prostate, and colorectal cancers than their higher SES counterparts (39–42,103–105). Since a late-stage diagnosis is associated with reduced survival, cancer survival would be expected to be lower among low SES than high SES patients, all else being equal. However, stage at diagnosis does not fully account for the socioeconomic differences in survival (68).

Area Socioeconomic and Racial/Ethnic Patterns in Survival, the 1988–1994 Patient Cohort

The survival measure used in this report represents the percentage of patients diagnosed with cancer between 1988 and 1994 who did not die of the neoplasm within five years from the time of diagnosis. For all cancers combined as well as for the individual cancers considered, both men and women in high poverty census

tracts generally had lower rates of cancer survival than those in low poverty census tracts (Tables 6.1–6.4, pages 114–117; Figures 6.1–6.24, pages 97–113). Among men, the five-year survival rate for all cancers combined was about 61% in low poverty areas but only 49% in high poverty areas (Table 6.1, page 114; Figure 6.3, page 98). The pattern among women was similar, with five-year survival for all cancers at 63.4% in low poverty areas and only 53.1% in high poverty areas. Socioeconomic differentials in cancer survival were apparent within each racial/ethnic group with the exception of American Indians/Alaska natives.

Among women with breast cancer, five-year survival was 86.4% for those in census tracts with a poverty rate of less than 10% and only 77.5% for those in census tracts with a 20% or higher poverty rate. Socioeconomic differentials in survival were also large among men and women with melanoma of the skin and colorectal cancers. Moderate socioeconomic differentials in survival were seen for cancers of the cervix uteri and prostate. Even though five-year survival rates for lung cancer patients are consistently low, a socioeconomic gradient is apparent.

For many types of cancer, ethnic differentials in cancer survival were apparent within each area socioeconomic group. These racial/ethnic differences in cancer survival were substantially reduced, however, after controlling for stage of disease at diagnosis (Tables 6.2–6.4, pages 115–117). Socioeconomic gradients in survival were generally most pronounced for regional-stage disease (Table 6.3, page 116). For example, five-year cause-specific survival rates for women diagnosed with regional-stage breast cancer were 79.6% among those living in low poverty census tracts and 71.2% for those in high poverty census tracts. Socioeconomic differences in survival were also substantial for localized-stage lung cancer (Table 6.2, page 115) and distant-stage cancer of the cervix uteri (Table 6.4, page 117).

Trends in Survival from Cancers of the Prostate and Female Breast

Trends in the survival rates from 1988 through 1994 are shown for the two most frequently diagnosed cancers: male prostate and female breast (Figures 6.13 and 6.16, pages 105 and 107, respectively). Area socioeconomic differences persisted throughout the time period for both cancers. Prostate cancer survival improved between 1988 and 1994 for men in all area poverty groups, with socioeconomic inequalities diminishing slightly because of somewhat larger gains in survival among men in high poverty areas. Socioeconomic differentials in female breast cancer survival appear to be relatively unchanged between 1988 and 1994, with little or no improvement in survival among women in each area group.

Figure 6.1. Trends in SEER Cancer (All Sites Combined) Survival Among Men, 1988–1994

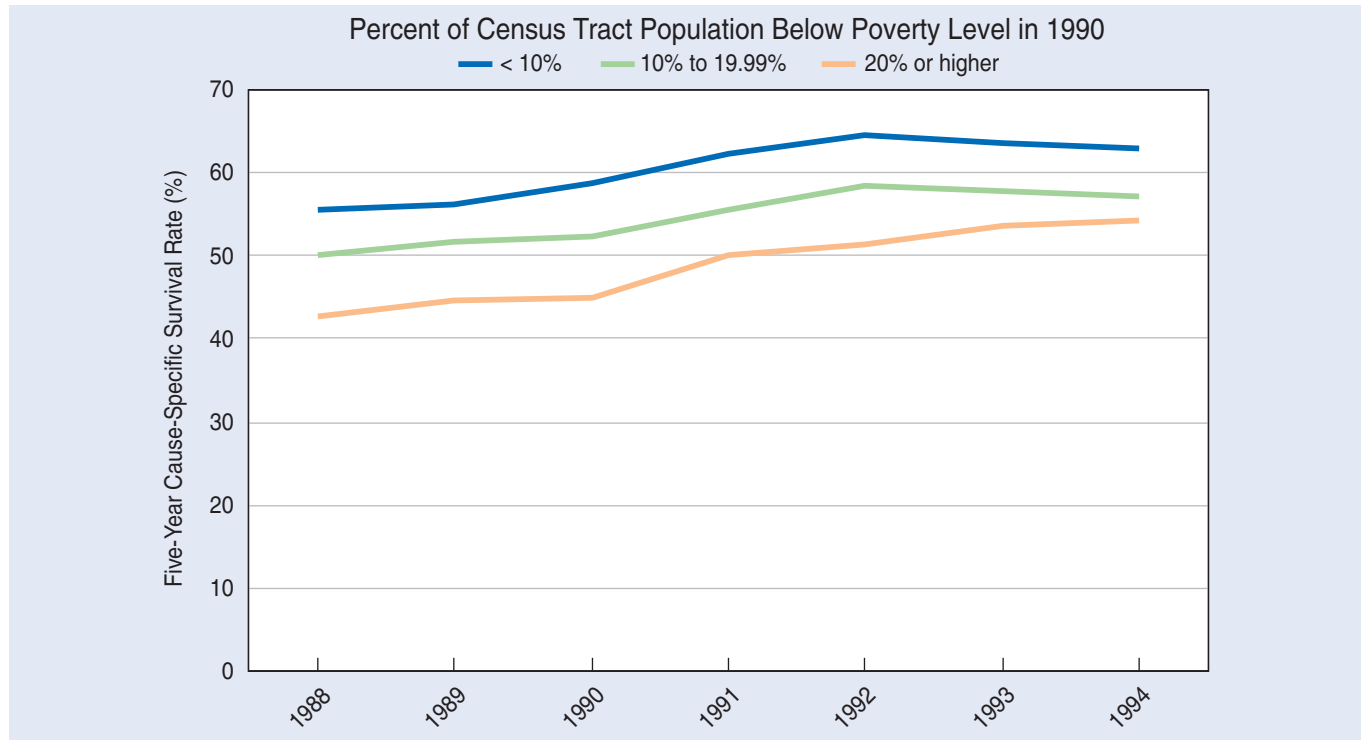
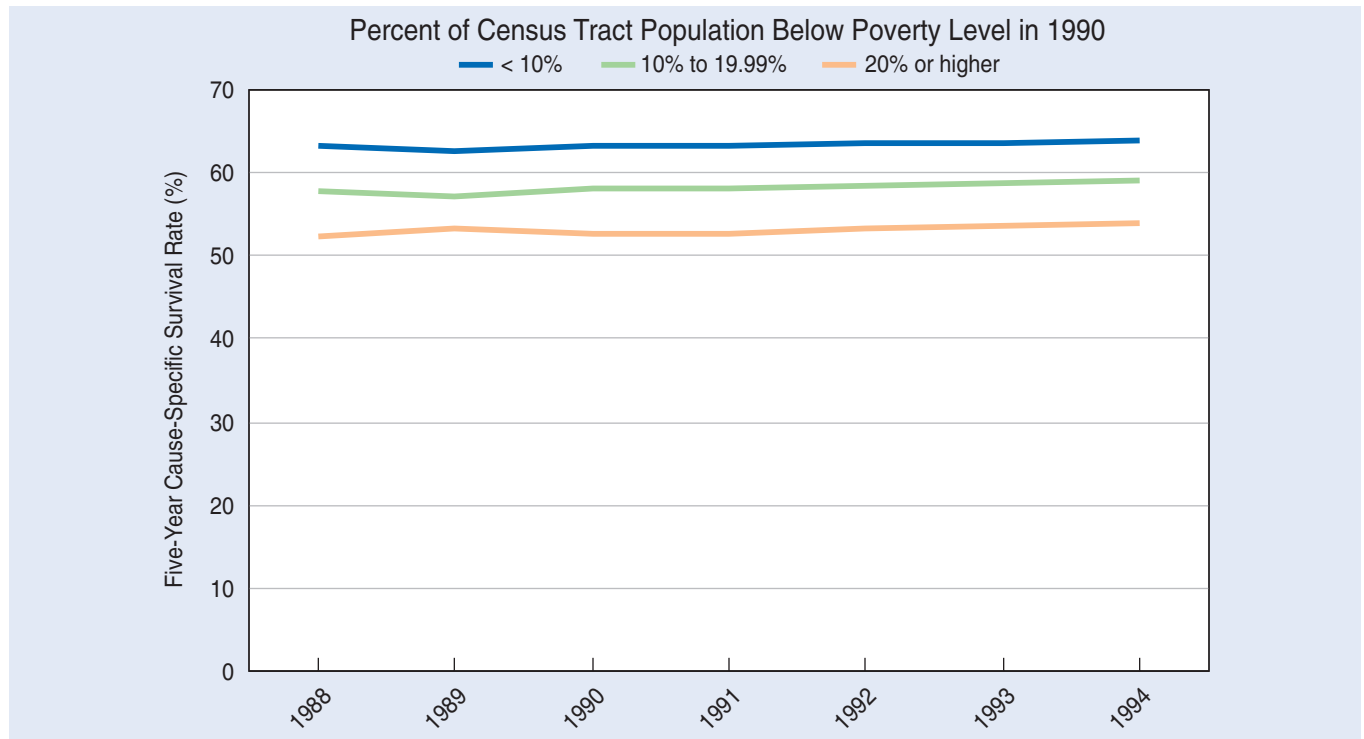


Figure 6.2. Trends in SEER Cancer (All Sites Combined) Survival Among Women, 1988–1994



Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.3. SEER Cancer (All Sites Combined) Survival Among Men, 1988–1994 Patient Cohort

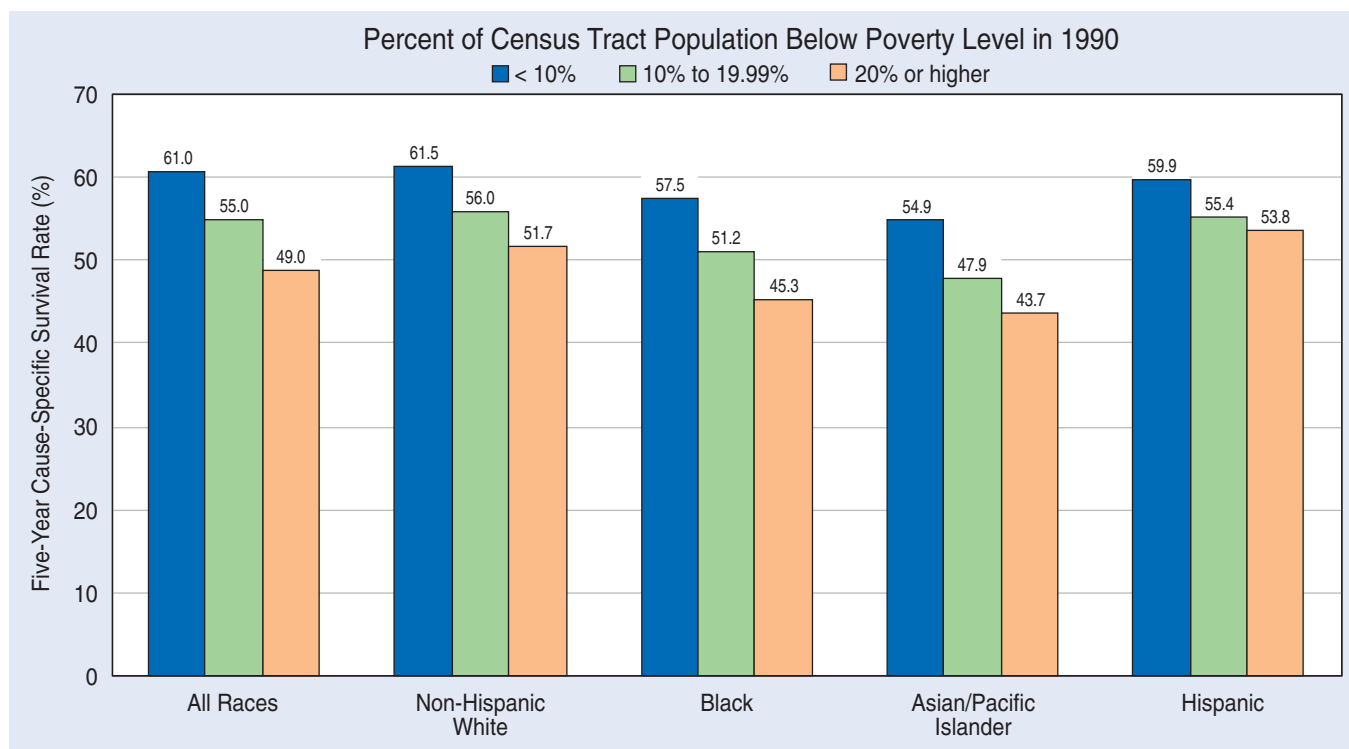
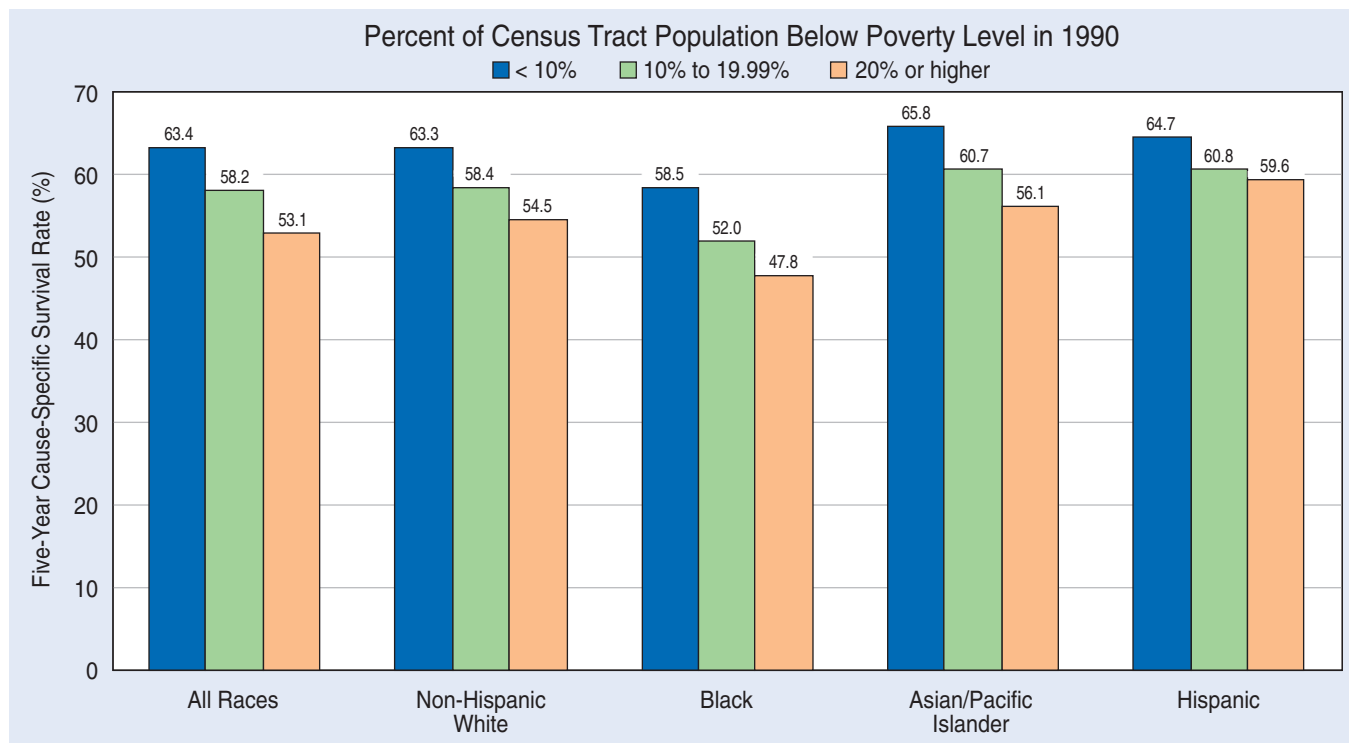


