

Table 5.1  
Soft Tissue Sarcomas

Histologic Type at Parenchymatous and Nonparenchymatous Sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and Peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases  
2014-2018 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)	1,606	8.0%	-	-	-	-	-	-	-	-	111	0.4%
Infantile fibrosarcoma (8814)	34	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	537	2.7%	-	-	-	-	-	-	-	-	901	3.2%
Dermatofibrosarcomas (8832-8833)	889	4.4%	-	-	-	-	-	-	-	-	1,972	6.9%
Liposarcomas (8850-8855,8857)	3,280	16.4%	602	19.1%	-	-	33	7.2%	-	-	273	1.0%
Leiomyosarcomas (8890-8891,8894-8895,8897)	2,442	12.2%	554	17.5%	-	-	22	4.8%	-	-	3,259	11.5%
Rhabdomyosarcomas (8900-8902,8912-8921)	616	3.1%	30	0.9%	-	-	-	-	-	-	347	1.2%
Embryonal rhabdomyosarcoma (8910)	220	1.1%	-	-	-	-	-	-	-	-	248	0.9%
Hemangiosarcomas (9120,9124,9170)	891	4.4%	16	0.5%	-	-	90	19.5%	31	86.1%	1,051	3.7%
Hemangioendothelioma, malignant (9130)	23	0.1%	-	-	-	-	-	-	-	-	31	0.1%
Hemangiopericytoma, malignant (9150)	33	0.2%	-	-	-	-	-	-	-	-	123	0.4%
Kaposi sarcoma (9140)	251	1.3%	-	-	-	-	-	-	-	-	2,414	8.5%
Malignant peripheral nerve sheath tumor (9540)	292	1.5%	18	0.6%	-	-	-	-	-	-	451	1.6%
Malignant Neurilemmoma (9560-9561)	24	0.1%	-	-	-	-	-	-	-	-	66	0.2%
Neuroblastomas (9490,9500-9503,9505-9506)	118	0.6%	153	4.8%	-	-	88	19.1%	-	-	941	3.3%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	23	0.1%
Synovial sarcomas (9040-9043)	860	4.3%	-	-	-	-	30	6.5%	-	-	144	0.5%
Malignant mesotheliomas (9050-9054)	-	-	666	21.1%	4,366	98.9%	16	3.5%	-	-	207	0.7%

Source: SEER 21 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, Georgia excluding ATL/RG, Idaho, New York and Massachusetts). 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 5.1 - continued

## Soft Tissue Sarcomas

Histologic Type at Parenchymatous and Nonparenchymatous Sites (Soft Tissues, Heart and Mediastinum, Retroperitoneum and Peritoneum, Pleura, Spleen) Among Histologically Confirmed Cases  
2014-2018 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)	634	3.2%	16	0.5%	-	-	-	-	-	-	4,117	14.5%
Chordomas (9370-9372)	27	0.1%	-	-	-	-	-	-	-	-	716	2.5%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	37	0.2%	30	0.9%	-	-	-	-	-	-	290	1.0%
Myxosarcomas (8840-8841)	190	0.9%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	4,836	24.1%	217	6.9%	18	0.4%	90	19.5%	-	-	1,980	7.0%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	1,005	3.5%
Alveolar soft part sarcoma (9581)	84	0.4%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	278	1.4%	-	-	-	-	-	-	-	-	112	0.4%
Clear cell sarcoma, NOS (9044)	93	0.5%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	54	0.3%	90	2.8%	-	-	-	-	-	-	6,494	22.9%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	1,674	8.3%	711	22.5%	-	-	34	7.4%	-	-	1,063	3.7%
<b>Total Sarcomas</b>	<b>20,055</b>	<b>100.0%</b>	<b>3,158</b>	<b>100.0%</b>	<b>4,415</b>	<b>100.0%</b>	<b>461</b>	<b>100.0%</b>	<b>36</b>	<b>100.0%</b>	<b>28,382</b>	<b>100.0%</b>

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	20,055	86.7%	3,158	47.4%	4,415	91.6%	461	21.7%	36	1.6%	28,382	1.0%
All other histologies	3,082	13.3%	3,509	52.6%	403	8.4%	1,667	78.3%	2,268	98.4%	2,777,978	99.0%
<b>Total</b>	<b>23,137</b>	<b>100.0%</b>	<b>6,667</b>	<b>100.0%</b>	<b>4,818</b>	<b>100.0%</b>	<b>2,128</b>	<b>100.0%</b>	<b>2,304</b>	<b>100.0%</b>	<b>2,806,360</b>	<b>100.0%</b>

Source: SEER 21 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, Georgia excluding ATL/RG, Idaho, New York and Massachusetts). 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 5.2

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  
2014-2018, 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)	28,135	49.8%	165	0.0%	2,670	0.2%	8,084	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	20,060	35.5%	157	0.0%	102	0.0%	2,818	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	3,158	5.6%	-	-	2,564	0.2%	939	0.1%
Pleura (C38.4)	4,415	7.8%	-	-	-	-	403	0.1%
Heart & Mediastinum (C38.0-C38.3, C38.8)	466	0.8%	-	-	-	-	1,658	0.2%
Spleen (C42.2)	36	0.1%	-	-	-	-	2,266	0.3%
Parenchymatous Sites (All Other Primary Sites)	28,394	50.2%	353,364	100.0%	1,691,507	99.8%	733,029	98.9%
All Sites	56,529	100.0%	353,529	100.0%	1,694,177	100.0%	741,113	100.0%

Source: SEER 21 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, Georgia excluding ATL/RG, Idaho, New York and Massachusetts). 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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