

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
2006-2010 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)	817	6.6%	-	-	-	-	-	-	-	-	126	0.7%
Infantile fibrosarcoma (8814)	22	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	1,295	10.5%	39	2.0%	-	-	-	-	-	-	799	4.4%
Dermatofibrosarcomas (8832-8833)	419	3.4%	-	-	-	-	-	-	-	-	1,534	8.5%
Liposarcomas (8850-8855,8857)	2,045	16.6%	403	20.5%	-	-	-	-	-	-	154	0.8%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,656	13.4%	367	18.7%	-	-	22	7.5%	-	-	2,124	11.7%
Rhabdomyosarcomas (8900-8902,8912-8921)	388	3.1%	-	-	-	-	-	-	-	-	232	1.3%
Embryonal rhabdomyosarcoma (8910)	154	1.2%	-	-	-	-	-	-	-	-	187	1.0%
Hemangiosarcomas (9120,9124,9170)	455	3.7%	-	-	-	-	54	18.5%	20	76.9%	612	3.4%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	17	0.1%
Hemangiopericytoma, malignant (9150)	69	0.6%	-	-	-	-	-	-	-	-	86	0.5%
Kaposi sarcoma (9140)	101	0.8%	-	-	-	-	-	-	-	-	1,981	10.9%
Malignant peripheral nerve sheath tumor (9540)	208	1.7%	-	-	-	-	-	-	-	-	374	2.1%
Malignant Neurilemmoma (9560-9561)	22	0.2%	-	-	-	-	-	-	-	-	72	0.4%
Neuroblastomas (9490,9500-9503,9505-9506)	68	0.6%	112	5.7%	-	-	60	20.5%	-	-	744	4.1%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	17	0.1%
Synovial sarcomas (9040-9043)	619	5.0%	-	-	-	-	-	-	-	-	91	0.5%
Malignant mesotheliomas (9050-9054)	-	-	403	20.5%	3,324	98.7%	18	6.2%	-	-	186	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
2006-2010 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)	448	3.6%	-	-	-	-	-	-	-	-	2,672	14.7%
Chordomas (9370-9372)	19	0.2%	-	-	-	-	-	-	-	-	392	2.2%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	19	0.2%	-	-	-	-	-	-	-	-	229	1.3%
Myxosarcomas (8840-8841)	92	0.7%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	2,362	19.1%	206	10.5%	17	0.5%	44	15.1%	-	-	1,173	6.5%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	688	3.8%
Alveolar soft part sarcoma (9581)	59	0.5%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	211	1.7%	-	-	-	-	-	-	-	-	64	0.4%
Clear cell sarcoma, NOS (9044)	84	0.7%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	92	0.7%	71	3.6%	-	-	-	-	-	-	2,984	16.4%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	581	4.7%	246	12.5%	-	-	-	-	-	-	587	3.2%
Total Sarcomas	12,341	100.0%	1,967	100.0%	3,367	100.0%	292	100.0%	26	100.0%	18,151	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	12,341	85.8%	1,967	40.1%	3,367	94.4%	292	26.2%	26	1.9%	18,151	1.0%
All other histologies	2,040	14.2%	2,938	59.9%	199	5.6%	824	73.8%	1,334	98.1%	1,812,857	99.0%
Total	14,381	100.0%	4,905	100.0%	3,566	100.0%	1,116	100.0%	1,360	100.0%	1,831,008	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.

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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
2006-2010, 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)	17,994	49.8%	127	0.1%	2,246	0.2%	4,961	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	12,342	34.1%	122	0.1%	67	0.0%	1,850	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	1,967	5.4%	-	-	2,178	0.2%	755	0.2%
Pleura (C38.4)	3,367	9.3%	-	-	-	-	199	0.0%
Heart & Mediastinum (C38.0-C38.3, C38.8)	292	0.8%	-	-	-	-	823	0.2%
Spleen (C42.2)	26	0.1%	-	-	-	-	1,334	0.3%
Parenchymatous Sites (All Other Primary Sites)	18,151	50.2%	229,277	99.9%	1,123,612	99.8%	459,968	98.9%
All Sites	36,145	100.0%	229,404	100.0%	1,125,858	100.0%	464,929	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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