Figure 6.4. SEER Cancer (All Sites Combined) Survival Among Women, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.5. SEER Lung Cancer Survival Among Men, 1988–1994 Patient Cohort

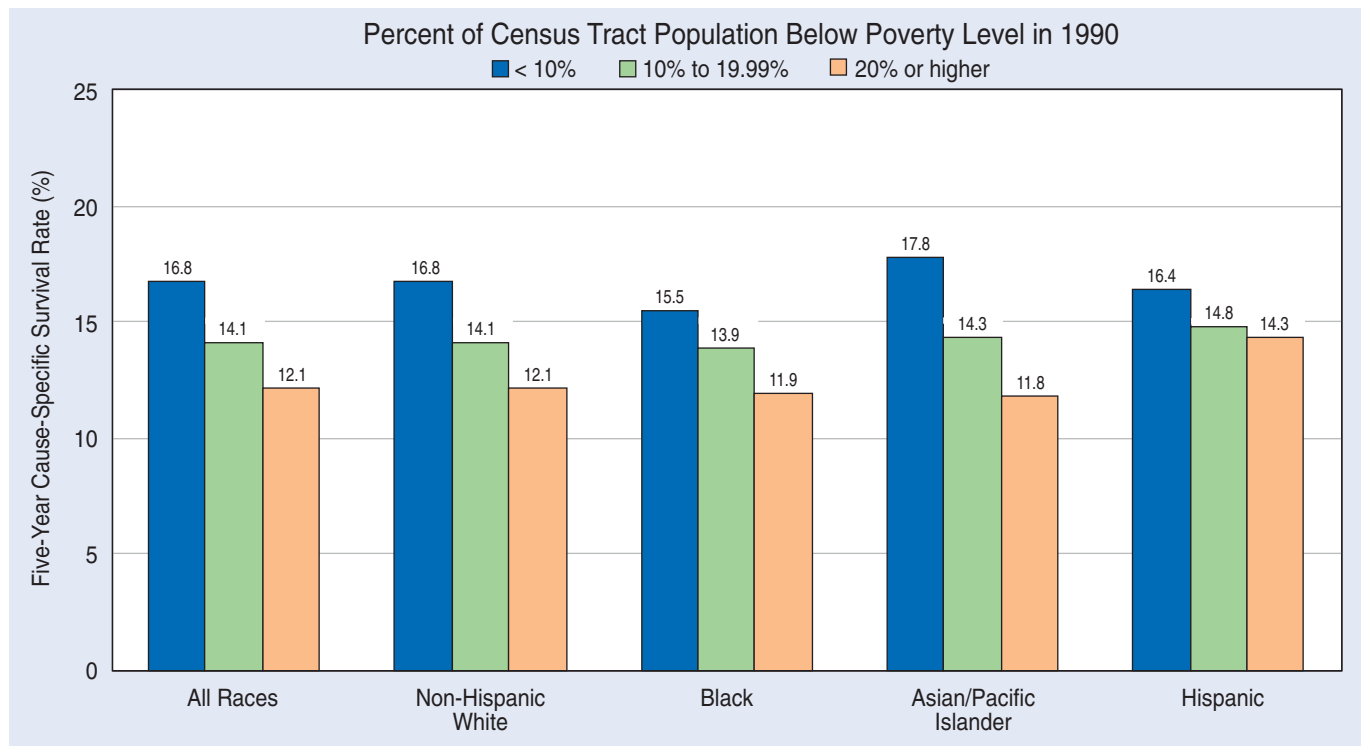
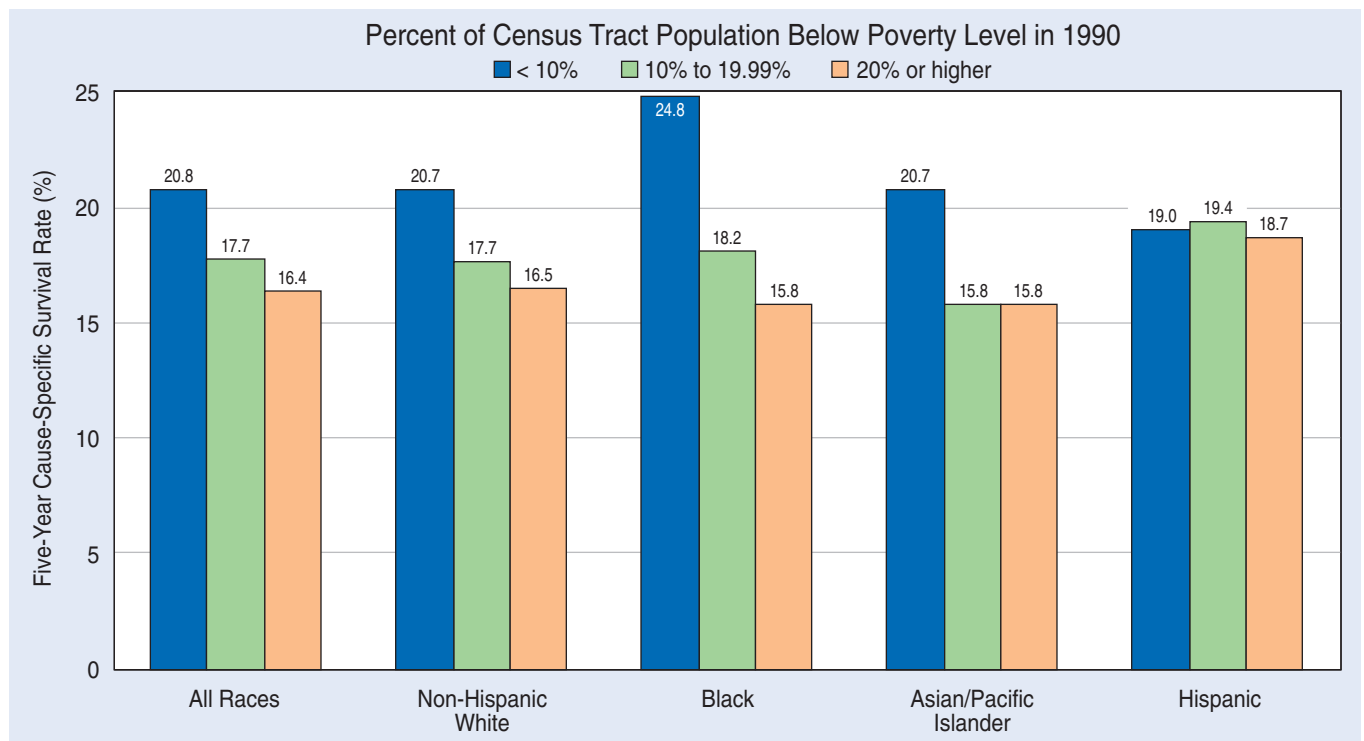
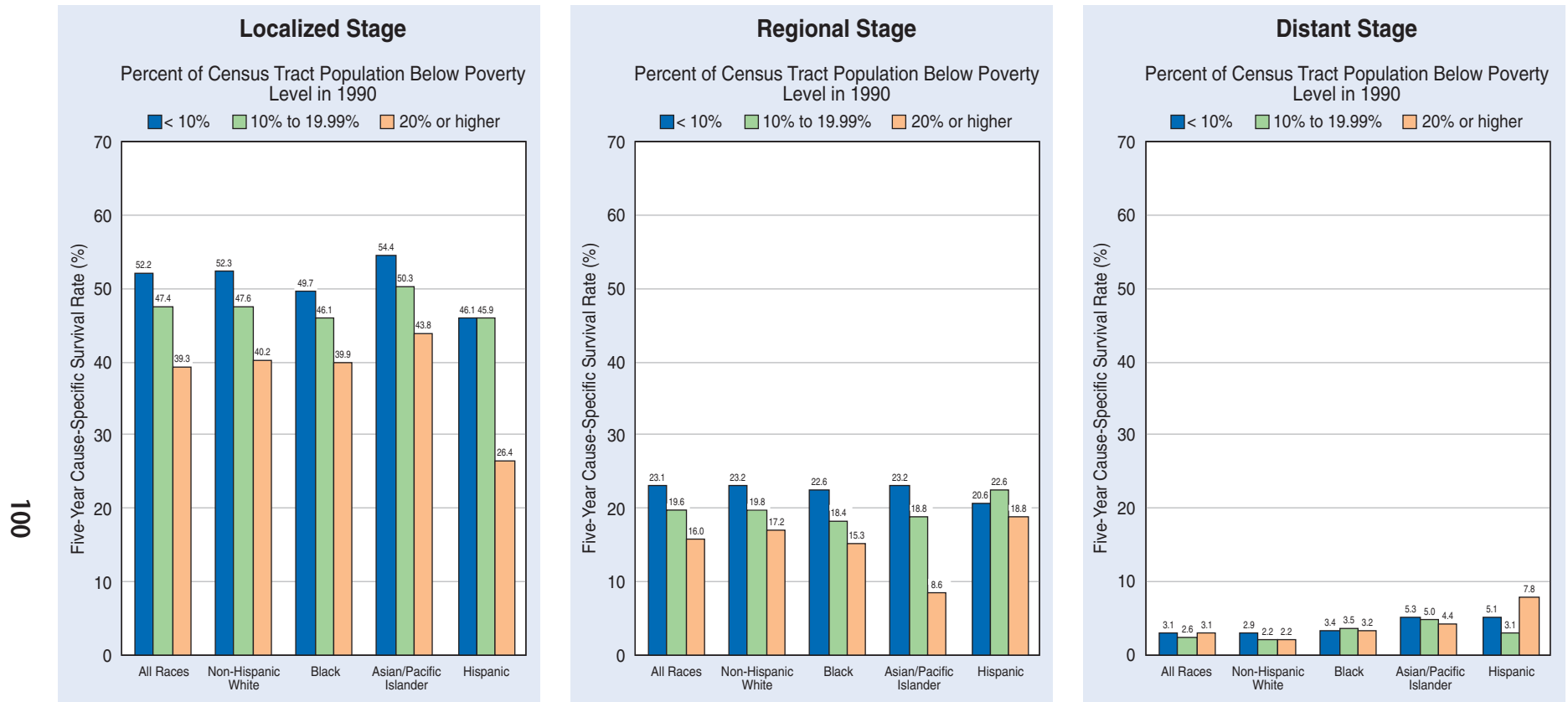


