

Table A-1

NUMBER OF INCIDENCE CASES, 1997-2001By Primary Cancer Site, Race and Sex
SEER Geographic Areas

Site	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Oral & Pharynx	18,668	12,452	6,216	14,890	9,917	4,973	1,888	1,329	559
Esophagus	7,772	5,774	1,998	6,244	4,690	1,554	967	650	317
Stomach	15,274	9,195	6,079	10,474	6,433	4,041	1,845	1,045	800
Colon & Rectum	91,850	46,176	45,674	74,274	37,348	36,926	8,744	4,118	4,626
Colon	66,251	31,816	34,435	53,715	25,817	27,898	6,656	3,035	3,621
Rectum	25,599	14,360	11,239	20,559	11,531	9,028	2,088	1,083	1,005
Liver & Intrahep	10,395	7,027	3,368	6,731	4,468	2,263	1,081	759	322
Pancreas	18,790	9,214	9,576	14,999	7,424	7,575	2,116	996	1,120
Larynx	6,510	5,141	1,369	5,203	4,094	1,109	961	752	209
Lung & Bronchus	105,298	58,192	47,106	86,163	46,518	39,645	11,314	6,815	4,499
Melanoma of skin	30,483	17,073	13,410	28,929	16,255	12,674	157	87	70
Breast	129,844	876	128,968	107,678	719	106,959	10,849	113	10,736
Cervix uteri	8,983	-	8,983	6,659	-	6,659	1,143	-	1,143
Corp & Uter, NOS	23,279	-	23,279	19,705	-	19,705	1,541	-	1,541
Ovary	13,348	-	13,348	11,279	-	11,279	875	-	875
Prostate	127,779	127,779	-	100,957	100,957	-	15,708	15,708	-
Testis	5,277	5,277	-	4,804	4,804	-	150	150	-
Urinary bladder	34,766	25,847	8,919	31,167	23,342	7,825	1,678	1,069	609
Kidney & Renal pel	19,693	12,165	7,528	16,311	10,110	6,201	2,019	1,200	819
Brain & Oth Nerv	11,565	6,401	5,164	10,116	5,619	4,497	714	374	340
Thyroid	13,502	3,338	10,164	10,909	2,781	8,128	734	164	570
Hodgkin lymphoma	5,101	2,780	2,321	4,313	2,345	1,968	505	277	228
Non-Hodgkin lymph	33,470	18,156	15,314	28,196	15,264	12,932	2,353	1,306	1,047
Myeloma	9,539	5,068	4,471	7,287	3,966	3,321	1,536	734	802
Leukemia	21,418	12,200	9,218	18,176	10,382	7,794	1,530	825	705
Acute lymph	2,903	1,591	1,312	2,411	1,316	1,095	190	104	86
Chronic lymph	6,034	3,628	2,406	5,367	3,222	2,145	382	225	157
Acute myeloid	6,648	3,605	3,043	5,512	3,006	2,506	508	256	252
Chronic myeloid	2,909	1,692	1,217	2,381	1,375	1,006	245	146	99
All others	2,924	1,684	1,240	2,505	1,463	1,042	205	94	111
All Sites	816,932	416,773	400,159	669,778	338,985	330,793	75,677	41,111	34,566

Source: SEER 12 areas.

