

Table A-1

NUMBER OF INCIDENCE CASES, 2000-2004By Primary Cancer Site, Race and Sex
17 SEER Geographic Areas

Site	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral Cavity & Pharynx	37,724	25,655	12,069	31,105	21,210	9,895	3,645	2,591	1,054
Esophagus	16,225	12,211	4,014	13,523	10,275	3,248	1,877	1,322	555
Stomach	28,578	17,337	11,241	20,817	12,880	7,937	3,560	2,038	1,522
Colon & Rectum	182,037	92,291	89,746	150,455	76,551	73,904	18,029	8,642	9,387
Colon	131,311	63,661	67,650	108,651	52,800	55,851	13,702	6,396	7,306
Rectum	50,726	28,630	22,096	41,804	23,751	18,053	4,327	2,246	2,081
Liver & IBD ^a	22,077	15,362	6,715	15,266	10,539	4,727	2,433	1,774	659
Pancreas	39,883	19,554	20,329	32,886	16,272	16,614	4,279	1,976	2,303
Larynx	13,225	10,580	2,645	10,800	8,587	2,213	1,892	1,531	361
Lung & Bronchus	225,459	122,851	102,608	190,833	102,306	88,527	22,467	13,287	9,180
Melanoma of the skin	67,273	38,222	29,051	63,543	36,307	27,236	309	145	164
Breast	251,040	1,771	249,269	211,007	1,472	209,535	22,186	220	21,966
Cervix uteri	16,674	-	16,674	12,762	-	12,762	2,235	-	2,235
Corpus & Uterus, NOS	45,346	-	45,346	38,522	-	38,522	3,455	-	3,455
Ovary ^b	26,546	-	26,546	22,789	-	22,789	1,834	-	1,834
Prostate	258,707	258,707	-	207,528	207,528	-	31,294	31,294	-
Testis	10,301	10,301	-	9,498	9,498	-	299	299	-
Urinary bladder	73,919	55,067	18,852	67,096	50,272	16,824	3,528	2,280	1,248
Kidney & Renal pelvis	45,794	28,452	17,342	38,869	24,199	14,670	4,506	2,759	1,747
Brain & ONS ^a	23,509	12,999	10,510	20,698	11,498	9,200	1,485	782	703
Thyroid	31,505	7,579	23,926	26,249	6,506	19,743	1,867	382	1,485
Hodgkin lymphoma	10,117	5,517	4,600	8,555	4,661	3,894	1,000	534	466
Non-Hodgkin lymphoma	69,047	36,883	32,164	59,194	31,576	27,618	4,864	2,672	2,192
Myeloma	19,652	10,622	9,030	15,119	8,342	6,777	3,285	1,662	1,623
Leukemia	44,047	25,147	18,900	37,583	21,542	16,041	3,249	1,777	1,472
Acute lymphocitic	5,917	3,322	2,595	4,948	2,811	2,137	380	196	184
Chronic lymphocitic	13,757	8,198	5,559	12,136	7,251	4,885	855	507	348
Acute myeloid	12,999	7,087	5,912	10,965	6,003	4,962	1,031	536	495
Chronic myeloid	5,451	3,138	2,313	4,512	2,584	1,928	475	274	201
All others	5,923	3,402	2,521	5,022	2,893	2,129	508	264	244
Kaposi Sarcoma	2,529	2,300	229	1,787	1,605	182	541	510	31
Mesothelioma	3,830	2,997	833	3,538	2,786	752	164	122	42
All Sites	1,671,579	862,519	809,060	1,399,022	718,264	680,758	154,249	83,174	71,075

Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).

^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, 2000-2004By Primary Cancer Site, Race and Sex
17 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	2,407	1,508	899	146	95	51	2,434	1,675	759
Esophagus	691	508	183	67	53	-	1,007	794	213
Stomach	3,833	2,192	1,641	192	118	74	4,321	2,436	1,885
Colon & Rectum	11,525	6,048	5,477	706	334	372	13,565	7,276	6,289
Colon	7,638	3,815	3,823	491	209	282	9,171	4,687	4,484
Rectum	3,887	2,233	1,654	215	125	90	4,394	2,589	1,805
Liver & IBD ^c	4,020	2,790	1,230	182	130	52	3,583	2,506	1,077
Pancreas	2,409	1,161	1,248	154	72	82	3,394	1,599	1,795
Larynx	409	357	52	33	26	-	945	807	138
Lung & Bronchus	10,707	6,454	4,253	717	383	334	10,724	6,098	4,626
Melanoma of the skin	440	212	228	57	35	22	2,001	813	1,188
Breast	15,243	61	15,182	780	-	778	20,510	91	20,419
Cervix uteri	1,387	-	1,387	81	-	81	3,779	-	3,779
Corpus & Uterus, NOS	2,776	-	2,776	166	-	166	3,876	-	3,876
Ovary ^d	1,644	-	1,644	120	-	120	2,582	-	2,582
Prostate	11,261	11,261	-	505	505	-	20,059	20,059	-
Testis	306	306	-	58	58	-	1,745	1,745	-
Urinary bladder	2,412	1,844	568	117	86	31	3,689	2,694	995
Kidney & Renal pelvis	1,840	1,143	697	279	159	120	4,838	2,905	1,933
Brain & ONS ^c	1,073	571	502	67	36	31	2,856	1,538	1,318
Thyroid	2,872	580	2,292	134	29	105	4,206	788	3,418
Hodgkin lymphoma	417	228	189	22	-	-	1,369	811	558
Non-Hodgkin lymphoma	3,784	2,006	1,778	196	102	94	6,613	3,642	2,971
Myeloma	914	452	462	86	33	53	1,948	1,038	910
Leukemia	2,205	1,239	966	152	77	75	4,980	2,785	2,195
Acute lymphocitic	457	242	215	53	30	23	1,883	1,067	816
Chronic lymphocitic	228	130	98	24	-	-	612	375	237
Acute myeloid	895	487	408	38	18	20	1,427	745	682
Chronic myeloid	336	201	135	22	-	-	559	328	231
All others	289	179	110	-	-	-	499	270	229
Kaposi Sarcoma	69	62	-	-	-	-	540	499	41
Mesothelioma	102	73	29	-	-	-	350	259	91
All Sites	90,627	43,894	46,733	5,497	2,580	2,917	136,822	67,833	68,989

Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).

⁻ Count not shown due to fewer than 16 cases during the time period.^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 and Kentucky.^c IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.^d Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

Table A-2

STANDARD ERRORS OF INCIDENCE RATES, 2000-2004By Primary Cancer Site, Race and Sex
17 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	0.10	0.06	0.06	0.11	0.06	0.19	0.37	0.18
Esophagus	0.04	0.07	0.03	0.04	0.08	0.03	0.15	0.30	0.14
Stomach	0.05	0.09	0.05	0.05	0.09	0.05	0.21	0.41	0.23
Colon & Rectum	0.12	0.20	0.15	0.13	0.22	0.16	0.47	0.83	0.57
Colon	0.10	0.17	0.13	0.11	0.19	0.14	0.42	0.73	0.51
Rectum	0.06	0.11	0.08	0.07	0.12	0.08	0.22	0.39	0.26
Liver & IBD ^a	0.04	0.08	0.04	0.04	0.08	0.04	0.16	0.32	0.15
Pancreas	0.06	0.09	0.07	0.06	0.10	0.08	0.23	0.38	0.29
Larynx	0.03	0.07	0.03	0.04	0.07	0.03	0.14	0.31	0.11
Lung & Bronchus	0.14	0.23	0.16	0.15	0.26	0.18	0.52	1.01	0.57
Melanoma of the skin	0.07	0.12	0.09	0.09	0.14	0.11	0.06	0.10	0.07
Breast	0.14	0.03	0.26	0.16	0.03	0.29	0.47	0.12	0.81
Cervix uteri	0.03	-	0.07	0.04	-	0.08	0.14	-	0.24
Corpus & Uterus, NOS	0.06	-	0.11	0.07	-	0.12	0.20	-	0.34
Ovary ^b	0.05	-	0.08	0.05	-	0.10	0.14	-	0.24
Prostate	0.15	0.33	-	0.16	0.36	-	0.61	1.51	-
Testis	0.03	0.05	-	0.03	0.06	-	0.04	0.08	-
Urinary bladder	0.08	0.16	0.07	0.09	0.18	0.08	0.22	0.45	0.22
Kidney & Renal pelvis	0.06	0.11	0.07	0.07	0.12	0.08	0.22	0.41	0.24
Brain & ONS ^a	0.04	0.07	0.05	0.05	0.08	0.06	0.11	0.19	0.14
Thyroid	0.05	0.05	0.08	0.05	0.06	0.09	0.12	0.13	0.19
Hodgkin lymphoma	0.03	0.04	0.04	0.03	0.05	0.04	0.08	0.13	0.10
Non-Hodgkin lymphoma	0.07	0.12	0.09	0.08	0.14	0.10	0.22	0.37	0.26
Myeloma	0.04	0.07	0.05	0.04	0.07	0.05	0.20	0.36	0.24
Leukemia	0.06	0.10	0.07	0.07	0.11	0.08	0.19	0.34	0.21
Acute lymphocitic	0.02	0.03	0.03	0.02	0.04	0.03	0.05	0.07	0.06
Chronic lymphocitic	0.03	0.06	0.04	0.04	0.07	0.04	0.11	0.21	0.11
Acute myeloid	0.03	0.05	0.04	0.04	0.06	0.04	0.10	0.18	0.12
Chronic myeloid	0.02	0.04	0.02	0.02	0.04	0.03	0.07	0.13	0.08
All others	0.02	0.04	0.02	0.02	0.04	0.03	0.08	0.14	0.09
Kaposi Sarcoma	0.01	0.03	0.01	0.01	0.03	0.01	0.06	0.12	0.03
Mesothelioma	0.02	0.04	0.01	0.02	0.04	0.02	0.05	0.11	0.04
All Sites	0.36	0.61	0.46	0.40	0.66	0.52	1.32	2.43	1.51

Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).