Figure 6.6. SEER Lung Cancer Survival Among Women, 1988–1994 Patient Cohort



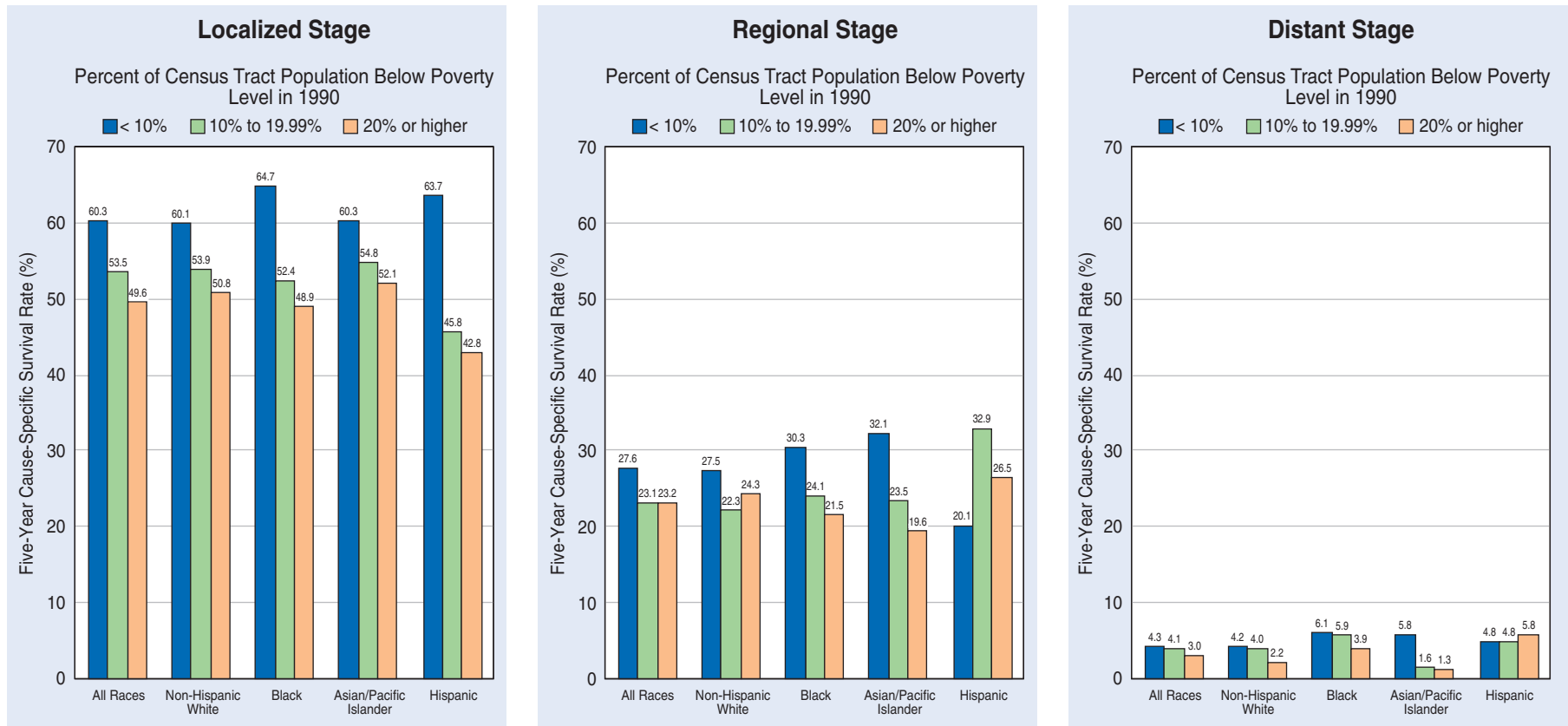
Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.7. SEER Lung Cancer Survival Among Men by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.8. SEER Lung Cancer Survival Among Women by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.9. SEER Colorectal Cancer Survival Among Men, 1988–1994 Patient Cohort

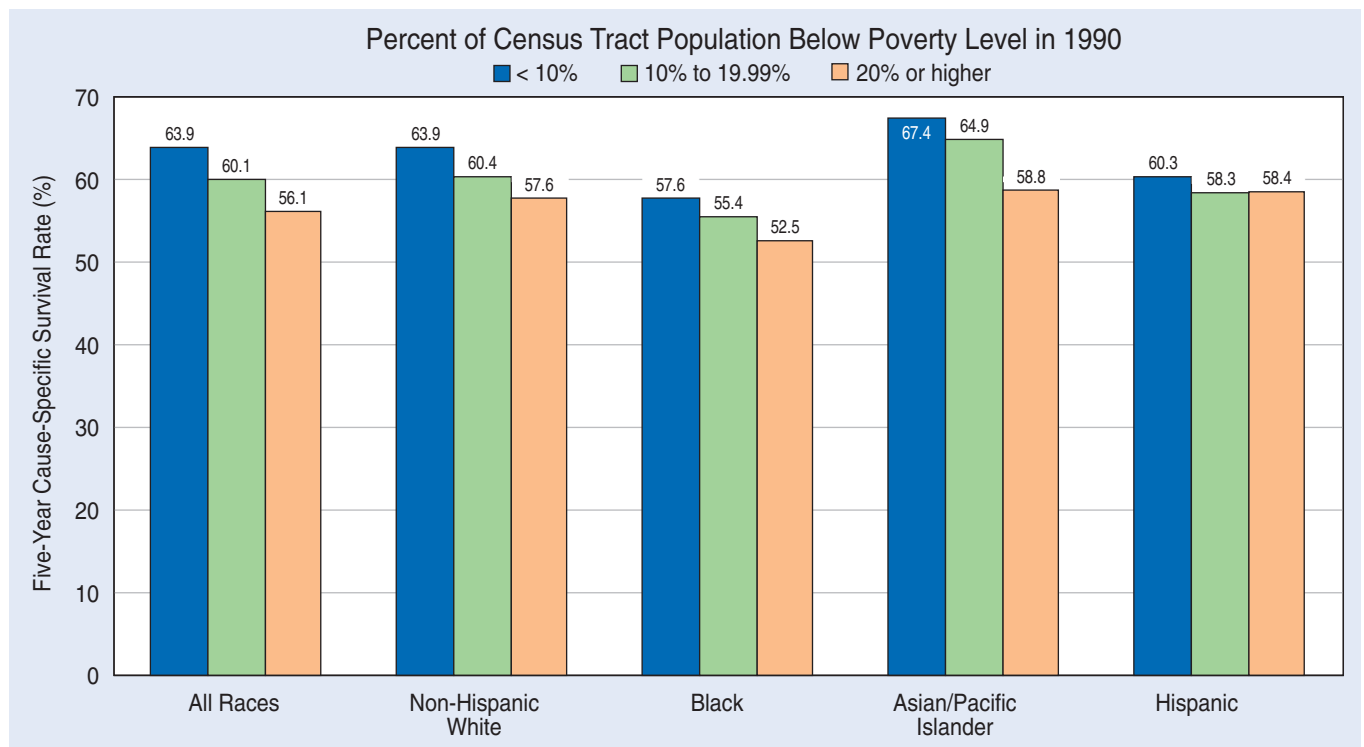
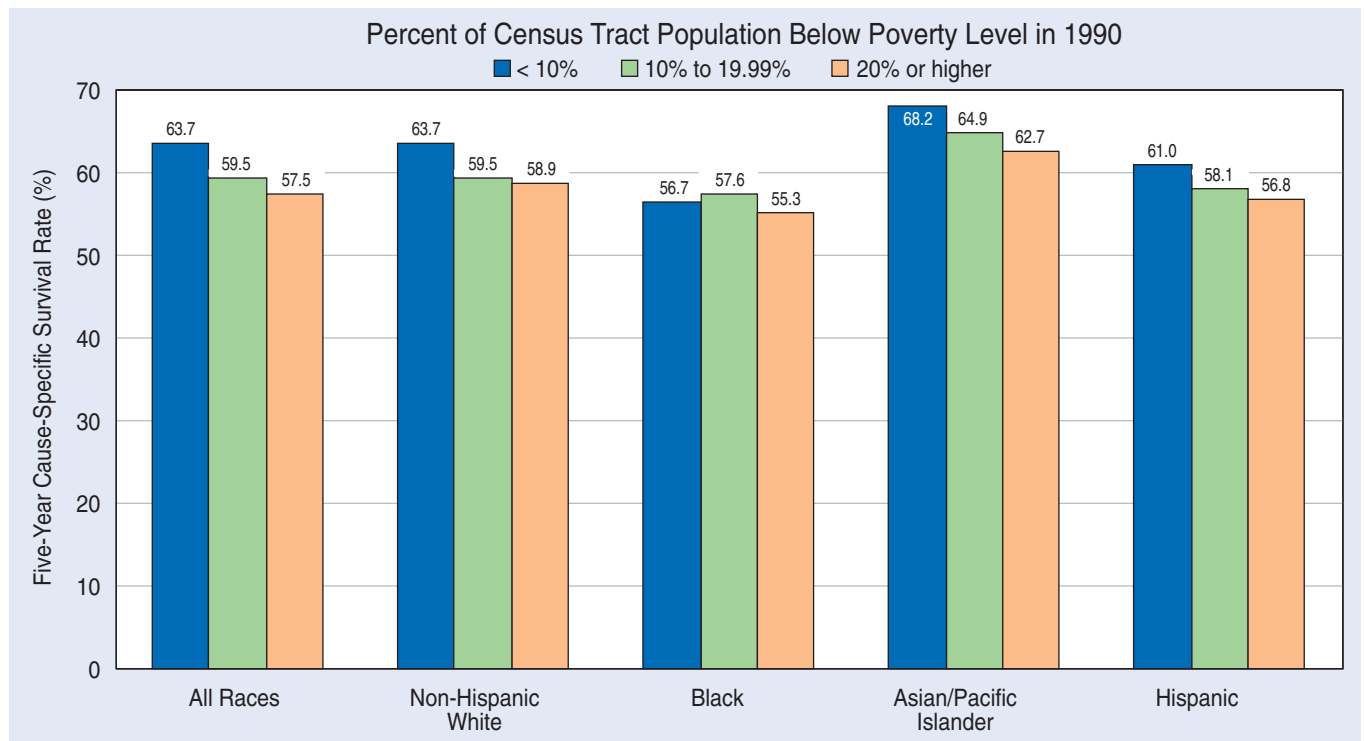
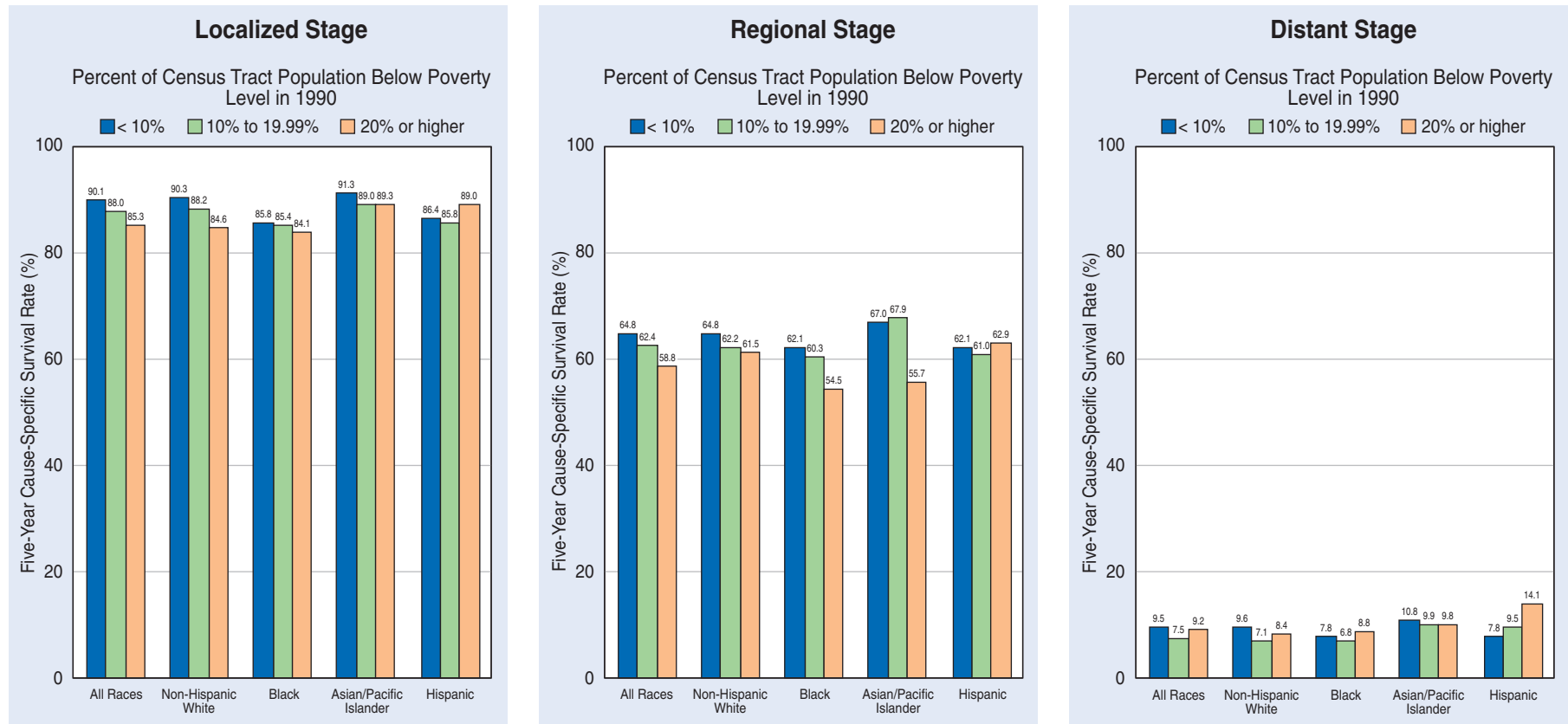


