

Table A.1

Number of Incidence Cases, 2009-2013

By Primary Cancer Site, Race and Sex
18 SEER Geographic Areas

Site	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	51,827	36,422	15,405	42,829	30,347	12,482	4,562	3,168	1,394
Esophagus	19,680	15,362	4,318	16,594	13,186	3,408	2,047	1,405	642
Stomach	33,174	20,128	13,046	23,557	14,770	8,787	4,523	2,518	2,005
Colon & Rectum	185,758	96,153	89,605	144,783	75,264	69,519	22,721	11,298	11,423
Colon	130,497	64,411	66,086	102,189	50,610	51,579	16,642	7,997	8,645
Rectum	55,261	31,742	23,519	42,594	24,654	17,940	6,079	3,301	2,778
Liver & IBD ^a	39,909	28,828	11,081	28,272	20,506	7,766	5,111	3,775	1,336
Pancreas	56,166	28,421	27,745	44,853	22,985	21,868	6,719	3,214	3,505
Larynx	14,741	11,883	2,858	11,868	9,553	2,315	2,198	1,753	445
Lung & Bronchus	256,350	134,424	121,926	210,932	109,171	101,761	28,443	15,824	12,619
Melanoma of the skin	98,302	58,021	40,281	92,036	54,697	37,339	468	208	260
Breast	306,665	2,367	304,298	244,436	1,895	242,541	33,767	343	33,424
Cervix uteri	16,833	-	16,833	12,523	-	12,523	2,379	-	2,379
Corpus & Uterus, NOS	63,931	-	63,931	51,151	-	51,151	6,568	-	6,568
Ovary ^b	29,012	-	29,012	23,823	-	23,823	2,536	-	2,536
Prostate	278,322	278,322	-	211,430	211,430	-	41,548	41,548	-
Testis	12,146	12,146	-	10,836	10,836	-	383	383	-
Urinary bladder	89,136	67,657	21,479	78,822	60,290	18,532	5,176	3,524	1,652
Kidney & Renal pelvis	71,374	45,143	26,231	58,092	36,917	21,175	8,542	5,206	3,336
Brain & ONS ^a	28,642	15,932	12,710	24,574	13,760	10,814	2,083	1,098	985
Thyroid	61,797	14,944	46,853	49,876	12,505	37,371	4,209	787	3,422
Hodgkin lymphoma	11,439	6,297	5,142	9,190	5,070	4,120	1,426	780	646
Non-Hodgkin lymphoma	87,411	48,011	39,400	72,804	40,128	32,676	6,878	3,714	3,164
Myeloma	29,198	16,358	12,840	21,310	12,370	8,940	5,817	2,893	2,924
Leukemia	59,935	34,622	25,313	50,050	29,115	20,935	4,848	2,630	2,218
Acute lymphocytic	7,284	4,055	3,229	5,995	3,343	2,652	566	316	250
Chronic lymphocytic	20,852	12,602	8,250	17,977	10,868	7,109	1,427	837	590
Acute myeloid	18,096	9,848	8,248	14,838	8,191	6,647	1,601	805	796
Chronic myeloid	7,765	4,537	3,228	6,270	3,692	2,578	757	396	361
All others	5,938	3,580	2,358	4,970	3,021	1,949	497	276	221
Kaposi Sarcoma	2,233	2,013	220	1,436	1,279	157	585	545	40
Mesothelioma	4,238	3,248	990	3,862	2,974	888	220	157	63
All Sites	2,040,923	1,039,955	1,000,968	1,648,005	840,937	807,068	217,460	112,919	104,541

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).

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

^b Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

- Count not shown due to fewer than 16 cases during the time period.

Table A.1

Number of Incidence Cases, 2009-2013

By Primary Cancer Site, Race and Sex
18 SEER Geographic Areas

Site	Asian/Pacific Islander			American Indian/Alaska Native ^a			Hispanic ^b		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	3,416	2,234	1,182	259	173	86	4,070	2,783	1,287
Esophagus	839	629	210	83	62	21	1,493	1,192	301
Stomach	4,543	2,535	2,008	254	145	109	5,892	3,294	2,598
Colon & Rectum	14,989	7,833	7,156	1,056	545	511	19,502	10,475	9,027
Colon	9,686	4,791	4,895	711	343	368	13,037	6,670	6,367
Rectum	5,303	3,042	2,261	345	202	143	6,465	3,805	2,660
Liver & IBD ^c	5,832	4,051	1,781	358	246	112	7,520	5,371	2,149
Pancreas	4,106	1,957	2,149	238	123	115	5,696	2,764	2,932
Larynx	496	425	71	57	46	-	1,185	1,028	157
Lung & Bronchus	15,062	8,400	6,662	914	490	424	14,644	7,683	6,961
Melanoma of the skin	571	301	270	127	57	70	2,837	1,275	1,562
Breast	24,347	101	24,246	1,272	-	1,266	32,120	146	31,974
Cervix uteri	1,536	-	1,536	129	-	129	3,692	-	3,692
Corpus & Uterus, NOS	5,195	-	5,195	347	-	347	7,422	-	7,422
Ovary ^d	2,299	-	2,299	158	-	158	3,692	-	3,692
Prostate	12,941	12,941	-	719	719	-	25,566	25,566	-
Testis	486	486	-	97	97	-	2,833	2,833	-
Urinary bladder	3,536	2,628	908	184	138	46	5,406	3,999	1,407
Kidney & Renal pelvis	3,568	2,278	1,290	522	316	206	9,341	5,555	3,786
Brain & ONS ^c	1,614	874	740	105	64	41	3,716	2,057	1,659
Thyroid	6,332	1,365	4,967	280	57	223	9,421	1,767	7,654
Hodgkin lymphoma	605	325	280	38	22	16	1,933	1,069	864
Non-Hodgkin lymphoma	5,733	3,081	2,652	337	172	165	10,513	5,659	4,854
Myeloma	1,580	851	729	122	58	64	3,265	1,810	1,455
Leukemia	3,281	1,827	1,454	252	134	118	7,652	4,280	3,372
Acute lymphocytic	557	305	252	59	29	30	2,595	1,438	1,157
Chronic lymphocytic	469	300	169	37	19	18	1,067	618	449
Acute myeloid	1,434	732	702	79	41	38	2,321	1,230	1,091
Chronic myeloid	504	313	191	48	24	24	980	579	401
All others	317	177	140	29	21	-	689	415	274
Kaposi Sarcoma	86	80	-	-	-	-	508	448	60
Mesothelioma	129	94	35	-	-	-	419	306	113
All Sites	131,404	59,188	72,216	8,608	3,992	4,616	205,991	98,610	107,381

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).

^a Incidence data for American Indian/Alaska Native 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.

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

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

^e Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

- Count not shown due to fewer than 16 cases during the time period.

