

Table 29.7
U.S. Childhood Cancer Survivors at January 1, 2012
Number of People Previously Diagnosed with Cancer as Children (Ages 0-19 Years) in the United States and Alive January 1, 2012
By International Classification of Childhood Cancer (ICCC)^a Selected Group and Subgroup, Age Group, and Sex

| Site | Sex | Complete Prevalence Counts by Age at Prevalence | | | | | | | All Ages | | |
|--|---------------------|--|--------|--------|--------|--------|--------|----------|-----------------------------------|--------------------------|----------------|
| | | 0-19 | 20-29 | 30-39 | 40-49 | 50-59 | 60+ | All Ages | Diagnosed between 1975-2011 | Diagnosed before 1975 | % ^b |
| | | | | | | | | | Count | Count | % ^b |
| All Sites | Both | 115,689 | 98,695 | 65,873 | 55,981 | 41,852 | 20,877 | 398,967 | 326,512 | 72,455 | 18 |
| | Male | 62,037 | 51,574 | 32,716 | 25,507 | 17,574 | 10,684 | 200,092 | 168,045 | 32,047 | 16 |
| | Female ^c | 53,652 | 47,121 | 33,157 | 30,474 | 24,278 | 10,193 | 198,875 | 158,467 | 40,408 | 20 |
| I Leukemia | Both | 36,451 | 21,624 | 12,675 | 5,684 | 1,981 | 266 | 78,681 | 74,399 | 4,282 | 5 |
| | Male | 20,275 | 11,238 | 6,458 | 2,955 | 936 | 116 | 41,978 | 40,061 | 1,917 | 5 |
| | Female | 16,176 | 10,386 | 6,217 | 2,729 | 1,045 | 150 | 36,703 | 34,338 | 2,365 | 6 |
| Acute lymphocytic leukemia ^d | Both | 30,816 | 17,704 | 10,733 | 5,036 | 840 | 8 | 65,137 | 61,916 | 3,221 | 5 |
| | Male | 17,122 | 9,418 | 5,618 | 2,799 | 465 | 4 | 35,426 | 33,759 | 1,667 | 5 |
| | Female | 13,694 | 8,286 | 5,115 | 2,237 | 375 | 4 | 29,711 | 28,157 | 1,554 | 5 |
| I(b) Acute myeloid leukemia | Both | 3,991 | 2,609 | 1,236 | 762 | 283 | 7 | 8,888 | 8,389 | 499 | 6 |
| | Male | 2,135 | 1,183 | 508 | 356 | 154 | 5 | 4,341 | 4,077 | 264 | 6 |
| | Female | 1,856 | 1,426 | 728 | 406 | 129 | 2 | 4,547 | 4,312 | 235 | 5 |
| II(a) Hodgkin lymphoma | Both | 4,686 | 9,188 | 8,009 | 7,778 | 5,470 | 1,603 | 36,734 | 31,454 | 5,280 | 14 |
| | Male | 2,667 | 4,625 | 4,018 | 3,845 | 2,678 | 820 | 18,653 | 15,828 | 2,825 | 15 |
| | Female | 2,019 | 4,563 | 3,991 | 3,933 | 2,792 | 783 | 18,081 | 15,626 | 2,455 | 14 |
| II(b,c,e) Non-Hodgkin lymphoma | Both | 6,848 | 7,511 | 4,846 | 3,366 | 1,946 | 1,295 | 25,812 | 22,302 | 3,510 | 14 |
| | Male | 4,523 | 4,905 | 3,321 | 2,150 | 1,022 | 748 | 16,669 | 14,771 | 1,898 | 11 |
| | Female | 2,325 | 2,606 | 1,525 | 1,216 | 924 | 547 | 9,143 | 7,531 | 1,612 | 18 |
| III CNS and misc intracranial & intraspinal neoplasms | Both | 21,183 | 15,559 | 9,245 | 8,586 | 5,494 | 1,997 | 62,064 | 51,221 | 10,843 | 17 |
| | Male | 11,260 | 8,627 | 5,046 | 4,342 | 2,464 | 911 | 32,650 | 27,727 | 4,923 | 15 |
| | Female | 9,923 | 6,932 | 4,199 | 4,244 | 3,030 | 1,086 | 29,414 | 23,494 | 5,920 | 20 |
