

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
2005-2009 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)	750	6.3%	-	-	-	-	-	-	-	-	117	0.7%
Infantile fibrosarcoma (8814)	27	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	1,425	11.9%	54	2.8%	-	-	-	-	-	-	760	4.3%
Dermatofibrosarcomas (8832-8833)	386	3.2%	-	-	-	-	-	-	-	-	1,581	8.9%
Liposarcomas (8850-8855,8857)	1,980	16.5%	389	19.9%	-	-	-	-	-	-	154	0.9%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,646	13.7%	343	17.6%	-	-	20	7.0%	-	-	2,071	11.7%
Rhabdomyosarcomas (8900-8902,8912-8921)	388	3.2%	16	0.8%	-	-	-	-	-	-	239	1.3%
Embryonal rhabdomyosarcoma (8910)	134	1.1%	-	-	-	-	-	-	-	-	194	1.1%
Hemangiosarcomas (9120,9124,9170)	435	3.6%	-	-	-	-	45	15.8%	23	76.7%	605	3.4%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	16	0.1%
Hemangiopericytoma, malignant (9150)	61	0.5%	-	-	-	-	-	-	-	-	76	0.4%
Kaposi sarcoma (9140)	102	0.9%	-	-	-	-	-	-	-	-	2,012	11.3%
Malignant peripheral nerve sheath tumor (9540)	220	1.8%	-	-	-	-	-	-	-	-	382	2.2%
Malignant Neurilemmoma (9560-9561)	25	0.2%	-	-	-	-	-	-	-	-	79	0.4%
Neuroblastomas (9490,9500-9503,9505-9506)	76	0.6%	113	5.8%	-	-	70	24.6%	-	-	754	4.2%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	23	0.1%
Synovial sarcomas (9040-9043)	602	5.0%	-	-	-	-	-	-	-	-	88	0.5%
Malignant mesotheliomas (9050-9054)	-	-	422	21.6%	3,306	98.8%	17	6.0%	-	-	179	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 35.1 - 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
2005-2009 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)	451	3.8%	-	-	-	-	-	-	-	-	-	2,672	15.1%
Chordomas (9370-9372)	23	0.2%	-	-	-	-	-	-	-	-	-	355	2.0%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	19	0.2%	-	-	-	-	-	-	-	-	-	214	1.2%
Myxosarcomas (8840-8841)	96	0.8%	-	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	2,192	18.3%	199	10.2%	16	0.5%	39	13.7%	-	-	-	1,114	6.3%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	-	696	3.9%
Alveolar soft part sarcoma (9581)	56	0.5%	-	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	186	1.6%	-	-	-	-	-	-	-	-	-	59	0.3%
Clear cell sarcoma, NOS (9044)	74	0.6%	-	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	107	0.9%	77	3.9%	-	-	-	-	-	-	-	2,725	15.3%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990- 8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	497	4.1%	243	12.4%	-	-	-	-	-	-	-	559	3.1%
Total Sarcomas	11,992	100.0%	1,953	100.0%	3,346	100.0%	284	100.0%	30	100.0%	-	17,753	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	11,992	85.6%	1,953	39.6%	3,346	94.6%	284	25.8%	30	2.2%	-	17,753	1.0%
All other histologies	2,014	14.4%	2,976	60.4%	191	5.4%	815	74.2%	1,340	97.8%	-	1,769,242	99.0%
Total	14,006	100.0%	4,929	100.0%	3,537	100.0%	1,099	100.0%	1,370	100.0%	-	1,786,995	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 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
2005-2009, 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)	17,606	49.8%	126	0.1%	2,285	0.2%	4,924	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	11,993	33.9%	121	0.1%	65	0.0%	1,827	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	1,953	5.5%	-	-	2,219	0.2%	752	0.2%
Pleura (C38.4)	3,346	9.5%	-	-	-	-	191	0.0%
Heart & Mediastinum (C38.0-C38.3, C38.8)	284	0.8%	-	-	-	-	814	0.2%
Spleen (C42.2)	30	0.1%	-	-	-	-	1,340	0.3%
Parenchymatous Sites (All Other Primary Sites)	17,753	50.2%	222,605	99.9%	1,094,000	99.8%	452,637	98.9%
All Sites	35,359	100.0%	222,731	100.0%	1,096,285	100.0%	457,561	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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