

Table 1.4  
Age-Adjusted SEER Incidence and U.S. Death Rates and 5-Year Relative Survival (Percent)  
By Primary Cancer Site, Sex and Time Period

All Races

Site	Incidence <sup>a</sup> (2004-2008)			US Mortality <sup>b</sup> (2004-2008)			Survival <sup>c</sup> (%) (2001-2007)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Sites	464.4	541.0	411.6	181.3	223.0	153.2	65.3	66.0	64.7
Oral Cavity & Pharynx:	10.6	15.7	6.2	2.5	3.9	1.4	60.8	59.8	62.9
Lip	0.7	1.2	0.3	0.0	0.0	0.0	90.5	90.8	89.8
Tongue	3.0	4.5	1.7	0.6	0.9	0.4	59.4	59.5	59.1
Salivary gland	1.3	1.7	1.0	0.2	0.4	0.1	71.3	64.7	79.8
Floor of mouth	0.6	0.9	0.3	0.0	0.1	0.0	51.2	48.7	57.4
Gum & other oral cavity	1.5	1.8	1.2	0.4	0.5	0.3	58.1	55.1	61.7
Nasopharynx	0.7	1.0	0.4	0.2	0.3	0.1	58.3	57.7	59.5
Tonsil	1.6	2.7	0.6	0.2	0.3	0.1	67.8	68.5	64.5
Oropharynx	0.4	0.6	0.2	0.2	0.3	0.1	38.0	39.3	34.1
Hypopharynx	0.7	1.1	0.2	0.1	0.2	0.0	30.2	30.2	30.8
Other oral cavity & pharynx	0.2	0.3	0.1	0.5	0.9	0.2	35.8	39.3	26.5
Digestive System:	86.9	106.4	71.3	43.6	56.1	33.8	44.4	42.7	46.3
Esophagus	4.5	7.8	1.9	4.3	7.8	1.6	16.8	16.8	16.8
Stomach	7.7	10.8	5.4	3.7	5.2	2.7	26.3	24.5	29.0
Small intestine	2.0	2.4	1.6	0.4	0.5	0.3	63.2	63.8	62.4
Colon & Rectum:	47.2	55.0	41.0	17.1	20.7	14.5	64.3	64.6	64.0
Colon	33.9	38.3	30.6	-	-	-	63.6	64.0	63.2
Rectum	13.2	16.7	10.4	-	-	-	66.0	65.8	66.2
Anus, anal canal & anorectum	1.6	1.4	1.8	0.2	0.2	0.2	64.9	59.8	68.2
Liver & intrahep. bile duct:	7.3	11.2	3.9	5.3	7.9	3.2	14.4	14.4	14.4
Liver	6.7	10.6	3.3	4.1	6.5	2.2	15.2	14.9	15.7
Intrahepatic bile duct	0.6	0.7	0.6	1.2	1.4	1.1	5.4	4.9	6.0
Gallbladder	1.2	0.8	1.5	0.6	0.5	0.8	16.5	14.2	17.4
Other biliary	1.8	2.3	1.5	0.5	0.5	0.4	15.5	16.4	14.5
Pancreas	12.0	13.6	10.7	10.8	12.5	9.4	5.5	5.1	5.8
Retroperitoneum	0.4	0.4	0.4	0.1	0.1	0.1	50.2	47.8	52.5
Peritoneum, omentum & mesentery	0.7	0.1	1.2	0.3	0.1	0.4	28.6	39.7	27.9
Other digestive system	0.5	0.6	0.5	0.3	0.3	0.2	10.5	10.3	10.8
Respiratory System:	66.3	82.5	54.3	53.1	70.0	40.8	18.7	18.1	19.5
Nose, nasal cavity & middle ear	0.7	0.9	0.5	0.2	0.2	0.1	56.2	56.0	56.5
Larynx	3.4	6.0	1.3	1.2	2.2	0.5	60.8	61.8	56.7
Lung & bronchus	62.0	75.2	52.3	51.6	67.4	40.1	15.6	13.5	18.0
Pleura <sup>d</sup>	0.0	0.0	0.0	0.1	0.1	0.0	24.8	21.0	31.5
Trachea & other respiratory organs	0.2	0.3	0.1	0.1	0.1	0.0	49.8	53.2	40.6
Bones & joints	0.9	1.0	0.8	0.4	0.5	0.4	66.3	63.7	69.5
Soft tissue (including heart)	3.3	3.9	2.8	1.3	1.5	1.1	66.1	65.6	66.7
Skin (excl. basal & squamous):	22.7	29.4	18.1	3.5	5.5	2.1	90.8	88.7	93.4
Melanoma of the skin	20.8	26.7	16.7	2.7	4.0	1.7	91.2	89.2	93.7
Other non-epithelial skin	1.9	2.6	1.5	0.8	1.5	0.4	85.9	83.0	89.4
Breast	67.0	1.2	124.0	13.2	0.3	23.5	89.1	85.7	89.1
Breast ( <i>in situ</i> )	16.4	0.2	30.9	-	-	-	100.0	100.0	100.0

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>a</sup> 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).

<sup>b</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> SEER 17 areas. Based on follow-up of patients into 2008.

<sup>d</sup> Mesotheliomas of the Pleura are included in the separate group Mesothelioma for incidence but are included in the Pleura grouping for mortality.

- Statistic could not be calculated due to less than 16 cases in the time interval.