^a IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.^b Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

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STANDARD ERRORS OF INCIDENCE RATES, 2000-2004By Primary Cancer Site, Race and Sex
17 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	0.16	0.29	0.18	0.61	1.09	0.67	0.13	0.25	0.14
Esophagus	0.10	0.19	0.09	0.52	1.01	-	0.10	0.21	0.09
Stomach	0.23	0.42	0.27	0.88	1.63	0.96	0.20	0.36	0.23
Colon & Rectum	0.39	0.66	0.48	1.62	2.49	2.13	0.36	0.61	0.43
Colon	0.33	0.54	0.41	1.39	2.04	1.89	0.30	0.50	0.37
Rectum	0.22	0.38	0.26	0.84	1.43	0.99	0.19	0.34	0.22
Liver & IBD ^c	0.22	0.41	0.23	0.76	1.43	0.79	0.17	0.31	0.18
Pancreas	0.19	0.30	0.24	0.78	1.21	1.02	0.19	0.30	0.24
Larynx	0.07	0.16	0.05	0.31	0.59	-	0.09	0.20	0.06
Lung & Bronchus	0.39	0.70	0.43	1.72	2.94	2.07	0.33	0.61	0.38
Melanoma of the skin	0.07	0.12	0.09	0.42	0.78	0.45	0.11	0.18	0.14
Breast	0.40	0.06	0.73	1.42	-	2.59	0.36	0.07	0.65
Cervix uteri	0.12	-	0.22	0.42	-	0.77	0.13	-	0.24
Corpus & Uterus, NOS	0.17	-	0.31	0.66	-	1.21	0.16	-	0.29
Ovary ^d	0.13	-	0.24	0.58	-	1.06	0.13	-	0.24
Prostate	0.40	0.93	-	1.39	3.24	-	0.44	1.05	-
Testis	0.05	0.10	-	0.25	0.52	-	0.05	0.10	-
Urinary bladder	0.19	0.39	0.16	0.68	1.38	0.60	0.20	0.42	0.18
Kidney & Renal pelvis	0.15	0.27	0.17	0.93	1.58	1.09	0.19	0.34	0.22
Brain & ONS ^c	0.10	0.17	0.13	0.37	0.66	0.43	0.11	0.19	0.14
Thyroid	0.16	0.17	0.27	0.48	0.53	0.79	0.13	0.13	0.21
Hodgkin lymphoma	0.06	0.10	0.08	0.20	-	-	0.07	0.12	0.08
Non-Hodgkin lymphoma	0.22	0.36	0.27	0.80	1.28	1.02	0.22	0.37	0.27
Myeloma	0.11	0.18	0.14	0.60	0.91	0.82	0.14	0.23	0.16
Leukemia	0.16	0.27	0.19	0.58	0.84	0.76	0.16	0.28	0.19
Acute lymphocitic	0.06	0.10	0.09	0.22	0.33	0.31	0.06	0.08	0.08
Chronic lymphocitic	0.06	0.10	0.07	0.32	-	-	0.08	0.16	0.09
Acute myeloid	0.10	0.18	0.12	0.30	0.46	0.38	0.09	0.16	0.11
Chronic myeloid	0.06	0.11	0.07	0.21	-	-	0.06	0.10	0.07
All others	0.06	0.11	0.07	-	-	-	0.06	0.11	0.07
Kaposi Sarcoma	0.03	0.05	-	-	-	-	0.05	0.10	0.04
Mesothelioma	0.04	0.07	0.03	-	-	-	0.06	0.12	0.05
All Sites	1.07	1.77	1.34	4.27	6.90	5.46	1.04	1.79	1.26

Source: SEER 17 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, Atlanta, San Jose-Monterey, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey).

^a Statistic could not be calculated due to fewer than 16 cases during the time period.^b Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.^c Hispanic is not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives.^d Incidence data for Hispanics are based on NHIA and exclude cases from the Alaska Native Registry and Kentucky.^e IBD = Intrahepatic Bile Duct. ONS = Other Nervous System.^f Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

Table A-3

NUMBER OF DEATHS, 2000-2004

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	38,533	25,900	12,633	31,787	20,932	10,855	5,466	4,091	1,375
Esophagus	63,344	48,676	14,668	54,248	42,148	12,100	8,050	5,727	2,323
Stomach	61,131	35,665	25,466	46,892	27,558	19,334	10,449	5,976	4,473
Colon & Rectum	280,208	140,055	140,153	239,807	120,320	119,487	34,142	16,421	17,721
Colon	237,534	116,334	121,200	202,792	99,713	103,079	29,648	13,971	15,677
Rectum	42,674	23,721	18,953	37,015	20,607	16,408	4,494	2,450	2,044
Liver & IBD ^a	70,341	44,984	25,357	56,022	35,518	20,504	8,893	5,857	3,036
Pancreas	151,944	74,415	77,529	130,745	64,595	66,150	17,596	8,112	9,484
Larynx	18,839	14,935	3,904	15,193	11,974	3,219	3,402	2,761	641
Lung & Bronchus	785,021	450,375	334,646	689,634	391,587	298,047	81,190	50,301	30,889
Melanoma of the skin	38,245	24,168	14,077	37,449	23,795	13,654	581	256	325
Breast	209,306	1,953	207,353	177,047	1,630	175,417	27,974	299	27,675
Cervix uteri	20,013	-	20,013	15,113	-	15,113	4,068	-	4,068
Corpus & Uterus, NOS	34,110	-	34,110	27,924	-	27,924	5,446	-	5,446
Ovary	72,529	-	72,529	65,133	-	65,133	5,841	-	5,841
Prostate	150,799	150,799	-	123,282	123,282	-	25,465	25,465	-
Testis	1,767	1,767	-	1,599	1,599	-	124	124	-
Urinary bladder	62,367	42,580	19,787	57,093	39,679	17,414	4,496	2,374	2,122
Kidney & Renal pelvis	60,578	37,667	22,911	53,974	33,652	20,322	5,433	3,272	2,161
Brain & ONS ^a	63,824	35,347	28,477	58,746	32,589	26,157	3,870	2,061	1,809
Thyroid	6,770	2,802	3,968	5,918	2,527	3,391	587	189	398
Hodgkin lymphoma	6,585	3,617	2,968	5,829	3,200	2,629	632	351	281
Non-Hodgkin lymphoma	109,357	57,515	51,842	99,857	52,507	47,350	7,124	3,733	3,391
Myeloma	53,653	27,532	26,121	43,784	22,898	20,886	8,948	4,185	4,763
Leukemia	107,590	59,910	47,680	96,434	53,965	42,469	8,966	4,715	4,251
Acute lymphocitic	7,060	4,029	3,031	6,160	3,517	2,643	615	354	261
Chronic lymphocitic	21,970	12,678	9,292	20,074	11,590	8,484	1,760	1,005	755
Acute myeloid	39,416	21,643	17,773	35,420	19,602	15,818	3,049	1,531	1,518
Chronic myeloid	7,215	4,014	3,201	6,188	3,441	2,747	831	452	379
All others	31,929	17,546	14,383	28,592	15,815	12,777	2,711	1,373	1,338
All Sites	2,774,874	1,436,709	1,338,165	2,401,801	1,241,893	1,159,908	311,879	162,999	148,880

Source: NCHS public use data file for the total US.

^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, 2000-2004By 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	1,084	742	342	129	89	40	1,531	1,124	407
Esophagus	797	607	190	179	139	40	2,054	1,603	451
Stomach	3,385	1,898	1,487	336	191	145	6,083	3,479	2,604
Colon & Rectum	5,201	2,741	2,460	783	414	369	11,588	6,274	5,314
Colon	4,243	2,201	2,042	629	327	302	9,707	5,143	4,564
Rectum	958	540	418	154	87	67	1,881	1,131	750
Liver & IBD ^c	4,877	3,265	1,612	400	239	161	6,850	4,482	2,368
Pancreas	3,069	1,452	1,617	357	166	191	6,977	3,449	3,528
Larynx	162	139	23	54	41	-	823	730	93
Lung & Bronchus	11,382	6,941	4,441	1,872	1,014	858	19,787	12,826	6,961
Melanoma of the skin	155	82	73	47	29	18	730	416	314
Breast	3,562	21	3,541	467	-	466	8,979	70	8,909
Cervix uteri	674	-	674	129	-	129	2,052	-	2,052
Corpus & Uterus, NOS	632	-	632	77	-	77	1,576	-	1,576
Ovary	1,290	-	1,290	199	-	199	3,126	-	3,126
Prostate	1,584	1,584	-	323	323	-	5,910	5,910	-
Testis	31	31	-	-	-	-	232	232	-
Urinary bladder	655	452	203	79	50	29	1,813	1,205	608
Kidney & Renal pelvis	752	476	276	325	205	120	3,317	2,149	1,168
Brain & ONS ^c	1,004	578	426	134	76	58	3,223	1,766	1,457
Thyroid	236	76	160	24	-	17	504	198	306
Hodgkin lymphoma	102	55	47	16	-	-	476	289	187
Non-Hodgkin lymphoma	2,011	1,084	927	266	138	128	5,204	2,853	2,351
Myeloma	687	341	346	176	85	91	2,600	1,345	1,255
Leukemia	1,815	1,030	785	261	142	119	5,542	3,150	2,392
Acute lymphocitic	220	119	101	46	30	16	1,217	712	505
Chronic lymphocitic	92	62	30	27	-	-	392	236	156
Acute myeloid	806	441	365	98	44	54	1,923	1,063	860
Chronic myeloid	164	101	63	24	-	-	466	280	186
All others	533	307	226	66	38	28	1,544	859	685
All Sites	50,404	26,303	24,101	7,623	3,836	3,787	114,968	60,707	54,261

Source: NCHS public use data file for the total US.

