

Table 1.8  
SEER Incidence and U.S. Mortality Trends by Primary Cancer Site and Sex  
Whites, 2009–2018

Site	Incidence <sup>a</sup>			US Mortality <sup>b</sup>		
	Total APC	Males APC	Females APC	Total APC	Males APC	Females APC
All Sites	-1.0*	-1.6*	-0.3*	-1.5*	-1.8*	-1.4*
Oral Cavity & Pharynx:	0.6*	0.7*	0.3*	0.9*	1.0*	0.3
Lip	-1.9	-2.5*	-0.6	-0.9	-3.0	3.2
Tongue	1.8*	1.7*	1.9*	1.9*	2.2*	1.4*
Salivary gland	-0.1	-0.4	0.2	1.0*	0.6	1.5
Floor of mouth	-3.5*	-3.4*	-3.8*	-3.1*	-3.0	-3.5
Gum & other oral cavity	-0.2	-0.2	-0.2	0.5	0.7	0.3
Nasopharynx	-2.1*	-2.0*	-2.4*	-1.3*	-0.9	-2.1
Tonsil	1.9*	2.2*	0.6	2.6*	3.2*	0.2
Oropharynx	5.1*	5.5*	3.6*	3.9*	4.4*	2.1*
Hypopharynx	-2.9*	-2.8*	-3.5*	1.5	1.4	1.0
Other oral cavity & pharynx	0.1	0.5	-1.1	-2.5*	-2.5*	-2.9*
Digestive System:	-0.7*	-0.9*	-0.6*	-0.4*	-0.5*	-0.5*
Esophagus	-0.9*	-1.1*	-0.9	-0.8*	-0.9*	-1.1*
Stomach	-0.9*	-1.6*	0.1	-2.0*	-2.3*	-1.8*
Small intestine	0.9*	0.8	1.0*	2.1*	2.6*	1.3
Colon & Rectum:	-1.8*	-2.0*	-1.7*	-1.8*	-2.0*	-1.8*
Colon	-2.0*	-2.3*	-1.9*	-	-	-
Rectum	-1.4*	-1.5*	-1.4*	-	-	-
Anus, anal canal & anorectum	1.1*	0.6	1.5*	3.1*	2.9*	3.3*
Liver & intrahepatic bile duct	1.6*	1.1*	2.5*	1.9*	1.6*	2.2*
Gallbladder	-0.9*	-0.6	-0.9*	-1.7*	-2.0*	-1.4*
Other biliary	-0.8	-0.8	-0.9	1.0*	0.9	1.0*
Pancreas	0.7*	0.7*	0.6*	0.3*	0.3*	0.2*
Retroperitoneum	-0.3	0.0	-0.7	3.4*	3.8*	2.8
Peritoneum, omentum & mesentery	-4.0*	-3.0	-4.0*	0.7	2.9*	0.3
Other digestive system	5.3*	5.0*	5.5*	3.6*	2.7*	4.3*
Respiratory System:	-2.2*	-2.9*	-1.4*	-3.4*	-3.9*	-2.8*
Nose, nasal cavity & middle ear	-0.3	-0.7	0.1	-0.2	-0.1	-0.7
Larynx	-2.9*	-3.2*	-2.6*	-1.8*	-1.9*	-2.0*
Lung & bronchus	-2.2*	-3.0*	-1.4*	-3.4*	-4.1*	-2.8*
Pleura	-4.4	-5.7	-3.7	4.6*	4.3*	4.2*
Trachea & other respiratory organs	-0.7	-0.6	-1.1	1.7	0.8	2.7*
Bones & joints	0.3	0.4	0.1	1.6*	1.6*	1.4*
Soft tissue (including heart)	0.0	0.1	-0.3	0.1	-0.1	0.1
Skin (excl. basal & squamous):	1.1*	0.9*	1.1*	-1.8*	-1.9*	-1.9*
Melanoma of the skin	1.1*	1.0*	1.2*	-3.3*	-3.5*	-3.2*
Other non-epithelial skin	0.4	0.7	-0.2	2.4*	2.0*	2.7*
Breast	-0.1	0.4	0.1	-1.5*	-0.6	-1.4*
Breast ( <i>in situ</i> )	-1.9*	1.3	-1.8*	-	-	-

The APC is the Annual Percent Change over the time interval.

Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

<sup>a</sup> 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).

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

\* The APC is significantly different from zero (p<.05).

- Statistic could not be calculated. Trend based on less than 10 cases for at least one year within the time interval.

