

Table 1.11

Age Distribution (%) of Incidence Cases by Site, 2008-2012

All Races, Both Sexes

Site	Age at Diagnosis								All Ages	Cases
	<20	20-34	35-44	45-54	55-64	65-74	75-84	85+		
All Sites	1.0	2.7	5.2	14.0	24.3	25.8	19.2	7.9	100.0%	2,021,319
Oral Cavity & Pharynx:	0.6	2.0	5.4	19.4	29.9	22.4	14.2	6.1	100.0%	50,243
Lip	0.2	1.3	5.1	15.1	19.4	23.2	22.6	13.3	100.0%	2,949
Tongue	0.1	1.7	4.9	19.1	33.2	23.8	12.7	4.5	100.0%	15,001
Salivary gland	2.1	6.2	7.8	14.1	20.1	19.5	19.5	10.8	100.0%	5,640
Floor of mouth	0.1	0.3	2.7	19.9	32.6	25.8	13.8	4.8	100.0%	2,542
Gum & other oral cavity	0.6	2.1	4.5	12.5	23.0	24.6	20.8	11.8	100.0%	6,743
Nasopharynx	3.3	6.1	13.2	24.6	25.6	15.5	9.4	2.4	100.0%	2,833
Tonsil	0.0	0.5	5.8	29.3	38.7	17.8	6.3	1.6	100.0%	8,842
Oropharynx	0.1	0.2	3.9	19.7	33.2	25.7	13.2	4.1	100.0%	1,869
Hypopharynx	0.0	0.1	1.3	16.8	32.2	28.3	16.9	4.5	100.0%	2,840
Other oral cavity & pharynx	0.3	0.9	2.7	17.2	29.0	27.4	14.8	7.6	100.0%	984
Digestive System:	0.2	1.1	3.5	13.5	23.4	24.6	22.5	11.2	100.0%	369,672
Esophagus	0.0	0.3	1.9	11.5	27.3	28.2	22.0	8.7	100.0%	19,533
Stomach	0.1	1.7	4.4	12.3	20.6	25.2	23.8	11.9	100.0%	32,533
Small intestine	0.1	1.6	5.0	15.9	25.5	25.1	19.5	7.4	100.0%	9,711
Colon & Rectum:	0.1	1.3	4.1	14.5	21.5	23.9	22.6	12.1	100.0%	187,380
Colon	0.1	1.1	3.5	12.2	19.8	24.5	25.0	13.9	100.0%	132,251
Rectum	0.1	1.7	5.7	20.1	25.4	22.5	16.9	7.6	100.0%	55,129
Colon & Rectum (Male)	0.1	1.3	4.1	15.3	23.9	25.7	20.9	8.8	100.0%	96,805
Colon & Rectum (Female)	0.1	1.3	4.2	13.7	18.8	22.0	24.4	15.5	100.0%	90,575
Anus, anal canal & anorectum	0.0	1.1	6.8	24.3	27.9	19.8	13.9	6.3	100.0%	8,154
Liver & intrahepatic bile duct	0.9	0.8	2.1	15.8	35.0	22.7	16.7	6.0	100.0%	37,716
Gallbladder	0.0	0.3	2.6	8.4	19.6	26.9	27.6	14.5	100.0%	5,034
Other biliary	0.1	0.6	2.4	8.3	20.0	26.2	28.1	14.3	100.0%	8,183
Pancreas	0.1	0.5	2.1	9.2	21.9	26.8	26.1	13.5	100.0%	54,521
Retroperitoneum	8.8	4.6	6.4	15.7	24.0	21.6	14.6	4.4	100.0%	1,734
Peritoneum, omentum & mesentery	0.4	1.2	2.2	10.6	24.0	33.1	22.8	5.7	100.0%	2,632
Other digestive system	0.2	0.9	2.7	10.5	21.0	23.8	27.3	13.7	100.0%	2,541
Respiratory System:	0.1	0.4	1.4	8.8	22.0	31.6	26.9	8.9	100.0%	274,851
Nose, nasal cavity & middle ear	1.5	3.6	7.3	14.7	23.9	22.4	17.8	8.8	100.0%	3,044
Larynx	0.0	0.5	2.6	15.0	31.2	28.9	16.9	4.9	100.0%	14,778
Lung & bronchus	0.0	0.3	1.2	8.4	21.4	31.9	27.6	9.1	100.0%	256,093
Lung & bronchus (Male)	0.0	0.2	1.1	8.1	22.5	32.6	27.2	8.3	100.0%	134,952
Lung & bronchus (Female)	0.0	0.3	1.4	8.7	20.2	31.2	28.1	10.1	100.0%	121,141
Pleura	4.3	1.4	4.3	9.4	16.7	20.3	27.5	15.9	100.0%	138
Trachea & other respiratory organs	16.2	19.4	8.5	11.2	14.0	14.0	11.3	5.4	100.0%	798
Bones & joints	27.6	15.7	9.6	12.3	12.6	10.6	8.1	3.6	100.0%	4,016
Soft tissue (including heart)	8.9	9.0	9.3	14.8	18.3	16.7	15.5	7.5	100.0%	14,716
Skin (excl. basal & squamous):	0.6	5.9	8.7	16.3	21.5	21.0	17.6	8.4	100.0%	103,847
Melanoma of the skin	0.5	6.0	8.9	16.9	22.1	21.1	16.8	7.7	100.0%	95,285
Other non-epithelial skin	1.4	5.5	6.4	9.5	14.8	19.9	25.8	16.9	100.0%	8,562
Breast (Female)	0.0	1.8	9.1	21.6	25.6	21.9	14.2	5.7	100.0%	298,318
Breast (Female - <i>in situ</i>)	0.0	0.7	10.2	28.0	27.3	21.1	10.6	2.1	100.0%	75,327

