

Table 1.10

Age Distribution (%) of Incidence Cases by Site, 2012-2016

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	2.8	4.9	12.9	24.4	27.6	18.3	8.1	100.0%	2,876,963
Oral Cavity & Pharynx:	0.4	1.9	4.3	16.8	30.9	25.4	14.0	6.3	100.0%	75,483
Lip	0.1	1.3	3.3	12.9	22.0	24.7	22.1	13.7	100.0%	4,076
Tongue	0.1	1.7	3.8	16.3	33.6	26.9	13.0	4.6	100.0%	23,285
Salivary gland	1.8	6.1	6.8	12.8	18.9	23.5	18.4	11.7	100.0%	8,345
Floor of mouth	0.2	0.3	2.2	17.2	34.2	26.9	14.2	4.8	100.0%	3,240
Gum & other oral cavity	0.6	1.9	3.7	11.3	23.3	26.0	20.6	12.7	100.0%	10,065
Nasopharynx	2.1	5.8	12.3	22.7	27.7	18.5	8.4	2.5	100.0%	4,025
Tonsil	0.0	0.3	4.0	24.3	39.9	22.6	7.2	1.6	100.0%	13,644
Oropharynx	0.1	0.4	2.4	17.0	35.7	29.1	11.5	3.7	100.0%	3,174
Hypopharynx	0.0	0.3	1.0	13.5	33.2	30.6	16.6	4.7	100.0%	3,844
Other oral cavity & pharynx	0.2	0.6	2.4	15.0	32.3	27.7	14.6	7.3	100.0%	1,785
Digestive System:	0.3	1.3	3.5	12.7	24.2	26.4	20.8	11.0	100.0%	530,255
Esophagus	0.0	0.4	1.8	9.8	26.9	31.4	20.7	8.9	100.0%	28,434
Stomach	0.1	1.6	4.3	11.7	21.7	26.5	22.5	11.5	100.0%	47,636
Small intestine	0.1	1.7	4.9	14.4	24.7	27.9	19.0	7.2	100.0%	15,387
Colon & Rectum:	0.2	1.7	4.4	15.0	22.2	24.4	20.4	11.7	100.0%	250,162
Colon	0.3	1.6	3.8	12.7	20.2	25.0	22.8	13.6	100.0%	175,113
Rectum	0.0	1.9	5.8	20.6	26.8	22.8	15.0	7.1	100.0%	75,049
Colon & Rectum (Male)	0.2	1.6	4.3	15.7	24.6	25.9	19.1	8.6	100.0%	130,031
Colon & Rectum (Female)	0.3	1.8	4.5	14.3	19.6	22.7	21.9	15.0	100.0%	120,131
Anus, anal canal & anorectum	0.0	1.2	4.9	20.4	31.1	23.2	13.1	6.1	100.0%	12,736
Liver & intrahepatic bile duct	0.8	0.7	1.7	10.7	36.4	27.6	16.0	6.0	100.0%	60,650
Gallbladder	0.0	0.5	2.2	8.5	20.6	28.0	26.3	13.9	100.0%	7,934
Other biliary	0.0	0.6	2.2	8.3	20.2	28.3	26.3	14.0	100.0%	12,217
Pancreas	0.1	0.6	1.8	8.4	22.0	29.2	24.4	13.5	100.0%	84,630
Retroperitoneum	8.4	4.5	5.4	15.8	22.4	24.3	14.4	4.7	100.0%	2,443
Peritoneum, omentum & mesentery	0.4	1.0	2.0	10.1	23.8	33.9	21.0	7.7	100.0%	3,280
Other digestive system	0.1	0.8	2.6	8.6	20.9	26.3	25.2	15.4	100.0%	4,746
Respiratory System:	0.1	0.3	1.1	7.5	22.2	33.4	26.0	9.4	100.0%	382,965
Nose, nasal cavity & middle ear	1.7	3.5	6.8	14.4	23.3	23.7	17.2	9.4	100.0%	4,425
Larynx	0.0	0.4	1.9	13.3	31.2	30.5	17.1	5.6	100.0%	19,953
Lung & bronchus	0.0	0.2	1.0	7.0	21.7	33.7	26.7	9.6	100.0%	357,295
Lung & bronchus (Male)	0.0	0.2	0.9	6.7	22.6	34.4	26.4	8.8	100.0%	181,992
Lung & bronchus (Female)	0.0	0.2	1.1	7.4	20.8	32.9	27.0	10.5	100.0%	175,303
Pleura	2.6	2.1	2.1	6.3	16.4	24.9	28.0	17.5	100.0%	189
Trachea & other respiratory organs	16.0	19.6	8.4	10.8	14.0	14.3	11.8	5.2	100.0%	1,103
Bones & joints	26.6	15.0	9.1	12.2	13.8	11.8	7.7	3.7	100.0%	5,749
Soft tissue (including heart)	7.9	9.1	8.3	13.7	19.3	18.9	14.9	7.9	100.0%	21,612
Skin (excl. basal & squamous):	0.5	5.3	7.1	13.9	21.8	24.0	18.0	9.4	100.0%	155,443
Melanoma of the skin	0.4	5.4	7.3	14.4	22.5	24.1	17.4	8.6	100.0%	142,610
Other non-epithelial skin	1.2	4.9	5.3	8.3	14.9	22.8	25.1	17.6	100.0%	12,833
Breast (Female)	0.0	1.9	8.4	20.1	25.6	24.8	13.7	5.6	100.0%	437,722
Breast (Female -in situ)	0.0	0.8	9.7	26.9	27.6	23.7	9.6	1.8	100.0%	112,119