Figure 6.10. SEER Colorectal Cancer Survival Among Women, 1988–1994 Patient Cohort



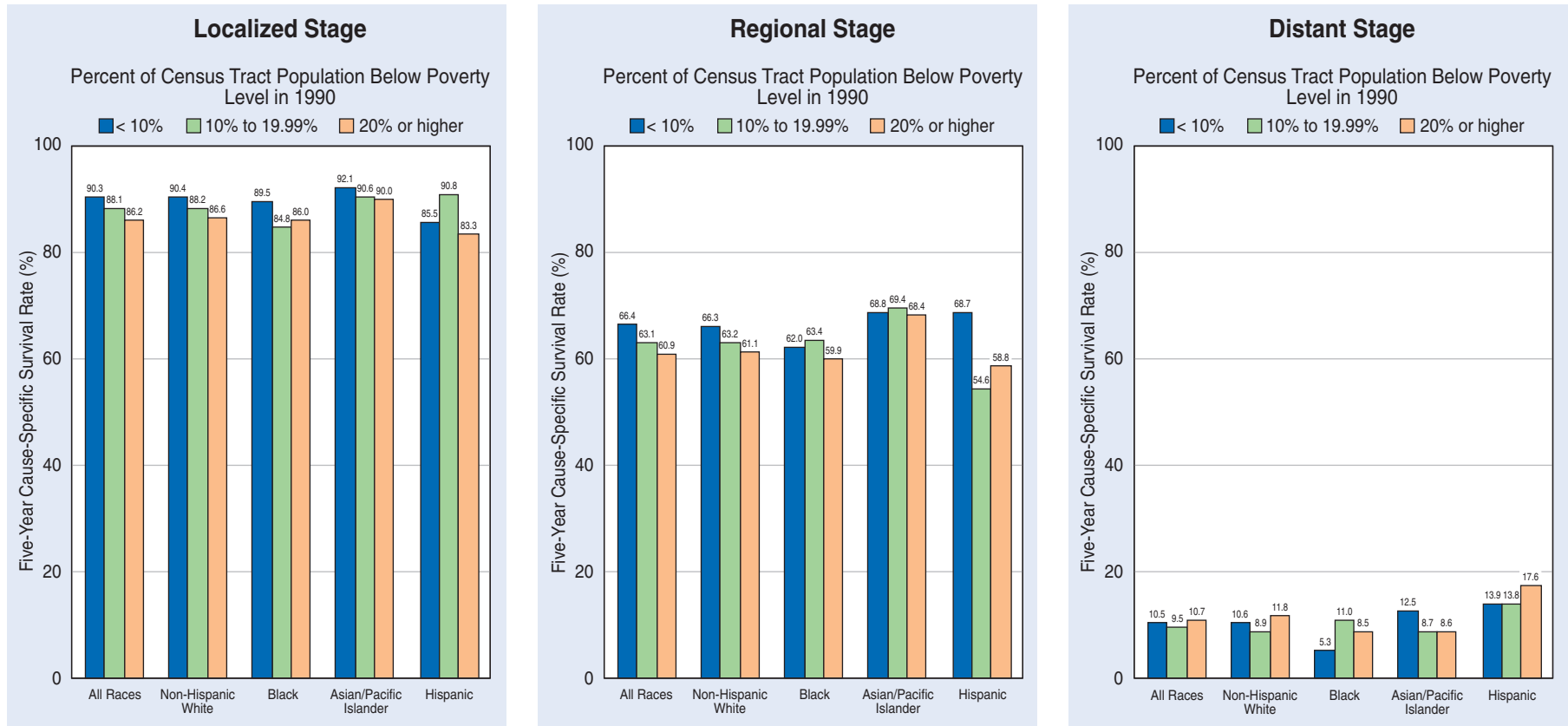
Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.11. SEER Colorectal Cancer Survival Among Men by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.12. SEER Colorectal Cancer Survival Among Women by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.13. Trends in SEER Prostate Cancer Survival, 1988–1994

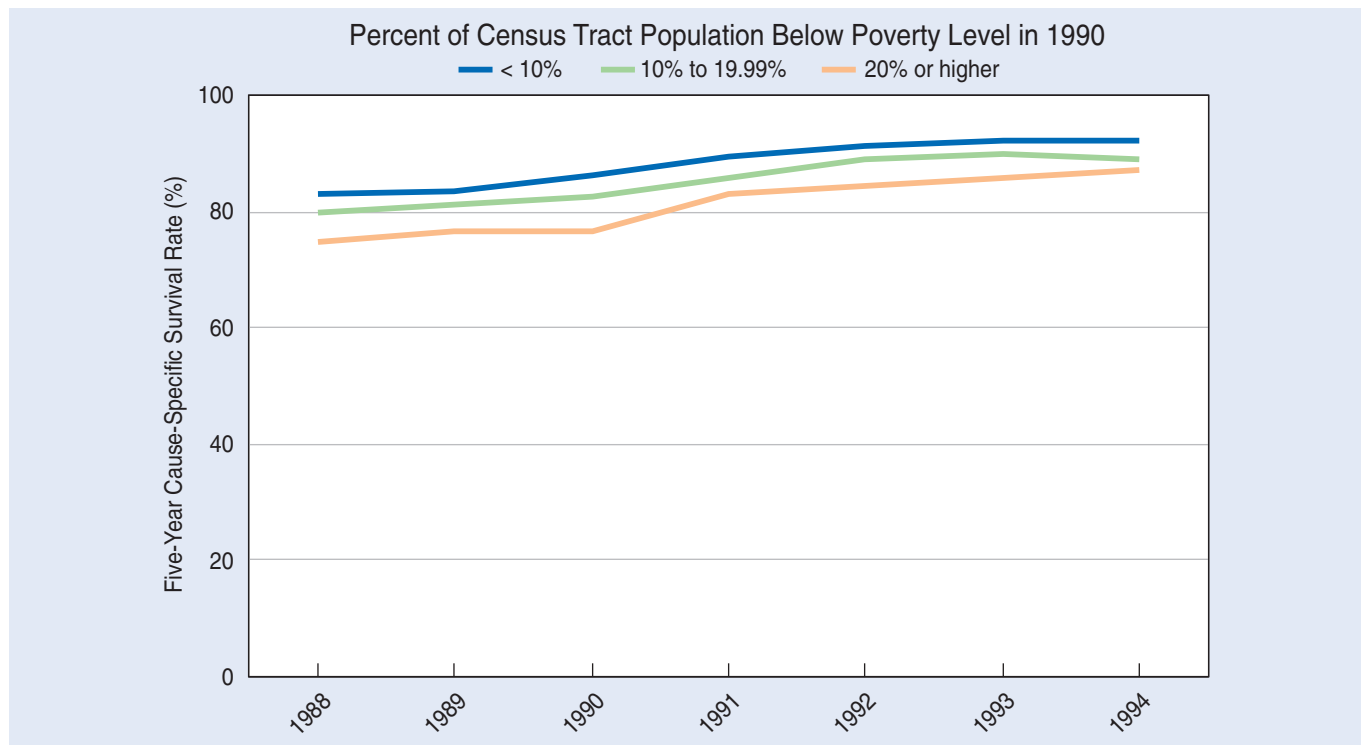
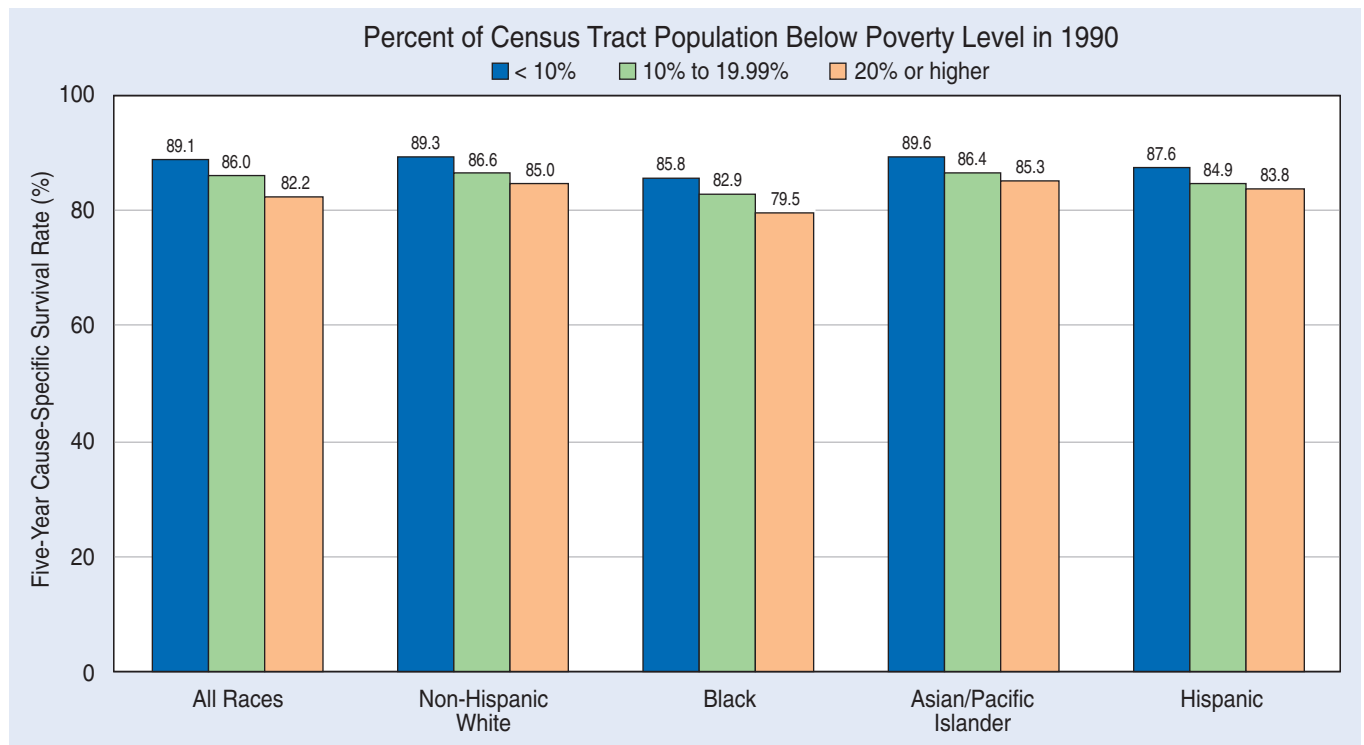
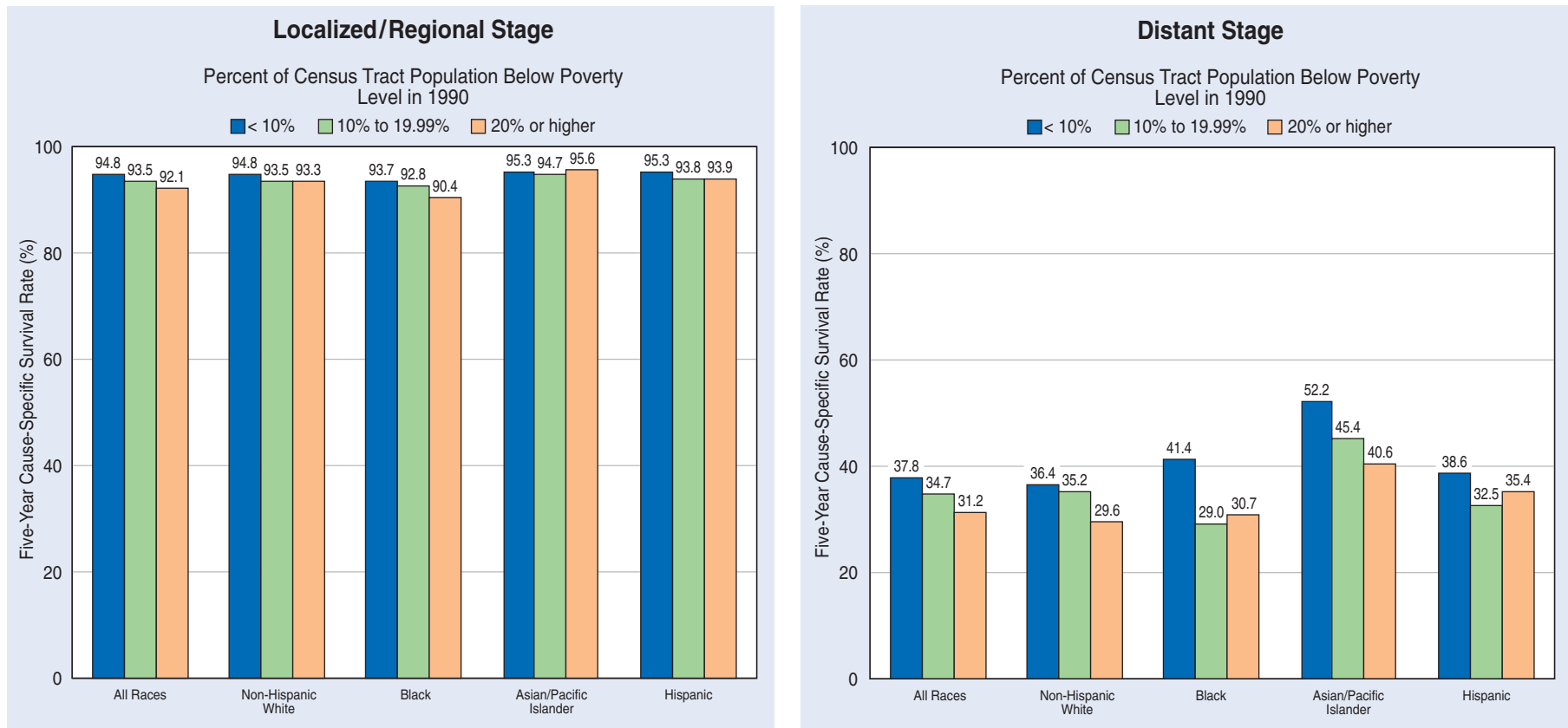