Table 1.8 - continued  
SEER Incidence and U.S. Mortality Trends by Primary Cancer Site and Sex  
Whites, 2009-2018

Site	Incidence <sup>a</sup>			US Mortality <sup>b</sup>		
	Total APC	Males APC	Females APC	Total APC	Males APC	Females APC
Female Genital System:	-0.2	-	0.0	-0.7*	-	-0.4*
Cervix uteri	-0.4	-	-0.3	0.0	-	0.2
Corpus uteri	0.5*	-	0.6*	5.0*	-	5.3*
Uterus, NOS	2.2*	-	2.6*	-1.4	-	-1.1
Ovary <sup>c</sup>	-2.8*	-	-2.6*	-2.6*	-	-2.4*
Vagina	-1.8*	-	-1.6*	-2.7*	-	-2.5*
Vulva	0.3	-	0.6	2.0*	-	2.4*
Other female genital system	9.1*	-	9.1*	6.7*	-	6.9*
Male Genital System:	-3.3*	-3.5*	-	-0.8*	-1.4*	-
Prostate	-3.6*	-3.8*	-	-0.8*	-1.5*	-
Testis	0.5*	0.5*	-	-0.1	-0.2	-
Penis	0.0	-0.1	-	3.4*	3.2*	-
Other male genital system	-1.2	-1.7	-	1.6	0.9	-
Urinary System:	-0.6*	-0.9*	-0.4	-0.7*	-0.8*	-0.9*
Urinary bladder	-1.5*	-1.7*	-1.5*	-0.4	-0.6*	-0.4
Kidney & renal pelvis	0.6*	0.5*	0.6*	-1.2*	-1.2*	-1.4*
Ureter	-1.6*	-1.7*	-1.7	0.0	0.2	-0.3
Other urinary system	3.8*	2.7*	5.4*	0.2	0.6	-1.1
Eye & Orbit	-0.6	-1.0	-0.3	0.8	1.2	0.3
Brain & Nervous System: <sup>d</sup>	-0.5*	-0.5*	-0.6	0.5*	0.4*	0.5
Brain	-0.4	-0.5*	-0.4	-	-	-
Cranial nerves & other nervous system	-2.1*	-1.3	-2.9*	-	-	-
Endocrine System:	-0.1	0.6	-0.3	-0.1	0.2	-0.2
Thyroid	-0.1	0.6	-0.3	0.2	0.5	0.0
Other endocrine & thymus	-0.2	0.3	-0.9	-0.4	-0.3	-0.6
Lymphoma:	-0.9*	-0.9*	-0.9*	-2.3*	-2.0*	-2.7*
Hodgkin lymphoma	-1.5*	-1.5*	-1.5*	-4.4*	-4.0*	-5.0*
Non-Hodgkin lymphoma	-0.8*	-0.8*	-0.8*	-2.2*	-1.9*	-2.6*
Myeloma	0.2	0.0	0.2	-0.8*	-0.8*	-1.0*
Leukemia:	-0.7	-0.8	-0.7	-1.7*	-1.8*	-1.7*
Lymphocytic:	-1.3*	-1.4*	-1.3*	-2.1*	-2.2*	-2.2*
Acute lymphocytic	0.2	0.5	-0.1	-0.1	0.4	-1.0
Chronic lymphocytic	-1.8*	-2.0*	-1.8*	-3.0*	-3.1*	-2.9*
Other lymphocytic	-0.9	-1.0	-0.9	-0.5	-1.1	0.4
Myeloid & Monocytic:	0.1	-0.1	0.2	-0.1	-0.2	-0.1
Acute myeloid	0.4	0.2	0.6	-0.4*	-0.5*	-0.3
Chronic myeloid	0.1	0.0	0.1	0.1	-0.1	0.2
Acute monocytic	-4.0*	-4.2*	-3.8*	-2.1	-1.8	-2.6
Other myeloid & monocytic	-3.8*	-3.3*	-4.8*	2.4*	2.6*	1.9*
Other leukemia:	-1.4	-0.8	-2.0	-4.8*	-4.9*	-4.9*
Other acute leukemia	-3.5*	-3.0*	-3.9*	-6.4*	-6.4*	-6.8*
Aleukemic, subleukemic & NOS	-0.4	0.2	-1.1	-3.9*	-4.2*	-3.8*
Kaposi Sarcoma <sup>e</sup>	-5.1*	-5.2*	-6.5*	-	-	-
Mesothelioma <sup>e</sup>	-3.3*	-4.5*	0.1	-	-	-
Ill-defined & unspecified	-2.1*	-2.3*	-1.9*	-1.3*	-1.5*	-1.1*

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<sup>a</sup> 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).

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

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

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

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

\* The APC is significantly different from zero (p<.05).

- Statistic could not be calculated. Trend based on less than 10 cases for at least one year within the time interval.