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). Percents may not sum to 100 due to rounding.

Table 1.11 - continued

Age Distribution (%) of Incidence Cases by Site, 2008-2012

All Races, Both Sexes

Site	Age at Diagnosis								All Ages	Cases
	<20	20-34	35-44	45-54	55-64	65-74	75-84	85+		
Female Genital System:	0.4	4.1	8.7	18.6	28.2	21.3	12.9	5.8	100.0%	118,185
Cervix uteri	0.1	14.0	24.4	24.0	17.9	11.0	5.8	2.8	100.0%	17,107
Corpus uteri	0.0	1.6	5.6	17.9	34.4	24.4	12.0	4.1	100.0%	59,987
Uterus, NOS	0.2	1.5	5.4	15.3	25.7	21.4	16.5	14.1	100.0%	1,787
Ovary ^a	1.3	3.8	7.2	18.4	23.8	21.1	16.2	8.1	100.0%	29,084
Vagina	0.8	2.0	4.9	13.7	24.0	22.4	20.3	11.9	100.0%	1,819
Vulva	0.2	2.0	6.1	15.3	19.8	19.8	22.1	14.9	100.0%	5,868
Other female genital system	0.8	5.4	5.4	14.4	25.5	24.6	16.8	7.2	100.0%	2,533
Male Genital System:	0.3	2.0	1.5	9.9	31.8	35.4	15.5	3.6	100.0%	301,241
Prostate	0.0	0.0	0.6	9.7	33.0	36.9	16.1	3.7	100.0%	287,020
Testis	6.4	49.2	23.5	13.4	5.2	1.3	0.7	0.3	100.0%	11,956
Penis	0.1	1.7	5.6	12.5	22.5	25.4	22.2	10.0	100.0%	1,729
Other male genital system	2.6	2.6	6.5	12.5	22.6	19.6	20.5	13.1	100.0%	536
Urinary System:	0.5	1.0	3.4	10.9	21.9	27.2	24.4	10.6	100.0%	161,675
Urinary bladder	0.1	0.4	1.4	6.8	18.6	28.2	30.1	14.4	100.0%	88,150
Kidney & renal pelvis	1.2	1.8	6.0	16.4	26.3	25.8	16.8	5.6	100.0%	69,802
Ureter	0.0	0.1	0.5	4.1	14.9	29.4	35.6	15.4	100.0%	2,344
Other urinary system	0.0	0.6	1.4	7.4	16.9	26.0	30.8	16.9	100.0%	1,379
Eye & Orbit	12.8	3.2	6.3	14.3	20.2	20.8	15.5	6.9	100.0%	3,589
Brain & Nervous System:	12.9	9.0	8.1	14.3	20.1	17.4	13.2	5.0	100.0%	28,221
Brain	12.1	8.9	7.9	14.2	20.4	17.8	13.6	5.1	100.0%	26,479
