

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
2007-2011 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)	875	6.9%	-	-	-	-	-	-	-	-	126	0.7%
Infantile fibrosarcoma (8814)	21	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	1,170	9.2%	31	1.5%	-	-	-	-	-	-	775	4.2%
Dermatofibrosarcomas (8832-8833)	462	3.6%	-	-	-	-	-	-	-	-	1,529	8.2%
Liposarcomas (8850-8855,8857)	2,167	17.1%	424	20.8%	-	-	16	5.1%	-	-	172	0.9%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,677	13.2%	374	18.4%	-	-	18	5.8%	-	-	2,193	11.8%
Rhabdomyosarcomas (8900-8902,8912-8921)	391	3.1%	-	-	-	-	-	-	-	-	241	1.3%
Embryonal rhabdomyosarcoma (8910)	162	1.3%	-	-	-	-	-	-	-	-	180	1.0%
Hemangiosarcomas (9120,9124,9170)	468	3.7%	-	-	-	-	64	20.5%	21	77.8%	667	3.6%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	23	0.1%
Hemangiopericytoma, malignant (9150)	67	0.5%	-	-	-	-	-	-	-	-	95	0.5%
Kaposi sarcoma (9140)	101	0.8%	-	-	-	-	-	-	-	-	1,960	10.5%
Malignant peripheral nerve sheath tumor (9540)	205	1.6%	-	-	-	-	-	-	-	-	377	2.0%
Malignant Neurilemmoma (9560-9561)	21	0.2%	-	-	-	-	-	-	-	-	60	0.3%
Neuroblastomas (9490,9500-9503,9505-9506)	75	0.6%	117	5.7%	-	-	72	23.1%	-	-	745	4.0%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	-	-
Synovial sarcomas (9040-9043)	613	4.8%	-	-	-	-	-	-	-	-	90	0.5%
Malignant mesotheliomas (9050-9054)	-	-	421	20.7%	3,392	98.5%	18	5.8%	-	-	176	0.9%

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
2007-2011 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	3.6%	18	0.9%	-	-	-	-	-	-	2,760	14.8%
Chordomas (9370-9372)	23	0.2%	-	-	-	-	-	-	-	-	394	2.1%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	19	0.1%	-	-	-	-	-	-	-	-	224	1.2%
Myxosarcomas (8840-8841)	92	0.7%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	2,486	19.6%	196	9.6%	20	0.6%	43	13.8%	-	-	1,203	6.5%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	694	3.7%
Alveolar soft part sarcoma (9581)	67	0.5%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	211	1.7%	-	-	-	-	-	-	-	-	66	0.4%
Clear cell sarcoma, NOS (9044)	73	0.6%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	82	0.6%	85	4.2%	-	-	-	-	-	-	3,251	17.4%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	671	5.3%	264	13.0%	-	-	16	5.1%	-	-	608	3.3%
Total Sarcomas	12,693	100.0%	2,036	100.0%	3,443	100.0%	312	100.0%	27	100.0%	18,647	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	12,693	85.9%	2,036	40.8%	3,443	94.6%	312	27.5%	27	1.9%	18,647	1.0%
All other histologies	2,078	14.1%	2,949	59.2%	196	5.4%	821	72.5%	1,395	98.1%	1,842,845	99.0%
Total	14,771	100.0%	4,985	100.0%	3,639	100.0%	1,133	100.0%	1,422	100.0%	1,861,492	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
2007-2011, 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)	18,512	49.8%	135	0.1%	2,273	0.2%	5,030	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	12,694	34.2%	129	0.1%	74	0.0%	1,874	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	2,036	5.5%	-	-	2,198	0.2%	745	0.2%
Pleura (C38.4)	3,443	9.3%	-	-	-	-	196	0.0%
Heart & Mediastinum (C38.0-C38.3, C38.8)	312	0.8%	-	-	-	-	820	0.2%
Spleen (C42.2)	27	0.1%	-	-	-	-	1,395	0.3%
Parenchymatous Sites (All Other Primary Sites)	18,648	50.2%	234,099	99.9%	1,145,049	99.8%	463,696	98.9%
All Sites	37,160	100.0%	234,234	100.0%	1,147,322	100.0%	468,726	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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