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

^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.

Mortality data for Hispanics are based on NHIA and exclude cases from Minnesota, New Hampshire and North Dakota.

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

Table A-4

STANDARD ERRORS OF DEATH RATES, 2000-2004By 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	0.03	0.01	0.01	0.03	0.01	0.05	0.11	0.05
Esophagus	0.02	0.04	0.01	0.02	0.04	0.02	0.07	0.14	0.06
Stomach	0.02	0.03	0.02	0.02	0.03	0.02	0.08	0.16	0.09
Colon & Rectum	0.04	0.06	0.04	0.04	0.07	0.05	0.15	0.27	0.17
Colon	0.03	0.06	0.04	0.04	0.06	0.04	0.14	0.25	0.16
Rectum	0.01	0.03	0.02	0.02	0.03	0.02	0.05	0.10	0.06
Liver & IBD ^a	0.02	0.03	0.02	0.02	0.03	0.02	0.07	0.14	0.07
Pancreas	0.03	0.05	0.03	0.03	0.05	0.04	0.11	0.18	0.13
Larynx	0.01	0.02	0.01	0.01	0.02	0.01	0.04	0.10	0.03
Lung & Bronchus	0.06	0.11	0.07	0.07	0.12	0.08	0.22	0.45	0.23
Melanoma of the skin	0.01	0.03	0.01	0.02	0.03	0.02	0.02	0.03	0.02
Breast	0.03	0.01	0.06	0.03	0.01	0.06	0.12	0.04	0.20
Cervix uteri	0.01	-	0.02	0.01	-	0.02	0.05	-	0.08
Corpus & Uterus, NOS	0.01	-	0.02	0.01	-	0.02	0.06	-	0.10
Ovary	0.02	-	0.03	0.02	-	0.04	0.06	-	0.10
Prostate	0.03	0.07	-	0.03	0.07	-	0.14	0.40	-
Testis	0.00	0.01	-	0.00	0.01	-	0.01	0.02	-
Urinary bladder	0.02	0.04	0.02	0.02	0.04	0.02	0.06	0.11	0.06
Kidney & Renal pelvis	0.02	0.03	0.02	0.02	0.03	0.02	0.06	0.11	0.06
Brain & ONS ^a	0.02	0.03	0.02	0.02	0.03	0.02	0.04	0.08	0.05
Thyroid	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.03
Hodgkin lymphoma	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.03	0.02
Non-Hodgkin lymphoma	0.02	0.04	0.03	0.03	0.04	0.03	0.06	0.11	0.07
Myeloma	0.02	0.03	0.02	0.02	0.03	0.02	0.08	0.14	0.09
Leukemia	0.02	0.04	0.03	0.02	0.04	0.03	0.07	0.14	0.08
Acute lymphocitic	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.03	0.02
Chronic lymphocitic	0.01	0.02	0.01	0.01	0.02	0.01	0.03	0.07	0.04
Acute myeloid	0.01	0.02	0.02	0.02	0.03	0.02	0.04	0.07	0.05
Chronic myeloid	0.01	0.01	0.01	0.01	0.01	0.01	0.02	0.04	0.02
All others	0.01	0.02	0.01	0.01	0.02	0.02	0.04	0.08	0.05
All Sites	0.12	0.20	0.14	0.12	0.21	0.15	0.43	0.84	0.49

Source: NCHS public use data file for the total US.

^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, 2000-2004By 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	0.07	0.13	0.07	0.23	0.43	0.24	0.04	0.09	0.04
Esophagus	0.07	0.13	0.06	0.29	0.61	0.25	0.05	0.11	0.05
Stomach	0.14	0.26	0.17	0.41	0.76	0.47	0.09	0.17	0.10
Colon & Rectum	0.18	0.30	0.21	0.63	1.10	0.77	0.13	0.23	0.16
Colon	0.16	0.28	0.20	0.57	0.99	0.70	0.12	0.22	0.14
Rectum	0.07	0.13	0.08	0.27	0.48	0.32	0.05	0.09	0.06
Liver & IBD ^c	0.16	0.29	0.17	0.44	0.76	0.52	0.10	0.17	0.10
Pancreas	0.14	0.22	0.18	0.41	0.64	0.55	0.10	0.17	0.13
Larynx	0.03	0.07	0.02	0.16	0.33	-	0.03	0.08	0.02
Lung & Bronchus	0.26	0.48	0.28	0.96	1.67	1.14	0.17	0.34	0.18
Melanoma of the skin	0.03	0.05	0.03	0.15	0.27	0.17	0.03	0.05	0.03
Breast	0.12	0.02	0.22	0.44	-	0.77	0.10	0.02	0.18
Cervix uteri	0.05	-	0.10	0.21	-	0.37	0.04	-	0.08
Corpus & Uterus, NOS	0.05	-	0.10	0.19	-	0.34	0.05	-	0.08
Ovary	0.08	-	0.14	0.30	-	0.52	0.06	-	0.11
Prostate	0.12	0.29	-	0.48	1.26	-	0.11	0.29	-
Testis	0.01	0.02	-	-	-	-	0.01	0.02	-
Urinary bladder	0.07	0.14	0.07	0.22	0.47	0.21	0.06	0.12	0.06
Kidney & Renal pelvis	0.06	0.12	0.07	0.38	0.69	0.41	0.07	0.13	0.07
Brain & ONS ^c	0.07	0.11	0.08	0.20	0.33	0.25	0.05	0.09	0.07
Thyroid	0.04	0.05	0.05	0.11	-	0.17	0.03	0.04	0.04
Hodgkin lymphoma	0.02	0.04	0.03	0.09	-	-	0.02	0.04	0.03
Non-Hodgkin lymphoma	0.11	0.19	0.13	0.36	0.57	0.45	0.08	0.14	0.10
Myeloma	0.06	0.11	0.08	0.30	0.50	0.38	0.06	0.11	0.08
Leukemia	0.10	0.17	0.11	0.33	0.54	0.40	0.08	0.14	0.09
Acute lymphocitic	0.03	0.04	0.03	0.09	0.15	0.12	0.02	0.03	0.03
Chronic lymphocitic	0.03	0.05	0.03	0.13	-	-	0.03	0.05	0.03
Acute myeloid	0.06	0.11	0.07	0.20	0.33	0.25	0.04	0.08	0.05
Chronic myeloid	0.03	0.04	0.03	0.10	-	-	0.02	0.04	0.03
All others	0.06	0.10	0.06	0.17	0.29	0.20	0.05	0.08	0.05
All Sites	0.54	0.93	0.64	1.93	3.31	2.37	0.40	0.72	0.47

Source: NCHS public use data file for the total US.

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

^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.

Mortality data for Hispanics are based on NHIA and exclude cases from Minnesota, New Hampshire and North Dakota.

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

Table A-5

SEER Site Recode ICD-O-3 (1/27/2003) Definition

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)	Recode
Oral Cavity and Pharynx			
Lip	C000-C009		20010
Tongue	C019-C029		20020
Salivary Gland	C079-C089		20030
Floor of Mouth	C040-C049		20040
Gum and Other Mouth	C030-C039, C050-C059, C060-C069	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	20050
Nasopharynx	C110-C119		20060
Tonsil	C090-C099		20070
Oropharynx	C100-C109		20080
Hypopharynx	C129, C130-C139		20090
Other Oral Cavity and Pharynx	C140, C142-C148		20100
Digestive System			
Esophagus	C150-C159	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	21010
Stomach	C160-C169		21020
Small Intestine	C170-C179		21030
Colon and Rectum			
Colon excluding Rectum			
Cecum	C180		21041
Appendix	C181		21042
Ascending Colon	C182		21043
Hepatic Flexure	C183	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	21044
Transverse Colon	C184		21045
Splenic Flexure	C185		21046
Descending Colon	C186		21047
Sigmoid Colon	C187		21048
Large Intestine, NOS	C188-C189, C260		21049
Rectum and Rectosigmoid Junction			
Rectosigmoid Junction	C199	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	21051
Rectum	C209		21052
Anus, Anal Canal and Anorectum	C210-C212, C218		21060
Liver and Intrahepatic Bile Duct			
Liver	C220		21071
Intrahepatic Bile Duct	C221		21072
Gallbladder	C239	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	21080
Other Biliary	C240-C249		21090
Pancreas	C250-C259		21100
Retroperitoneum	C480		21110
Peritoneum, Omentum and Mesentery	C481-C482		21120
Other Digestive Organs	C268-C269, C488		21130
Respiratory System			
Nose, Nasal Cavity and Middle Ear	C300-C301, C310-C319		22010
Larynx	C320-C329		22020
Lung and Bronchus	C340-C349	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	22030
Pleura	C384		22050
Trachea, Mediastinum and Other Respiratory Organs	C339, C381-C383, C388 C390, C398, C399		22060
Bones and Joints	C400-C419	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	23000
Soft Tissue including Heart	C380, C470-C479, C490-C499	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	24000
Skin excluding Basal and Squamous			
Melanoma of the Skin	C440-C449	8720-8790	25010
Other Non-Epithelial Skin	C440-C449	excluding 8000-8005, 8010-8045, 8050-8084, 8090-8110, 8720-8790, 9590-9989, and sometimes 9050-9055, 9140 ⁺	25020
Breast	C500-C509	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	26000
Female Genital System			
Cervix Uteri	C530-C539		27010
Corpus and Uterus, NOS			
Corpus Uteri	C540-C549		27020
Uterus, NOS	C559	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	27030
Ovary	C569		27040
Vagina	C529		27050
Vulva	C510-C519		27060
Other Female Genital Organs	C570-C589		27070

