

**Table 6A.B.1.2:** Frequency and Survivorship of Cancers of Bones and Joints, by Histology, United States 2004-2015

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
<b>Histology</b>						
Adamantinoma						
Adamantinoma of long bones	122	0.65	0.98	0.93 - 1.00	0.96	0.90 - 0.99
Angiosarcoma						
Hemangiosarcoma	197	1.04	0.34	0.28 - 0.41	0.24	0.18 - 0.31
Chondroblastoma						
Chondroblastoma, malignant	44	0.23	0.95	0.81 - 0.99	0.95	0.81 - 0.99
Chondrosarcoma						
Chondrosarcoma, NOS	4840	25.63	0.88	0.87 - 0.89	0.80	0.78 - 0.81
Clear cell chondrosarcoma	98	0.52	0.98	0.92 - 0.99	0.92	0.84 - 0.97
Dedifferentiated chondrosarcoma	504	2.67	0.36	0.32 - 0.41	0.25	0.21 - 0.30
Juxtacortical chondrosarcoma	72	0.38	0.97	0.89 - 0.99	0.93	0.83 - 0.97
Mesenchymal chondrosarcoma	100	0.53	0.84	0.75 - 0.90	0.57	0.45 - 0.68
Myxoid chondrosarcoma	369	1.95	0.82	0.78 - 0.86	0.70	0.65 - 0.75
Chordoma						
Chondroid chordoma	86	0.46	0.94	0.86 - 0.97	0.81	0.69 - 0.88
Chordoma, NOS	1574	8.34	0.91	0.90 - 0.92	0.75	0.73 - 0.78
Dedifferentiated chordoma	18	0.10	0.59	0.33 - 0.78	0.35	0.12 - 0.59
Ewing Sarcoma						
Ewing sarcoma	3023	16.01	0.78	0.77 - 0.80	0.61	0.59 - 0.63
Fibrosarcoma						
Fibrosarcoma, NOS	99	0.52	0.77	0.67 - 0.84	0.58	0.47 - 0.68
Giant Cell Tumor of bone						
Giant cell tumor of bone, malignant	309	1.64	0.90	0.86 - 0.93	0.82	0.76 - 0.86
Hemangioendothelioma						
Epithelioid hemangioendothelioma, malignant	80	0.42	0.66	0.55 - 0.76	0.57	0.45 - 0.68
Hemangioendothelioma, malignant	31	0.16	0.54	0.34 - 0.70	0.54	0.34 - 0.70
Leiomyosarcoma						
Leiomyosarcoma, NOS	144	0.76	0.74	0.66 - 0.81	0.47	0.37 - 0.56
Malignant Fibrous Histiocytoma						
Malignant fibrous histiocytoma	235	1.24	0.62	0.55 - 0.68	0.46	0.39 - 0.53
Neoplasm						
Neoplasm, malignant	148	0.78	0.48	0.39 - 0.56	0.35	0.26 - 0.44
Osteosarcoma						
Central osteosarcoma	273	1.45	0.82	0.77 - 0.87	0.67	0.60 - 0.73
Chondroblastic osteosarcoma	982	5.20	0.77	0.74 - 0.80	0.59	0.56 - 0.62
Fibroblastic osteosarcoma	353	1.87	0.80	0.75 - 0.83	0.62	0.56 - 0.67
High grade surface osteosarcoma	44	0.23	0.78	0.62 - 0.88	0.74	0.56 - 0.85
Intracortical osteosarcoma	1	0.01	1.00	NA	1.00	
Intraosseous well differentiated osteosarcoma	13	0.07	1.00	NA	1.00	
Osteosarcoma in Paget disease of bone	68	0.36	0.42	0.29 - 0.53	0.37	0.25 - 0.49
Osteosarcoma, NOS	3997	21.17	0.73	0.72 - 0.74	0.56	0.55 - 0.58
Parosteal osteosarcoma	296	1.57	0.95	0.92 - 0.97	0.89	0.84 - 0.93
Periosteal osteosarcoma	89	0.47	0.96	0.89 - 0.99	0.87	0.77 - 0.93
Small cell osteosarcoma	62	0.33	0.68	0.54 - 0.78	0.45	0.31 - 0.58
Telangiectatic osteosarcoma	200	1.06	0.83	0.77 - 0.88	0.68	0.61 - 0.74
PNET						
Peripheral neuroectodermal tumor	61	0.32	0.64	0.5 - 0.75	0.54	0.39 - 0.66
Primitive neuroectodermal tumor, NOS	87	0.46	0.71	0.60 - 0.8	0.50	0.38 - 0.61
Sarcoma						
Spindle cell sarcoma	191	1.01	0.58	0.50 - 0.65	0.43	0.34 - 0.51
Undifferentiated sarcoma	71	0.38	0.54	0.41 - 0.65	0.45	0.32 - 0.57
<b>Total All Cases</b>	<b>18,881</b>	<b>100</b>	<b>0.79</b>	<b>0.79-0.80</b>	<b>0.65</b>	<b>0.65-0.66</b>

[1] Example: The probability of survival at 24 months from diagnosis for Adamantinoma of long bones is 98% (95% confidence interval 93% to 100%) and at 60 months it is 96% (95% confidence interval 90% to 99%).

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