

Table 6A.B.1.1: Frequency and Survivorship of Cancers of Bones and Joints, by Group, United States 2004-2015

Cancer Group	Frequency Count	Percent of Total Frequency	Probability of Survival at Stated Interval [1]			
			24 Month		60 Month	
			Survival Distribution Function (SDF) Estimate	SDF 95% Confidence Interval	Survival Distribution Function (SDF) Estimate	SDF 95% Confidence Interval
Adamantinoma	122	0.65%	0.98	0.93 - 1.00	0.96	0.90 - 0.99
Angiosarcoma	197	1.04%	0.34	0.28 - 0.41	0.24	0.18 - 0.31
Chondroblastoma—malignant	44	0.23%	0.95	0.81 - 0.99	0.95	0.81 - 0.99
Chondrosarcoma	5,983	31.69%	0.84	0.83 - 0.85	0.74	0.73 - 0.76
Chordoma	1,678	8.89%	0.91	0.89 - 0.92	0.75	0.73 - 0.78
Ewing sarcoma	3,023	16.01%	0.78	0.77 - 0.80	0.61	0.59 - 0.63
Fibrosarcoma	99	0.52%	0.77	0.67 - 0.84	0.58	0.47 - 0.68
Giant cell tumor of bone—malignant	309	1.64%	0.90	0.86 - 0.93	0.82	0.76 - 0.86
Hemangioendothelioma	111	0.59%	0.63	0.53 - 0.72	0.56	0.46 - 0.66
Leiomyosarcoma	144	0.76%	0.74	0.66 - 0.81	0.47	0.37 - 0.56
Malignant fibrous histiocytoma	235	1.24%	0.62	0.55 - 0.68	0.46	0.39 - 0.53
Neoplasm—malignant	148	0.78%	0.48	0.39 - 0.56	0.35	0.26 - 0.44
Osteosarcoma	6,378	33.78%	0.76	0.75 - 0.77	0.60	0.58 - 0.61
Primitive peripheral neuroectodermal tumor	148	0.78%	0.68	0.60 - 0.75	0.51	0.42 - 0.60
Sarcoma (NOS)	262	1.39%	0.57	0.50 - 0.63	0.44	0.37 - 0.51
Total All Cases	18,881	100.00%	0.79	0.79-0.80	0.65	0.65-.066

[1] Example: The probability of survival at 24 months from diagnosis for osteosarcoma is 76% (95% confidence interval 75% to 77%) and at 60 months it is 60% (95% confidence interval 58% to 61%).

Source: The National Cancer Data Base (NCDB) of the American College of Surgeons (ACS), 2004-2015.