

Table 9A.6.2: Prevalence of Childhood¹ Bone Cancers by Sex, United States, 2010

	Prevalence by Ages			% of Total	
	Both Sexes	Females	Males	Females	Males
Osteosarcoma [2]					
0-19	1,895	833	1062	44%	56%
20-29	2,216	931	1285	42%	58%
30-39	1,804	787	1017	44%	56%
40-49	1,246	645	601	52%	48%
50-59	1,172	726	446	62%	38%
60 & Over	770	393	377	51%	49%
All Ages	9,103	4315	4788	47%	53%
Ewing's Sarcoma [3]					
0-19	1,394	534	860	38%	62%
20-29	1,377	581	796	42%	58%
30-39	946	484	462	51%	49%
40-49	670	347	323	52%	48%
50-59	405	194	211	48%	52%
60 & Over	94	60	34	64%	36%
All Ages	4,886	2200	2686	45%	55%
Total Malignant Bone Tumors [4]					
0-19	3,766	1514	2252	40%	60%
20-29	4,194	1761	2433	42%	58%
30-39	3,184	1429	1755	45%	55%
40-49	2,489	1252	1237	50%	50%
50-59	2,320	1311	1009	57%	43%
60 & Over	815	381	434	47%	53%
All Ages	16,768	7648	9120	46%	54%

[1] Number of people diagnosed with cancer as children (ages 0-19) in the United States and Alive on January 1, 2010.

[2] The most common type of primary bone cancer is found in the matrix that forms normal bones. Most osteosarcomas occur in children and young adults in areas where bone is growing rapidly. The most common sites for tumors are the arms, legs, and

[3] Most Ewing tumors occur in bones, with the most common sites being the pelvis, chest wall (ribs or shoulder blades), and the legs, mainly the middle of the long bones. Most Ewing tumors occur in children and teens.

[4] Most bone cancers are formed somewhere else in the body and spread to the bones. These cancers retain the characteristics of the site from which they migrated. A primary bone tumor starts in the bone itself, and is called a sarcoma. Sarcomas can start in bone

Source: Howlader N, Noone AM, Krapcho M, Garshell J, Neyman N, Altekruse SF, Kosary CL, Yu M, Ruhl J, Tatalovich Z, Cho H, Mariotto A, Lewis DR, Chen HS, Feuer EJ, Cronin KA (eds). SEER Cancer Statistics Review, 1975-2010, National Cancer Institute. Bethesda, MD, http://seer.cancer.gov/csr/1975_2010/, based on November 2012 SEER data submission, posted to the SEER web site, April 2013. *Table 29.7: U.S. Childhood Cancer Survivors at January 1, 2010*. Accessed January 6, 2014.