| IV Neuroblastoma & other peripheral nervous cell tumor | Both | 9,642 | 4,053 | 2,315 | 1,874 | 1,602 | 907 | 20,393 | 16,178 | 4,215 | 21 |
| | Male | 4,976 | 2,076 | 1,064 | 588 | 557 | 216 | 9,477 | 8,172 | 1,305 | 14 |
| | Female | 4,666 | 1,977 | 1,251 | 1,286 | 1,045 | 691 | 10,916 | 8,006 | 2,910 | 27 |
| VI Renal tumors | Both | 7,849 | 4,793 | 3,712 | 4,483 | 2,757 | 991 | 24,585 | 16,656 | 7,929 | 32 |
| | Male | 3,819 | 2,264 | 1,640 | 2,534 | 1,496 | 577 | 12,330 | 7,810 | 4,520 | 37 |
| | Female | 4,030 | 2,529 | 2,072 | 1,949 | 1,261 | 414 | 12,255 | 8,846 | 3,409 | 28 |
| VIII Malignant bone tumors | Both | 3,642 | 4,433 | 3,275 | 2,535 | 2,524 | 1,048 | 17,457 | 13,938 | 3,519 | 20 |
| | Male | 2,124 | 2,628 | 1,725 | 1,318 | 1,106 | 548 | 9,449 | 7,830 | 1,619 | 17 |
| | Female | 1,518 | 1,805 | 1,550 | 1,217 | 1,418 | 500 | 8,008 | 6,108 | 1,900 | 24 |
| VIII(a) Osteosarcoma | Both | 1,853 | 2,331 | 1,782 | 1,354 | 1,252 | 874 | 9,446 | 7,376 | 2,070 | 22 |
| | Male | 1,044 | 1,307 | 969 | 689 | 543 | 411 | 4,963 | 4,022 | 941 | 19 |
| | Female | 809 | 1,024 | 813 | 665 | 709 | 463 | 4,483 | 3,354 | 1,129 | 25 |
| VIII(c) Ewing tumor & related sarcomas of bone | Both | 1,410 | 1,424 | 1,028 | 757 | 383 | 168 | 5,170 | 4,581 | 589 | 11 |
| | Male | 850 | 877 | 478 | 377 | 194 | 60 | 2,836 | 2,593 | 243 | 9 |
| | Female | 560 | 547 | 550 | 380 | 189 | 108 | 2,334 | 1,988 | 346 | 15 |
| IX Soft tissue & other extraosseous sarcomas | Both | 6,987 | 7,139 | 4,429 | 4,833 | 4,423 | 4,952 | 32,763 | 22,369 | 10,394 | 32 |
| | Male | 3,889 | 3,847 | 2,234 | 2,424 | 2,094 | 2,777 | 17,265 | 11,894 | 5,371 | 31 |
| | Female | 3,098 | 3,292 | 2,195 | 2,409 | 2,329 | 2,175 | 15,498 | 10,475 | 5,023 | 32 |
| X Germ cell & trophoblastic tumors & neoplasms of gonads | Both | 5,233 | 7,977 | 5,821 | 6,018 | 6,842 | 7,142 | 39,033 | 25,272 | 13,761 | 35 |
| | Male | 2,702 | 5,252 | 3,597 | 3,211 | 3,381 | 3,296 | 21,439 | 14,942 | 6,497 | 30 |
| | Female | 2,531 | 2,725 | 2,224 | 2,807 | 3,461 | 3,846 | 17,594 | 10,330 | 7,264 | 41 |

^a International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Stiller C, Lacour B, Kaatsch P. International Classification of Childhood Cancer, Third Edition. Cancer. April 1, 2005; Vol 103, No. 7, pg 1457-1467.

^b Percent diagnosed before 1975 of all ages complete prevalence counts.

^c All sites females excludes breast cancer.

^d SEER site recode Acute Lymphocytic Leukemia was used instead of the ICCC classification lymphocytic leukemia (Ia) because of statistical modeling requirements.

For more information regarding the modeling of the prevalence estimates, see Mariotto et al. Long-Term Survivors of Childhood Cancers in the United States. Cancer Epidemiol Biomarkers Prev 2009, page 1034.