Source: SEER 21 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, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).
 Percents may not sum to 100 due to rounding.

Table 1.10 - continued

Age Distribution (%) of Incidence Cases by Site, 2012-2016

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:	0.3	3.7	7.6	16.8	29.0	24.5	12.6	5.5	100.0%	177,691
Cervix uteri	0.1	13.4	23.0	22.9	19.7	11.9	6.3	2.7	100.0%	22,610
Corpus uteri	0.0	1.5	5.0	15.6	34.5	28.2	11.5	3.6	100.0%	95,900
Uterus, NOS	0.2	1.9	5.4	14.7	23.4	23.7	17.3	13.4	100.0%	3,009
Ovary ^a	1.3	4.0	6.7	17.5	24.7	22.6	15.3	7.9	100.0%	39,543
Vagina	0.9	1.3	4.7	12.9	21.6	26.4	20.2	12.1	100.0%	2,382
Vulva	0.1	1.5	5.0	13.9	19.8	22.4	21.9	15.4	100.0%	8,934
Other female genital system	0.5	3.6	3.4	12.7	25.4	28.7	17.9	7.9	100.0%	5,313
Male Genital System:	0.3	2.3	1.5	8.9	31.3	37.4	14.3	3.9	100.0%	365,266
Prostate	0.0	0.0	0.5	8.7	32.7	39.2	14.9	4.0	100.0%	345,138
Testis	5.3	50.4	23.1	13.1	5.6	1.7	0.6	0.2	100.0%	16,789
Penis	0.0	1.8	4.8	11.6	19.7	27.1	23.9	11.2	100.0%	2,559
Other male genital system	1.4	3.3	3.5	11.5	22.6	29.6	19.6	8.5	100.0%	780
Urinary System:	0.5	1.1	3.3	10.0	21.8	29.1	23.2	11.0	100.0%	240,807
Urinary bladder	0.1	0.4	1.3	6.0	18.1	30.2	28.7	15.1	100.0%	130,091
Kidney & renal pelvis	1.1	1.9	5.9	15.4	26.7	27.7	15.9	5.6	100.0%	104,821
Ureter	0.1	0.1	0.4	4.0	14.4	29.9	34.9	16.2	100.0%	3,376
Other urinary system	0.1	0.4	1.3	6.3	16.7	27.5	28.3	19.4	100.0%	2,519
Eye & Orbit	10.8	3.8	6.0	12.7	22.7	23.4	14.7	5.9	100.0%	5,560
Brain & Nervous System:	12.2	8.9	7.6	13.0	20.4	19.8	13.0	5.1	100.0%	39,632
Brain	11.2	8.8	7.4	12.9	20.8	20.3	13.4	5.2	100.0%	37,213