Table A-5 - continued

SEER Site Recode ICD-O-3 (1/27/2003) Definition

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)	Recode
Male Genital System			
Prostate	C619		28010
Testis	C620-C629	excluding 9590-9989, and	28020
Penis	C600-C609	sometimes 9050-9055, 9140 ⁺	28030
Other Male Genital Organs	C630-C639		28040
Urinary System			
Urinary Bladder	C670-C679		29010
Kidney and Renal Pelvis	C649, C659	excluding 9590-9989, and	29020
Ureter	C669	sometimes 9050-9055, 9140 ⁺	29030
Other Urinary Organs	C680-C689		29040
Eye and Orbit	C690-C699	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	30000
Brain and Other Nervous System			
Brain	C710-C719	excluding 9530-9539, 9590-9989, and sometimes 9050-9055, 9140 ⁺	31010
Cranial Nerves Other Nervous System	C710-C719 C700-C709, C720-C729	9530-9539 excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	31040
Endocrine System			
Thyroid	C739	excluding 9590-9989, and	32010
Other Endocrine including Thymus	C379, C740-C749, C750-C759	sometimes 9050-9055, 9140 ⁺	32020
Lymphoma			
Hodgkin Lymphoma			
Hodgkin - Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779	9650-9667	33011
Hodgkin - Extranodal	All other sites		33012
Non-Hodgkin Lymphoma			
NHL - Nodal	C024, C098-C099, C111, C142, C379, C422, C770-C779	9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729, 9823, 9827	33041
NHL - Extranodal	All sites except C024, C098-C099, C111, C142, C379, C422, C770-C779	9590-9596, 9670-9671, 9673, 9675, 9678-9680, 9684, 9687, 9689-9691, 9695, 9698-9702, 9705, 9708-9709, 9714-9719, 9727-9729	33042
	All sites except C024, C098- C099, C111, C142, C379, C420-C422, C424, C770-C779	9823, 9827	
Myeloma		9731-9732, 9734	34000
Leukemia			
Lymphocytic Leukemia			
Acute Lymphocytic Leukemia		9826, 9835-9837	35011
Chronic Lymphocytic Leukemia	C420-C421, C424	9823	35012
Other Lymphocytic Leukemia		9820, 9832-9834, 9940	35013
Myeloid and Monocytic Leukemia			
Acute Myeloid Leukemia		9840, 9861, 9866, 9867, 9871-9874, 9895-9897, 9910, 9920	35021
Acute Monocytic Leukemia		9891	35031
Chronic Myeloid Leukemia		9863, 9875, 9876, 9945, 9946	35022
Other Myeloid/Monocytic Leukemia		9860, 9930	35023
Other Leukemia			
Other Acute Leukemia		9801, 9805, 9931	35041
Aleukemic, Subleukemic and NOS		9733, 9742, 9800, 9831, 9870, 9948, 9963, 9964	35043
	C420, C421, C424	9827	
Mesothelioma ⁺		9050-9055	36010
Kaposi Sarcoma ⁺		9140	36020
Miscellaneous		9740-9741, 9750-9758, 9760-9769, 9950, 9960-9962, 9970, 9975, 9980, 9982-9987, 9989	37000
	C420-C424, C760-C768 C770-C779, C809	excluding 9590-9989, and sometimes 9050-9055, 9140 ⁺	
Invalid	Site or histology code not within valid range or site code not found in this table		99999

⁺ The Site Recode variable can be created with or without Mesothelioma (9050-9055) and Kaposi Sarcoma (9140) as separate groupings. The table above documents both possibilities.

Table A-6

International Classification of Childhood Cancer (ICCC)^a Definition

Site Group	ICD-0-3 Morphology	ICD-0-3 Topography
I. Leukemias, myeloproliferative diseases, and myelodysplastic diseases		
a. Lymphoid leukemias	9820, 9823, 9826, 9827, 9831-9837, 9940, 9948	
b. Acute myeloid leukemias	9840, 9861, 9866, 9867, 9870-9874, 9891, 9895-9897, 9910, 9920, 9931	
c. Chronic myeloproliferative diseases	9863, 9875, 9876, 9950, 9960-9964	
d. Myelodysplastic syndrome and other myeloproliferative diseases	9945, 9946, 9975, 9980, 9982-9987, 9989	
e. Unspecified and other specified leukemias	9800, 9801, 9805, 9860, 9930	
II. Lymphomas and reticuloendothelial neoplasms		
a. Hodgkin lymphomas	9650-9655, 9659, 9661-9665, 9667	
b. Non-Hodgkin lymphomas (except Burkitt lymphoma)	9591, 9670, 9671, 9673, 9675, 9678-9680, 9684, 9689-9691, 9695, 9698-9702, 9705, 9708, 9709, 9714, 9716-9719, 9727-9729, 9731-9734, 9760-9762, 9764-9769, 9970	
c. Burkitt lymphoma	9687	
d. Miscellaneous lymphoreticular neoplasms	9740-9742, 9750, 9754-9758	
e. Unspecified lymphomas	9590, 9596	
III. CNS and miscellaneous intracranial and intraspinal neoplasms		
a. Ependymomas and choroid plexus tumor	9383, 9390-9394b	
b. Astrocytomas	9380 ^b 9384, 9400-9411, 9420, 9421-9424, 9440-9442 ^b	C72.3
c. Intracranial and intraspinal embryonal tumors	9470-9474, 9480, 9508 ^b 9501-9504 ^b	C70.0-C72.9
d. Other gliomas	9380 ^b 9381, 9382, 9430, 9444, 9450, 9451, 9460 ^b	C70.0-C72.2, C72.4-C72.9, C75.1, C75.3
e. Other specified intracranial and intraspinal neoplasms	8270-8281, 8300, 9350-9352, 9360-9362, 9412, 9413, 9492, 9493, 9505-9507, 9530-9539, 9582 ^b	
f. Unspecified intracranial and intraspinal neoplasms	8000-8005 ^b	C70.0-C72.9, C75.1-C75.3
IV. Neuroblastoma and other peripheral nervous cell tumors		
a. Neuroblastoma and ganglioneuroblastoma	9490, 9500	
b. Other peripheral nervous cell tumors	8680-8683, 8690-8693, 8700, 9520-9523 9501-9504	C00.0-C69.9, C73.9-C76.8, C80.9
V. Retinoblastoma	9510-9514	
VI. Renal tumors		
a. Nephroblastoma and other nonepithelial renal tumors	8959, 8960, 8964-8967 8963, 9364	C64.9
b. Renal carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8143, 8155, 8190-8201, 8210, 8211, 8221-8231, 8240, 8241, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8576 8311, 8312, 8316-8319, 8361	C64.9
c. Unspecified malignant renal tumors	8000-8005	C64.9
VII. Hepatic tumors		
a. Hepatoblastoma	8970	
b. Hepatic carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8140, 8141, 8143, 8155, 8190-8201, 8210, 8211, 8230, 8231, 8240, 8241, 8244-8246, 8260-8264, 8310, 8320, 8323, 8401, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8576 8160-8180	C22.0, C22.1
c. Unspecified malignant hepatic tumors	8000-8005	C22.0, C22.1

^a International Classification of Childhood Cancer is based on ICD-0-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^b Tumors with nonmalignant behavior are included for all morphology codes on the line. CNS: central nervous system.

