

Table 29.7  
U.S. Childhood Cancer Survivors at January 1, 2017  
Number of People Previously Diagnosed with Cancer as Children (Ages 0-19 Years) in the United States and Alive January 1, 2017  
By International Classification of Childhood Cancer (ICCC)<sup>a</sup> 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 1992-2017	Diagnosed before 1992 Count	% <sup>b</sup>
All Sites	Both	123,692	107,390	85,042	69,365	48,261	31,419	465,169	276,887	188,282	40
	Male	66,400	56,217	37,588	24,260	17,772	14,039	216,276	145,845	70,431	33
	Female <sup>c</sup>	57,292	51,173	47,454	45,105	30,489	17,380	248,893	131,042	117,851	47
I Leukemia	Both	41,504	26,765	12,980	8,095	3,949	904	94,197	73,161	21,036	22
	Male	22,919	14,737	6,674	3,796	1,772	381	50,279	40,564	9,715	19
	Female	18,585	12,028	6,306	4,299	2,177	523	43,918	32,597	11,321	26
Acute lymphocytic leukemia <sup>d</sup>	Both	34,736	22,267	13,836	9,181	3,235	163	83,418	59,888	23,530	28
	Male	19,110	12,368	7,144	4,842	1,623	92	45,179	33,327	11,852	26
	Female	15,626	9,899	6,692	4,339	1,612	71	38,239	26,561	11,678	31
I(b) Acute myeloid leukemia	Both	4,760	3,384	2,165	1,879	1,320	813	14,321	9,312	5,009	35
	Male	2,522	1,722	1,056	829	646	405	7,180	4,855	2,325	32
	Female	2,238	1,662	1,109	1,050	674	408	7,141	4,457	2,684	38
II(a) Hodgkin lymphoma	Both	4,452	10,002	7,967	7,570	6,704	3,530	40,225	22,925	17,300	43
	Male	2,634	5,441	3,727	3,661	3,321	1,759	20,543	11,861	8,682	42
	Female	1,818	4,561	4,240	3,909	3,383	1,771	19,682	11,064	8,618	44
II(b,c,e) Non-Hodgkin lymphoma	Both	7,540	7,947	5,314	2,971	2,311	2,098	28,181	19,769	8,412	30
	Male	5,086	5,339	3,287	1,514	1,140	1,172	17,538	13,188	4,350	25
	Female	2,454	2,608	2,027	1,457	1,171	926	10,643	6,581	4,062	38
III CNS and misc intracranial & intraspinal neoplasms	Both	20,589	15,994	12,798	8,992	6,886	3,713	68,972	41,939	27,033	39
	Male	10,962	8,505	6,310	4,284	2,997	1,697	34,755	22,351	12,404	36
	Female	9,627	7,489	6,488	4,708	3,889	2,016	34,217	19,588	14,629	43
IV Neuroblastoma & other peripheral nervous cell tumor	Both	9,451	3,682	2,589	2,552	2,149	1,530	21,953	12,839	9,114	42
	Male	4,759	1,887	961	937	642	399	9,585	6,528	3,057	32
	Female	4,692	1,795	1,628	1,615	1,507	1,131	12,368	6,311	6,057	49
VI Renal tumors	Both	7,838	4,891	7,629	7,160	4,220	2,187	33,925	12,414	21,511	63
	Male	3,578	2,179	4,379	3,969	2,351	1,259	17,715	5,569	12,146	69
	Female	4,260	2,712	3,250	3,191	1,869	928	16,210	6,845	9,365	58
VIII Malignant bone tumors	Both	4,136	4,555	3,763	3,841	3,498	2,066	21,859	11,808	10,051	46
	Male	2,368	2,677	2,127	1,880	1,729	1,051	11,832	6,951	4,881	41
	Female	1,768	1,878	1,636	1,961	1,769	1,015	10,027	4,857	5,170	52
VIII(a) Osteosarcoma	Both	2,227	2,549	2,056	1,894	1,760	1,326	11,812	6,551	5,261	45
	Male	1,174	1,412	1,171	878	853	683	6,171	3,648	2,523	41
	Female	1,053	1,137	885	1,016	907	643	5,641	2,903	2,738	49
VIII(c) Ewing tumor & related sarcomas of bone	Both	1,503	1,403	1,002	832	807	446	5,993	3,737	2,256	38
	Male	934	887	591	405	365	162	3,344	2,329	1,015	30
	Female	569	516	411	427	442	284	2,649	1,408	1,241	47
IX Soft tissue & other extraosseous sarcomas	Both	7,334	6,827	5,494	4,607	5,918	9,330	39,510	17,509	22,001	56
	Male	4,198	3,625	2,558	1,968	3,276	5,957	21,582	9,487	12,095	56
	Female	3,136	3,202	2,936	2,639	2,642	3,373	17,928	8,022	9,906	55
X Germ cell & trophoblastic tumors & neoplasms of gonads	Both	5,617	9,291	7,838	7,168	7,815	10,989	48,718	21,859	26,859	55
	Male	3,029	6,025	4,653	4,095	4,346	5,289	27,437	13,619	13,818	50
	Female	2,588	3,266	3,185	3,073	3,469	5,700	21,281	8,240	13,041	61

<sup>a</sup> 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.

<sup>b</sup> Percent diagnosed before 1992 of all ages complete prevalence counts.

<sup>c</sup> All sites females excludes breast cancer.

<sup>d</sup> 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.