Table A.2

Standard Errors of Incidence Rates, 2009-2013

By Primary Cancer Site, Race and Sex
18 SEER Geographic Areas

Site	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	0.05	0.09	0.05	0.06	0.10	0.06	0.14	0.27	0.14
Esophagus	0.03	0.06	0.03	0.04	0.07	0.03	0.10	0.21	0.10
Stomach	0.04	0.07	0.05	0.04	0.08	0.05	0.16	0.30	0.19
Colon & Rectum	0.10	0.16	0.12	0.11	0.17	0.14	0.35	0.60	0.43
Colon	0.08	0.13	0.10	0.09	0.14	0.12	0.31	0.52	0.38
Rectum	0.05	0.09	0.06	0.06	0.10	0.07	0.17	0.30	0.20
Liver & IBD ^a	0.04	0.08	0.04	0.05	0.08	0.05	0.15	0.28	0.14
Pancreas	0.05	0.09	0.07	0.06	0.10	0.07	0.20	0.33	0.25
Larynx	0.03	0.05	0.02	0.03	0.06	0.03	0.10	0.22	0.08
Lung & Bronchus	0.11	0.19	0.14	0.13	0.21	0.16	0.40	0.75	0.46
Melanoma of the skin	0.07	0.12	0.09	0.09	0.15	0.11	0.05	0.08	0.06
Breast	0.12	0.02	0.23	0.14	0.03	0.27	0.40	0.11	0.70
Cervix uteri	0.03	-	0.06	0.03	-	0.07	0.10	-	0.18
Corpus & Uterus, NOS	0.05	-	0.10	0.06	-	0.12	0.18	-	0.31
Ovary ^b	0.04	-	0.07	0.04	-	0.08	0.11	-	0.20
Prostate	0.11	0.25	-	0.12	0.27	-	0.44	1.07	-
Testis	0.03	0.05	-	0.03	0.07	-	0.04	0.08	-
Urinary bladder	0.07	0.14	0.06	0.08	0.16	0.07	0.18	0.39	0.17
Kidney & Renal pelvis	0.06	0.10	0.07	0.07	0.12	0.08	0.20	0.37	0.23
Brain & ONS ^a	0.04	0.06	0.05	0.05	0.07	0.06	0.09	0.16	0.12
Thyroid	0.06	0.06	0.10	0.07	0.07	0.12	0.13	0.13	0.21
Hodgkin lymphoma	0.02	0.04	0.03	0.03	0.04	0.04	0.07	0.11	0.09
Non-Hodgkin lymphoma	0.07	0.11	0.08	0.08	0.13	0.10	0.18	0.31	0.22
Myeloma	0.04	0.07	0.05	0.04	0.07	0.05	0.18	0.31	0.22
Leukemia	0.06	0.10	0.07	0.06	0.11	0.08	0.16	0.29	0.19
Acute lymphocytic	0.02	0.03	0.03	0.02	0.04	0.03	0.04	0.07	0.06
Chronic lymphocytic	0.03	0.06	0.04	0.04	0.07	0.04	0.09	0.18	0.10
Acute myeloid	0.03	0.05	0.04	0.04	0.06	0.04	0.09	0.17	0.11
Chronic myeloid	0.02	0.03	0.02	0.02	0.04	0.03	0.06	0.10	0.07
All others	0.02	0.03	0.02	0.02	0.04	0.02	0.05	0.10	0.06
Kaposi Sarcoma	0.01	0.02	0.01	0.01	0.02	0.01	0.05	0.10	0.02
Mesothelioma	0.02	0.03	0.01	0.02	0.04	0.02	0.04	0.08	0.03
All Sites	0.32	0.51	0.42	0.36	0.57	0.48	1.05	1.83	1.27

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).

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Site	Asian/Pacific Islander			American Indian/Alaska Native ^a			Hispanic ^b		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	0.13	0.24	0.14	0.60	1.11	0.64	0.11	0.21	0.12
Esophagus	0.07	0.14	0.06	0.35	0.71	0.33	0.08	0.15	0.06
Stomach	0.17	0.29	0.19	0.70	1.24	0.80	0.15	0.26	0.17
Colon & Rectum	0.29	0.48	0.36	1.34	2.20	1.70	0.26	0.44	0.32
Colon	0.24	0.38	0.30	1.15	1.87	1.49	0.22	0.37	0.28
Rectum	0.17	0.29	0.20	0.69	1.16	0.83	0.14	0.25	0.16
Liver & IBD ^c	0.18	0.34	0.18	0.73	1.30	0.80	0.16	0.29	0.16
Pancreas	0.16	0.26	0.20	0.67	1.09	0.84	0.15	0.24	0.20
Larynx	0.05	0.12	0.04	0.30	0.64	-	0.07	0.15	0.04
Lung & Bronchus	0.30	0.54	0.35	1.37	2.40	1.62	0.26	0.45	0.31
Melanoma of the skin	0.06	0.10	0.07	0.41	0.61	0.57	0.09	0.15	0.12
Breast	0.35	0.06	0.63	1.29	-	2.37	0.29	0.06	0.54
Cervix uteri	0.09	-	0.16	0.37	-	0.70	0.08	-	0.16
Corpus & Uterus, NOS	0.16	-	0.29	0.64	-	1.18	0.14	-	0.26
Ovary ^d	0.11	-	0.20	0.48	-	0.86	0.10	-	0.18
Prostate	0.27	0.62	-	1.12	2.58	-	0.31	0.71	-
Testis	0.05	0.09	-	0.26	0.51	-	0.05	0.10	-
Urinary bladder	0.15	0.31	0.13	0.64	1.35	0.54	0.16	0.33	0.14
Kidney & Renal pelvis	0.14	0.25	0.15	0.87	1.54	0.97	0.17	0.30	0.20
Brain & ONS ^c	0.09	0.15	0.12	0.34	0.54	0.41	0.09	0.14	0.11
Thyroid	0.17	0.18	0.29	0.55	0.49	0.94	0.13	0.13	0.22
Hodgkin lymphoma	0.05	0.08	0.07	0.21	0.36	0.25	0.06	0.09	0.07
Non-Hodgkin lymphoma	0.18	0.31	0.22	0.75	1.25	0.94	0.19	0.31	0.23
Myeloma	0.10	0.17	0.11	0.48	0.76	0.63	0.11	0.19	0.13
Leukemia	0.14	0.23	0.17	0.57	0.97	0.70	0.13	0.23	0.16
Acute lymphocytic	0.06	0.08	0.07	0.20	0.28	0.29	0.05	0.08	0.07
Chronic lymphocytic	0.05	0.10	0.06	0.25	0.44	0.31	0.07	0.12	0.08
Acute myeloid	0.09	0.15	0.11	0.34	0.55	0.43	0.08	0.14	0.10
Chronic myeloid	0.05	0.09	0.06	0.22	0.38	0.28	0.05	0.09	0.06
All others	0.04	0.08	0.05	0.23	0.47	-	0.05	0.08	0.05
Kaposi Sarcoma	0.02	0.04	-	-	-	-	0.03	0.06	0.03
Mesothelioma	0.03	0.06	0.03	-	-	-	0.04	0.09	0.04
All Sites	0.85	1.34	1.12	3.69	5.94	4.79	0.81	1.34	1.03

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).