Table A-6 - continued

International Classification of Childhood Cancer (ICCC)^a Definition

Site Group	ICD-0-3 Morphology	ICD-0-3 Topography
VIII. Malignant bone tumors		
a. Osteosarcomas	9180-9187, 9191-9195, 9200	C40.0-C41.9, C76.0-C76.8, C80.9
b. Chondrosarcomas	9210, 9220, 9240	C40.0-C41.9, C76.0-C76.8, C80.9
	9221, 9230, 9241-9243	
c. Ewing tumor and related sarcomas of bone	9260	C40.0-C41.9, C76.0-C76.8, C80.9
	9363-9365	C40.0-C41.9
d. Other specified malignant bone tumors	8810, 8811, 8823, 8830 8812, 9250, 9261, 9262, 9270-9275, 9280-9282, 9290, 9300-9302, 9310-9312, 9320-9322, 9330, 9340-9342, 9370-9372	C40.0-C41.9
e. Unspecified malignant bone tumors	8000-8005, 8800, 8801, 8803-8805	C40.0-C41.9
IX. Soft tissue and <STYLE> other extraosseous sarcomas		
a. Rhabdomyosarcomas	8900-8905, 8910, 8912, 8920, 8991	
b. Fibrosarcomas, peripheral nerve sheath tumors, and other fibrous neoplasms	8810, 8811, 8813-8815, 8821, 8823, 8834-8835	C00.0-C39.9, C44.0-C76.8, C80.9
	8820, 8822, 8824-8827, 9150, 9160, 9491, 9540-9571, 9580	
c. Kaposi sarcoma	9140	
d. Other specified soft tissue sarcomas	8587, 8710-8713, 8806, 8831-8833, 8836, 8840-8842, 8850-8858, 8860-8862, 8870, 8880, 8881, 8890-8898, 8921, 8982, 8990, 9040-9044, 9120-9125, 9130-9133, 9135, 9136, 9141, 9142, 9161, 9170-9175, 9231, 9251, 9252, 9373, 9581	
	8830	C00.0-C39.9, C44.0-C76.8, C80.9
	8963	C00.0-C63.9, C65.9- C69.9, C73.9-C76.8, C80.9
	9180, 9210, 9220, 9240	C49.0-C49.9
	9260	C00.0-C39.9, C47.0-C75.9
	9364	C00.0-C39.9, C47.0- C63.9, C65.9-C69.9, C73.9-C76.8, C80.9
	9365	C00.0-C39.9, C47.0- C63.9, C65.9-C76.8, C80.9
e. Unspecified soft tissue sarcomas	8800-8805	C00.0-C39.9, C44.0-C76.8
X. Germ cell tumors, trophoblastic tumors, and neoplasms of gonads		
a. Intracranial and intraspinal germ cell tumors	9060-9065, 9070-9072, 9080-9085, 9100, 9101 ^b	C70.0-C72.9, C75.1-C75.3
b. Malignant extracranial and extragonadal germ cell tumors	9060-9065, 9070-9072, 9080-9085, 9100-9105	C00.0-C55.9, C57.0- C61.9, C63.0-C69.9, C73.9-C75.0, C75.4- C76.8, C80.9
c. Malignant gonadal germ cell tumors	9060-9065, 9070-9073, 9080-9085, 9090, 9091, 9100, 9101	C56.9, C62.0-C62.9
d. Gonadal carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8143, 8190-8201, 8210, 8211, 8221-8241, 8244-8246, 8260-8263, 8290, 8310, 8313, 8320, 8323, 8380-8384, 8430, 8440, 8480-8490, 8504, 8510, 8550, 8560-8573, 9000, 9014, 9015	C56.9, C62.0-C62.9
	8441-8444, 8450, 8451, 8460-8473	
e. Other and unspecified malignant gonadal tumors	8590-8671 8000-8005	C56.9, C62.0-C62.9

^a International Classification of Childhood Cancer is based on ICD-0-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^b Tumors with nonmalignant behavior are included for all morphology codes on the line. CNS: central nervous system.

Table A-6 - continued

International Classification of Childhood Cancer (ICCC)^a Definition

Site Group	ICD-0-3 Morphology	ICD-0-3 Topography
XI. Other malignant epithelial neoplasms and malignant melanomas		
a. Adrenocortical carcinomas	8370-8375	
b. Thyroid carcinomas	8010-8041, 8050-8075, 8082, 8120-8122, 8130-8141, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8510, 8560-8573	C73.9
c. Nasopharyngeal carcinomas	8330-8337, 8340-8347, 8350	
d. Malignant melanomas	8010-8041, 8050-8075, 8082, 8083, 8120-8122, 8130-8141, 8190, 8200, 8201, 8211, 8230, 8231, 8244-8246, 8260-8263, 8290, 8310, 8320, 8323, 8430, 8440, 8480, 8481, 8500-8576	C11.0-C11.9
e. Skin carcinomas	8720-8780, 8790	
f. Other and unspecified carcinomas	8010-8041, 8050-8075, 8078, 8082, 8090-8110, 8140, 8143, 8147, 8190, 8200, 8240, 8246, 8247, 8260, 8310, 8320, 8323, 8390-8420, 8430, 8480, 8542, 8560, 8570-8573, 8940, 8941	C44.0-C44.9
	8010-8084, 8120-8157, 8190-8264, 8290, 8310, 8313-8315, 8320-8325, 8360, 8380-8384, 8430-8440, 8452-8454, 8480-8586, 8588-8589, 8940, 8941, 8983, 9000, 9010-9016, 9020, 9030	C00.0-C10.9, C12.9-C21.8, C23.9-C39.9, C48.0-C48.8, C50.0-C55.9, C57.0-C61.9, C63.0-C63.9, C65.9-C72.9, C75.0-C76.8, C80.9
XII. Other and unspecified malignant neoplasms		
a. Other specified malignant tumors	8930-8936, 8950, 8951, 8971-8981, 9050-9055, 9110	
	9363	C00.0-C39.9, C47.0-C75.9
b. Other unspecified malignant tumors	8000-8005	C00.0-C21.8, C23.9-C39.9, C42.0-C55.9, C57.0-C61.9, C63.0-C63.9, C65.9-C69.9, C73.9-C75.0, C75.4-C80.9

^a International Classification of Childhood Cancer is based on ICD-0-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^b Tumors with nonmalignant behavior are included for all morphology codes on the line. CNS: central nervous system.

Table A-7

SEER Cause of Death Recode 1969+ (9/17/2004) Definition

Cancer Causes of Death	ICD-9 (1979-1998) #	ICD-10 (1999+) #
All Malignant Cancers	140-208, 238.6	C00-C97
Oral Cavity and Pharynx		
Lip	140	C00
Tongue	141	C01-C02
Salivary Gland	142	C07-C08
Floor of Mouth	144	C04
Gum and Other Mouth	143, 145	C03, C05-C06
Nasopharynx	147	C11
Tonsil	146.0-146.2	C09
Oropharynx	146.3-146.9	C10
Hypopharynx	148	C12-C13
Other Oral Cavity and Pharynx	149	C14
Digestive System		
Esophagus	150	C15
Stomach	151	C16
Small Intestine	152	C17
Colon and Rectum		
Colon excluding Rectum	153, 159.0	C18, C26.0
Rectum and Rectosigmoid Junction	154.0-154.1	C19-C20
Anus, Anal Canal and Anorectum	154.2-154.3, 154.8	C21
Liver and Intrahepatic Bile Duct		
Liver	155.0, 155.2	C22.0, C22.2-C22.4, C22.7, C22.9
Intrahepatic Bile Duct	155.1	C22.1
Gallbladder	156.0	C23
Other Biliary	156.1-156.2, 156.8-156.9	C24
Pancreas	157	C25
Retroperitoneum	158.0	C48.0
Peritoneum, Omentum and Mesentery	158.8-158.9	C45.1 ⁺ , C48.1-C48.2
Other Digestive Organs	159.8-159.9	C26.8-C26.9, C48.8
Respiratory System		
Nose, Nasal Cavity and Middle Ear	160	C30-C31
Larynx	161	C32
Lung and Bronchus	162.2-162.5, 162.8-162.9	C34
Pleura	163	C38.4, C45.0 ⁺
Trachea, Mediastinum and Other Respiratory Organs	162.0, 164.2-164.3, 164.8-164.9, 165	C33, C38.1-C38.3, C38.8, C39
Bones and Joints	170	C40-C41
Soft Tissue including Heart §	164.1, 171	C47, C49, C38.0, C45.2 ⁺
Skin excluding Basal and Squamous		
Melanoma of the Skin	172	C43
Other Non-Epithelial Skin	173	C44, C46 ⁺
Breast	174-175	C50
Female Genital System		
Cervix Uteri	180	C53
Corpus and Uterus, NOS		
Corpus Uteri	182	C54
Uterus, NOS	179	C55
Ovary	183.0	C56
Vagina	184.0	C52
Vulva	184.1-184.4	C51
Other Female Genital Organs	181, 183.2-183.5, 183.8-183.9, 184.8-184.9	C57-C58
Male Genital System		
Prostate	185	C61
Testis	186	C62
Penis	187.1-187.4	C60
Other Male Genital Organs	187.5-187.9	C63
Urinary System		
Urinary Bladder	188	C67
Kidney and Renal Pelvis	189.0-189.1	C64-C65
Ureter	189.2	C66
Other Urinary Organs	189.3-189.4, 189.8-189.9	C68
Eye and Orbit	190	C69
Brain and Other Nervous System	191, 192	C70, C71, C72
Endocrine System		
Thyroid	193	C73
Other Endocrine including Thymus [§]	164.0, 194	C37, C74-C75
Lymphoma		
Hodgkin Lymphoma	201	C81
Non-Hodgkin Lymphoma	200, 202.0-202.2, 202.8-202.9	C82-C85, C96.3