Cranial nerves & other nervous system	24.9	11.0	11.7	15.2	14.9	11.4	7.9	3.0	100.0%	1,742
Endocrine System:	2.9	14.6	18.8	23.5	20.1	12.8	5.8	1.4	100.0%	62,383
Thyroid	1.8	15.1	19.4	24.1	20.1	12.6	5.6	1.4	100.0%	59,113
Other endocrine & thymus	21.7	7.3	8.3	13.5	19.6	17.2	9.8	2.7	100.0%	3,270
Lymphoma:	3.0	7.0	6.9	12.9	19.7	21.9	20.0	8.5	100.0%	97,842
Hodgkin lymphoma	12.9	31.5	14.0	12.8	11.0	9.0	6.5	2.3	100.0%	11,615
Non-Hodgkin lymphoma	1.6	3.7	6.0	12.9	20.9	23.7	21.8	9.4	100.0%	86,227
Myeloma	0.0	0.6	3.1	11.3	23.2	28.2	24.3	9.3	100.0%	27,833
Leukemia:	9.6	4.5	5.0	10.3	17.3	21.2	21.2	10.9	100.0%	57,796
Lymphocytic:	14.4	2.8	3.3	9.2	18.1	21.6	20.3	10.2	100.0%	28,909
Acute lymphocytic	57.6	10.2	5.9	7.2	7.8	5.7	4.0	1.5	100.0%	7,207
Chronic lymphocytic	0.0	0.2	1.7	9.2	21.2	27.6	26.4	13.6	100.0%	19,914
Other lymphocytic	0.5	2.0	9.9	18.5	24.7	18.7	18.0	7.8	100.0%	1,788
Myeloid & Monocytic:	4.8	6.4	7.1	11.7	16.8	21.1	21.8	10.3	100.0%	26,264
Acute myeloid	5.5	6.2	6.0	10.5	16.6	22.0	22.9	10.2	100.0%	17,132
Chronic myeloid	2.4	7.3	9.5	14.3	17.8	19.6	19.4	9.7	100.0%	7,441
Acute monocytic	9.9	5.7	7.4	11.8	17.4	18.0	19.9	9.7	100.0%	998
Other myeloid & monocytic	4.3	5.5	6.8	10.5	12.4	22.2	21.4	16.9	100.0%	693
Other leukemia:	4.5	3.8	4.2	7.4	12.9	16.2	25.5	25.5	100.0%	2,623
Other acute leukemia	7.9	4.4	3.6	7.8	11.8	15.2	24.1	25.2	100.0%	1,027
Aleukemic, subleukemic & NOS	2.3	3.4	4.6	7.1	13.7	16.9	26.4	25.6	100.0%	1,596
Kaposi Sarcoma	0.4	21.2	24.3	22.1	10.0	7.5	8.1	6.4	100.0%	2,269
Mesothelioma	0.1	0.6	1.7	6.2	15.8	27.6	33.1	14.9	100.0%	4,276
Ill-defined & unspecified	0.5	0.9	2.3	9.1	18.5	22.6	26.6	19.6	100.0%	37,934