Cranial nerves & other nervous system	27.7	10.6	10.3	14.1	14.7	11.8	6.7	4.1	100.0%	2,419
Endocrine System:	2.7	15.3	17.9	22.2	21.1	14.0	5.5	1.3	100.0%	101,150
Thyroid	1.8	15.8	18.4	22.6	21.1	13.8	5.3	1.2	100.0%	96,253
Other endocrine & thymus	19.6	6.6	8.0	13.1	21.0	18.0	10.5	3.1	100.0%	4,897
Lymphoma:	2.8	6.8	6.1	11.9	20.3	24.1	19.3	8.7	100.0%	141,683
Hodgkin lymphoma	12.0	31.5	13.7	12.7	12.1	9.7	6.2	2.1	100.0%	15,829
Non-Hodgkin lymphoma	1.7	3.6	5.1	11.8	21.3	26.0	20.9	9.6	100.0%	125,854
Myeloma	0.0	0.5	2.7	10.6	23.2	30.2	23.5	9.4	100.0%	45,190
Leukemia:	7.9	4.5	4.5	9.6	18.1	23.9	20.5	11.1	100.0%	88,755
Lymphocytic:	11.9	2.7	3.0	9.0	19.4	24.5	19.1	10.4	100.0%	44,756
Acute lymphocytic	54.2	10.9	6.0	7.3	8.9	6.9	4.1	1.8	100.0%	9,739
Chronic lymphocytic	0.0	0.3	1.6	8.8	22.3	30.0	23.9	13.0	100.0%	32,445
Other lymphocytic	1.0	2.0	9.4	17.9	22.8	22.0	15.2	9.6	100.0%	2,572
Myeloid & Monocytic:	3.8	6.4	6.1	10.4	17.1	23.9	21.7	10.7	100.0%	40,818
Acute myeloid	4.5	5.7	5.3	9.1	16.8	25.1	22.7	11.0	100.0%	26,824
Chronic myeloid	2.0	7.9	8.1	13.5	18.0	21.5	19.4	9.6	100.0%	11,858
Acute monocytic	5.7	5.1	6.5	10.0	17.3	22.7	22.3	10.5	100.0%	1,202
Other myeloid & monocytic	3.4	6.6	5.1	8.5	14.9	22.1	23.3	16.1	100.0%	934
Other leukemia:	5.2	4.9	4.5	7.8	11.3	17.0	23.3	26.0	100.0%	3,181
Other acute leukemia	7.6	5.9	3.7	6.7	11.2	18.4	24.6	21.9	100.0%	1,413
Aleukemic, subleukemic & NOS	3.4	4.1	5.1	8.7	11.3	15.8	22.3	29.2	100.0%	1,768
Kaposi Sarcoma	0.2	22.3	17.4	20.9	12.1	9.6	10.0	7.5	100.0%	3,080
Mesothelioma	0.0	1.0	1.9	5.4	14.1	28.6	32.6	16.4	100.0%	5,736
Ill-defined & unspecified	0.4	0.9	2.0	7.4	18.3	24.0	25.7	21.4	100.0%	49,525