Table A-7 - continued

SEER Cause of Death Recode 1969+ (9/17/2004) Definition

Cancer Causes of Death	ICD-9 (1979-1998) #	ICD-10 (1999+) #
Myeloma	203.0, 238.6	C90.0, C90.2
Leukemia		
Lymphocytic Leukemia		
Acute Lymphocytic Leukemia	204.0	C91.0
Chronic Lymphocytic Leukemia	204.1	C91.1
Other Lymphocytic Leukemia	202.4, 204.2, 204.8-204.9	C91.2-C91.4, C91.7, C91.9
Myeloid and Monocytic Leukemia		
Acute Myeloid Leukemia	205.0, 207.0, 207.2	C92.0, C92.4-C92.5, C94.0, C94.2
Acute Monocytic Leukemia	206.0	C93.0
Chronic Myeloid Leukemia	205.1	C92.1
Other Myeloid/Monocytic Leukemia	205.2-205.3, 205.8-205.9, 206.1-206.2, 206.8-206.9	C92.2-C92.3, C92.7, C92.9, C93.1-C93.2, C93.7, C93.9
Other Leukemia		
Other Acute Leukemia	208.0	C94.4, C94.5, C95.0
Aleukemic, Subleukemic and NOS	203.1, 207.1, 207.8, 208.1-208.2, 208.8-208.9	C90.1, C91.5, C94.1, C94.3, C94.7, C95.1, C95.2, C95.7, C95.9
Mesothelioma (ICD-10 only) *	N/A	C45*
Kaposi Sarcoma (ICD-10 only) *	N/A	C46*
Miscellaneous	159.1, 195-199, 202.3, 202.5-202.6, 203.8	C26.1, C45.7*, C45.9*, C76-C80, C88, C96.0-C96.2, C96.7, C96.9, C97

Non-Cancer Causes of Death	ICD-8 (1968-1978) #	ICD-9 (1979-1998) #	ICD-10 (1999+) #
In situ, benign or unknown behavior neoplasm	208-239	210-237, 238.0-238.5, 238.7-238.9, 239	D00-D48
Tuberculosis	010-018	010-018	A15-A19
Syphilis	090-097	090-097	A50-A53
Human Immunodeficiency Virus (1987+)	N/A	042-044	B20-B24
Septicemia	038	038	A40-A41
Other Infectious and Parasitic Diseases	001-009, 020-037, 039-043, 045-065, 067-076, 078-089, 098-130.1, 130.3-136	001-009, 020-037, 039-041, 045-088, 098-139	A00-A09, A20-A33, A35-A39, A42-A49, A54-B19, B25-B99
Diabetes Mellitus	250	250	E10-E14
Alzheimers (ICD-9 and 10 only)	N/A	331.0	G30
Diseases of Heart	390-398, 402, 404, 410-429	390-398, 402, 404, 410-429	I00-I09, I11, I13, I20-I51
Hypertension without Heart Disease	400-401, 403	401, 403	I10, I12
Cerebrovascular Diseases	430-438	430-438	I60-I69
Atherosclerosis	440	440	I70
Aortic Aneurysm and Dissection	441	441	I71
Other Diseases of Arteries, Arterioles, Capillaries	442-448	442-448	I72-I78
Pneumonia and Influenza	470-474, 480-486	480-487	J10-J18
Chronic Obstructive Pulmonary Disease and Allied Cond	490-493, 519.3	490-496	J40-J47
Stomach and Duodenal Ulcers	531-533	531-533	K25-K28
Chronic Liver Disease and Cirrhosis	571	571	K70, K73-K74
Nephritis, Nephrotic Syndrome and Nephrosis	580-584, 593.0-593.3, 593.5	580-589	N00-N07, N17-N19, N25-N27
Complications of Pregnancy, Childbirth, Puerperium	630-678	630-676	A34, O00-O95, O98-O99
Congenital Anomalies	740-759	740-759	Q00-Q99
Certain Conditions Originating in Perinatal Period	760-779	760-779	P00-P96
Symptoms, Signs and Ill-Defined Conditions	780-796	780-799	R00-R99
Accidents and Adverse Effects	800-949*	800-949*	V01-X59, Y85-Y86
Suicide and Self-Inflicted Injury	950-959*	950-959*	U03, X60-X84, Y87.0
Homicide and Legal Intervention	960-978*	960-978*	U01-U02, X85-Y09, Y35, Y87.1, Y89.0

All ICD codes are tested for validity prior to generating this variable. Those deemed invalid are classified as Unknown/missing/invalid COD. Those deemed valid but not meeting the definition of any above grouping are classified as Other Cause of Death.

+ This variable can be created with or without Mesothelioma (C45) and Kaposi Sarcoma (C46) as separate groupings. The table above documents both possibilities. Note this is only possible with ICD-10.

\$ ICD-8 code 192.5 is coded to Other Endocrine including Thymus for age at death less than 20 years and Soft Tissue including Heart for age at death 20+ years.

* External causes of injury and poisoning.

Table A-8

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

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.	287,958,609	141,524,256	146,434,354	234,398,955	115,807,889	118,591,066	37,675,484	17,952,210	19,723,274
CHSDA counties ^a	-	-	-	-	-	-	-	-	-
Non-CHSDA counties ^a	-	-	-	-	-	-	-	-	-
Alabama	4,485,435	2,170,273	2,315,162	3,236,506	1,587,622	1,648,884	1,187,005	552,325	634,681
Alaska	641,343	331,563	309,780	468,618	244,977	223,641	28,422	14,871	13,551
Arizona	5,443,549	2,720,624	2,722,924	4,816,467	2,409,224	2,407,243	203,309	105,620	97,689
Arkansas	2,710,573	1,325,597	1,384,976	2,230,796	1,098,184	1,132,612	433,718	205,022	228,696
California	34,963,229	17,437,532	17,525,697	27,476,181	13,792,779	13,683,402	2,557,804	1,254,555	1,303,248
Colorado	4,480,448	2,258,763	2,221,685	4,096,581	2,065,157	2,031,424	200,175	104,032	96,143
Connecticut	3,457,591	1,676,690	1,780,901	2,982,324	1,447,935	1,534,389	358,133	170,703	187,429
Delaware	807,104	392,640	414,464	617,889	302,481	315,408	165,571	78,601	86,969
Dist. of Columbia	563,415	265,915	297,500	204,180	102,614	101,565	339,086	154,283	184,803
Florida	16,691,222	8,162,772	8,528,450	13,638,573	6,692,185	6,946,388	2,622,829	1,263,612	1,359,217
Georgia	8,578,493	4,231,625	4,346,867	5,789,939	2,904,886	2,885,053	2,539,185	1,202,125	1,337,060
Hawaii	1,235,741	618,397	617,344	300,930	160,942	139,988	34,223	19,906	14,316
Idaho	1,345,613	674,570	671,043	1,299,679	651,553	648,126	9,094	5,126	3,968
Illinois	12,581,408	6,169,966	6,411,442	10,084,681	4,986,057	5,098,624	1,952,370	915,779	1,036,591
Indiana	6,159,035	3,026,419	3,132,616	5,513,620	2,714,891	2,798,729	553,110	265,462	287,648
Iowa	2,937,668	1,443,662	1,494,006	2,812,177	1,379,798	1,432,379	73,496	38,065	35,431
Kansas	2,712,785	1,343,980	1,368,805	2,454,390	1,214,456	1,239,934	171,407	86,244	85,163
Kentucky	4,092,608	2,004,519	2,088,089	3,731,283	1,827,739	1,903,544	315,561	154,238	161,323
Louisiana	4,481,364	2,173,391	2,307,973	2,907,749	1,428,467	1,479,282	1,482,685	699,199	783,486
Maine	1,296,791	632,101	664,690	1,267,750	617,510	650,240	10,207	5,839	4,368
Maryland	5,441,442	2,631,547	2,809,895	3,578,190	1,755,327	1,822,863	1,589,309	743,804	845,505
Massachusetts	6,398,679	3,090,781	3,307,899	5,646,019	2,724,551	2,921,468	443,335	214,035	229,300
Michigan	10,036,101	4,927,015	5,109,086	8,263,013	4,079,132	4,183,881	1,484,282	703,807	780,474
Minnesota	5,020,022	2,488,806	2,531,216	4,571,874	2,262,321	2,309,553	215,295	111,276	104,019
Mississippi	2,870,848	1,390,044	1,480,804	1,778,503	876,081	902,422	1,058,298	497,571	560,727

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

^a 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-8 - continued

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

By State, Race/Ethnicity and Sex

State	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Missouri	5,681,777	2,769,655	2,912,122	4,906,386	2,402,900	2,503,486	667,144	313,684	353,461
Montana	912,962	455,119	457,842	841,314	419,582	421,732	4,680	2,722	1,957
Nebraska	1,728,939	853,550	875,389	1,607,400	793,575	813,824	78,000	38,639	39,362
Nevada	2,171,101	1,105,805	1,065,297	1,834,028	940,996	893,033	170,229	85,942	84,286
New Hampshire	1,272,106	626,535	645,571	1,234,623	607,231	627,392	13,088	7,194	5,894
New Jersey	8,567,970	4,165,442	4,402,529	6,690,826	3,262,853	3,427,973	1,269,353	600,808	668,545
New Mexico	1,858,358	913,842	944,516	1,591,226	783,342	807,883	46,673	24,405	22,268
New York	19,152,722	9,250,521	9,902,202	14,328,228	6,973,490	7,354,738	3,456,768	1,599,037	1,857,732
North Carolina	8,310,461	4,079,450	4,231,011	6,216,822	3,086,918	3,129,904	1,838,073	866,572	971,501
North Dakota	636,064	317,457	318,608	593,213	295,996	297,216	5,344	3,139	2,204
Ohio	11,407,069	5,547,597	5,859,472	9,825,777	4,794,116	5,031,661	1,389,282	659,217	730,065
Oklahoma	3,487,128	1,718,554	1,768,573	2,825,060	1,392,798	1,432,263	286,658	141,653	145,005
Oregon	3,516,188	1,746,023	1,770,165	3,250,008	1,613,612	1,636,397	74,501	39,422	35,078
Pennsylvania	12,333,239	5,967,090	6,366,149	10,729,078	5,202,452	5,526,626	1,319,911	624,653	695,258
Rhode Island	1,066,660	513,533	553,128	961,467	461,743	499,724	68,609	34,035	34,574
South Carolina	4,106,078	1,997,531	2,108,546	2,820,110	1,393,069	1,427,041	1,225,317	574,885	650,431
South Dakota	761,879	378,355	383,525	682,406	338,508	343,898	7,122	4,314	2,808
Tennessee	5,795,016	2,828,887	2,966,128	4,728,289	2,324,004	2,404,285	979,592	461,931	517,661
Texas	21,715,208	10,801,598	10,913,610	18,258,883	9,119,574	9,139,309	2,587,652	1,249,919	1,337,733
Utah	2,333,390	1,170,703	1,162,687	2,209,113	1,107,936	1,101,177	26,098	14,479	11,619
Vermont	615,872	302,539	313,333	602,675	295,828	306,847	4,456	2,522	1,934
Virginia	7,289,360	3,581,980	3,707,380	5,457,281	2,702,278	2,755,004	1,482,357	710,536	771,820
Washington	6,061,624	3,021,191	3,040,433	5,280,890	2,635,551	2,645,339	245,439	130,223	115,216
West Virginia	1,807,261	881,208	926,053	1,732,328	843,397	888,930	61,069	30,943	30,126
Wisconsin	5,438,665	2,689,707	2,748,957	4,945,569	2,448,670	2,496,899	334,950	162,319	172,631
Wyoming	499,006	251,194	247,812	478,043	240,599	237,444	5,212	2,916	2,297