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). Percents may not sum to 100 due to rounding.

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

Table 1.13

Age Distribution (%) of Deaths by Site, 2008-2012

All Races, Both Sexes

Site	Age at Death								All Ages	Deaths
	<20	20-34	35-44	45-54	55-64	65-74	75-84	85+		
All Sites	0.3	0.8	2.1	8.7	19.0	25.3	27.4	16.4	100.0%	2,867,104
Oral Cavity & Pharynx:	0.1	0.8	2.6	13.5	26.0	24.2	20.4	12.4	100.0%	41,996
Lip	0.3	0.9	1.7	7.2	12.6	19.3	28.2	29.9	100.0%	348
Tongue	0.1	1.1	3.3	14.0	26.9	24.1	19.7	11.0	100.0%	10,392
Salivary gland	0.1	0.9	2.7	9.2	16.9	21.2	26.8	22.2	100.0%	4,029
Floor of mouth	0.0	0.0	1.5	12.8	33.3	27.0	17.4	8.0	100.0%	460
Gum & other oral cavity	0.1	0.4	1.8	8.9	19.2	21.7	25.6	22.3	100.0%	5,983
Nasopharynx	0.8	3.5	6.0	18.6	27.0	21.1	15.8	7.3	100.0%	3,304
Tonsil	0.0	0.3	2.5	19.4	34.9	24.0	13.9	5.1	100.0%	3,976
Oropharynx	0.0	0.3	2.2	14.8	28.9	25.9	18.6	9.3	100.0%	4,012
Hypopharynx	0.0	0.3	1.0	14.1	27.2	29.1	20.8	7.4	100.0%	1,575
Other oral cavity & pharynx	0.0	0.1	1.5	12.9	28.2	27.5	20.1	9.7	100.0%	7,917
Digestive System:	0.1	0.5	2.1	9.4	20.8	24.2	26.2	16.7	100.0%	711,940
Esophagus	0.0	0.3	1.6	10.3	25.2	27.7	24.0	10.9	100.0%	71,207
Stomach	0.0	1.3	3.7	10.4	18.1	22.7	26.1	17.6	100.0%	56,152
Small intestine	0.0	0.8	2.6	9.4	20.2	24.3	26.7	16.1	100.0%	6,154
Colon & Rectum:	0.0	0.7	2.5	9.3	17.9	22.1	26.6	21.0	100.0%	260,049
Colon & Rectum (Male)	0.0	0.7	2.7	10.1	20.5	24.8	25.9	15.2	100.0%	134,482
Colon & Rectum (Female)	0.0	0.6	2.3	8.3	15.1	19.2	27.3	27.1	100.0%	125,567
Anus, anal canal & anorectum	0.0	0.6	5.4	19.0	25.5	20.5	17.7	11.4	100.0%	4,101
Liver & intrahepatic bile duct	0.3	0.5	1.6	12.3	28.9	23.5	22.5	10.4	100.0%	102,449
Gallbladder	0.0	0.2	1.4	6.8	18.0	27.2	28.8	17.6	100.0%	10,327
Other biliary	0.0	0.3	1.3	6.5	15.9	23.1	30.8	22.1	100.0%	7,309
Pancreas	0.0	0.2	1.3	7.7	19.9	26.5	28.3	16.1	100.0%	183,891
Retroperitoneum	0.6	1.3	2.4	9.4	20.7	25.6	26.0	14.1	100.0%	1,040
Peritoneum, omentum & mesentery	0.1	0.6	1.7	7.2	19.3	29.9	28.9	12.5	100.0%	4,217
Other digestive system	0.0	0.4	1.9	7.4	16.8	22.5	29.5	21.5	100.0%	5,044
Respiratory System:	0.0	0.1	0.9	7.7	19.9	30.7	29.2	11.5	100.0%	812,340
Nose, nasal cavity & middle ear	0.1	2.1	4.8	12.9	19.3	22.6	23.1	15.1	100.0%	2,415
Larynx	0.0	0.1	1.2	10.9	26.4	29.1	22.9	9.4	100.0%	18,475
Lung & bronchus	0.0	0.1	0.9	7.6	19.8	30.8	29.4	11.5	100.0%	789,297
Lung & bronchus (Male)	0.0	0.1	0.8	7.5	21.1	31.7	28.8	10.0	100.0%	437,358
Lung & bronchus (Female)	0.0	0.1	1.0	7.7	18.1	29.7	30.1	13.3	100.0%	351,939
Pleura	0.3	0.4	1.1	3.1	15.1	26.1	35.9	18.0	100.0%	1,056
Trachea & other respiratory organs	1.2	4.7	4.3	11.5	19.4	20.9	23.2	14.9	100.0%	1,097
Bones & joints	12.7	15.1	5.9	10.5	12.9	14.4	16.1	12.4	100.0%	6,941
Soft tissue (including heart)	3.7	6.0	6.3	13.2	19.5	19.8	19.7	11.6	100.0%	21,679
Skin (excl. basal & squamous):	0.1	1.8	4.0	10.9	19.2	21.5	24.8	17.7	100.0%	60,461
Melanoma of the skin	0.1	2.3	4.9	12.1	20.4	22.0	24.0	14.2	100.0%	45,355
Other non-epithelial skin	0.0	0.4	1.3	7.2	15.7	19.9	27.3	28.1	100.0%	15,106
Breast (Female)	0.0	0.9	5.1	14.3	21.9	21.0	20.5	16.4	100.0%	204,342

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
Percents may not sum to 100 due to rounding.