Source: SEER 21 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, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

Percentages may not sum to 100 due to rounding.

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

Table 1.12

Age Distribution (%) of Deaths by Site, 2012-2016

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	1.9	7.6	19.4	26.9	26.0	17.0	100.0%	2,953,115
Oral Cavity & Pharynx:	0.1	0.7	2.1	11.4	26.9	26.5	19.6	12.7	100.0%	47,102
Lip	0.3	0.0	1.1	8.3	16.9	19.9	23.8	29.6	100.0%	361
Tongue	0.0	1.2	2.5	11.5	27.5	27.2	19.0	11.2	100.0%	12,024
Salivary gland	0.1	1.0	2.6	7.5	17.1	23.6	24.9	23.3	100.0%	4,728
Floor of mouth	0.0	0.2	0.7	16.0	27.6	24.2	19.4	11.9	100.0%	413
Gum & other oral cavity	0.0	0.4	1.4	8.3	20.9	24.1	22.9	21.9	100.0%	6,710
Nasopharynx	0.5	2.8	5.6	16.0	29.0	23.4	15.7	7.0	100.0%	3,416
Tonsil	0.0	0.1	1.9	16.1	35.3	27.9	13.8	4.9	100.0%	4,684
Oropharynx	0.0	0.4	1.4	12.7	30.3	27.6	18.4	9.1	100.0%	5,031
Hypopharynx	0.0	0.3	1.1	12.3	29.4	29.1	19.0	8.8	100.0%	1,790
Other oral cavity & pharynx	0.0	0.1	0.9	10.5	28.9	29.0	20.2	10.2	100.0%	7,945
Digestive System:	0.0	0.5	1.9	8.5	21.8	26.3	24.4	16.5	100.0%	760,725
Esophagus	0.0	0.3	1.5	8.7	25.1	30.5	22.7	11.3	100.0%	74,943
Stomach	0.0	1.3	3.7	10.0	19.1	23.8	24.9	17.1	100.0%	56,526
Small intestine	0.0	0.7	2.4	8.3	18.9	27.6	26.1	16.0	100.0%	6,949
Colon & Rectum:	0.0	0.8	2.6	9.4	18.8	23.2	24.3	20.9	100.0%	259,662
Colon & Rectum (Male)	0.0	0.8	2.7	10.2	21.3	25.6	23.8	15.5	100.0%	136,380
Colon & Rectum (Female)	0.0	0.7	2.5	8.4	16.0	20.6	24.9	26.8	100.0%	123,282
Anus, anal canal & anorectum	0.0	0.7	4.3	15.5	27.4	24.5	16.8	10.8	100.0%	4,855
Liver & intrahepatic bile duct	0.2	0.5	1.4	8.7	31.1	27.1	20.8	10.2	100.0%	124,031
Gallbladder	0.0	0.2	1.4	6.7	17.5	28.3	28.5	17.4	100.0%	10,832
Other biliary	0.0	0.3	1.3	5.6	17.3	25.8	28.0	21.5	100.0%	8,066
Pancreas	0.0	0.2	1.1	6.7	20.1	28.8	26.8	16.2	100.0%	202,583
Retroperitoneum	0.8	1.5	2.7	9.2	20.0	27.1	24.7	14.0	100.0%	1,168
Peritoneum, omentum & mesentery	0.0	0.4	1.9	6.4	18.7	29.7	28.2	14.7	100.0%	4,689
Other digestive system	0.0	0.6	1.4	6.9	18.0	25.2	26.6	21.2	100.0%	6,421
Respiratory System:	0.0	0.1	0.7	6.3	20.4	31.9	28.0	12.5	100.0%	795,457
Nose, nasal cavity & middle ear	0.4	2.6	3.6	11.7	20.3	25.3	21.5	14.7	100.0%	2,410
Larynx	0.0	0.1	0.8	9.0	27.4	30.7	21.7	10.2	100.0%	18,777
Lung & bronchus	0.0	0.1	0.7	6.2	20.2	32.0	28.2	12.6	100.0%	771,712
Lung & bronchus (Male)	0.0	0.1	0.6	6.1	21.4	33.1	27.6	11.1	100.0%	421,626
Lung & bronchus (Female)	0.0	0.1	0.7	6.4	18.8	30.7	28.9	14.3	100.0%	350,086
Pleura	0.2	0.0	0.9	3.2	12.5	28.2	34.9	20.2	100.0%	1,332
Trachea & other respiratory organs	1.4	3.3	3.3	9.4	22.2	26.0	21.5	12.9	100.0%	1,226
Bones & joints	12.3	13.3	5.3	8.9	13.7	16.9	16.3	13.3	100.0%	7,602
Soft tissue (including heart)	3.5	5.8	5.9	12.1	20.0	22.0	19.2	11.6	100.0%	23,488
Skin (excl. basal & squamous):	0.1	1.5	3.4	9.0	18.2	23.0	24.5	20.4	100.0%	63,405
Melanoma of the skin	0.1	1.9	4.3	10.2	19.4	23.6	23.9	16.6	100.0%	45,042
Other non-epithelial skin	0.0	0.5	1.1	5.9	15.3	21.5	25.9	29.7	100.0%	18,363
Breast (Female)	0.0	0.9	4.7	12.9	21.8	22.9	19.7	17.0	100.0%	206,231

Source: US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
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Table 1.12 - continued

