

Table 35.1  
Soft Tissue Sarcomas

Histologic Type at Parenchymatous and Nonparenchymatous Sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and Peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases  
2004-2008 All Races, Both Sexes

Histologic Type	Nonparenchymatous Sites											
	Soft Tissues <sup>a</sup>		Retroperitoneum & Peritoneum <sup>b</sup>		Pleura <sup>c</sup>		Heart & Mediastinum <sup>d</sup>		Spleen <sup>e</sup>		All Other Sites	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Fibrosarcomas (8810-8813)	668	6.1%	-	-	-	-	-	-	-	-	113	0.7%
Infantile fibrosarcoma (8814)	26	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	1,512	13.8%	61	3.4%	-	-	-	-	-	-	705	4.3%
Dermatofibrosarcomas (8832-8833)	365	3.3%	-	-	-	-	-	-	-	-	1,480	9.1%
Liposarcomas (8850-8855,8857)	1,790	16.3%	362	20.1%	-	-	-	-	-	-	133	0.8%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,512	13.8%	300	16.7%	-	-	18	6.5%	-	-	1,919	11.8%
Rhabdomyosarcomas (8900-8902,8912-8921)	353	3.2%	-	-	-	-	-	-	-	-	226	1.4%
Embryonal rhabdomyosarcoma (8910)	111	1.0%	-	-	-	-	-	-	-	-	187	1.1%
Hemangiosarcomas (9120,9124,9170)	376	3.4%	-	-	-	-	39	14.1%	23	76.7%	579	3.6%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	16	0.1%
Hemangiopericytoma, malignant (9150)	67	0.6%	-	-	-	-	-	-	-	-	56	0.3%
Kaposi sarcoma (9140)	86	0.8%	-	-	-	-	-	-	-	-	1,987	12.2%
Malignant peripheral nerve sheath tumor (9540)	200	1.8%	-	-	-	-	-	-	-	-	374	2.3%
Malignant Neurilemmoma (9560,9561)	25	0.2%	-	-	-	-	-	-	-	-	78	0.5%
Neuroblastomas (9490,9500-9503,9505-9506)	76	0.7%	99	5.5%	-	-	73	26.4%	-	-	666	4.1%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	20	0.1%
Synovial sarcomas (9040-9043)	593	5.4%	-	-	-	-	-	-	-	-	84	0.5%
Malignant mesotheliomas (9050-9054)	-	-	402	22.3%	3,098	98.6%	-	-	-	-	155	1.0%

Source: 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). Percents may not sum to 100 due to rounding.

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

<sup>b</sup> Retroperitoneum & peritoneum includes primary site codes C48.0-C48.2, C48.8.

<sup>c</sup> Pleura is primary site code C38.4.

<sup>d</sup> Heart & mediastinum includes primary site codes C38.0-C38.3, C38.8.

<sup>e</sup> Spleen is primary site code C42.2.

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

Table 35.1 - continued  
Soft Tissue SarcomasHistologic Type at Parenchymatous and Nonparenchymatous Sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and Peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases  
2004-2008 All Races, Both Sexes

Histologic Type	Nonparenchymatous Sites											
	Soft Tissues <sup>a</sup>		Retroperitoneum & Peritoneum <sup>b</sup>		Pleura <sup>c</sup>		Heart & Mediastinum <sup>d</sup>		Spleen <sup>e</sup>		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)	430	3.9%	-	-	-	-	-	-	-	-	2,426	14.9%
Chordomas (9370-9372)	20	0.2%	-	-	-	-	-	-	-	-	310	1.9%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710,8711)	22	0.2%	-	-	-	-	-	-	-	-	176	1.1%
Myxosarcomas (8840-8841)	89	0.8%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800,8801,8802,8803)	1,867	17.0%	184	10.2%	-	-	42	15.2%	-	-	982	6.0%
Stromal cell sarcomas (8930,8931)	-	-	-	-	-	-	-	-	-	-	620	3.8%
Alveolar soft part sarcoma (9581)	42	0.4%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	167	1.5%	-	-	-	-	-	-	-	-	62	0.4%
Clear cell sarcoma, NOS (9044)	60	0.5%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935,8936,8964)	104	0.9%	74	4.1%	-	-	-	-	-	-	2,410	14.8%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	394	3.6%	207	11.5%	-	-	-	-	-	-	497	3.1%
Total Sarcomas	10,988	100.0%	1,800	100.0%	3,143	100.0%	276	100.0%	30	100.0%	16,286	100.0%

Histologic Type	Nonparenchymatous Sites											
	Soft Tissues <sup>a</sup>		Retroperitoneum & Peritoneum <sup>b</sup>		Pleura <sup>c</sup>		Heart & Mediastinum <sup>d</sup>		Spleen <sup>e</sup>		All Other Sites	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Sarcomas	10,988	85.7%	1,800	38.7%	3,143	94.5%	276	27.1%	30	2.3%	16,286	1.0%
All other histologies	1,826	14.3%	2,848	61.3%	182	5.5%	742	72.9%	1,288	97.7%	1,612,768	99.0%
Total	12,814	100.0%	4,648	100.0%	3,325	100.0%	1,018	100.0%	1,318	100.0%	1,629,054	100.0%

Source: 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). Percents may not sum to 100 due to rounding.

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

<sup>b</sup> Retroperitoneum & peritoneum includes primary site codes C48.0-C48.2, C48.8.

<sup>c</sup> Pleura is primary site code C38.4.

<sup>d</sup> Heart & mediastinum includes primary site codes C38.0-C38.3, C38.8.

<sup>e</sup> Spleen is primary site code C42.2.

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

Table 35.2

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  
2004-2008, All Races, Both Sexes

Primary Site (ICD-O-3 Site Code)	All Sarcomas <sup>a</sup>		Epidermoid Carcinoma <sup>b</sup>		Adenocarcinoma <sup>c</sup>		Other Specified Types <sup>d</sup>	
	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)	16,237	49.9%	110	0.1%	2,193	0.2%	4,583	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	10,988	33.8%	105	0.1%	58	0.0%	1,663	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	1,800	5.5%	-	-	2,134	0.2%	709	0.2%
Pleura (C38.4)	3,143	9.7%	-	-	-	-	182	0.0%
Heart & Mediastinum (C38.0-C38.3, C38.8)	276	0.8%	-	-	-	-	741	0.2%
Spleen (C42.2)	30	0.1%	-	-	-	-	1,288	0.3%
Parenchymatous Sites (All Other Primary Sites)	16,286	50.1%	201,116	99.9%	996,397	99.8%	415,255	98.9%
All Sites	32,523	100.0%	201,226	100.0%	998,590	100.0%	419,838	100.0%

Source: 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). Percents may not sum to 100 due to rounding.

<sup>a</sup> 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.

<sup>b</sup> Epidermoid Carcinoma includes histologies 8051-8131.

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

<sup>d</sup> Other Specified Types includes all histologies not included in Sarcomas, Epidermoid Carcinoma and Adenocarcinoma.

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