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

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

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

- Statistic could not be calculated due to fewer than 16 cases during the time period.

Table A.3

Number of Deaths, 2009-2013

By Primary Cancer Site, Race and Sex
United States

Site	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	42,827	29,900	12,927	35,902	24,887	11,015	5,252	3,889	1,363
Esophagus	72,182	57,387	14,795	63,814	51,293	12,521	6,842	4,944	1,898
Stomach	56,061	33,316	22,745	41,727	24,975	16,752	9,904	5,858	4,046
Colon & Rectum	259,005	134,779	124,226	215,635	112,501	103,134	34,437	17,662	16,775
Liver & IBD ^a	108,268	73,181	35,087	85,051	57,094	27,957	15,168	10,690	4,478
Pancreas	187,653	95,022	92,631	159,369	81,650	77,719	22,238	10,481	11,757
Larynx	18,444	14,685	3,759	14,971	11,867	3,104	3,121	2,517	604
Lung & Bronchus	786,881	434,475	352,406	683,360	374,289	309,071	83,278	48,668	34,610
Melanoma of the skin	46,126	30,247	15,879	45,099	29,734	15,365	683	333	350
Breast	206,764	2,151	204,613	170,300	1,768	168,532	30,688	343	30,345
Cervix uteri	20,231	-	20,231	15,217	-	15,217	4,045	-	4,045
Corpus & Uterus, NOS	42,992	-	42,992	33,767	-	33,767	7,813	-	7,813
Ovary	72,034	-	72,034	63,303	-	63,303	6,445	-	6,445
Prostate	139,543	139,543	-	113,319	113,319	-	23,428	23,428	-
Testis	1,924	1,924	-	1,780	1,780	-	96	96	-
Urinary bladder	74,947	53,244	21,703	68,197	49,216	18,981	5,465	3,151	2,314
Kidney & Renal pelvis	67,197	43,128	24,069	59,072	38,081	20,991	6,261	3,841	2,420
Brain & ONS ^a	73,450	41,120	32,330	66,952	37,602	29,350	4,605	2,477	2,128
Thyroid	8,680	3,854	4,826	7,347	3,394	3,953	829	271	558
Hodgkin lymphoma	5,869	3,363	2,506	5,127	2,929	2,198	624	356	268
Non-Hodgkin lymphoma	101,501	55,948	45,553	91,077	50,298	40,779	7,344	3,992	3,352
Myeloma	56,745	30,633	26,112	45,430	25,054	20,376	9,955	4,831	5,124
Leukemia	115,413	66,240	49,173	102,461	59,242	43,219	9,649	5,162	4,487
Acute lymphocytic	7,124	3,984	3,140	6,185	3,455	2,730	613	339	274
Chronic lymphocytic	22,906	13,793	9,113	20,827	12,544	8,283	1,856	1,101	755
Acute myeloid	47,059	26,776	20,283	41,678	23,979	17,699	3,641	1,875	1,766
Chronic myeloid	5,119	2,854	2,265	4,400	2,454	1,946	559	307	252
All others	33,205	18,833	14,372	29,371	16,810	12,561	2,980	1,540	1,440
All Sites	2,886,516	1,513,232	1,373,284	2,465,998	1,297,761	1,168,237	332,717	170,478	162,239

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

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

- Count not shown due to fewer than 16 cases during the time period.

Table A.3

Number of Deaths, 2009-2013

By Primary Cancer Site, Race and Sex
United States

Site	Asian/Pacific Islander			American Indian/Alaska Native ^a			Hispanic ^b		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	1,452	971	481	160	115	45	2,155	1,555	600
Esophagus	1,203	909	294	232	164	68	3,057	2,478	579
Stomach	3,979	2,210	1,769	358	217	141	7,696	4,384	3,312
Colon & Rectum	7,386	3,813	3,573	1,141	588	553	16,356	9,183	7,173
Liver & IBD ^c	7,051	4,734	2,317	737	488	249	12,936	8,715	4,221
Pancreas	5,206	2,460	2,746	594	299	295	11,397	5,725	5,672
Larynx	256	229	27	61	47	-	1,073	943	130
Lung & Bronchus	16,479	9,458	7,021	2,477	1,330	1,147	25,393	15,519	9,874
Melanoma of the skin	247	119	128	71	47	24	1,119	645	474
Breast	4,927	36	4,891	591	-	588	12,308	90	12,218
Cervix uteri	789	-	789	143	-	143	2,474	-	2,474
Corpus & Uterus, NOS	1,229	-	1,229	141	-	141	2,912	-	2,912
Ovary	1,916	-	1,916	258	-	258	4,436	-	4,436
Prostate	2,181	2,181	-	423	423	-	7,773	7,773	-
Testis	27	27	-	19	19	-	382	382	-
Urinary bladder	1,075	731	344	131	92	39	2,794	1,928	866
Kidney & Renal pelvis	1,327	871	456	439	280	159	4,860	3,085	1,775
Brain & ONS ^c	1,585	867	718	205	122	83	4,794	2,635	2,159
Thyroid	460	170	290	32	-	19	792	315	477
Hodgkin lymphoma	102	66	36	-	-	-	643	397	246
Non-Hodgkin lymphoma	2,700	1,431	1,269	281	165	116	6,879	3,772	3,107
Myeloma	1,101	618	483	185	91	94	3,652	1,952	1,700
Leukemia	2,837	1,573	1,264	314	179	135	7,632	4,216	3,416
Acute lymphocytic	269	160	109	44	23	21	1,551	848	703
Chronic lymphocytic	168	112	56	32	23	-	593	337	256
Acute myeloid	1,527	806	721	140	74	66	2,931	1,577	1,354
Chronic myeloid	136	75	61	19	16	-	384	226	158
All others	737	420	317	79	43	36	2,173	1,228	945
All Sites	73,192	37,330	35,862	10,358	5,390	4,968	162,727	85,625	77,102

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

^a Mortality data for American Indian/Alaska Native 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.^c IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.

- Count not shown due to fewer than 16 cases during the time period.