Table 1.13 - continued

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Site	Age at Death								All Ages	Deaths
	<20	20-34	35-44	45-54	55-64	65-74	75-84	85+		
Female Genital System:	0.0	1.2	3.9	11.5	21.6	24.5	23.1	14.1	100.0%	142,832
Cervix uteri	0.0	5.0	14.0	24.1	23.0	16.1	11.4	6.3	100.0%	20,022
Corpus uteri	0.0	0.3	1.8	7.2	24.0	28.9	24.0	13.8	100.0%	17,939
Uterus, NOS	0.0	0.5	2.0	8.6	22.0	26.9	23.7	16.2	100.0%	23,403
Ovary	0.1	0.7	2.4	10.5	21.3	25.4	25.4	14.2	100.0%	72,120
Vagina	0.1	0.8	2.8	6.9	15.8	19.6	27.9	26.2	100.0%	2,095
Vulva	0.1	0.5	2.0	7.6	13.0	17.7	29.4	29.8	100.0%	4,865
Other female genital system	0.1	1.2	2.3	9.0	21.4	27.7	24.3	14.0	100.0%	2,388
Male Genital System:	0.0	0.5	0.4	2.0	8.9	20.3	35.4	32.6	100.0%	143,725
Prostate	0.0	0.0	0.1	1.6	8.8	20.4	35.9	33.2	100.0%	140,333
Testis	2.0	34.8	19.7	18.7	11.3	5.3	5.1	3.2	100.0%	1,899
Penis	0.1	0.8	4.5	11.0	20.1	24.9	22.7	15.9	100.0%	1,250
Other male genital system	0.4	0.8	3.3	9.1	11.1	23.0	28.0	24.3	100.0%	243
Urinary System:	0.2	0.3	1.1	6.4	16.0	23.3	30.1	22.6	100.0%	143,260
Urinary bladder	0.0	0.1	0.6	3.9	11.7	21.1	33.7	29.0	100.0%	73,226
Kidney & renal pelvis	0.4	0.5	1.8	9.3	21.2	25.7	25.7	15.4	100.0%	66,186
Ureter	0.1	0.2	0.3	3.3	9.8	24.3	36.7	25.3	100.0%	1,791
Other urinary system	0.0	0.1	1.5	5.3	12.3	21.8	34.6	24.4	100.0%	2,057
Eye & Orbit	2.1	2.0	4.3	11.1	20.3	22.6	21.9	15.6	100.0%	1,382
Brain & Nervous System:	3.7	3.5	5.7	13.9	23.7	23.4	18.6	7.4	100.0%	71,831
Endocrine System:	6.3	2.5	3.8	9.7	17.9	22.4	23.2	14.2	100.0%	13,179
Thyroid	0.2	0.8	2.2	7.8	17.5	24.6	28.2	18.6	100.0%	8,479
Other endocrine & thymus	17.3	5.6	6.8	13.1	18.5	18.4	14.3	6.1	100.0%	4,700
Lymphoma:	0.4	1.9	2.6	6.4	14.4	22.2	31.3	20.7	100.0%	107,706
Hodgkin lymphoma	1.3	11.8	9.7	11.1	15.2	18.7	21.3	11.0	100.0%	5,950
Non-Hodgkin lymphoma	0.4	1.4	2.2	6.2	14.4	22.4	31.9	21.3	100.0%	101,756
Myeloma	0.0	0.1	0.9	5.6	16.4	26.5	32.7	17.8	100.0%	55,550
Leukemia:	2.4	2.9	2.7	6.1	13.1	22.1	30.3	20.4	100.0%	114,295
Lymphocytic:	3.8	3.5	2.2	4.8	11.4	19.5	29.1	25.8	100.0%	31,753
Acute lymphocytic	16.4	15.1	8.1	11.2	14.4	15.0	13.0	6.9	100.0%	7,123
Chronic lymphocytic	0.0	0.1	0.4	2.7	10.5	20.9	33.9	31.5	100.0%	22,644
Other lymphocytic	1.4	1.4	1.4	5.1	10.7	19.8	31.9	28.4	100.0%	1,986
Myeloid & Monocytic:	1.8	2.8	3.3	7.5	15.1	24.4	30.0	15.0	100.0%	55,587
Acute myeloid	2.0	2.9	3.3	7.6	15.7	25.2	29.8	13.5	100.0%	46,310
Chronic myeloid	0.4	3.2	4.6	8.6	11.9	18.0	28.8	24.4	100.0%	5,130
Acute monocytic	1.7	1.2	2.1	6.0	11.2	24.4	33.1	20.3	100.0%	483
Other myeloid & monocytic	1.3	1.1	1.9	4.8	12.7	23.7	33.5	21.0	100.0%	3,664
Other leukemia:	2.1	2.2	2.1	4.9	11.0	20.3	32.5	25.1	100.0%	26,955
Other acute leukemia	1.3	2.4	2.1	4.7	11.1	21.1	33.4	23.9	100.0%	9,767
Aleukemic, subleukemic & NOS	2.5	2.1	2.1	4.9	10.9	19.8	31.9	25.7	100.0%	17,188
Ill-defined & unspecified	0.2	0.7	1.8	7.9	17.8	23.5	28.3	19.8	100.0%	211,521

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
 Percents may not sum to 100 due to rounding.