Table A-2

NUMBER OF DEATHS, 1997-2001By 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 & Pharynx	38,537	25,532	13,005	31,742	20,562	11,180	5,630	4,141	1,489
Esophagus	59,719	45,399	14,320	50,266	38,556	11,710	8,488	6,118	2,370
Stomach	63,693	37,308	26,385	49,283	29,046	20,237	10,821	6,225	4,596
Colon & Rectum	285,131	141,124	144,007	246,046	122,310	123,736	33,643	15,942	17,701
Colon	243,813	118,519	125,294	209,967	102,578	107,389	29,413	13,652	15,761
Rectum	41,318	22,605	18,713	36,079	19,732	16,347	4,230	2,290	1,940
Liver & Intrahep	62,967	39,475	23,492	50,573	31,385	19,188	7,788	4,994	2,794
Pancreas	144,224	70,155	74,069	124,414	60,984	63,430	16,908	7,749	9,159
Larynx	19,149	15,069	4,080	15,398	12,031	3,367	3,492	2,828	664
Lung & Bronchus	771,127	452,846	318,281	678,632	394,291	284,341	80,094	50,990	29,104
Melanoma of skin	36,846	23,119	13,727	36,073	22,781	13,292	587	237	350
Breast	210,019	1,930	208,089	179,187	1,610	177,577	27,232	302	26,930
Cervix uteri	21,335	-	21,335	16,165	-	16,165	4,369	-	4,369
Corp & Uter, NOS	32,445	-	32,445	26,889	-	26,889	4,997	-	4,997
Ovary	68,998	-	68,998	62,278	-	62,278	5,490	-	5,490
Prostate	158,617	158,617	-	129,877	129,877	-	26,869	26,869	-
Testis	1,737	1,737	-	1,583	1,583	-	118	118	-
Urinary bladder	59,476	40,211	19,265	54,448	37,455	16,993	4,384	2,318	2,066
Kidney & Renal pel	57,708	35,649	22,059	51,433	31,769	19,664	5,219	3,200	2,019
Brain & Oth Nerv	63,169	34,702	28,467	58,364	32,153	26,211	3,789	1,980	1,809
Thyroid	6,328	2,561	3,767	5,503	2,304	3,199	578	180	398
Hodgkin lymphoma	6,767	3,723	3,044	5,999	3,297	2,702	686	388	298
Non-Hodgkin lymph	114,847	59,807	55,040	105,252	54,593	50,659	7,401	3,994	3,407
Myeloma	52,520	26,710	25,810	42,818	22,142	20,676	8,865	4,140	4,725
Leukemia	104,953	57,916	47,037	94,273	52,192	42,081	8,705	4,627	4,078
Acute lymph	6,989	3,949	3,040	6,156	3,480	2,676	611	356	255
Chronic lymph	21,511	12,380	9,131	19,664	11,335	8,329	1,727	970	757
Acute myeloid	35,163	19,005	16,158	31,630	17,204	14,426	2,719	1,372	1,347
Chronic myeloid	9,880	5,527	4,353	8,571	4,790	3,781	1,064	588	476
All others	31,410	17,055	14,355	28,252	15,383	12,869	2,584	1,341	1,243
All Sites	2,737,842	1,422,173	1,315,669	2,375,605	1,230,266	1,145,339	308,584	163,578	145,006

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

Table A-3

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-3 - 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

⁺ 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-3 - continued

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

Site Group	ICD-O-3 Site	ICD-O-3 Histology (Type)	Recode
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

Table A-4

SEER Cause of Death Recode 1969+ (3/25/2004) 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-4 - continued

SEER Cause of Death Recode 1969+ (3/25/2004) 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
Septicemia	038	038	A40-A41
Other Infectious and Parasitic Diseases Including HIV 1987+	001-009, 020-037, 039-043, 045-065, 067-076, 078-089, 098-130.1, 130.3-136	001-009, 020-037, 039-088, 098-139	A00-A09, A20-A39, A42-A49, A54-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	O00-O95, O98-O99, A34
Congenital Anomalies	740-759	740-759	Q00-Q99
Certain Conditions Originating in 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 [*]	X60-X84, Y87.0
Homicide and Legal Intervention	960-978 [*]	960-978 [*]	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-5