Table A.4
Standard Errors of Death Rates, 2009-2013
By Primary Cancer Site, Race and Sex
United States

Site	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	0.01	0.02	0.01	0.01	0.02	0.01	0.04	0.09	0.04
Esophagus	0.02	0.03	0.01	0.02	0.03	0.01	0.05	0.10	0.04
Stomach	0.01	0.03	0.02	0.01	0.03	0.02	0.06	0.12	0.07
Colon & Rectum	0.03	0.05	0.04	0.03	0.05	0.04	0.12	0.21	0.13
Liver & IBD ^a	0.02	0.03	0.02	0.02	0.04	0.02	0.07	0.13	0.07
Pancreas	0.03	0.04	0.03	0.03	0.04	0.03	0.09	0.16	0.12
Larynx	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.07	0.02
Lung & Bronchus	0.05	0.09	0.06	0.06	0.10	0.07	0.18	0.34	0.19
Melanoma of the skin	0.01	0.02	0.01	0.01	0.03	0.02	0.02	0.03	0.02
Breast	0.03	0.01	0.05	0.03	0.01	0.05	0.10	0.03	0.17
Cervix uteri	0.01	-	0.02	0.01	-	0.02	0.04	-	0.06
Corpus & Uterus, NOS	0.01	-	0.02	0.01	-	0.02	0.05	-	0.09
Ovary	0.02	-	0.03	0.02	-	0.03	0.05	-	0.08
Prostate	0.02	0.06	-	0.02	0.06	-	0.11	0.30	-
Testis	0.00	0.01	-	0.00	0.01	-	0.01	0.01	-
Urinary bladder	0.02	0.03	0.01	0.02	0.04	0.02	0.05	0.10	0.05
Kidney & Renal pelvis	0.02	0.03	0.02	0.02	0.03	0.02	0.05	0.10	0.05
Brain & ONS ^a	0.02	0.03	0.02	0.02	0.03	0.02	0.04	0.07	0.05
Thyroid	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.02
Hodgkin lymphoma	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
Non-Hodgkin lymphoma	0.02	0.03	0.02	0.02	0.04	0.02	0.05	0.10	0.06
Myeloma	0.01	0.02	0.02	0.01	0.03	0.02	0.06	0.12	0.08
Leukemia	0.02	0.04	0.02	0.02	0.04	0.03	0.06	0.12	0.07
Acute lymphocytic	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.02
Chronic lymphocytic	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.06	0.03
Acute myeloid	0.01	0.02	0.02	0.01	0.03	0.02	0.04	0.07	0.04
Chronic myeloid	0.00	0.01	0.00	0.00	0.01	0.01	0.01	0.03	0.02
All others	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.07	0.04
All Sites	0.10	0.17	0.12	0.11	0.18	0.14	0.36	0.66	0.41

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

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

- Statistic could not be calculated due to fewer than 16 cases during the time period.

Table A.4
Standard Errors of Death Rates, 2009-2013
By Primary Cancer Site, Race and Sex
United States

Site	Asian/Pacific Islander			American Indian/Alaska Native ^a			Hispanic ^b		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	0.05	0.10	0.05	0.18	0.35	0.18	0.03	0.06	0.03
Esophagus	0.05	0.10	0.05	0.24	0.45	0.23	0.04	0.09	0.03
Stomach	0.09	0.17	0.11	0.30	0.56	0.33	0.06	0.12	0.07
Colon & Rectum	0.13	0.21	0.15	0.53	0.87	0.67	0.10	0.17	0.11
Liver & IBD ^c	0.12	0.22	0.13	0.41	0.72	0.45	0.08	0.15	0.09
Pancreas	0.11	0.18	0.14	0.38	0.61	0.49	0.08	0.14	0.11
Larynx	0.02	0.06	0.01	0.11	0.24	-	0.03	0.06	0.02
Lung & Bronchus	0.19	0.35	0.22	0.81	1.40	0.96	0.13	0.24	0.14
Melanoma of the skin	0.02	0.04	0.03	0.12	0.25	0.13	0.02	0.04	0.03
Breast	0.09	0.02	0.16	0.36	-	0.63	0.08	0.02	0.14
Cervix uteri	0.04	-	0.06	0.15	-	0.27	0.03	-	0.05
Corpus & Uterus, NOS	0.05	-	0.08	0.18	-	0.32	0.04	-	0.07
Ovary	0.06	-	0.11	0.25	-	0.44	0.05	-	0.09
Prostate	0.08	0.20	-	0.39	1.01	-	0.08	0.20	-
Testis	0.01	0.01	-	0.04	0.08	-	0.01	0.02	-
Urinary bladder	0.05	0.11	0.05	0.20	0.44	0.18	0.05	0.10	0.04
Kidney & Renal pelvis	0.05	0.10	0.06	0.33	0.59	0.37	0.05	0.10	0.06
Brain & ONS ^c	0.05	0.09	0.06	0.18	0.30	0.21	0.04	0.07	0.05
Thyroid	0.03	0.04	0.05	0.10	-	0.12	0.02	0.03	0.03
Hodgkin lymphoma	0.01	0.03	0.02	-	-	-	0.02	0.03	0.02
Non-Hodgkin lymphoma	0.08	0.14	0.09	0.29	0.49	0.34	0.06	0.11	0.08
Myeloma	0.05	0.09	0.06	0.23	0.39	0.28	0.05	0.08	0.06
Leukemia	0.08	0.14	0.09	0.28	0.53	0.30	0.06	0.11	0.07
Acute lymphocytic	0.02	0.03	0.03	0.06	0.10	0.08	0.02	0.03	0.02
Chronic lymphocytic	0.02	0.04	0.02	0.12	0.27	-	0.02	0.04	0.02
Acute myeloid	0.06	0.10	0.07	0.18	0.31	0.22	0.04	0.07	0.05
Chronic myeloid	0.02	0.03	0.02	0.06	0.13	-	0.01	0.02	0.02
All others	0.04	0.07	0.05	0.15	0.29	0.16	0.04	0.06	0.04
All Sites	0.40	0.68	0.48	1.62	2.78	1.97	0.31	0.54	0.37

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

^a Mortality data for American Indian/Alaska Native 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.

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

- Statistic could not be calculated due to fewer than 16 cases during the time period.

Table A.5

SEER Site Recode ICD-O-3/WHO 2008 Definition

For a complete list of the SEER Site Recode used in this version of the SEER Cancer Statistics Review, please reference the **Site Recode ICD-O-3/WHO 2008 Definition** available on the SEER website:

www.seer.cancer.gov/siterecode/icdo3_dwho/home/index.html.

Table A.6

International Classification of Childhood Cancer(ICCC) Recode ICD-O-3/WHO 2008

For a complete list of the ICCC Recode used in this version of the SEER Cancer Statistics Review, please reference the **ICCC Recode ICD-O-3/WHO 2008 Definition** available on the SEER website:

www.seer.cancer.gov/iccc/iccc-who2008.html.