Figure 6.14. SEER Prostate Cancer Survival, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.15. SEER Prostate Cancer Survival by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.16. Trends in SEER Female Breast Cancer Survival, 1988–1994

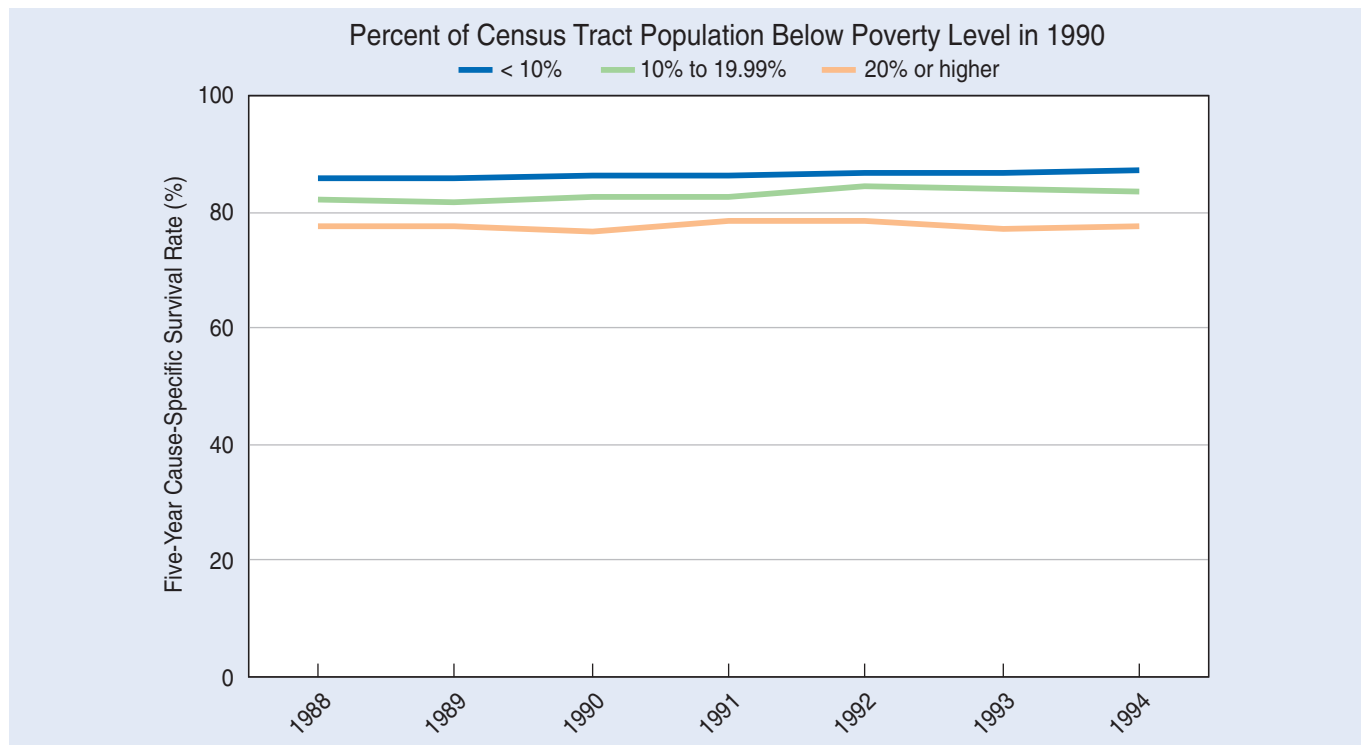
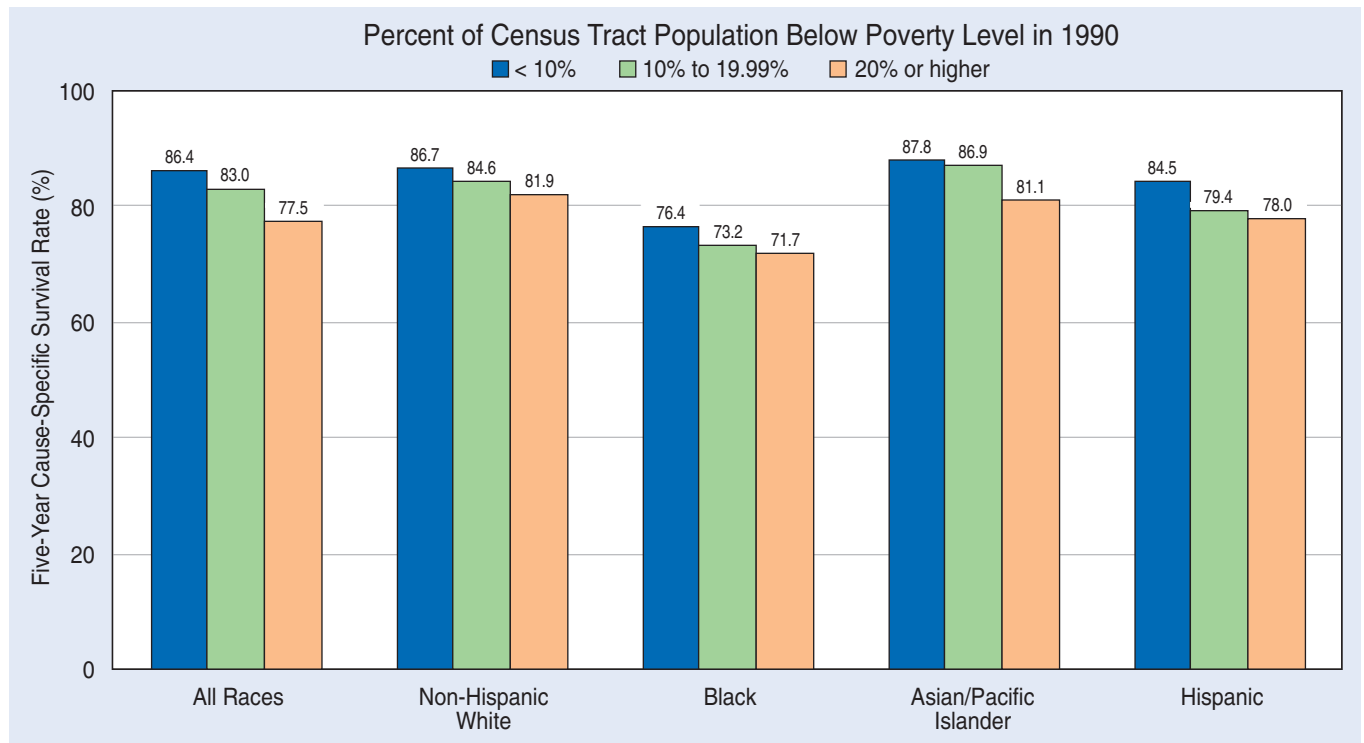
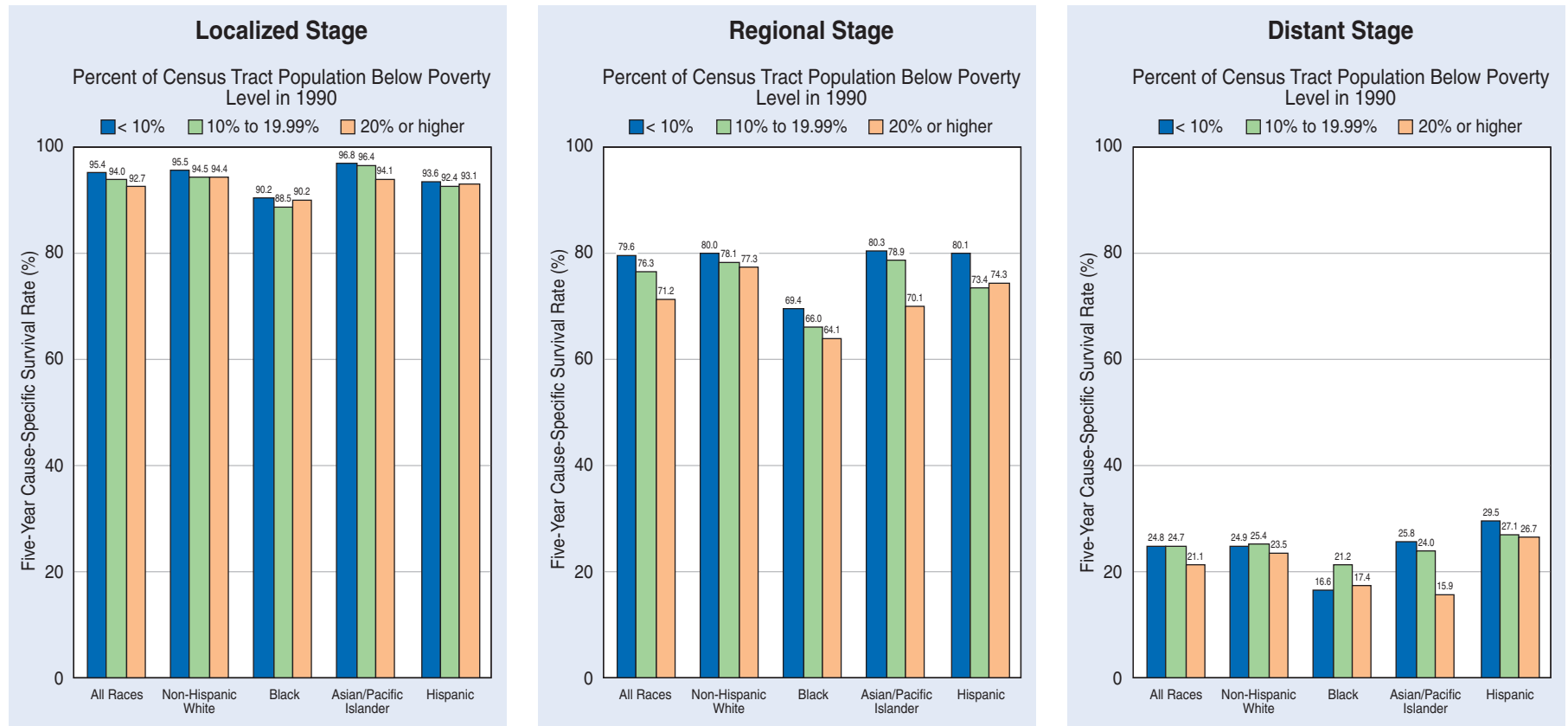


Figure 6.17. SEER Female Breast Cancer Survival, 1988–1994 Patient Cohort



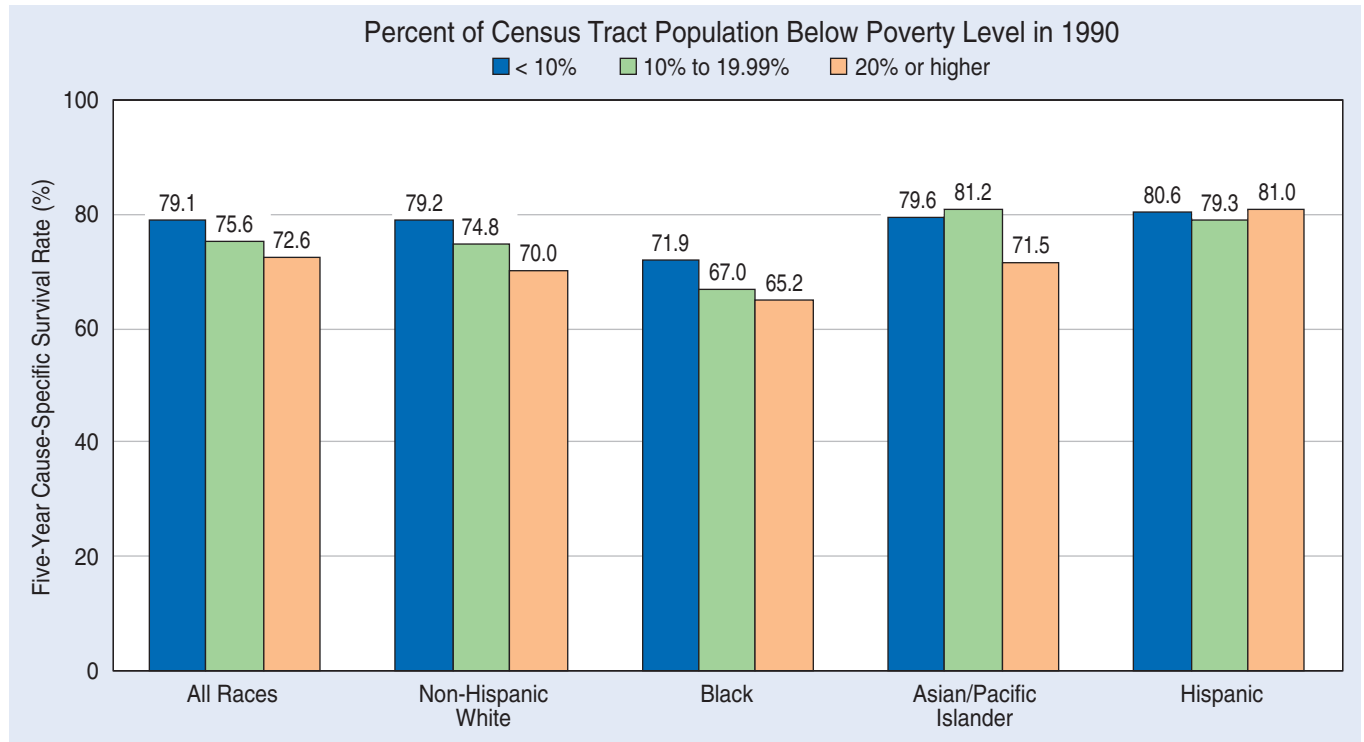
Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.18. SEER Female Breast Cancer Survival by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