Age Distribution (%) of Deaths by Site, 2012-2016

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+		
Female Genital System:	0.0	1.3	3.6	10.5	21.9	27.1	22.0	13.6	100.0%	151,537
Cervix uteri	0.0	5.3	13.2	22.4	24.3	17.7	10.9	6.2	100.0%	20,769
Corpus uteri	0.0	0.4	1.7	6.7	23.6	32.8	22.7	12.1	100.0%	21,635
Uterus, NOS	0.0	0.5	1.9	7.8	23.1	30.2	22.0	14.5	100.0%	27,157
Ovary	0.1	0.7	2.3	9.6	21.2	27.5	24.5	14.2	100.0%	71,018
Vagina	0.1	0.6	2.2	7.4	15.7	22.4	26.6	25.2	100.0%	2,120
Vulva	0.1	0.5	1.6	6.8	13.7	19.8	27.3	30.2	100.0%	5,470
Other female genital system	0.1	1.1	2.1	8.7	20.5	30.2	23.9	13.5	100.0%	3,368
Male Genital System:	0.0	0.5	0.4	1.8	9.4	22.0	33.1	32.8	100.0%	146,270
Prostate	0.0	0.0	0.1	1.5	9.3	22.2	33.5	33.4	100.0%	142,486
Testis	2.0	34.3	18.1	18.7	11.6	7.7	4.6	3.1	100.0%	1,985
Penis	0.0	1.1	3.6	10.3	17.6	25.9	24.8	16.7	100.0%	1,470
Other male genital system	0.0	0.9	2.1	7.9	12.2	27.4	30.4	19.1	100.0%	329
Urinary System:	0.1	0.3	1.0	5.3	15.7	24.6	28.7	24.2	100.0%	153,617
Urinary bladder	0.0	0.1	0.5	3.2	11.4	21.9	31.9	31.0	100.0%	79,677
Kidney & renal pelvis	0.3	0.6	1.6	7.9	20.9	27.8	24.8	16.2	100.0%	69,631
Ureter	0.0	0.0	0.3	2.2	10.1	23.1	36.1	28.1	100.0%	2,026
Other urinary system	0.0	0.2	1.1	4.2	13.1	24.2	31.1	26.1	100.0%	2,283
Eye & Orbit	2.2	1.9	3.0	9.0	20.3	26.8	22.3	14.4	100.0%	1,607
Brain & Nervous System:	3.5	3.4	5.2	12.4	23.9	25.9	18.2	7.7	100.0%	79,718
Endocrine System:	5.3	2.1	3.4	8.9	18.2	23.9	23.0	15.2	100.0%	14,228
Thyroid	0.1	0.7	1.8	7.3	17.6	26.2	27.4	18.9	100.0%	9,308
Other endocrine & thymus	15.2	4.7	6.4	12.0	19.2	19.4	14.8	8.2	100.0%	4,920
Lymphoma:	0.3	1.7	2.0	5.6	13.9	23.9	30.4	22.2	100.0%	106,727
Hodgkin lymphoma	0.9	9.8	6.6	11.1	15.3	21.1	22.7	12.5	100.0%	5,417
Non-Hodgkin lymphoma	0.3	1.2	1.8	5.3	13.9	24.0	30.8	22.8	100.0%	101,310
Myeloma	0.0	0.1	0.8	5.0	15.3	27.9	32.0	18.9	100.0%	60,231
Leukemia:	2.1	2.6	2.4	5.3	12.5	23.4	29.8	21.8	100.0%	116,556
Lymphocytic:	3.4	3.4	2.3	4.2	10.4	19.1	28.4	28.8	100.0%	31,509
Acute lymphocytic	14.3	14.3	8.5	10.7	14.7	16.4	13.2	7.9	100.0%	7,346
Chronic lymphocytic	0.0	0.0	0.3	2.1	8.9	19.9	33.2	35.5	100.0%	22,147
Other lymphocytic	0.6	1.0	1.4	4.0	10.8	20.6	30.6	31.0	100.0%	2,016
Myeloid & Monocytic:	1.6	2.5	2.7	6.2	14.6	26.7	29.9	15.9	100.0%	59,515
Acute myeloid	1.8	2.5	2.7	6.3	15.2	27.7	29.5	14.2	100.0%	49,539
Chronic myeloid	0.5	2.8	3.6	6.9	11.6	18.2	30.0	26.4	100.0%	5,297
Acute monocytic	2.4	0.6	1.5	5.2	13.7	22.5	30.9	23.2	100.0%	466
Other myeloid & monocytic	0.6	1.1	1.6	4.0	11.3	25.5	34.3	21.6	100.0%	4,213
Other leukemia:	1.9	2.1	1.8	4.5	10.4	21.0	31.3	27.0	100.0%	25,532
Other acute leukemia	1.3	2.3	2.0	4.4	9.6	21.6	32.7	26.1	100.0%	8,413
Aleukemic, subleukemic & NOS	2.2	2.0	1.7	4.6	10.8	20.7	30.7	27.4	100.0%	17,119
Ill-defined & unspecified	0.2	0.7	1.5	6.6	18.0	25.4	26.7	20.8	100.0%	216,353

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