Table A.7

Adolescents and Young Adults Site Recode ICD-O-3/WHO 2008 Definition

For a complete list of the AYA Site Recode used in this version of the SEER Cancer Statistics Review, please reference the **AYA Site Recode ICD-O-3/WHO 2008 Definition** available on the SEER website: www.seer.cancer.gov/ayarecode/aya-who2008.html.

Table A.8

SEER Cause of Death Recode 1969+ (4/16/2012) Definition

For a complete list of the SEER Cause of Death Recode used in this version of the SEER Cancer Statistics Review, please reference the **SEER Cause of Death Recode 1969+ (4/16/2012) Definition** available on the SEER website:

www.seer.cancer.gov/codrecode/1969+_d04162012/index.html.

Table A.9

Annual Populations Averaged Over 2009-2013

By State, Race/Ethnicity and Sex

State	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Total U.S.	311,689,965	153,292,303	158,397,663	246,888,786	122,180,212	124,708,574	42,720,340	20,435,897	22,284,443
Alabama	4,799,387	2,328,100	2,471,287	3,406,436	1,676,174	1,730,262	1,289,649	601,355	688,294
Alaska	720,733	375,479	345,253	512,167	269,980	242,187	33,482	18,310	15,172
Arizona	6,483,851	3,222,188	3,261,662	5,555,761	2,759,635	2,796,127	328,032	170,461	157,571
Arkansas	2,933,127	1,440,280	1,492,847	2,383,865	1,177,700	1,206,165	469,753	223,746	246,007
California	37,698,663	18,732,160	18,966,503	28,537,603	14,300,511	14,237,092	2,739,497	1,352,747	1,386,750
Colorado	5,120,845	2,568,587	2,552,258	4,594,142	2,304,927	2,289,215	253,609	133,048	120,561
Connecticut	3,585,078	1,746,208	1,838,871	2,983,410	1,456,900	1,526,510	422,937	202,053	220,885
Delaware	908,282	439,729	468,553	659,754	321,898	337,857	208,375	98,367	110,008
Dist. of Columbia	620,403	293,614	326,789	267,493	133,594	133,899	322,604	146,789	175,815
Florida	19,113,666	9,343,278	9,770,389	15,180,166	7,453,009	7,727,157	3,264,303	1,573,108	1,691,195
Georgia	9,812,454	4,793,968	5,018,486	6,268,115	3,120,589	3,147,527	3,117,439	1,463,866	1,653,574
Hawaii	1,378,134	692,526	685,608	342,498	185,101	157,398	38,320	22,640	15,680
Idaho	1,583,458	792,990	790,468	1,509,561	755,925	753,636	16,343	9,129	7,214
Illinois	12,851,983	6,304,318	6,547,665	10,134,123	5,015,323	5,118,800	1,965,092	922,686	1,042,406
Indiana	6,514,908	3,206,340	3,308,567	5,706,051	2,815,160	2,890,891	653,128	314,562	338,566
Iowa	3,063,269	1,518,353	1,544,916	2,870,638	1,418,958	1,451,680	112,082	59,061	53,021
Kansas	2,868,677	1,425,525	1,443,152	2,546,856	1,263,640	1,283,216	199,137	101,729	97,408
Kentucky	4,364,000	2,147,243	2,216,756	3,917,918	1,926,823	1,991,095	372,001	184,536	187,466
Louisiana	4,569,446	2,235,280	2,334,166	2,947,519	1,460,621	1,486,898	1,501,796	714,836	786,959
Maine	1,328,435	650,178	678,257	1,281,091	626,404	654,686	20,955	11,579	9,376
Maryland	5,838,576	2,826,402	3,012,174	3,623,139	1,787,343	1,835,796	1,808,091	843,615	964,475
Massachusetts	6,611,732	3,200,732	3,410,999	5,614,705	2,720,330	2,894,375	559,074	269,691	289,383
Michigan	9,887,360	4,851,963	5,035,397	8,038,435	3,968,093	4,070,342	1,484,088	705,866	778,222
Minnesota	5,348,466	2,655,432	2,693,035	4,699,288	2,330,932	2,368,356	324,965	165,461	159,504
Mississippi	2,977,278	1,446,576	1,530,702	1,805,883	893,625	912,259	1,122,083	529,060	593,023

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

Table A.9 - continued

Annual Populations Averaged Over 2009-2013

By State, Race/Ethnicity and Sex

State	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Missouri	6,007,583	2,943,644	3,063,939	5,105,693	2,513,099	2,592,595	739,998	352,425	387,572
Montana	998,449	501,264	497,185	911,082	457,842	453,241	8,064	4,739	3,325
Nebraska	1,841,847	914,907	926,940	1,675,881	831,625	844,256	98,720	50,276	48,444
Nevada	2,730,697	1,377,030	1,353,667	2,164,461	1,103,308	1,061,153	263,967	132,858	131,109
New Hampshire	1,318,928	650,911	668,018	1,259,971	621,061	638,910	21,306	11,730	9,576
New Jersey	8,837,860	4,306,072	4,531,788	6,622,197	3,245,283	3,376,915	1,346,874	635,749	711,125
New Mexico	2,070,330	1,023,754	1,046,575	1,747,770	864,757	883,013	59,410	31,941	27,469
New York	19,506,500	9,448,380	10,058,119	14,107,094	6,906,406	7,200,688	3,561,025	1,653,713	1,907,312
North Carolina	9,651,531	4,701,976	4,949,555	7,049,740	3,472,600	3,577,139	2,185,662	1,026,124	1,159,539
North Dakota	690,023	350,179	339,845	628,510	318,658	309,853	12,416	7,273	5,143
Ohio	11,547,326	5,641,647	5,905,679	9,754,001	4,783,067	4,970,935	1,524,155	728,454	795,701
Oklahoma	3,786,751	1,874,204	1,912,547	2,985,296	1,477,800	1,507,497	325,167	161,931	163,236
Oregon	3,868,016	1,913,476	1,954,540	3,501,438	1,732,464	1,768,974	97,077	51,784	45,292
Pennsylvania	12,734,654	6,212,871	6,521,782	10,757,157	5,262,100	5,495,057	1,528,001	733,051	794,950
Rhode Island	1,052,947	509,216	543,731	918,740	443,658	475,082	86,420	42,795	43,625
South Carolina	4,678,753	2,276,145	2,402,608	3,236,023	1,596,495	1,639,528	1,340,933	630,133	710,800
South Dakota	825,489	413,948	411,541	721,367	361,161	360,207	15,775	9,248	6,527
Tennessee	6,402,696	3,120,494	3,282,203	5,145,164	2,524,268	2,620,896	1,115,436	527,034	588,402
Texas	25,661,003	12,731,408	12,929,595	20,980,869	10,455,117	10,525,752	3,242,669	1,568,107	1,674,562
Utah	2,814,214	1,414,107	1,400,107	2,623,831	1,317,550	1,306,281	44,464	24,741	19,723
Vermont	626,010	308,386	317,624	604,717	297,809	306,908	8,957	4,884	4,073
Virginia	8,105,054	3,981,000	4,124,054	5,880,400	2,916,371	2,964,029	1,660,553	794,652	865,901
Washington	6,820,303	3,401,980	3,418,323	5,730,246	2,864,615	2,865,631	325,023	173,300	151,723
West Virginia	1,853,368	914,184	939,184	1,761,205	865,712	895,494	72,715	39,017	33,698
Wisconsin	5,707,032	2,832,806	2,874,226	5,090,287	2,529,505	2,560,781	399,686	196,476	203,210
Wyoming	570,391	290,862	279,529	539,025	274,689	264,336	9,032	5,161	3,871

