

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
2009-2013 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)	1,018	7.6%	-	-	-	-	-	-	-	-	108	0.6%
Infantile fibrosarcoma (8814)	20	0.2%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	982	7.4%	21	1.0%	-	-	-	-	-	-	753	3.9%
Dermatofibrosarcomas (8832-8833)	552	4.1%	-	-	-	-	-	-	-	-	1,495	7.8%
Liposarcomas (8850-8855,8857)	2,230	16.8%	461	22.1%	-	-	17	5.5%	-	-	216	1.1%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,775	13.3%	409	19.6%	-	-	22	7.1%	-	-	2,272	11.8%
Rhabdomyosarcomas (8900-8902,8912-8921)	381	2.9%	16	0.8%	-	-	-	-	-	-	220	1.1%
Embryonal rhabdomyosarcoma (8910)	165	1.2%	-	-	-	-	-	-	-	-	180	0.9%
Hemangiosarcomas (9120,9124,9170)	525	3.9%	-	-	-	-	58	18.7%	17	70.8%	702	3.7%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	21	0.1%
Hemangiopericytoma, malignant (9150)	73	0.5%	-	-	-	-	-	-	-	-	100	0.5%
Kaposi sarcoma (9140)	116	0.9%	-	-	-	-	-	-	-	-	1,899	9.9%
Malignant peripheral nerve sheath tumor (9540)	184	1.4%	-	-	-	-	-	-	-	-	366	1.9%
Malignant Neurilemmoma (9560-9561)	18	0.1%	-	-	-	-	-	-	-	-	44	0.2%
Neuroblastomas (9490,9500-9503,9505-9506)	84	0.6%	109	5.2%	-	-	72	23.2%	-	-	737	3.8%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	20	0.1%
Synovial sarcomas (9040-9043)	608	4.6%	-	-	-	-	-	-	-	-	107	0.6%
Malignant mesotheliomas (9050-9054)	-	-	412	19.7%	3,369	98.3%	17	5.5%	-	-	191	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 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
2009-2013 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)	434	3.3%	-	-	-	-	-	-	-	-	2,806	14.6%
Chordomas (9370-9372)	21	0.2%	-	-	-	-	-	-	-	-	421	2.2%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	-	-	-	-	-	-	-	-	-	-	205	1.1%
Myxosarcomas (8840-8841)	88	0.7%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	2,736	20.6%	163	7.8%	21	0.6%	44	14.2%	-	-	1,279	6.7%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	674	3.5%
Alveolar soft part sarcoma (9581)	64	0.5%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	194	1.5%	-	-	-	-	-	-	-	-	57	0.3%
Clear cell sarcoma, NOS (9044)	80	0.6%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	63	0.5%	91	4.4%	-	-	-	-	-	-	3,662	19.1%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	846	6.4%	307	14.7%	-	-	22	7.1%	-	-	653	3.4%
Total Sarcomas	13,309	100.0%	2,087	100.0%	3,428	100.0%	310	100.0%	24	100.0%	19,216	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	13,309	85.9%	2,087	42.5%	3,428	93.9%	310	26.1%	24	1.7%	19,216	1.0%
All other histologies	2,182	14.1%	2,827	57.5%	224	6.1%	879	73.9%	1,382	98.3%	1,875,505	99.0%
Total	15,491	100.0%	4,914	100.0%	3,652	100.0%	1,189	100.0%	1,406	100.0%	1,894,721	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
2009-2013, 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)	19,159	49.9%	136	0.1%	2,121	0.2%	5,236	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	13,310	34.7%	131	0.1%	70	0.0%	1,980	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	2,087	5.4%	-	-	2,050	0.2%	772	0.2%
Pleura (C38.4)	3,428	8.9%	-	-	-	-	224	0.0%
Heart & Mediastinum (C38.0-C38.3, C38.8)	310	0.8%	-	-	-	-	878	0.2%
Spleen (C42.2)	24	0.1%	-	-	-	-	1,382	0.3%
Parenchymatous Sites (All Other Primary Sites)	19,217	50.1%	242,388	99.9%	1,160,546	99.8%	472,570	98.9%
All Sites	38,376	100.0%	242,524	100.0%	1,162,667	100.0%	477,806	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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