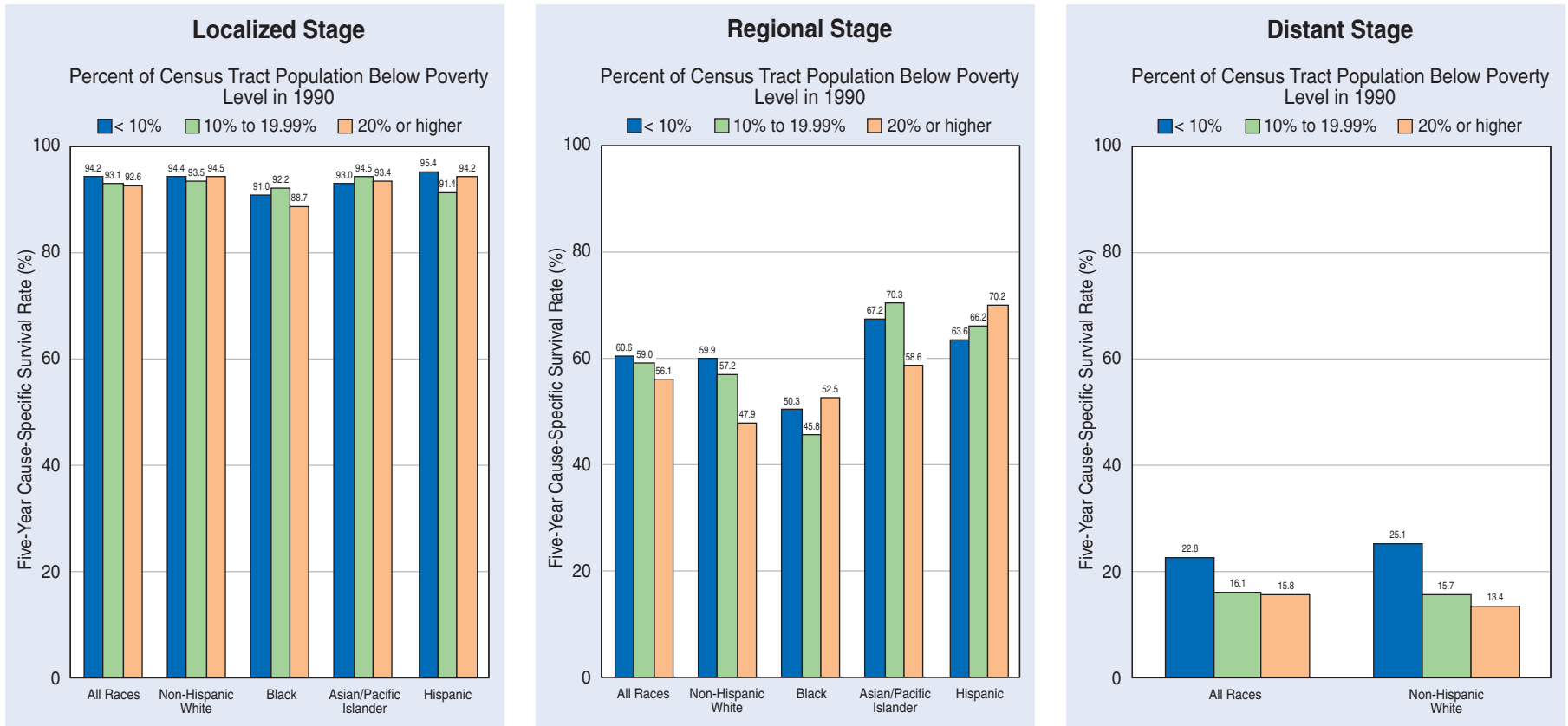
Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.19. SEER Cervical Cancer Survival, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.20. SEER Cervical Cancer Survival by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.21. SEER Cancer Survival Among Men, Melanoma of the Skin, 1988–1994 Patient Cohort

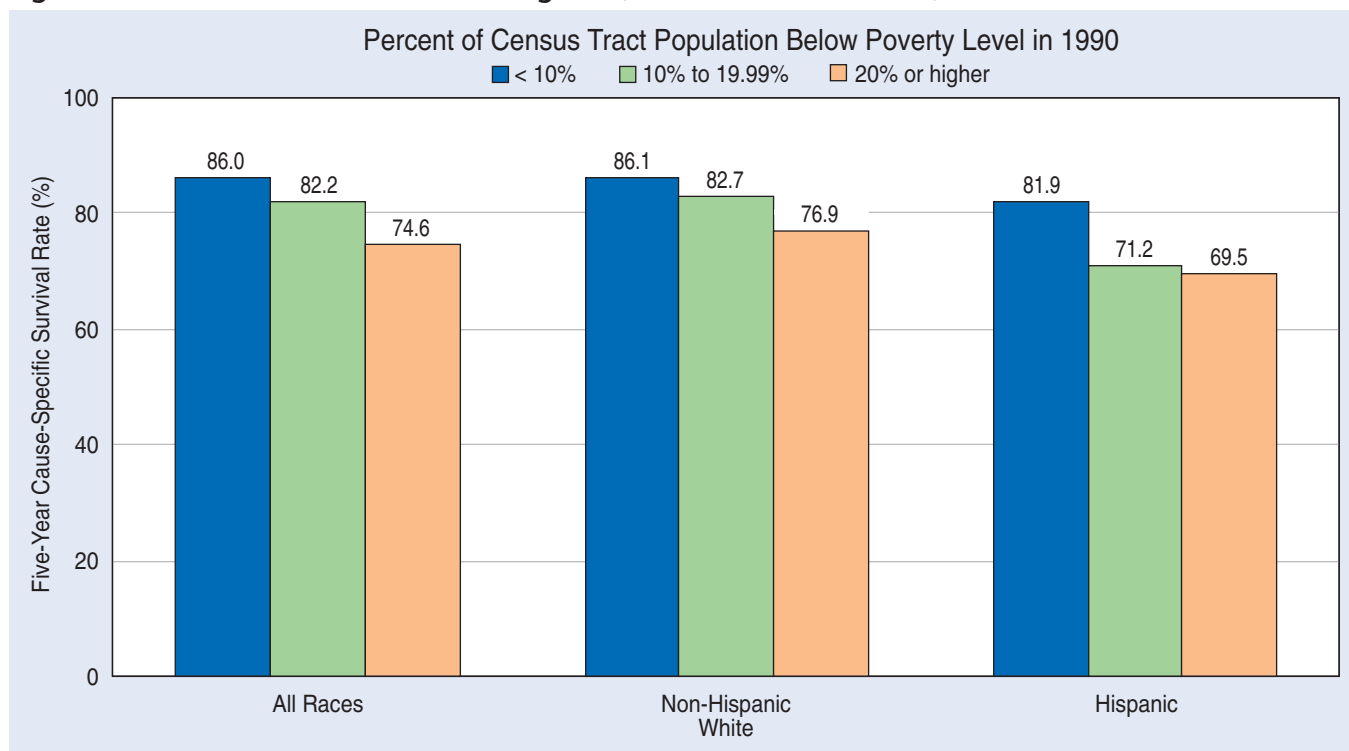
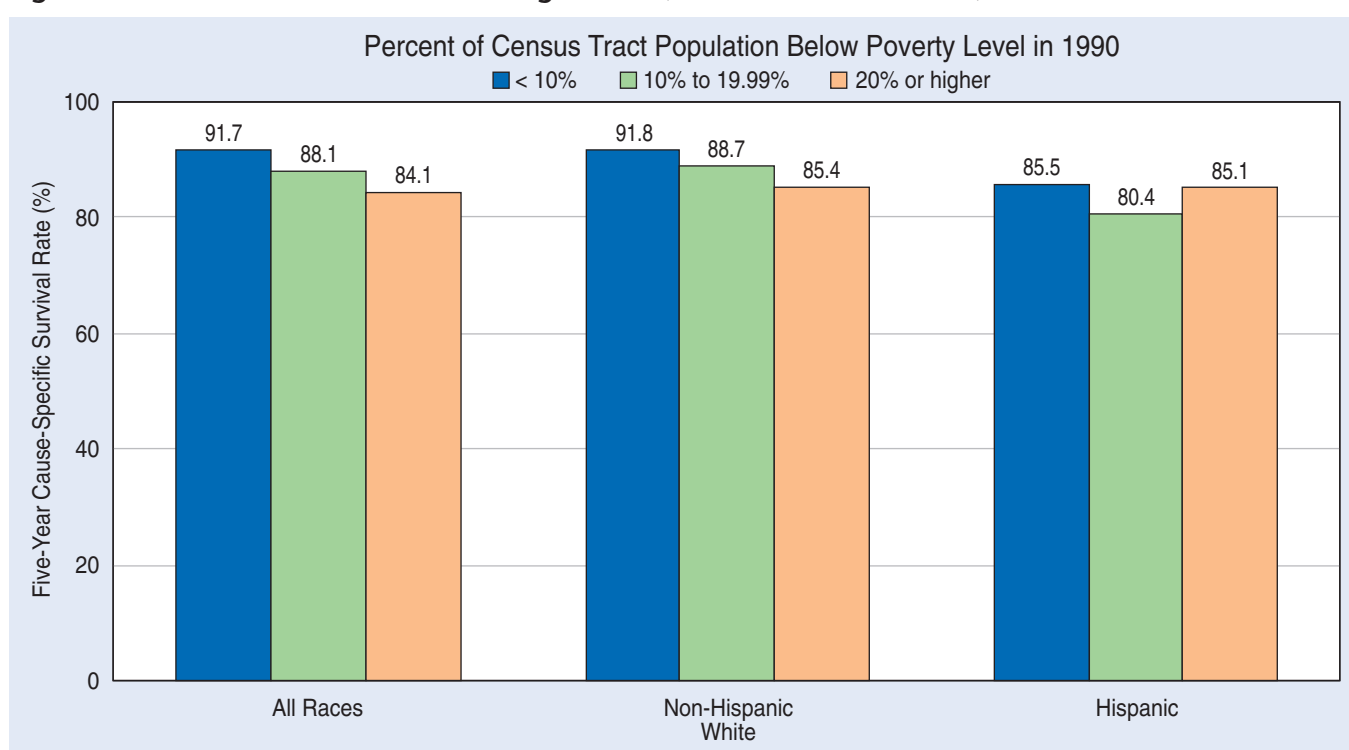
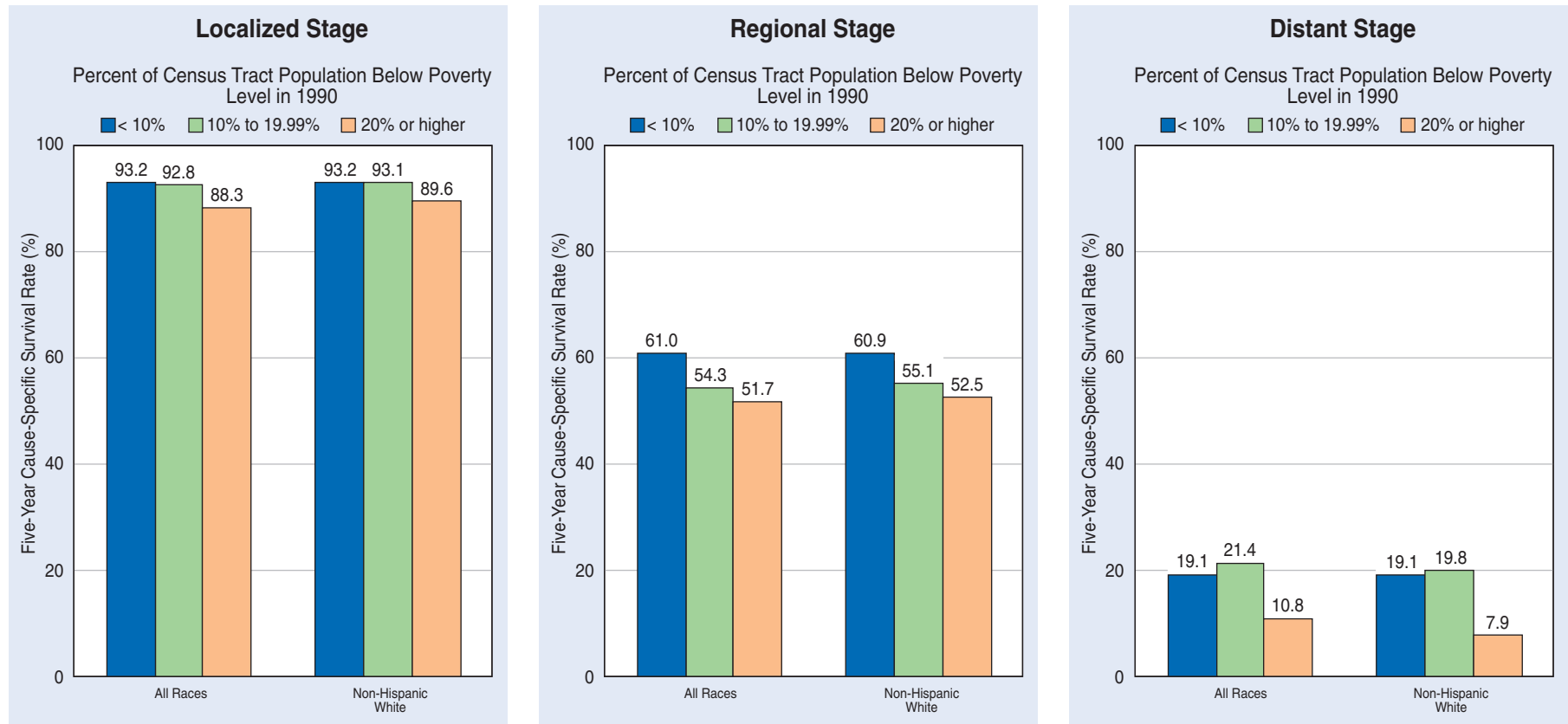