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

Table A.9 - continued

Annual Populations Averaged Over 2009-2013

By State, Race/Ethnicity and Sex

State	Asian/Pacific Islander			American Indian/Alaska Native			Hispanic ^a		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Total U.S.	17,760,745	8,506,334	9,254,411	4,320,095	2,169,861	2,150,234	51,866,264	26,294,654	25,571,610
CHSDA counties ^b	-	-	-	2,222,892	1,104,855	1,118,037	-	-	-
Non-CHSDA counties ^b	-	-	-	2,097,203	1,065,006	1,032,197	-	-	-
Alabama	67,504	32,407	35,097	35,798	18,163	17,635	188,856	104,129	84,727
Alaska	53,425	25,689	27,736	121,658	61,500	60,158	43,087	22,373	20,714
Arizona	234,648	111,485	123,162	365,410	180,608	184,802	1,939,101	974,574	964,527
Arkansas	49,763	23,939	25,825	29,745	14,895	14,850	192,482	102,471	90,011
California	5,680,372	2,704,302	2,976,070	741,190	374,601	366,590	14,288,664	7,209,056	7,079,607
Colorado	178,605	82,799	95,805	94,489	47,813	46,676	1,064,686	543,024	521,661
Connecticut	158,211	76,938	81,272	20,521	10,317	10,204	497,663	248,851	248,812
Delaware	33,605	16,166	17,439	6,548	3,298	3,249	76,096	39,239	36,856
Dist. of Columbia	26,122	11,175	14,947	4,184	2,056	2,128	59,691	30,718	28,973
Florida	566,676	263,777	302,899	102,521	53,385	49,137	4,384,473	2,166,748	2,217,725
Georgia	372,471	180,858	191,613	54,428	28,655	25,773	876,941	470,308	406,633
Hawaii	990,812	481,225	509,588	6,504	3,561	2,943	123,549	63,137	60,412
Idaho	26,998	12,557	14,441	30,556	15,379	15,177	181,236	94,087	87,149
Illinois	666,784	322,301	344,483	85,984	44,008	41,976	2,062,984	1,062,894	1,000,090
Indiana	126,344	61,702	64,642	29,384	14,916	14,468	400,933	210,093	190,840
Iowa	64,550	32,281	32,270	15,998	8,053	7,945	157,873	83,108	74,766
Kansas	81,701	39,607	42,094	40,983	20,549	20,434	308,293	160,599	147,694
Kentucky	61,146	29,120	32,026	12,934	6,764	6,169	137,013	75,886	61,127
Louisiana	83,346	41,341	42,005	36,785	18,481	18,303	201,672	110,352	91,320
Maine	15,833	6,992	8,841	10,556	5,203	5,353	17,985	9,089	8,897
Maryland	370,518	176,604	193,914	36,828	18,839	17,988	494,811	258,918	235,893
Massachusetts	402,070	192,648	209,422	35,883	18,064	17,819	658,257	324,381	333,876
Michigan	278,585	135,515	143,070	86,253	42,490	43,763	447,751	227,474	220,277
Minnesota	244,686	119,345	125,341	79,527	39,694	39,833	257,600	135,324	122,276
Mississippi	31,537	15,002	16,535	17,775	8,890	8,886	83,634	48,456	35,178

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

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

^b American Indian/Alaska Native statistics are reported based on the CHSDA (Contract Health Service Delivery Area) counties. All other race/ethnicities are not shown for these areas.

Table A.9 - continued

Annual Populations Averaged Over 2009-2013

By State, Race/Ethnicity and Sex

State	Asian/Pacific Islander			American Indian/Alaska Native			Hispanic ^a		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Missouri	122,159	58,141	64,018	39,733	19,979	19,754	220,019	114,435	105,583
Montana	8,758	3,751	5,007	70,545	34,933	35,612	30,823	15,607	15,216
Nebraska	40,539	19,589	20,950	26,706	13,416	13,290	174,487	91,682	82,806
Nevada	251,586	115,612	135,974	50,682	25,252	25,431	734,706	375,471	359,235
New Hampshire	33,006	15,730	17,276	4,645	2,390	2,256	38,859	19,589	19,270
New Jersey	809,888	394,690	415,198	58,900	30,350	28,550	1,607,122	809,193	797,929
New Mexico	39,499	18,285	21,214	223,650	108,771	114,879	966,868	479,618	487,250
New York	1,622,368	780,440	841,928	216,012	107,821	108,191	3,496,907	1,724,829	1,772,077
North Carolina	257,349	124,233	133,115	158,780	79,019	79,762	824,267	438,016	386,251
North Dakota	8,778	4,415	4,364	40,319	19,834	20,485	16,324	8,768	7,556
Ohio	229,692	110,485	119,207	39,478	19,641	19,836	367,784	189,383	178,401
Oklahoma	83,634	40,137	43,497	392,654	194,337	198,317	345,458	182,481	162,976
Oregon	186,642	87,257	99,385	82,859	41,971	40,889	462,011	241,274	220,737
Pennsylvania	400,881	193,466	207,415	48,615	24,254	24,361	755,581	386,263	369,319
Rhode Island	37,022	17,514	19,508	10,765	5,249	5,517	135,788	67,364	68,424
South Carolina	74,719	35,435	39,284	27,078	14,081	12,997	241,511	133,184	108,327
South Dakota	10,057	4,911	5,146	78,290	38,629	39,661	25,094	13,541	11,553
Tennessee	113,097	53,872	59,224	29,000	15,320	13,681	300,356	162,403	137,953
Texas	1,156,787	564,473	592,314	280,678	143,711	136,967	9,728,366	4,896,825	4,831,541
Utah	98,878	48,152	50,726	47,042	23,665	23,377	369,219	190,480	178,739
Vermont	9,281	4,161	5,120	3,054	1,531	1,523	9,858	4,961	4,897
Virginia	516,718	245,442	271,276	47,383	24,535	22,847	662,978	344,635	318,344
Washington	613,628	288,046	325,582	151,407	76,020	75,387	784,209	408,338	375,871
West Virginia	15,143	7,138	8,005	4,305	2,317	1,988	23,832	12,780	11,052
Wisconsin	148,178	72,379	75,799	68,881	34,445	34,436	345,981	180,685	165,296
Wyoming	6,143	2,802	3,341	16,190	8,210	7,981	52,523	27,558	24,964