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

Table A-8 - continued

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

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.	12,837,521	6,243,734	6,593,786	3,046,650	1,520,423	1,526,227	38,492,581	19,851,280	18,641,301
CHSDA counties ^b	-	-	-	1,723,473	851,098	872,374	-	-	-
Non-CHSDA counties ^b	-	-	-	1,323,177	669,325	653,853	-	-	-
Alabama	37,738	18,147	19,591	24,186	12,180	12,006	87,505	49,450	38,054
Alaska	34,316	16,368	17,947	109,987	55,347	54,641	29,256	15,255	14,000
Arizona	129,923	62,048	67,876	293,849	143,732	150,117	1,459,639	756,049	703,591
Arkansas	26,423	12,718	13,706	19,635	9,673	9,962	104,245	57,967	46,277
California	4,442,410	2,144,804	2,297,606	486,835	245,394	241,441	11,739,309	6,018,497	5,720,812
Colorado	125,147	59,673	65,474	58,545	29,901	28,644	815,923	427,897	388,026
Connecticut	103,766	51,220	52,545	13,369	6,832	6,537	347,747	174,524	173,223
Delaware	20,206	9,812	10,395	3,439	1,746	1,693	42,898	23,014	19,883
Dist. of Columbia	17,831	7,912	9,919	2,318	1,105	1,213	46,680	24,836	21,844
Florida	356,517	168,762	187,755	73,303	38,213	35,090	3,006,331	1,509,954	1,496,377
Georgia	222,381	110,006	112,375	26,987	14,608	12,379	522,658	306,364	216,293
Hawaii	895,910	435,048	460,862	4,678	2,501	2,178	89,958	46,047	43,911
Idaho	16,137	7,584	8,552	20,704	10,307	10,398	113,380	60,723	52,656
Illinois	500,389	245,898	254,492	43,967	22,232	21,735	1,661,804	879,896	781,907
Indiana	73,664	36,414	37,250	18,642	9,653	8,989	243,353	133,040	110,314
Iowa	42,053	20,876	21,177	9,942	4,923	5,019	93,875	50,976	42,899
Kansas	57,556	28,385	29,171	29,431	14,895	14,537	205,467	110,078	95,389
Kentucky	37,165	18,044	19,121	8,599	4,498	4,102	68,823	40,297	28,526
Louisiana	63,086	31,721	31,365	27,843	14,004	13,839	116,600	59,922	56,678
Maine	10,853	4,883	5,970	7,981	3,868	4,113	10,936	5,569	5,367
Maryland	253,829	122,447	131,382	20,113	9,968	10,145	264,230	137,895	126,335
Massachusetts	288,142	141,659	146,483	21,183	10,536	10,647	464,668	230,567	234,101
Michigan	217,287	108,571	108,716	71,519	35,504	36,015	352,271	186,097	166,175
Minnesota	170,014	83,864	86,149	62,840	31,345	31,494	162,660	88,305	74,355
Mississippi	21,685	10,323	11,362	12,362	6,069	6,293	44,335	25,593	18,742

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-8 - continued

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

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	78,091	37,869	40,222	30,155	15,202	14,954	134,358	70,946	63,412
Montana	5,753	2,451	3,301	61,215	30,363	30,851	20,078	10,139	9,939
Nebraska	26,975	13,172	13,803	16,564	8,164	8,400	108,040	58,716	49,324
Nevada	132,283	61,530	70,753	34,561	17,336	17,225	466,174	248,004	218,170
New Hampshire	20,801	10,222	10,579	3,594	1,888	1,706	24,244	12,495	11,749
New Jersey	577,466	286,174	291,292	30,325	15,606	14,719	1,212,630	615,676	596,954
New Mexico	26,481	12,308	14,174	193,978	93,787	100,191	795,698	394,781	400,918
New York	1,245,007	617,322	627,685	122,719	60,672	62,047	2,991,005	1,476,716	1,514,289
North Carolina	145,923	71,513	74,410	109,643	54,447	55,196	451,070	265,451	185,619
North Dakota	4,321	2,096	2,225	33,187	16,225	16,962	8,728	4,644	4,084
Ohio	160,833	78,632	82,200	31,177	15,632	15,545	236,403	122,832	113,571
Oklahoma	58,102	28,326	29,776	317,307	155,778	161,529	202,621	109,447	93,174
Oregon	134,235	64,228	70,007	57,444	28,762	28,682	311,270	171,270	140,001
Pennsylvania	260,564	128,389	132,175	23,685	11,595	12,090	436,095	223,925	212,170
Rhode Island	29,686	14,432	15,254	6,898	3,323	3,576	102,032	50,563	51,468
South Carolina	45,198	21,685	23,513	15,453	7,892	7,561	113,167	66,630	46,537
South Dakota	5,316	2,528	2,787	67,035	33,004	34,032	13,036	6,933	6,103
Tennessee	70,478	34,180	36,299	16,656	8,772	7,884	145,799	85,354	60,445
Texas	710,401	351,435	358,966	158,272	80,670	77,602	7,258,407	3,706,449	3,551,957
Utah	64,228	31,292	32,936	33,951	16,996	16,955	230,781	123,615	107,166
Vermont	6,112	2,861	3,251	2,629	1,328	1,301	6,027	3,058	2,969
Virginia	324,501	156,280	168,221	25,221	12,885	12,336	380,432	203,515	176,917
Washington	421,225	198,567	222,657	114,070	56,850	57,221	487,420	260,136	227,284
West Virginia	10,547	5,170	5,377	3,317	1,697	1,620	13,462	7,018	6,444
Wisconsin	105,007	52,306	52,701	53,138	26,412	26,726	216,340	117,144	99,195
Wyoming	3,558	1,577	1,981	12,192	6,102	6,090	32,717	17,009	15,708

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-9

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

By SEER Registry, Race/Ethnicity and Sex

Area	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Atlanta & Rural GA	3,195,389	1,578,743	1,616,646	1,832,991	932,285	900,706	1,197,423	563,106	634,317
Metropolitan Atlanta	3,073,558	1,520,056	1,553,502	1,765,365	898,811	866,554	1,143,868	538,218	605,650
Rural Georgia	121,831	58,687	63,144	67,626	33,474	34,152	53,555	24,888	28,667
California	34,963,229	17,437,532	17,525,697	27,476,181	13,792,779	13,683,402	2,557,804	1,254,555	1,303,248
Greater Bay Area	6,556,356	3,277,082	3,279,274	4,526,561	2,288,348	2,238,214	497,266	241,487	255,779
San Francisco-Oakland, SMSA	4,155,650	2,056,121	2,099,528	2,769,289	1,392,484	1,376,805	422,311	200,810	221,501
San Jose-Monterey	2,400,707	1,220,961	1,179,746	1,757,272	895,863	861,409	74,955	40,677	34,278
Los Angeles	9,748,000	4,819,194	4,928,806	7,305,551	3,660,398	3,645,153	1,009,151	471,005	538,146
Greater California	18,658,872	9,341,256	9,317,617	15,644,069	7,844,033	7,800,036	1,051,387	542,063	509,324
Connecticut	3,457,591	1,676,690	1,780,901	2,982,324	1,447,935	1,534,389	358,133	170,703	187,429
Metropolitan Detroit	4,050,180	1,965,434	2,084,746	2,862,987	1,410,758	1,452,230	1,041,865	481,877	559,988
Hawaii	1,235,741	618,397	617,344	300,930	160,942	139,988	34,223	19,906	14,316
Iowa	2,937,668	1,443,662	1,494,006	2,812,177	1,379,798	1,432,379	73,496	38,065	35,431
Kentucky	4,092,608	2,004,519	2,088,089	3,731,283	1,827,739	1,903,544	315,561	154,238	161,323
Louisiana	4,481,364	2,173,391	2,307,973	2,907,749	1,428,467	1,479,282	1,482,685	699,199	783,486
New Jersey	8,567,970	4,165,442	4,402,529	6,690,826	3,262,853	3,427,973	1,269,353	600,808	668,545
New Mexico	1,858,358	913,842	944,516	1,591,226	783,342	807,883	46,673	24,405	22,268
Seattle-Puget Sound	4,154,392	2,071,652	2,082,740	3,493,681	1,746,141	1,747,541	214,103	112,916	101,187
Utah	2,333,390	1,170,703	1,162,687	2,209,113	1,107,936	1,101,177	26,098	14,479	11,619
9 SEER areas ^a	27,256,528	13,436,558	13,819,970	20,787,092	10,328,147	10,458,945	3,360,769	1,601,380	1,759,390
11 SEER areas ^a	39,405,234	19,476,712	19,928,522	29,849,914	14,884,408	14,965,506	4,444,875	2,113,062	2,331,813
13 SEER areas ^a	40,168,408	19,866,962	20,301,446	30,386,158	15,162,859	15,223,299	4,526,852	2,152,820	2,374,032
17 SEER areas ^a	75,969,222	37,551,569	38,417,653	59,360,084	29,525,951	29,834,133	8,645,838	4,149,128	4,496,710