Figure 6.22. SEER Cancer Survival Among Women, Melanoma of the Skin, 1988–1994 Patient Cohort



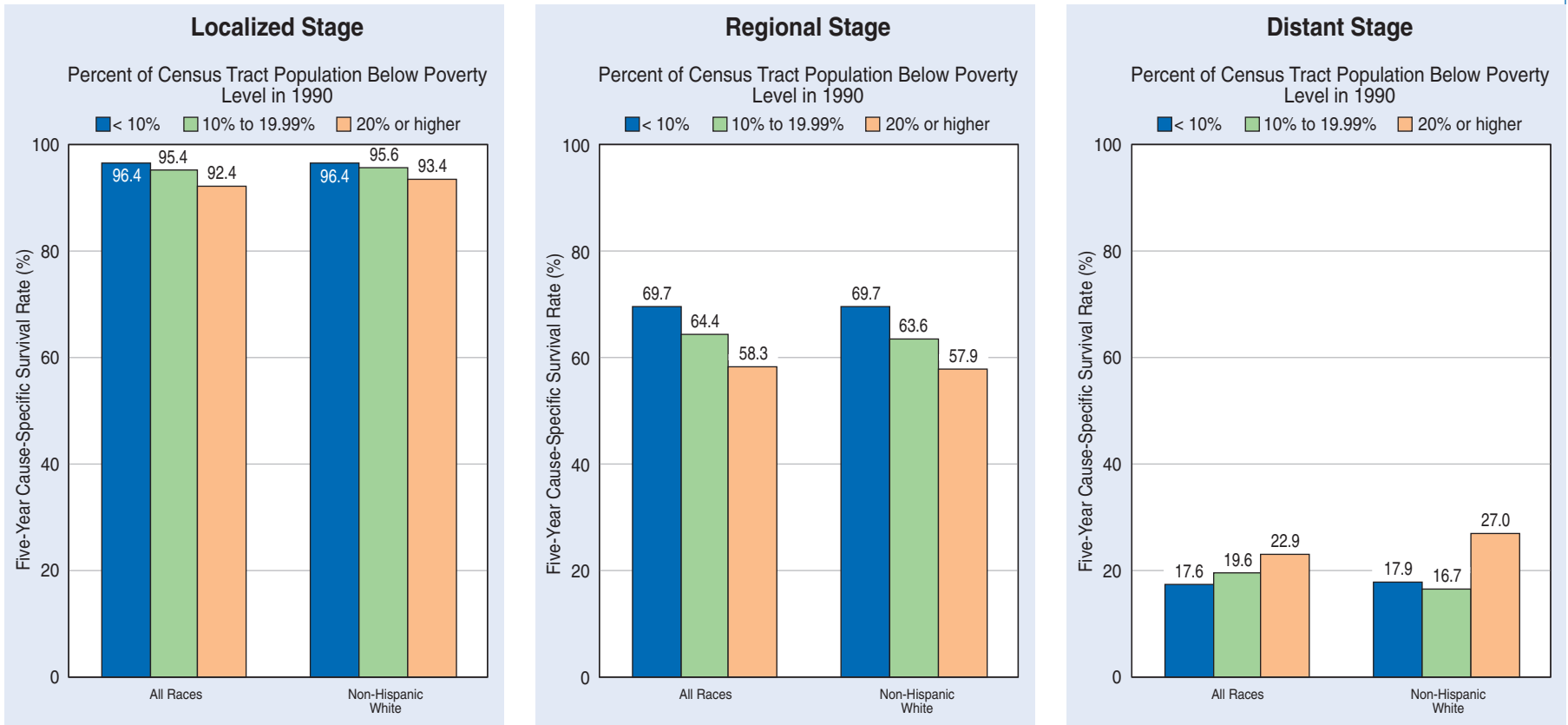
Note: Based on data from 11 SEER registries. See “Data and Methods” for a list of SEER registries.

Figure 6.23. SEER Cancer Survival Among Men, Melanoma of the Skin, by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Figure 6.24. SEER Cancer Survival Among Women, Melanoma of the Skin, by Stage, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort



Note: Based on data from 11 SEER registries. Stage data for the Los Angeles registry from 1988 to 1991 were not available. See “Data and Methods” for a list of SEER registries.

Table 6.1. SEER Site-Specific Five-Year Cause-Specific Cancer Survival Rates (%) and Standard Errors (SE) by Sex, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort: 11 SEER Registration Areas

	Percent of Census Tract Population Below Poverty Level in 1990								
	< 10%			10% to 19.99%			20% or higher		
	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE
All Cancers, Male									
All Races	279,061	60.95	0.10	98,473	54.95	0.17	64,881	48.98	0.21
Non-Hispanic White	244,994	61.48	0.10	74,143	55.98	0.20	27,025	51.70	0.33
Black	8,487	57.54	0.56	10,155	51.15	0.53	24,552	45.28	0.34
American Indian	243	38.03	3.37	242	46.17	3.41	508	42.06	2.34
Asian/Pacific Islander	14,619	54.85	0.43	5,600	47.85	0.70	3,794	43.68	0.85
Hispanic	9,933	59.92	0.52	8,209	55.35	0.59	9,063	53.84	0.57
All Cancers, Female									
All Races	254,798	63.39	0.10	88,955	58.16	0.17	54,394	53.11	0.23
Non-Hispanic White	222,281	63.31	0.11	66,709	58.43	0.20	22,196	54.50	0.35
Black	7,068	58.49	0.61	8,303	51.97	0.57	19,190	47.79	0.38
American Indian	221	44.13	3.46	231	46.40	3.42	543	53.17	2.21
Asian/Pacific Islander	14,528	65.84	0.40	5,225	60.65	0.70	3,280	56.12	0.90
Hispanic	9,963	64.69	0.49	8,357	60.79	0.55	9,250	59.58	0.53
Lung, Male									
All Races	39,387	16.77	0.21	15,994	14.14	0.31	11,860	12.14	0.35
Non-Hispanic White	34,853	16.80	0.22	12,304	14.14	0.35	5,138	12.10	0.53
Black	1,266	15.47	1.12	1,795	13.88	0.91	5,059	11.90	0.53
American Indian	51	9.77	4.52	40	6.96	4.50	43	13.97	5.90
Asian/Pacific Islander	2,104	17.75	0.91	972	14.30	1.24	661	11.78	1.37
Hispanic	1,011	16.36	1.30	868	14.81	1.37	967	14.33	1.31
Lung, Female									
All Races	28,067	20.75	0.26	10,162	17.71	0.42	6,446	16.37	0.51
Non-Hispanic White	25,399	20.72	0.28	8,087	17.65	0.47	2,980	16.45	0.75
Black	696	24.83	1.79	1,010	18.15	1.36	2,594	15.80	0.81
American Indian	33	6.82	4.63	29	11.18	6.25	20	30.45	10.94
Asian/Pacific Islander	1,144	20.72	1.30	470	15.84	1.83	309	15.84	2.26
Hispanic	712	19.03	1.59	548	19.35	1.82	548	18.71	1.85
Colorectal, Male									
All Races	30,943	63.85	0.29	10,739	60.09	0.50	6,399	56.09	0.67
Non-Hispanic White	26,716	63.92	0.31	8,171	60.35	0.58	2,753	57.64	1.02
Black	837	57.60	1.78	999	55.43	1.66	2,246	52.52	1.13
American Indian	32	52.12	9.01	29	57.27	9.37	50	65.72	7.00
Asian/Pacific Islander	2,243	67.43	1.04	730	64.86	1.86	515	58.83	2.29
Hispanic	1,035	60.28	1.58	803	58.25	1.84	844	58.35	1.82
Colorectal, Female									
All Races	28,632	63.68	0.30	11,103	59.46	0.49	6,624	57.50	0.65
Non-Hispanic White	24,975	63.69	0.32	8,623	59.46	0.56	2,857	58.91	0.99
Black	869	56.66	1.76	1,110	57.61	1.57	2,552	55.26	1.05
American Indian	~	~	~	20	46.27	11.69	35	57.18	8.71
Asian/Pacific Islander	1,743	68.18	1.15	580	64.87	2.07	464	62.68	2.36
Hispanic	948	61.04	1.65	748	58.13	1.89	720	56.78	1.96
Prostate									
All Races	88,589	89.11	0.11	28,768	85.98	0.22	18,008	82.23	0.31
Non-Hispanic White	85,457	89.17	0.11	26,619	86.05	0.23	15,854	82.02	0.33
Black	3,142	85.77	0.65	3,530	82.90	0.67	8,274	79.45	0.48
American Indian	53	67.87	6.92	55	75.54	6.21	123	71.94	4.42
Asian/Pacific Islander	3,655	89.57	0.53	1,193	86.42	1.05	743	85.29	1.38
Hispanic	2,722	87.64	0.66	2,029	84.89	0.84	2,079	83.81	0.86
Breast, Female									
All Races	83,704	86.37	0.12	26,130	83.03	0.24	14,446	77.51	0.36
Non-Hispanic White	73,078	86.68	0.13	19,522	84.55	0.27	6,001	81.92	0.52
Black	2,475	76.41	0.88	2,587	73.17	0.90	5,293	71.66	0.65
American Indian	73	70.03	5.65	57	70.88	6.38	130	80.31	3.53
Asian/Pacific Islander	4,725	87.83	0.49	1,500	86.90	0.89	740	81.10	1.49
Hispanic	3,112	84.51	0.67	2,436	79.40	0.85	2,295	77.97	0.89
Cervix									
All Races	5,782	79.07	0.56	2,875	75.58	0.84	2,969	72.56	0.87
Non-Hispanic White	4,298	79.26	0.65	1,577	74.76	1.15	700	69.96	1.81
Black	307	71.91	2.70	341	67.02	2.66	907	65.16	1.70
American Indian	~	~	~	~	~	~	35	55.15	9.08
Asian/Pacific Islander	612	79.57	1.71	282	81.17	2.41	211	71.52	3.20
Hispanic	547	80.60	1.77	662	79.28	1.68	1,130	81.04	1.25
Melanoma of the Skin, Male									
All Races	10,145	86.00	0.36	2,334	82.24	0.83	822	74.56	1.61
Non-Hispanic White	9,884	86.14	0.36	2,211	82.72	0.84	704	76.91	1.68
Black	23	75.42	9.62	~	~	~	34	55.13	8.95
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	50	71.36	6.49	16	74.75	10.93	~	~	~
Hispanic	127	81.91	3.59	84	71.18	5.22	65	69.48	5.86
Melanoma of the Skin, Female									
All Races	8,362	91.73	0.31	2,071	88.13	0.74	702	84.11	1.45
Non-Hispanic White	8,016	91.83	0.32	1,912	88.74	0.75	544	85.36	1.58
Black	25	100.00	0.00	~	~	~	35	65.61	8.53
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	58	90.95	3.87	15	85.66	9.41	~	~	~
Hispanic	189	85.49	2.64	111	80.44	3.84	103	85.09	3.83

Note: ~ Counts or rates are suppressed if based on fewer than 16 cases.