ANNUAL POPULATIONS AVERAGED OVER 1997-2001

By State, Race and Sex

State	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Total U.S.	279,016,627	136,790,315	142,226,312	228,575,360	112,636,832	115,938,528	36,146,281	17,183,038	18,963,243
Alabama	4,424,733	2,134,157	2,290,575	3,205,586	1,567,647	1,637,940	1,161,196	538,439	622,757
Alaska	623,801	323,028	300,773	461,258	241,643	219,615	26,568	13,888	12,681
Arizona	5,023,653	2,505,146	2,518,506	4,458,508	2,224,439	2,234,069	177,920	92,753	85,167
Arkansas	2,650,521	1,291,602	1,358,919	2,185,146	1,072,140	1,113,007	424,575	199,781	224,794
California	33,516,745	16,711,204	16,805,542	26,512,424	13,303,824	13,208,600	2,501,922	1,228,107	1,273,815
Colorado	4,223,739	2,122,791	2,100,949	3,878,712	1,949,787	1,928,925	183,892	95,012	88,880
Connecticut	3,389,532	1,641,360	1,748,172	2,948,465	1,429,847	1,518,619	340,997	162,267	178,730
Delaware	774,585	376,064	398,520	601,639	293,912	307,726	152,673	72,404	80,268
Dist. of Columbia	569,728	268,191	301,537	195,869	98,201	97,669	354,821	161,399	193,422
Florida	15,771,402	7,692,910	8,078,493	12,983,014	6,352,689	6,630,326	2,423,581	1,166,369	1,257,212
Georgia	8,046,930	3,950,775	4,096,155	5,508,481	2,749,259	2,759,222	2,336,917	1,101,793	1,235,124
Hawaii	1,215,374	611,298	604,076	294,635	156,001	138,635	31,905	18,665	13,239
Idaho	1,275,366	638,613	636,753	1,234,547	618,299	616,248	6,832	3,915	2,916
Illinois	12,355,531	6,044,704	6,310,827	9,949,667	4,906,112	5,043,556	1,919,785	900,599	1,019,185
Indiana	6,043,562	2,960,383	3,083,179	5,437,239	2,669,151	2,768,088	524,949	251,234	273,715
Iowa	2,914,467	1,427,547	1,486,919	2,800,002	1,369,547	1,430,455	66,599	34,387	32,212
Kansas	2,673,782	1,319,802	1,353,980	2,429,663	1,197,978	1,231,686	164,792	82,725	82,067
Kentucky	4,014,768	1,959,411	2,055,357	3,672,140	1,793,189	1,878,951	303,083	147,049	156,034
Louisiana	4,452,472	2,153,827	2,298,645	2,909,381	1,425,282	1,484,100	1,457,929	685,997	771,932
Maine	1,268,494	616,933	651,562	1,243,103	604,358	638,746	7,924	4,508	3,416
Maryland	5,262,968	2,542,380	2,720,589	3,523,687	1,725,928	1,797,759	1,498,388	700,762	797,626
Massachusetts	6,315,626	3,041,767	3,273,860	5,631,977	2,711,089	2,920,888	416,130	200,216	215,914
Michigan	9,903,298	4,851,750	5,051,548	8,193,548	4,037,267	4,156,281	1,453,584	687,956	765,628
Minnesota	4,873,813	2,410,308	2,463,505	4,485,725	2,215,206	2,270,519	181,633	93,557	88,075
Mississippi	2,823,762	1,361,817	1,461,945	1,757,226	862,226	895,000	1,035,761	484,946	550,815

Source: NCI estimates based on Census Bureau population data.