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

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

Table A.10

Annual Populations Averaged Over 2009-2013

By SEER Registry, Race/Ethnicity and Sex

Area	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
California	37,698,663	18,732,160	18,966,503	28,537,603	14,300,511	14,237,092	2,739,497	1,352,747	1,386,750
Greater Bay Area	6,965,357	3,461,061	3,504,296	4,504,240	2,274,011	2,230,229	501,979	246,004	255,975
San Francisco-Oakland, SMSA	4,408,005	2,173,376	2,234,628	2,767,880	1,392,294	1,375,587	418,071	201,008	217,063
San Jose-Monterey	2,557,352	1,287,684	1,269,668	1,736,360	881,718	854,642	83,908	44,996	38,912
Los Angeles	9,908,342	4,882,345	5,025,997	7,245,183	3,622,561	3,622,622	972,777	458,810	513,967
Greater California	20,824,965	10,388,755	10,436,210	16,788,179	8,403,938	8,384,241	1,264,742	647,933	616,808
Connecticut	3,585,078	1,746,208	1,838,871	2,983,410	1,456,900	1,526,510	422,937	202,053	220,885
Metropolitan Detroit	3,863,236	1,866,679	1,996,556	2,678,373	1,315,702	1,362,671	1,003,745	462,282	541,463
Georgia	9,812,454	4,793,968	5,018,486	6,268,115	3,120,589	3,147,527	3,117,439	1,463,866	1,653,574
Metropolitan Atlanta	3,437,989	1,668,604	1,769,385	1,766,620	886,733	879,887	1,402,992	648,713	754,280
Rural Georgia	126,336	62,400	63,936	73,827	37,098	36,729	51,301	24,691	26,609
Greater Georgia	6,248,129	3,062,964	3,185,165	4,427,668	2,196,758	2,230,911	1,663,146	790,462	872,685
Hawaii	1,378,134	692,526	685,608	342,498	185,101	157,398	38,320	22,640	15,680
Iowa	3,063,269	1,518,353	1,544,916	2,870,638	1,418,958	1,451,680	112,082	59,061	53,021
Kentucky	4,364,000	2,147,243	2,216,756	3,917,918	1,926,823	1,991,095	372,001	184,536	187,466
Louisiana	4,569,446	2,235,280	2,334,166	2,947,519	1,460,621	1,486,898	1,501,796	714,836	786,959
New Jersey	8,837,860	4,306,072	4,531,788	6,622,197	3,245,283	3,376,915	1,346,874	635,749	711,125
New Mexico	2,070,330	1,023,754	1,046,575	1,747,770	864,757	883,013	59,410	31,941	27,469
Seattle-Puget Sound	4,663,965	2,325,255	2,338,710	3,745,584	1,874,462	1,871,122	279,656	147,859	131,797
Utah	2,814,214	1,414,107	1,400,107	2,623,831	1,317,550	1,306,281	44,464	24,741	19,723
SEER 9 Areas ^a	29,284,220	14,428,863	14,855,357	21,526,605	10,712,456	10,814,149	3,781,677	1,800,297	1,981,380
SEER 13 Areas ^a	42,596,982	21,036,772	21,560,211	31,094,142	15,523,813	15,570,329	4,923,145	2,347,104	2,576,040
SEER 18 Areas ^a	87,441,381	43,177,086	44,264,295	65,797,625	32,757,236	33,040,389	11,071,703	5,320,620	5,751,083

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

^a The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus Greater California (California excluding SF/SJM/LA), Kentucky, Louisiana, New Jersey and Greater Georgia (Georgia excluding ATL/RG).

Table A.10 - continued

Annual Populations Averaged Over 2009-2013

By SEER Registry, Race/Ethnicity and Sex

Area	Asian/Pacific Islander			Hispanic ^a		
	Both Sexes	Males	Females	Both Sexes	Males	Females
California	5,680,372	2,704,302	2,976,070	14,288,664	7,209,056	7,079,607
Greater Bay Area	1,854,851	887,459	967,392	1,795,800	917,998	877,802
San Francisco-Oakland, SMSA	1,167,068	551,624	615,444	956,806	488,280	468,526
San Jose-Monterey	687,783	335,836	351,948	838,994	429,718	409,276
Los Angeles	1,520,660	714,908	805,752	4,749,677	2,371,437	2,378,241
Greater California	2,304,861	1,101,935	1,202,926	7,743,186	3,919,622	3,823,564
Connecticut	158,211	76,938	81,272	497,663	248,851	248,812
Metropolitan Detroit	160,147	78,717	81,429	159,340	80,503	78,836
Georgia	372,471	180,858	191,613	876,941	470,308	406,633
Metropolitan Atlanta	245,921	121,186	124,735	427,560	228,025	199,535
Rural Georgia	752	363	389	4,598	2,687	1,911
Greater Georgia	125,798	59,310	66,488	444,784	239,596	205,188
Hawaii	990,812	481,225	509,588	123,549	63,137	60,412
Iowa	64,550	32,281	32,270	157,873	83,108	74,766
Kentucky	61,146	29,120	32,026	137,013	75,886	61,127
Louisiana	83,346	41,341	42,005	201,672	110,352	91,320
New Jersey	809,888	394,690	415,198	1,607,122	809,193	797,929
New Mexico	39,499	18,285	21,214	966,868	479,618	487,250
Seattle-Puget Sound	546,654	256,756	289,897	415,069	217,266	197,803
Utah	98,878	48,152	50,726	369,219	190,480	178,739
SEER 9 Areas ^b	3,471,739	1,665,163	1,806,576	4,073,948	2,079,268	1,994,680
SEER 13 Areas ^b	5,734,361	2,741,959	2,992,401	9,710,304	4,905,482	4,804,822
SEER 18 Areas ^b	9,119,401	4,368,356	4,751,045	19,844,081	10,060,131	9,783,950

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

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

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta. The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus Greater California (California excluding SF/SJM/LA), Kentucky, Louisiana, New Jersey and Greater Georgia (Georgia excluding ATL/RG).