Table 6.2. SEER Site-Specific Five-Year Cause-Specific Cancer Survival Rates (%) and Standard Errors (SE) for Localized-Stage Cancers by Sex, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort: 11 SEER Registration Areas

	Percent of Census Tract Population Below Poverty Level in 1990								
	< 10%			10% to 19.99%			20% or higher		
	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE
Lung, Male									
All Races	5,009	52.18	1.51	1,804	47.38	2.53	1,179	39.31	3.14
Non-Hispanic White	4,487	52.27	1.60	1,441	47.55	2.84	560	40.20	4.61
Black	140	49.72	9.11	193	46.05	7.63	476	39.93	4.96
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	270	54.44	6.50	91	50.28	11.43	53	43.76	14.21
Hispanic	105	46.09	10.30	68	45.93	13.11	85	26.36	10.71
Lung, Female									
All Races	4,048	60.25	1.61	1,305	53.46	2.94	766	49.59	3.84
Non-Hispanic White	3,703	60.07	1.68	1,091	53.89	3.21	397	50.79	5.30
Black	108	64.74	9.36	114	52.39	10.13	285	48.91	6.32
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	137	60.34	8.71	46	54.81	15.05	29	52.08	19.22
Hispanic	94	63.72	10.47	51	45.78	15.39	53	42.83	14.98
Colorectal, Male									
All Races	10,828	90.14	0.61	3,436	87.97	1.19	1,832	85.30	1.77
Non-Hispanic White	9,430	90.26	0.65	2,728	88.22	1.33	877	84.60	2.63
Black	230	85.83	4.81	264	85.41	4.65	615	84.05	3.16
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	849	91.28	2.04	241	89.03	4.24	128	89.29	5.88
Hispanic	296	86.37	4.12	198	85.78	5.30	199	89.00	4.66
Colorectal, Female									
All Races	9,556	90.33	0.63	3,252	88.11	1.19	1,895	86.21	1.68
Non-Hispanic White	8,393	90.37	0.68	2,626	88.16	1.32	898	86.63	2.42
Black	248	89.46	4.08	287	84.84	4.43	706	85.97	2.77
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	626	92.10	2.21	150	90.60	4.97	125	89.96	5.51
Hispanic	267	85.47	4.42	180	90.79	4.55	156	83.33	6.23
Prostate (Localized+Regional)									
All Races	63,651	94.79	0.18	19,554	93.46	0.38	11,347	92.13	0.54
Non-Hispanic White	56,947	94.82	0.19	15,298	93.51	0.42	4,636	93.27	0.79
Black	2,075	93.67	1.12	2,158	92.82	1.17	4,933	90.38	0.90
American Indian	33	85.78	13.23	45	82.45	12.12	87	87.61	7.80
Asian/Pacific Islander	2,716	95.28	0.85	803	94.70	1.66	417	95.62	2.15
Hispanic	1,767	95.34	1.04	1,239	93.82	1.44	1,290	93.87	1.41
Breast, Female									
All Races	46,723	95.37	0.20	13,130	93.98	0.43	6,363	92.73	0.68
Non-Hispanic White	41,456	95.47	0.21	10,394	94.52	0.46	3,030	94.35	0.87
Black	1,101	90.22	1.85	1,084	88.52	1.99	2,198	90.16	1.32
American Indian	35	87.63	11.59	25	91.38	11.67	63	95.19	5.42
Asian/Pacific Islander	2,681	96.78	0.70	719	96.39	1.42	314	94.10	2.78
Hispanic	1,394	93.61	1.35	905	92.43	1.81	763	93.08	1.89
Cervix									
All Races	2,922	94.18	0.89	1,235	93.12	1.49	1,004	92.62	1.71
Non-Hispanic White	2,264	94.41	0.99	766	93.53	1.83	297	94.54	2.75
Black	141	90.96	4.99	122	92.19	5.00	286	88.67	3.91
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	285	92.99	3.10	113	94.49	4.38	61	93.36	6.42
Hispanic	231	95.40	2.84	229	91.36	3.90	353	94.17	2.60
Melanoma of the Skin, Male									
All Races	7,213	93.22	0.61	1,497	92.81	1.39	509	88.28	3.01
Non-Hispanic White	7,075	93.24	0.62	1,440	93.13	1.39	459	89.59	3.01
Black	~	~	~	~	~	~	~	~	~
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	~	~	~	~	~	~	~	~	~
Hispanic	63	91.39	7.37	34	79.96	14.71	35	85.10	12.33
Melanoma of the Skin, Female									
All Races	6,369	96.41	0.48	1,486	95.40	1.13	470	92.38	2.56
Non-Hispanic White	6,151	96.44	0.49	1,403	95.58	1.14	387	93.37	2.62
Black	~	~	~	~	~	~	~	~	~
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	~	~	~	~	~	~	~	~	~
Hispanic	122	93.81	4.54	60	93.23	6.53	54	87.50	9.56

Note: ~ Counts or rates are suppressed if based on fewer than 16 cases.

Table 6.3. SEER Site-Specific Five-Year Cause-Specific Cancer Survival Rates (%) and Standard Errors (SE) for Regional-Stage Cancers by Sex, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort: 11 SEER Registration Areas

	Percent of Census Tract Population Below Poverty Level in 1990								
	< 10%			10% to 19.99%			20% or higher		
	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE
Lung, Male									
All Races	8,757	23.11	0.97	3,096	19.64	1.56	2,276	15.95	1.70
Non-Hispanic White	7,787	23.19	1.04	2,423	19.79	1.78	1,000	17.19	2.61
Black	255	22.59	5.52	356	18.37	4.39	1,022	15.34	2.54
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	505	23.20	3.99	196	18.84	6.09	113	8.60	5.64
Hispanic	195	20.64	6.41	114	22.60	8.51	132	18.77	7.48
Lung, Female									
All Races	5,706	27.55	1.26	1,860	23.12	2.08	1,149	23.22	2.71
Non-Hispanic White	5,162	27.45	1.32	1,500	22.30	2.29	518	24.31	4.06
Black	149	30.30	8.29	180	24.06	6.79	502	21.47	4.03
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	244	32.12	6.30	86	23.52	9.70	40	19.55	13.94
Hispanic	138	20.07	7.13	90	32.90	10.27	87	26.49	10.17
Colorectal, Male									
All Races	10,058	64.75	1.01	3,380	62.41	1.77	1,815	58.77	2.47
Non-Hispanic White	8,738	64.79	1.08	2,664	62.17	2.00	826	61.47	3.64
Black	265	62.05	6.25	285	60.25	6.10	603	54.45	4.32
American Indian	~	~	~	~	~	~	19	68.97	23.41
Asian/Pacific Islander	737	67.03	3.65	222	67.90	6.49	156	55.74	8.35
Hispanic	301	62.11	5.79	200	61.01	7.23	214	62.89	6.98
Colorectal, Female									
All Races	9,783	66.39	1.00	3,750	63.09	1.66	1,946	60.93	2.36
Non-Hispanic White	8,594	66.30	1.07	3,002	63.22	1.86	891	61.11	3.51
Black	261	62.04	6.31	328	63.43	5.60	712	59.93	3.90
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	644	68.78	3.76	202	69.42	6.72	129	68.41	8.65
Hispanic	278	68.69	5.79	207	54.56	7.28	204	58.78	7.32
Breast, Female									
All Races	21,848	79.58	0.56	6,831	76.32	1.07	3,972	71.22	1.50
Non-Hispanic White	19,026	79.97	0.60	5,065	78.06	1.21	1,612	77.25	2.20
Black	736	69.38	3.50	732	65.98	3.62	1,589	64.10	2.52
American Indian	31	50.86	18.84	17	60.74	25.11	50	69.89	13.01
Asian/Pacific Islander	1,226	80.27	2.33	398	78.91	4.23	159	70.08	7.49
Hispanic	813	80.07	2.87	628	73.36	3.63	567	74.33	3.80
Cervix									
All Races	1,548	60.55	2.65	781	58.95	3.75	824	56.14	3.75
Non-Hispanic White	1,141	59.86	3.08	441	57.17	5.04	218	47.93	7.18
Black	88	50.30	11.45	99	45.82	10.51	296	52.47	6.46
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	188	67.21	7.31	96	70.27	9.81	74	58.62	12.32
Hispanic	128	63.61	9.18	142	66.15	8.49	224	70.20	6.65
Melanoma of the Skin, Male									
All Races	797	60.99	3.63	243	54.28	6.83	93	51.71	11.10
Non-Hispanic White	775	60.89	3.69	229	55.13	7.04	72	52.48	12.95
Black	~	~	~	~	~	~	~	~	~
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	~	~	~	~	~	~	~	~	~
Hispanic	~	~	~	~	~	~	~	~	~
Melanoma of the Skin, Female									
All Races	494	69.71	4.35	158	64.38	8.20	68	58.28	13.20
Non-Hispanic White	472	69.72	4.45	145	63.56	8.60	48	57.91	15.33
Black	~	~	~	~	~	~	~	~	~
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	~	~	~	~	~	~	~	~	~
Hispanic	16	64.65	25.68	~	~	~	~	~	~

Note: ~ Counts or rates are suppressed if based on fewer than 16 cases.

Table 6.4. SEER Site-Specific Five-Year Cause-Specific Cancer Survival Rates (%) and Standard Errors (SE) for Distant-Stage Cancers by Sex, Race/Ethnicity, and Census Tract Poverty Rate, 1988–1994 Patient Cohort: 11 SEER Registration Areas

	Percent of Census Tract Population Below Poverty Level in 1990								
	< 10%			10% to 19.99%			20% or higher		
	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE	# Cases	Rate (%)	SE
Lung, Male									
All Races	16,618	3.12	0.33	6,701	2.56	0.48	4,977	3.13	0.63
Non-Hispanic White	14,735	2.92	0.34	5,263	2.20	0.51	2,173	2.17	0.85
Black	552	3.35	1.86	747	3.52	1.64	2,235	3.20	0.96
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	904	5.31	1.76	381	4.97	2.61	234	4.36	2.97
Hispanic	383	5.05	2.67	304	3.13	2.60	325	7.83	3.51
Lung, Female									
All Races	11,508	4.34	0.45	4,098	4.06	0.74	2,740	3.04	0.83
Non-Hispanic White	10,420	4.23	0.46	3,278	4.00	0.82	1,267	2.18	1.02
Black	274	6.06	3.54	406	5.87	2.84	1,157	3.87	1.44
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	515	5.77	2.46	221	1.64	2.20	127	1.25	2.45
Hispanic	270	4.79	3.01	179	4.84	3.86	181	5.81	4.37
Colorectal, Male									
All Races	5,363	9.54	0.89	1,876	7.48	1.35	1,273	9.16	1.89
Non-Hispanic White	4,676	9.56	0.95	1,439	7.05	1.50	552	8.42	2.79
Black	160	7.78	4.80	196	6.78	4.02	497	8.80	2.93
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	355	10.78	3.63	117	9.91	6.15	76	9.81	7.67
Hispanic	165	7.77	4.69	119	9.45	6.11	143	14.11	6.81
Colorectal, Female									
All Races	4,795	10.51	0.98	1,872	9.46	1.52	1,193	10.73	2.05
Non-Hispanic White	4,232	10.55	1.04	1,479	8.88	1.66	495	11.82	3.30
Black	181	5.26	3.58	200	11.03	5.22	523	8.49	2.82
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	229	12.53	4.86	90	8.74	7.11	63	8.63	8.30
Hispanic	144	13.90	6.35	99	13.77	7.27	110	17.58	8.18
Prostate									
All Races	6,564	37.76	1.33	2,583	34.68	2.11	2,146	31.20	2.28
Non-Hispanic White	5,619	36.43	1.43	1,880	35.15	2.49	663	29.58	4.04
Black	323	41.43	5.99	386	28.96	5.10	1,167	30.74	3.12
American Indian	~	~	~	~	~	~	23	21.30	20.02
Asian/Pacific Islander	405	52.21	5.41	146	45.43	9.15	89	40.60	11.44
Hispanic	197	38.61	7.66	164	32.50	8.17	204	35.42	7.39
Breast, Female									
All Races	3,843	24.79	1.49	1,369	24.73	2.52	1,045	21.11	2.71
Non-Hispanic White	3,352	24.91	1.60	1,009	25.36	2.97	417	23.46	4.52
Black	161	16.61	6.47	188	21.15	6.28	458	17.40	3.77
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	196	25.79	6.62	56	24.00	12.73	38	15.85	12.61
Hispanic	122	29.52	8.70	115	27.12	8.94	124	26.71	8.48
Cervix									
All Races	350	22.75	5.19	171	16.06	6.88	171	15.75	6.44
Non-Hispanic White	268	25.08	6.13	115	15.74	7.83	46	13.44	11.41
Black	21	8.64	15.77	~	~	~	73	7.90	7.44
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	27	14.61	15.14	~	~	~	~	~	~
Hispanic	33	21.37	16.15	21	20.40	25.94	34	33.92	18.84
Melanoma of the Skin, Male									
All Races	349	19.09	4.68	113	21.39	8.82	53	10.78	9.72
Non-Hispanic White	333	19.08	4.78	101	19.79	8.92	41	7.87	9.91
Black	~	~	~	~	~	~	~	~	~
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	~	~	~	~	~	~	~	~	~
Hispanic	~	~	~	~	~	~	~	~	~
Melanoma of the Skin, Female									
All Races	195	17.60	6.08	65	19.56	11.67	30	22.91	17.61
Non-Hispanic White	180	17.92	6.38	60	16.71	11.77	21	27.00	20.91
Black	~	~	~	~	~	~	~	~	~
American Indian	~	~	~	~	~	~	~	~	~
Asian/Pacific Islander	~	~	~	~	~	~	~	~	~
Hispanic	~	~	~	~	~	~	~	~	~

Note: ~ Counts or rates are suppressed if based on fewer than 16 cases.