

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  
2003-2007 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)	609	5.7%	16	0.9%	-	-	-	-	-	-	123	0.8%
Infantile fibrosarcoma (8814)	24	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	1,642	15.4%	68	3.9%	-	-	-	-	-	-	718	4.5%
Dermatofibrosarcomas (8832-8833)	379	3.6%	-	-	-	-	-	-	-	-	1,424	8.9%
Liposarcomas (8850-8855,8857)	1,690	15.9%	353	20.0%	-	-	16	5.8%	-	-	154	1.0%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,516	14.2%	300	17.0%	-	-	21	7.6%	-	-	1,835	11.5%
Rhabdomyosarcomas (8900-8902,8920-8921)	351	3.3%	-	-	-	-	-	-	-	-	221	1.4%
Embryonal rhabdomyosarcoma (8910)	109	1.0%	-	-	-	-	-	-	-	-	184	1.2%
Hemangiosarcomas (9120,9124,9170)	357	3.4%	-	-	-	-	38	13.8%	27	81.8%	554	3.5%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	21	0.1%
Hemangiopericytoma, malignant (9150)	64	0.6%	-	-	-	-	-	-	-	-	51	0.3%
Kaposi sarcoma (9140)	86	0.8%	-	-	-	-	-	-	-	-	1,998	12.5%
Malignant peripheral nerve sheath tumor (9540)	194	1.8%	22	1.2%	-	-	-	-	-	-	366	2.3%
Malignant Neurilemmoma (9560,9561)	28	0.3%	-	-	-	-	-	-	-	-	91	0.6%
Neuroblastomas (9490,9500-9503,9505-9506)	80	0.8%	95	5.4%	-	-	82	29.8%	-	-	669	4.2%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	19	0.1%
Synovial sarcomas (9040-9043)	584	5.5%	-	-	-	-	-	-	-	-	84	0.5%
Malignant mesotheliomas (9050-9054)	-	-	382	21.6%	3,057	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  
2003-2007 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)	400	3.8%	-	-	-	-	-	-	-	-	2,400	15.0%
Chordomas (9370-9373)	-	-	-	-	-	-	-	-	-	-	313	2.0%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710,8711)	19	0.2%	-	-	-	-	-	-	-	-	161	1.0%
Myxosarcomas (8840-8841)	89	0.8%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800,8801,8802,8803)	1,683	15.8%	176	10.0%	-	-	36	13.1%	-	-	911	5.7%
Stromal cell sarcomas (8930,8931)	-	-	-	-	-	-	-	-	-	-	613	3.8%
Alveolar soft part sarcoma (9581)	44	0.4%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	161	1.5%	-	-	-	-	-	-	-	-	54	0.3%
Clear cell sarcoma, NOS (9044)	61	0.6%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935,8936,8964)	108	1.0%	74	4.2%	-	-	-	-	-	-	2,358	14.8%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9330,9221)	326	3.1%	205	11.6%	-	-	-	-	-	-	482	3.0%
Total Sarcomas	10,648	100.0%	1,765	100.0%	3,099	100.0%	275	100.0%	33	100.0%	15,983	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	10,648	85.7%	1,765	38.4%	3,099	94.5%	275	28.1%	33	2.6%	15,983	1.0%
All other histologies	1,782	14.3%	2,835	61.6%	180	5.5%	704	71.9%	1,249	97.4%	1,580,196	99.0%
Total	12,430	100.0%	4,600	100.0%	3,279	100.0%	979	100.0%	1,282	100.0%	1,596,179	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 2003-2007, 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)	15,820	49.7%	97	0.0%	2,160	0.2%	4,493	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	10,648	33.5%	94	0.0%	47	0.0%	1,641	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	1,765	5.5%	-	-	2,112	0.2%	720	0.2%
Pleura (C38.4)	3,099	9.7%	-	-	-	-	180	0.0%
Heart & Mediastinum (C38.0-C38.3, C38.8)	275	0.9%	-	-	-	-	704	0.2%
Spleen (C42.2)	33	0.1%	-	-	-	-	1,248	0.3%
Parenchymatous Sites (All Other Primary Sites)	15,983	50.3%	197,719	100.0%	975,297	99.8%	407,180	98.9%
All Sites	31,803	100.0%	197,816	100.0%	977,457	100.0%	411,673	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, 8830-8833, 8840-8841, 8850-8855, 8857-8860, 8890-8910, 8920-8931, 8935-8936, 8964, 8990-8991, 9040-9054, 9120-9124, 9130-9150, 9161-9221, 9231-9260, 9330, 9370-9372, 9490-9506, 9540-9561, 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 include histologies 8000-8046, 8150-8156, 8170-8175, 8230-8249, 8508-8513, 8561-8562, 8575, 8580-8670, 8690-8693, 8712-8780, 8806, 8815-8825, 8835-8836, 8842, 8912, 8933-8934, 8950-8963, 8970-8983, 9000-9020, 9055-9110, 9160, 9230, 9261-9321, 9342-9365, 9380-9480, 9508-9539, 9562-9571, 9590-9989.

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