Table A-5 - continued

ANNUAL POPULATIONS AVERAGED OVER 1997-2001

By State, Race and Sex

State	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
Missouri	5,561,456	2,701,359	2,860,097	4,822,034	2,352,993	2,469,041	642,165	301,053	341,112
Montana	897,720	446,991	450,729	830,571	413,590	416,980	3,541	2,113	1,429
Nebraska	1,704,082	838,897	865,186	1,592,423	784,191	808,232	72,386	35,652	36,734
Nevada	1,933,713	984,568	949,145	1,657,737	849,625	808,113	143,349	72,682	70,667
New Hampshire	1,223,442	601,309	622,134	1,193,012	585,811	607,201	10,699	5,842	4,856
New Jersey	8,362,043	4,056,519	4,305,524	6,612,527	3,219,195	3,393,332	1,231,382	582,428	648,954
New Mexico	1,805,821	888,333	917,489	1,561,043	768,749	792,295	42,444	22,172	20,271
New York	18,875,857	9,100,832	9,775,025	14,231,619	6,914,041	7,317,577	3,409,000	1,574,777	1,834,223
North Carolina	7,940,735	3,881,962	4,058,772	5,958,808	2,945,612	3,013,197	1,759,828	827,568	932,260
North Dakota	643,838	321,405	322,433	603,927	301,498	302,429	4,346	2,546	1,800
Ohio	11,335,540	5,500,385	5,835,155	9,815,682	4,778,327	5,037,355	1,346,658	637,661	708,997
Oklahoma	3,427,849	1,683,330	1,744,519	2,793,688	1,372,404	1,421,285	275,834	135,462	140,372
Oregon	3,391,056	1,680,069	1,710,987	3,150,729	1,560,938	1,589,791	66,992	35,344	31,648
Pennsylvania	12,265,300	5,917,428	6,347,872	10,736,667	5,191,099	5,545,567	1,277,346	602,048	675,298
Rhode Island	1,041,453	500,224	541,229	946,604	453,589	493,015	61,927	30,674	31,253
South Carolina	3,967,893	1,924,493	2,043,400	2,721,671	1,340,312	1,381,358	1,192,964	558,384	634,580
South Dakota	750,960	372,144	378,816	677,980	335,648	342,332	5,347	3,337	2,010
Tennessee	5,632,126	2,737,514	2,894,612	4,617,411	2,258,870	2,358,541	938,558	441,163	497,394
Texas	20,556,460	10,196,724	10,359,736	17,355,844	8,640,340	8,715,504	2,458,308	1,186,691	1,271,617
Utah	2,202,269	1,102,473	1,099,796	2,089,566	1,045,315	1,044,251	22,002	12,350	9,653
Vermont	605,054	296,412	308,642	593,137	290,442	302,695	3,737	2,093	1,644
Virginia	7,006,585	3,434,235	3,572,350	5,289,398	2,612,193	2,677,204	1,419,205	678,323	740,882
Washington	5,838,413	2,905,830	2,932,583	5,135,177	2,558,343	2,576,834	223,367	118,704	104,663
West Virginia	1,810,964	879,418	931,547	1,737,652	842,829	894,823	60,338	30,198	30,140
Wisconsin	5,335,373	2,632,231	2,703,142	4,876,123	2,408,128	2,467,996	315,806	152,564	163,242
Wyoming	491,972	247,465	244,507	472,685	237,732	234,953	4,399	2,479	1,920

Source: NCI estimates based on Census Bureau population data.

Table A-6

ANNUAL POPULATIONS AVERAGED OVER 1997-2001

By SEER Registry, Race and Sex

Area	All Races			Whites			Blacks		
	Both Sexes	Males	Females	Both Sexes	Males	Females	Both Sexes	Males	Females
11 registries	38,329,325	18,922,650	19,406,675	29,317,248	14,591,035	14,726,213	4,282,154	2,035,995	2,246,159
9 registries	26,524,223	13,050,988	13,473,236	20,455,012	10,134,276	10,320,736	3,189,386	1,518,709	1,670,677
San Francisco-Oakland SMSA	4,089,205	2,021,672	2,067,533	2,761,124	1,385,955	1,375,169	434,599	207,762	226,838
Connecticut	3,389,532	1,641,360	1,748,172	2,948,465	1,429,847	1,518,619	340,997	162,267	178,730
Metropolitan Detroit	4,049,358	1,960,655	2,088,703	2,894,334	1,422,530	1,471,805	1,030,426	476,480	553,946
Hawaii	1,215,374	611,298	604,076	294,635	156,001	138,635	31,905	18,665	13,239
Iowa	2,914,467	1,427,547	1,486,919	2,800,002	1,369,547	1,430,455	66,599	34,387	32,212
New Mexico	1,805,821	888,333	917,489	1,561,043	768,749	792,295	42,444	22,172	20,271
Seattle-Puget Sound	4,006,370	1,994,531	2,011,839	3,411,517	1,701,402	1,710,115	196,761	103,812	92,949
Utah	2,202,269	1,102,473	1,099,796	2,089,566	1,045,315	1,044,251	22,002	12,350	9,653
Metropolitan Atlanta	2,851,828	1,403,119	1,448,709	1,694,324	854,931	839,393	1,023,653	480,813	542,840
San Jose-Monterey	2,368,361	1,202,354	1,166,006	1,775,320	903,280	872,040	78,024	42,374	35,650
Los Angeles	9,436,741	4,669,308	4,767,433	7,086,916	3,553,480	3,533,436	1,014,744	474,912	539,832

