

Table 34.1
Soft Tissue Sarcomas

Histologic Type at Parenchymatous and Nonparenchymatous Sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and Peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases
2011-2015 All Races, Both Sexes

Histologic Type	Nonparenchymatous Sites											
	Soft Tissues ^a		Retroperitoneum & Peritoneum ^b		Pleura ^c		Heart & Mediastinum ^d		Spleen ^e		All Other Sites	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Fibrosarcomas (8810-8813)	1,062	7.6%	-	-	-	-	-	-	-	-	90	0.5%
Infantile fibrosarcoma (8814)	21	0.1%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	747	5.3%	-	-	-	-	-	-	-	-	763	3.8%
Dermatofibrosarcomas (8832-8833)	628	4.5%	-	-	-	-	-	-	-	-	1,474	7.4%
Liposarcomas (8850-8855,8857)	2,385	17.0%	471	22.1%	-	-	17	5.4%	-	-	221	1.1%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,821	13.0%	417	19.5%	-	-	-	-	-	-	2,421	12.2%
Rhabdomyosarcomas (8900-8902,8912-8921)	399	2.8%	19	0.9%	-	-	-	-	-	-	251	1.3%
Embryonal rhabdomyosarcoma (8910)	162	1.2%	-	-	-	-	-	-	-	-	194	1.0%
Hemangiosarcomas (9120,9124,9170)	576	4.1%	-	-	-	-	59	18.7%	24	80.0%	780	3.9%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	22	0.1%
Hemangiopericytoma, malignant (9150)	59	0.4%	-	-	-	-	-	-	-	-	102	0.5%
Kaposi sarcoma (9140)	143	1.0%	-	-	-	-	-	-	-	-	1,837	9.2%
Malignant peripheral nerve sheath tumor (9540)	190	1.4%	-	-	-	-	-	-	-	-	355	1.8%
Malignant Neurilemmoma (9560-9561)	-	-	-	-	-	-	-	-	-	-	49	0.2%
Neuroblastomas (9490,9500-9503,9505-9506)	104	0.7%	96	4.5%	-	-	70	22.2%	-	-	723	3.6%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	25	0.1%
Synovial sarcomas (9040-9043)	629	4.5%	-	-	-	-	16	5.1%	-	-	115	0.6%
Malignant mesotheliomas (9050-9054)	-	-	458	21.5%	3,296	98.4%	-	-	-	-	199	1.0%

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 Soft tissues (Connective, subcutaneous & other soft tissue) includes primary site codes C49.0-C49.9.

^b Retroperitoneum & peritoneum includes primary site codes C48.0-C48.2, C48.8.

^c Pleura is primary site code C38.4.

^d Heart & mediastinum includes primary site codes C38.0-C38.3, C38.8.

^e Spleen is primary site code C42.2.

- Statistic not shown due to fewer than 16 cases during the time period.

Table 34.1 - continued
Soft Tissue SarcomasHistologic Type at Parenchymatous and Nonparenchymatous Sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and Peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases
2011-2015 All Races, Both Sexes

Histologic Type	Nonparenchymatous Sites											
	Soft Tissues ^a		Retroperitoneum & Peritoneum ^b		Pleura ^c		Heart & Mediastinum ^d		Spleen ^e		All Other Sites	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Giant cell and extraskeletal bone sarcomas (9180-9181, 9220,9231,9240-9243, 9250-9252,9260)	457	3.3%	-	-	-	-	-	-	-	-	2,905	14.6%
Chordomas (9370-9372)	21	0.1%	-	-	-	-	-	-	-	-	458	2.3%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	-	-	16	0.7%	-	-	-	-	-	-	210	1.1%
Myxosarcomas (8840-8841)	110	0.8%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	3,031	21.6%	146	6.8%	18	0.5%	53	16.8%	-	-	1,326	6.7%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	715	3.6%
Alveolar soft part sarcoma (9581)	59	0.4%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	168	1.2%	-	-	-	-	-	-	-	-	64	0.3%
Clear cell sarcoma, NOS (9044)	67	0.5%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	57	0.4%	76	3.6%	-	-	-	-	-	-	3,886	19.5%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	1,081	7.7%	348	16.3%	-	-	26	8.2%	-	-	678	3.4%
Total Sarcomas	14,040	100.0%	2,134	100.0%	3,348	100.0%	316	100.0%	30	100.0%	19,897	100.0%

Histologic Type	Nonparenchymatous Sites											
	Soft Tissues ^a		Retroperitoneum & Peritoneum ^b		Pleura ^c		Heart & Mediastinum ^d		Spleen ^e		All Other Sites	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Sarcomas	14,040	85.9%	2,134	42.9%	3,348	92.6%	316	24.3%	30	2.0%	19,897	1.0%
All other histologies	2,311	14.1%	2,835	57.1%	268	7.4%	987	75.7%	1,490	98.0%	1,913,776	99.0%
Total	16,351	100.0%	4,969	100.0%	3,616	100.0%	1,303	100.0%	1,520	100.0%	1,933,673	100.0%

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 Soft tissues (Connective, subcutaneous & other soft tissue) includes primary site codes C49.0-C49.9.

^b Retroperitoneum & peritoneum includes primary site codes C48.0-C48.2, C48.8.

^c Pleura is primary site code C38.4.

^d Heart & mediastinum includes primary site codes C38.0-C38.3, C38.8.

^e Spleen is primary site code C42.2.

- Statistic not shown due to fewer than 16 cases during the time period.

Table 34.2

Site Distribution of Sarcomas and Other Histologies at Parenchymatous and Nonparenchymatous sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases 2011-2015, All Races, Both Sexes

Primary Site (ICD-O-3 Site Code)	All Sarcomas ^a		Epidermoid Carcinoma ^b		Adenocarcinoma ^c		Other Specified Types ^d	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
All Nonparenchymatous Sites (C38.0-C38.4, C38.8, C42.2, C48.0-C48.2, C48.8, C49.0-C49.9)	19,870	50.0%	148	0.1%	2,155	0.2%	5,586	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	14,042	35.3%	140	0.1%	94	0.0%	2,075	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	2,134	5.4%	-	-	2,056	0.2%	773	0.2%
Pleura (C38.4)	3,348	8.4%	-	-	-	-	268	0.1%
Heart & Mediastinum (C38.0-C38.3, C38.8)	316	0.8%	-	-	-	-	982	0.2%
Spleen (C42.2)	30	0.1%	-	-	-	-	1,488	0.3%
Parenchymatous Sites (All Other Primary Sites)	19,898	50.0%	249,256	99.9%	1,176,836	99.8%	487,683	98.9%
All Sites	39,768	100.0%	249,404	100.0%	1,178,991	100.0%	493,269	100.0%

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 Sarcomas include histologies 8680, 8700-8711, 8800-8805, 8810-8814, 8830, 8832-8833, 8840-8841, 8850-8860, 8890-8931, 8935-8936, 8964, 8990-8991, 9040-9054, 9120-9124, 9130-9150, 9161-9221, 9231-9260, 9330, 9370-9372, 9490-9506, 9540, 9560-9561, 9580-9581.

^b Epidermoid Carcinoma includes histologies 8051-8131.

^c Adenocarcinoma includes histologies 8050, 8140-8147, 8160-8162, 8180-8221, 8250-8507, 8514, 8520-8560, 8570-8574, 8576, 8940-8941.

^d Other Specified Types includes all histologies not included in Sarcomas, Epidermoid Carcinoma and Adenocarcinoma.

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