Table A.10 - continued

Annual Populations Averaged Over 2009-2013

American Indian/Alaska Native By SEER Registry, CHSDA County Status and Sex

Area	American Indian/Alaska Native Total U.S.			American Indian/Alaska Native CHSDA			American Indian/Alaska Native Non-CHSDA		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Alaska	121,658	61,500	60,158	121,658	61,500	60,158	0	0	0
California	741,190	374,601	366,590	307,668	154,561	153,106	433,523	220,039	213,483
Greater Bay Area	104,286	53,586	50,700	0	0	0	104,286	53,586	50,700
San Francisco- Oakland, SMSA	54,986	28,452	26,535	0	0	0	54,986	28,452	26,535
San Jose-Monterey	49,300	25,135	24,165	0	0	0	49,300	25,135	24,165
Los Angeles	169,721	86,066	83,655	0	0	0	169,721	86,066	83,655
Greater California	467,183	234,949	232,234	307,668	154,561	153,106	159,515	80,387	79,128
Connecticut	20,521	10,317	10,204	20,521	10,317	10,204	0	0	0
Metropolitan Detroit	20,971	9,977	10,993	0	0	0	20,971	9,977	10,993
Georgia	54,428	28,655	25,773	0	0	0	54,428	28,655	25,773
Metropolitan Atlanta	22,456	11,973	10,484	0	0	0	22,456	11,973	10,484
Rural Georgia	456	248	208	0	0	0	456	248	208
Greater Georgia	31,516	16,435	15,081	0	0	0	31,516	16,435	15,081
Hawaii	6,504	3,561	2,943	0	0	0	6,504	3,561	2,943
Iowa	15,998	8,053	7,945	5,379	2,652	2,727	10,619	5,401	5,218
Kentucky	12,934	6,764	6,169	0	0	0	12,934	6,764	6,169
Louisiana	36,785	18,481	18,303	4,172	2,087	2,086	32,612	16,395	16,218
New Jersey	58,900	30,350	28,550	0	0	0	58,900	30,350	28,550
New Mexico	223,650	108,771	114,879	210,836	102,297	108,539	12,815	6,474	6,341
Seattle-Puget Sound	92,072	46,178	45,893	92,072	46,178	45,893	0	0	0
Utah	47,042	23,665	23,377	23,689	11,728	11,961	23,352	11,936	11,416
SEER 9 Areas ^a	504,199	250,947	253,252	352,496	173,173	179,324	151,703	77,774	73,929
SEER 13 Areas ^a	845,335	423,895	421,439	474,154	234,673	239,482	371,180	189,223	181,958
SEER 18 Areas ^a	1,452,652	730,874	721,778	785,995	391,321	394,674	666,657	339,553	327,104

Source: NCI estimates based on Census Bureau population data. Male and female populations may not sum to both sexes due to rounding.

^a The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus Greater California (California excluding SF/SJM/LA), Kentucky, Louisiana, New Jersey and Greater Georgia (Georgia excluding ATL/RG).

Table A.11

Standard Populations, By Age

Age	2000 United States Standard Population (Census P25-1130)
All Ages	274,633,642
Age <1	3,794,901
Ages 1-4	15,191,619
Ages 5-9	19,919,840
Ages 10-14	20,056,779
Ages 15-19	19,819,518
Ages 20-24	18,257,225
Ages 25-29	17,722,067
Ages 30-34	19,511,370
Ages 35-39	22,179,956
Ages 40-44	22,479,229
Ages 45-49	19,805,793
Ages 50-54	17,224,359
Ages 55-59	13,307,234
Ages 60-64	10,654,272
Ages 65-69	9,409,940
Ages 70-74	8,725,574
Ages 75-79	7,414,559
Ages 80-84	4,900,234
Ages 85+	4,259,173

Age	IARC World Standard Million Population
All Ages	1,000,000
Age <1	24,000
Ages 1-4	96,000
Ages 5-9	100,000
Ages 10-14	90,000
Ages 15-19	90,000
Ages 20-24	80,000
Ages 25-29	80,000
Ages 30-34	60,000
Ages 35-39	60,000
Ages 40-44	60,000
Ages 45-49	60,000
Ages 50-54	50,000
Ages 55-59	40,000
Ages 60-64	40,000
Ages 65-69	30,000
Ages 70-74	20,000
Ages 75-79	10,000
Ages 80-84	5,000
Ages 85+	5,000

Source: U.S. Bureau of the Census, Census of Population 2000.

Muir C, Waterhouse J, Mack T, Powell J, Whelan S. Cancer Incidence In Five Continents, Volume V, pg. 792.

Table A.12
All Cancer Sites (Invasive)

SEER Follow-Up Rates^a for Cases Diagnosed 1975-2012
By Registry, Sex, and Age

	Males				Females			
	All Ages	0-19	20-64	65+	All Ages	0-19	20-64	65+
<u>Followed Into 2012</u>								
Registry								
Standard 9 registries	98.79	94.41	98.18	99.36	97.80	91.94	96.57	99.16
San Francisco-Oakland	98.47	93.90	97.97	98.97	97.70	95.16	96.48	98.94
Connecticut	98.25	93.33	96.97	99.26	96.73	86.27	94.47	98.90
Metropolitan Detroit	98.83	94.12	98.09	99.54	97.74	95.77	96.57	99.00
Hawaii	98.75	96.30	98.15	99.22	97.88	95.00	97.45	98.50
Iowa	99.79	100.00	99.55	99.94	99.58	97.92	99.24	99.86
New Mexico	98.24	87.80	98.35	98.48	96.67	100.00	95.20	98.09
Seattle-Puget Sound	99.23	95.65	98.80	99.64	98.79	95.65	97.92	99.78
Utah	98.70	91.80	98.23	99.37	97.35	86.79	96.37	99.18
Metropolitan Atlanta	98.35	96.67	97.81	99.09	96.75	90.91	95.30	99.09
<u>Followed Into 2013</u>								
Registry								
Standard 9 registries	98.41	93.48	97.60	99.14	97.06	89.40	95.56	98.75
San Francisco-Oakland	98.09	91.46	97.54	98.69	97.17	93.55	95.64	98.74
Connecticut	97.88	93.33	96.27	99.12	95.58	84.31	93.08	97.96
Metropolitan Detroit	98.62	94.12	97.77	99.41	97.09	92.96	95.75	98.56
Hawaii	98.06	96.30	97.30	98.64	96.56	95.00	95.63	97.75
Iowa	99.78	100.00	99.55	99.91	99.30	97.92	98.71	99.75
New Mexico	97.73	87.80	97.36	98.27	95.73	100.00	93.69	97.71
Seattle-Puget Sound	98.98	94.20	98.38	99.55	98.36	89.86	97.36	99.63
Utah	97.45	88.52	96.46	98.59	95.42	84.91	93.52	98.36
Metropolitan Atlanta	97.58	96.67	96.78	98.59	96.16	84.85	94.63	98.76

^a Represents the percentage of first primaries diagnosed 1975-2012 and followed into the specified year.