

Table 8A.8.3: Demographic Descriptive Statistics by Bone Cancer Type, by Sex, United States, 1998-2011

<u>Type</u>	<u>Total N</u>	<u>Sex (N (% in Sex Group))</u>	
		<u>Male</u>	<u>Female</u>
Chondrosarcoma, NOS	6993	3537 (50.6%)	3456 (49.4%)
Osteosarcoma, NOS	3876	2163 (55.8%)	1713 (44.2%)
Ewing sarcoma	1956	1274 (65.1%)	682 (34.9%)
Chondroblastic osteosarcoma	920	527 (57.3%)	393 (42.7%)
Sarcoma, Spindle Cell, Undifferentiated and NOS	882	468 (53.1%)	414 (46.9%)
Myxoid chondrosarcoma	616	371 (60.2%)	245 (39.8%)
Dedifferentiated chondrosarcoma	563	284 (50.4%)	279 (49.6%)
Fibrous histiocytoma, malignant	543	290 (53.4%)	253 (46.6%)
Fibroblastic osteosarcoma	422	242 (57.3%)	180 (42.7%)
Parosteal osteosarcoma	334	128 (38.3%)	206 (61.7%)
Hemangiosarcoma	310	193 (62.3%)	117 (37.7%)
Leiomyosarcoma, NOS	187	89 (47.6%)	98 (52.4%)
Fibrosarcoma, NOS	174	102 (58.6%)	72 (41.4%)
Telangiectatic osteosarcoma	150	100 (66.7%)	50 (33.3%)
Peripheral/Primitive neuroectodermal and Askin tumor	150	103 (68.7%)	47 (31.3%)
Mesenchymal chondrosarcoma	128	60 (46.9%)	68 (53.1%)
Clear cell chondrosarcoma	104	70 (67.3%)	34 (32.7%)
Adamantinoma of long bones	101	53 (52.5%)	48 (47.5%)
Juxtacortical chondrosarcoma	97	62 (63.9%)	35 (36.1%)
Periosteal osteosarcoma	74	41 (55.4%)	33 (44.6%)
Total	18,580		

Source: American College of Surgeons National Cancer Data Base (NCDB).

NOTE: NCDB Adult Bone Sarcoma Data Summary

Demographic data was available on adult (18 years old and older) cases diagnosed from 1998 – 2011. A total of 21,922 cases were available, of which we selected the 18,580 cases with the greatest frequency of diagnosis. Two- and 5-year mortality was only available for 11,684 cases from 1998 – 2006. We selected the following 9,997 cases to report in tabular form. The sample size by cancer type is provided in the tables. The difference in sample size is related to excluding cases without follow up data. Per NCDB, mortality data is not available for the last five years of collection (2007-2011). Also, per NCDB, cases were excluded if they had multiple cancer types.

The NCDB is a joint project of the Commission on Cancer of the American College of Surgeons and the American Cancer Society. The data used in this study and this report are derived from a de-identified NCDB file. The American College of Surgeons and the Commission on Cancer have not verified and are not responsible for the analytic or statistical methodology employed, or the conclusions drawn from these data by the investigator and authors of this work.