Source: NCI estimates based on Census Bureau population data.

Table A-7

Standard Million Populations, By Age

Age	United States Standard Million Population, 2000
All Ages	1,000,000
<1	13,818
1-4	55,317
5-9	72,533
10-14	73,032
15-19	72,169
20-24	66,478
25-29	64,529
30-34	71,044
35-39	80,762
40-44	81,851
45-49	72,118
50-54	62,716
55-59	48,454
60-64	38,793
65-69	34,264
70-74	31,773
75-79	26,999
80-84	17,842
85+	15,508

Age	IARC World Standard Million Population
All Ages	1,000,000
<5	120,000
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-8
ALL SITES (Invasive)

SEER FOLLOW-UP RATES^a FOR CASES DIAGNOSED 1975-2000
By Registry, Sex, and Age

	Males				Females			
	All Ages	00-19	20-64	65+	All Ages	00-19	20-64	65+
<u>FOLLOWED INTO 2000</u>								
REGISTRY								
Standard 9 registries	98.82	91.97	97.78	99.69	97.73	89.92	96.08	99.40
San Francisco-Oakland	98.15	86.68	96.70	99.54	96.72	82.93	94.21	99.31
Connecticut	97.20	79.56	94.55	99.22	94.95	77.66	91.10	98.31
Metropolitan Detroit	99.34	95.52	98.79	99.83	98.17	93.10	96.83	99.55
Hawaii	99.67	96.76	99.60	99.79	99.41	95.75	99.24	99.71
Iowa	99.67	94.34	99.29	99.97	99.50	92.63	99.00	99.96
New Mexico	99.41	93.90	99.05	99.77	99.10	93.50	98.76	99.62
Seattle-Puget Sound	99.58	99.47	99.24	99.81	99.02	94.30	98.39	99.74
Utah	99.51	95.84	99.21	99.87	99.25	96.44	98.87	99.82
Metropolitan Atlanta	97.98	89.11	96.67	99.68	96.82	89.64	94.82	99.64
<u>FOLLOWED INTO 2001</u>								
REGISTRY								
Standard 9 registries	98.26	88.47	96.67	99.59	96.74	86.31	94.32	99.19
San Francisco-Oakland	97.25	79.27	95.02	99.38	95.15	74.48	91.30	99.12
Connecticut	96.02	73.58	92.05	98.98	93.03	71.44	87.59	97.74
Metropolitan Detroit	99.02	93.87	98.15	99.77	97.54	91.26	95.76	99.36
Hawaii	99.53	93.24	99.48	99.72	99.16	92.21	98.92	99.67
Iowa	99.30	91.16	98.38	99.94	98.89	89.73	97.62	99.92
New Mexico	99.06	91.39	98.34	99.71	98.41	90.75	97.70	99.36
Seattle-Puget Sound	99.47	98.30	99.07	99.77	98.77	93.56	97.98	99.64
Utah	99.29	94.31	98.88	99.78	98.93	94.73	98.38	99.75
Metropolitan Atlanta	97.07	85.12	95.12	99.57	95.33	85.60	92.34	99.52

^a Represents the percentage of first primaries diagnosed 1975-2000 and followed into the specified year.