Table 1.4 - continued  
Age-Adjusted SEER Incidence and U.S. Death Rates and 5-Year Relative Survival (Percent)  
By Primary Cancer Site, Sex and Time Period

All Races

Site	Incidence <sup>a</sup> (2004-2008)			US Mortality <sup>b</sup> (2004-2008)			Survival <sup>c</sup> (%) (2001-2007)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Female Genital System:	26.0	-	48.6	8.9	-	15.9	68.1	-	68.1
Cervix uteri	4.2	-	8.1	1.3	-	2.4	68.6	-	68.6
Corpus uteri	12.5	-	23.4	1.1	-	1.9	83.1	-	83.1
Uterus, NOS	0.3	-	0.6	1.3	-	2.2	25.9	-	25.9
Ovary <sup>d</sup>	6.9	-	12.8	4.7	-	8.4	43.8	-	43.8
Vagina	0.4	-	0.7	0.1	-	0.2	50.2	-	50.2
Vulva	1.3	-	2.3	0.3	-	0.5	72.7	-	72.7
Other female genital system	0.4	-	0.8	0.1	-	0.2	61.1	-	61.1
Male Genital System:	72.9	162.6	-	9.5	24.8	-	99.1	99.1	-
Prostate	69.7	156.0	-	9.3	24.4	-	99.4	99.4	-
Testis	2.8	5.5	-	0.1	0.2	-	95.3	95.3	-
Penis	0.4	0.8	-	0.1	0.2	-	64.1	64.1	-
Other male genital system	0.1	0.2	-	0.0	0.0	-	88.7	88.7	-
Urinary System:	36.6	58.8	20.0	8.7	13.9	5.0	74.1	75.8	70.5
Urinary bladder	21.1	37.5	9.2	4.4	7.7	2.2	78.1	79.9	72.6
Kidney & renal pelvis	14.6	20.0	10.2	4.0	5.9	2.7	69.5	69.5	69.4
Ureter	0.6	0.8	0.4	0.1	0.2	0.1	51.0	53.5	47.6
Other urinary system	0.3	0.5	0.2	0.1	0.2	0.1	51.7	54.9	46.7
Eye & Orbit	0.8	1.0	0.7	0.1	0.1	0.1	82.4	81.0	83.9
Brain & Nervous System: <sup>e</sup>	6.5	7.7	5.4	4.3	5.2	3.5	33.4	31.8	35.4
Brain	6.1	7.3	5.0	-	-	-	30.2	29.1	31.4
Cranial nerves & other nervous system	0.4	0.4	0.4	-	-	-	79.6	75.6	83.0
Endocrine System:	11.7	6.4	17.0	0.8	0.8	0.8	94.8	89.7	96.6
Thyroid	11.0	5.6	16.3	0.5	0.5	0.5	97.2	94.2	98.1
Other endocrine & thymus	0.7	0.9	0.6	0.3	0.3	0.3	62.9	64.0	61.4
Lymphoma:	22.7	27.1	19.1	7.1	9.1	5.7	69.7	68.2	71.3
Hodgkin lymphoma	2.8	3.1	2.6	0.4	0.5	0.3	83.9	82.8	85.2
Non-Hodgkin lymphoma	19.8	24.0	16.5	6.7	8.6	5.4	67.3	65.7	69.0
Myeloma	5.7	7.2	4.6	3.5	4.4	2.8	39.7	40.6	38.6
Leukemia:	12.5	16.1	9.7	7.1	9.7	5.4	53.9	54.2	53.5
Lymphocytic:	6.3	8.4	4.6	2.0	2.9	1.4	74.1	73.7	74.8
Acute lymphocytic	1.7	1.9	1.4	0.5	0.6	0.4	64.4	64.1	64.9
Chronic lymphocytic	4.2	5.8	3.0	1.4	2.1	0.9	78.0	76.6	80.2
Other lymphocytic	0.4	0.7	0.2	0.1	0.2	0.1	80.4	85.9	66.2
Myeloid & Monocytic:	5.5	6.9	4.5	3.4	4.4	2.6	32.8	32.2	33.6
Acute myeloid	3.5	4.3	3.0	2.8	3.6	2.2	22.6	21.2	24.2
Chronic myeloid	1.6	2.0	1.2	0.3	0.5	0.3	57.2	56.8	57.6
Acute monocytic	0.3	0.3	0.2	0.0	0.0	0.0	24.0	23.4	24.5
Other myeloid & monocytic	0.2	0.2	0.1	0.2	0.3	0.1	30.8	29.4	32.4
Other leukemia:	0.7	0.8	0.6	1.8	2.3	1.3	26.1	25.8	26.5
Other acute leukemia	0.3	0.3	0.2	0.7	0.9	0.6	15.6	16.6	14.4
Aleukemic, subleukemic & NOS	0.4	0.5	0.3	1.0	1.4	0.8	34.3	33.1	35.7
Kaposi Sarcoma <sup>f</sup>	0.6	1.2	0.1	-	-	-	67.6	67.4	68.2
Mesothelioma <sup>f</sup>	1.1	1.9	0.4	-	-	-	7.7	5.9	13.6
Ill-defined & unspecified	9.5	10.9	8.5	13.7	17.3	11.0	16.2	19.9	12.7

Note: Incidence and death rates are per 100,000 and are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>a</sup> 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).

<sup>b</sup> US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>c</sup> SEER 17 areas. Based on follow-up of patients into 2008.

<sup>d</sup> Ovary excludes borderline cases or histologies 8442, 8451, 8462, 8472, and 8473.

<sup>e</sup> Due to coding changes, Brain & Nervous System mortality are no longer shown separately.

<sup>f</sup> Rate not shown for mortality. Category did not exist in mortality coding until 1999.

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