

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
2010-2014 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)	1,035	7.6%	-	-	-	-	-	-	-	-	105	0.5%
Infantile fibrosarcoma (8814)	19	0.1%	-	-	-	-	-	-	-	-	-	-
Fibrous histiocytoma, malignant (8830)	874	6.4%	16	0.8%	-	-	-	-	-	-	805	4.1%
Dermatofibrosarcomas (8832-8833)	589	4.3%	-	-	-	-	-	-	-	-	1,478	7.5%
Liposarcomas (8850-8855,8857)	2,313	16.9%	472	22.3%	-	-	17	5.5%	-	-	214	1.1%
Leiomyosarcomas (8890-8891,8894-8895,8897)	1,817	13.3%	427	20.2%	-	-	16	5.2%	-	-	2,351	12.0%
Rhabdomyosarcomas (8900-8902,8912-8921)	384	2.8%	17	0.8%	-	-	-	-	-	-	233	1.2%
Embryonal rhabdomyosarcoma (8910)	163	1.2%	-	-	-	-	-	-	-	-	189	1.0%
Hemangiosarcomas (9120,9124,9170)	537	3.9%	-	-	-	-	53	17.2%	21	77.8%	736	3.7%
Hemangioendothelioma, malignant (9130)	-	-	-	-	-	-	-	-	-	-	23	0.1%
Hemangiopericytoma, malignant (9150)	71	0.5%	-	-	-	-	-	-	-	-	97	0.5%
Kaposi sarcoma (9140)	130	0.9%	-	-	-	-	-	-	-	-	1,875	9.5%
Malignant peripheral nerve sheath tumor (9540)	191	1.4%	-	-	-	-	-	-	-	-	366	1.9%
Malignant Neurilemmoma (9560-9561)	-	-	-	-	-	-	-	-	-	-	40	0.2%
Neuroblastomas (9490,9500-9503,9505-9506)	91	0.7%	95	4.5%	-	-	68	22.1%	-	-	728	3.7%
Malignant granular cell tumors (9580)	-	-	-	-	-	-	-	-	-	-	25	0.1%
Synovial sarcomas (9040-9043)	646	4.7%	-	-	-	-	-	-	-	-	107	0.5%
Malignant mesotheliomas (9050-9054)	-	-	422	19.9%	3,292	98.3%	16	5.2%	-	-	188	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
2010-2014 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)	437	3.2%	-	-	-	-	-	-	-	-	2,859	14.6%
Chordomas (9370-9372)	20	0.1%	-	-	-	-	-	-	-	-	440	2.2%
Malignant Pheochromocytoma, paraganglioma, glomus tumors (8680,8700,8710-8711)	-	-	17	0.8%	-	-	-	-	-	-	209	1.1%
Myxosarcomas (8840-8841)	100	0.7%	-	-	-	-	-	-	-	-	-	-
Sarcomas, NOS (8800-8803)	2,886	21.1%	153	7.2%	19	0.6%	52	16.9%	-	-	1,322	6.7%
Stromal cell sarcomas (8930-8931)	-	-	-	-	-	-	-	-	-	-	694	3.5%
Alveolar soft part sarcoma (9581)	57	0.4%	-	-	-	-	-	-	-	-	-	-
Epithelioid sarcoma (8804)	185	1.4%	-	-	-	-	-	-	-	-	61	0.3%
Clear cell sarcoma, NOS (9044)	76	0.6%	-	-	-	-	-	-	-	-	-	-
Complex mixed and stromal neoplasms (8935-8936,8964)	56	0.4%	85	4.0%	-	-	-	-	-	-	3,813	19.4%
Miscellaneous other sarcomas (8805,8858,8860,8896,8990-8991,9133,9161,9182-9187, 9192-9194,9200,9221,9330)	958	7.0%	323	15.3%	-	-	26	8.4%	-	-	660	3.4%
Total Sarcomas	13,701	100.0%	2,117	100.0%	3,350	100.0%	308	100.0%	27	100.0%	19,649	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	13,701	85.9%	2,117	42.9%	3,350	92.9%	308	25.4%	27	1.8%	19,649	1.0%
All other histologies	2,250	14.1%	2,818	57.1%	256	7.1%	906	74.6%	1,435	98.2%	1,889,878	99.0%
Total	15,951	100.0%	4,935	100.0%	3,606	100.0%	1,214	100.0%	1,462	100.0%	1,909,527	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.

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

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 2010-2014, 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)	19,505	49.8%	138	0.1%	2,133	0.2%	5,392	1.1%
Soft tissues (Connective, Subcutaneous & Other Soft Tissue) (C49.0-C49.9)	13,703	35.0%	130	0.1%	77	0.0%	2,041	0.4%
Retroperitoneum & Peritoneum (C48.0-C48.2, C48.8)	2,117	5.4%	-	-	2,051	0.2%	761	0.2%
Pleura (C38.4)	3,350	8.6%	-	-	-	-	256	0.1%
Heart & Mediastinum (C38.0-C38.3, C38.8)	308	0.8%	-	-	-	-	902	0.2%
Spleen (C42.2)	27	0.1%	-	-	-	-	1,432	0.3%
Parenchymatous Sites (All Other Primary Sites)	19,650	50.2%	246,007	99.9%	1,164,518	99.8%	479,352	98.9%
All Sites	39,155	100.0%	246,145	100.0%	1,166,651	100.0%	484,744	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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