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 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
The SEER 17 areas comprise the SEER 13 areas plus Greater California(California excluding SF/SJM/LA), Kentucky, Louisiana and New Jersey

Table A-9 - continued

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

By SEER Registry, Race/Ethnicity and Sex

Area	Asian/Pacific Islander			Hispanic ^a		
	Both Sexes	Males	Females	Both Sexes	Males	Females
Atlanta & Rural GA	154,105	77,419	76,687	279,424	165,296	114,128
Metropolitan Atlanta	153,640	77,183	76,458	277,251	163,992	113,259
Rural Georgia	465	236	229	2,173	1,304	869
California	4,442,410	2,144,804	2,297,606	11,739,309	6,018,497	5,720,812
Greater Bay Area	1,472,232	716,449	755,783	1,467,384	767,127	700,258
San Francisco-Oakland, SMSA	930,908	446,006	484,903	766,435	398,902	367,533
San Jose-Monterey	541,323	270,443	270,880	700,949	368,224	332,725
Los Angeles	1,311,790	625,942	685,848	4,447,914	2,245,093	2,202,821
Greater California	1,658,388	802,413	855,975	5,824,011	3,006,278	2,817,733
Connecticut	103,766	51,220	52,545	347,747	174,524	173,223
Metropolitan Detroit	126,544	63,691	62,853	129,439	68,255	61,184
Hawaii	895,910	435,048	460,862	89,958	46,047	43,911
Iowa	42,053	20,876	21,177	93,875	50,976	42,899
Kentucky	37,165	18,044	19,121	68,823	40,297	28,526
Louisiana	63,086	31,721	31,365	116,600	59,922	56,678
New Jersey	577,466	286,174	291,292	1,212,630	615,676	596,954
New Mexico	26,481	12,308	14,174	795,698	394,781	400,918
Seattle-Puget Sound	375,458	177,053	198,405	240,315	129,212	111,103
Utah	64,228	31,292	32,936	230,781	123,615	107,166
9 SEER areas ^b	2,718,989	1,314,676	1,404,312	2,971,499	1,550,304	1,421,195
11 SEER areas ^b	4,572,102	2,211,062	2,361,040	8,120,362	4,163,621	3,956,741
13 SEER areas ^b	4,606,882	2,227,666	2,379,217	8,151,791	4,180,181	3,971,610
17 SEER areas ^b	6,942,988	3,366,019	3,576,969	15,373,855	7,902,354	7,471,501

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 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles. The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia. The SEER 17 areas comprise the SEER 13 areas plus Greater California(California excluding SF/SJM/LA), Kentucky, Louisiana and New Jersey

Table A-9 - continued

ANNUAL POPULATIONS AVERAGED OVER 2000-2004

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
	Atlanta & Rural GA	10,870	5,934	4,936	0	0	0	10,870	5,934
Metropolitan Atlanta	10,685	5,845	4,840	0	0	0	10,685	5,845	4,840
Rural Georgia	185	90	96	0	0	0	185	90	96
Alaska	109,987	55,347	54,641	109,987	55,347	54,641	0	0	0
California	486,835	245,394	241,441	198,621	99,390	99,230	288,214	146,004	142,210
Greater Bay Area	60,297	30,798	29,499	0	0	0	60,297	30,798	29,499
San Francisco- Oakland, SMSA	33,141	16,822	16,320	0	0	0	33,141	16,822	16,320
San Jose-Monterey	27,156	13,977	13,179	0	0	0	27,156	13,977	13,179
Los Angeles	121,509	61,849	59,660	0	0	0	121,509	61,849	59,660
Greater California	305,029	152,747	152,282	198,621	99,390	99,230	106,408	53,356	53,052
Connecticut	13,369	6,832	6,537	13,369	6,832	6,537	0	0	0
Metropolitan Detroit	18,782	9,107	9,675	0	0	0	18,782	9,107	9,675
Hawaii	4,678	2,501	2,178	0	0	0	4,678	2,501	2,178
Iowa	9,942	4,923	5,019	3,612	1,725	1,887	6,330	3,198	3,132
Kentucky	8,599	4,498	4,102	0	0	0	8,599	4,498	4,102
Louisiana	27,843	14,004	13,839	2,897	1,447	1,450	24,946	12,557	12,389
New Jersey	30,325	15,606	14,719	0	0	0	30,325	15,606	14,719
New Mexico	193,978	93,787	100,191	185,433	89,453	95,980	8,546	4,334	4,212
Seattle-Puget Sound	71,151	35,542	35,608	71,007	35,464	35,543	143	78	65
Utah	33,951	16,996	16,955	16,753	8,164	8,589	17,198	8,833	8,366
9 SEER areas ^a	389,678	192,355	197,323	290,174	141,638	148,536	99,504	50,717	48,787
11 SEER areas ^a	538,343	268,181	270,162	290,174	141,638	148,536	248,169	126,543	121,626
13 SEER areas ^a	648,516	323,617	324,899	400,161	196,984	203,177	248,354	126,633	121,722
17 SEER areas ^a	1,020,312	510,471	509,840	601,679	297,822	303,857	418,633	212,650	205,983

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 11 areas comprise the SEER 9 areas plus San Jose-Monterey and Los Angeles.
The SEER 13 areas comprise the SEER 11 areas plus the Alaska Native Registry and Rural Georgia.
The SEER 17 areas comprise the SEER 13 areas plus Greater California(California excluding SF/SJM/LA), Kentucky, Louisiana and New Jersey

Table A-10

Standard Populations, By Age

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

Age	IARC World Standard Million Population
All Ages	1,000,000
<1	24,000
1-4	96,000
5-9	100,000
10-14	90,000
15-19	90,000
20-24	80,000
25-29	80,000
30-34	60,000
35-39	60,000
40-44	60,000
45-49	60,000
50-54	50,000
55-59	40,000
60-64	40,000
65-69	30,000
70-74	20,000
75-79	10,000
80-84	5,000
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-11
ALL CANCER SITES (Invasive)

SEER FOLLOW-UP RATES^a FOR CASES DIAGNOSED 1975-2003

By Registry, Sex, and Age

	Males				Females			
	All Ages	0-19	20-64	65+	All Ages	0-19	20-64	65+
<u>FOLLOWED INTO 2003</u>								
REGISTRY								
Standard 9 registries	99.26	93.96	98.83	99.68	98.53	92.39	97.66	99.49
San Francisco-Oakland	98.65	86.03	97.91	99.49	97.19	82.95	95.40	99.14
Connecticut	98.49	86.48	97.63	99.30	97.11	83.53	95.32	98.83
Metropolitan Detroit	99.60	96.25	99.42	99.81	99.15	95.54	98.58	99.76
Hawaii	99.57	96.72	99.45	99.71	99.29	97.58	99.10	99.57
Iowa	99.94	98.57	99.90	99.99	99.91	98.26	99.84	99.99
New Mexico	99.33	95.40	98.97	99.65	98.77	93.87	98.42	99.27
Seattle-Puget Sound	99.54	97.45	99.28	99.77	99.12	93.70	98.67	99.69
Utah	99.68	98.93	99.38	99.92	99.37	98.30	99.01	99.83
Metropolitan Atlanta	99.01	93.51	98.56	99.70	98.46	93.33	97.65	99.68
<u>FOLLOWED INTO 2004</u>								
REGISTRY								
Standard 9 registries	99.03	92.42	98.45	99.58	98.05	90.64	96.86	99.32
San Francisco-Oakland	98.37	84.00	97.48	99.38	96.70	80.45	94.57	98.99
Connecticut	98.12	83.48	97.03	99.12	96.22	80.60	93.74	98.54
Metropolitan Detroit	99.44	94.43	99.18	99.73	98.78	93.79	98.03	99.59
Hawaii	99.23	94.88	98.82	99.61	98.55	94.99	97.95	99.37
Iowa	99.89	97.71	99.80	99.98	99.81	97.29	99.65	99.97
New Mexico	99.01	93.84	98.46	99.50	98.01	92.37	97.27	98.92
Seattle-Puget Sound	99.31	96.89	98.95	99.62	98.67	91.84	97.99	99.49
Utah	99.49	98.81	99.06	99.83	98.96	98.10	98.30	99.74
Metropolitan Atlanta	98.75	91.56	98.15	99.65	98.08	92.09	97.10	99.57

^a Represents the percentage of first primaries diagnosed 1975-2003 and followed into the specified year.