

Table 2.5

Age-Adjusted SEER Cancer Incidence Trends, 1975-2018<sup>a</sup>  
 By International Classification of Childhood Cancer (ICCC)<sup>b</sup> Selected Group and Subgroup<sup>c</sup>  
 Excluding benign brain and myelodysplastic syndromes  
 All Races, Females

ICCC Group and Subgroup	Ages 0-14				Ages 0-19			
	% Change 1975-2018	APC 1975-2018	APC 1975-1996	APC 1997-2018	% Change 1975-2018	APC 1975-2018	APC 1975-1996	APC 1997-2018
All ICCC Groups Combined	45.6	0.8*	0.6*	0.9*	41.6	0.8*	0.6*	1.0*
I Leukemia	60.7	0.7*	0.6	0.6*	55.1	0.9*	0.7	0.7*
I(a) Lymphoid leukemia	82.9	0.7*	0.6	0.5	72.9	0.8*	0.6	0.5
I(b) Acute myeloid leukemia	-3.6	0.6*	1.3	0.6	-1.5	0.8*	1.7*	0.6
II Lymphomas and reticuloendothelial neo.	42.3	1.4*	-0.7	3.1* <sup>#</sup>	32.2	0.6*	0.1	1.8* <sup>#</sup>
II(a) Hodgkin lymphoma	-25.4	-0.5	-1.2	-0.1	4.7	-0.5*	-0.4	0.0
II(b,c,e) Non-Hodgkin lymphoma								
III CNS & misc intracranial & intraspinal neo.	42.6	0.8*	1.5*	0.4	48.3	0.8*	1.4*	0.7
III(a) Ependymomas and choroid plexus tumors	45.4	1.1*	1.7	1.4	58.5	1.2*	1.4	1.7*
III(b) Astrocytoma	36.8	1.0*	2.3*	0.3 <sup>@</sup>	41.7	0.8*	2.0*	0.8
III(c) Intracranial and intraspinal embryonal tum.	101.5	0.9*	1.4	0.4	111.0	1.0*	1.7*	0.2
III(d) Other gliomas	20.3	0.5	-0.9	0.7	34.9	0.7	-0.3	0.7
IV Neuroblastoma and other peripheral nervous cell tumors	22.7	0.3	-0.2	-0.1	25.8	0.3	-0.4	0.0
IV(a) Neuroblastoma and ganglioneuroblastoma	16.6	0.3	-0.3	-0.1	16.6	0.2	-0.4	-0.1
V Retinoblastoma	-27.5	0.0	0.3	-0.5	-27.5	0.0	0.3	-0.5
VI Renal tumors	7.1	0.0	0.0	0.1	12.5	0.1	0.4	0.2
VI(a) Nephroblastoma and other nonepithelial renal tumors	-10.8	0.0	-0.1	0.1	-10.8	-0.1	0.0	0.1
VII Hepatic tumors	875.1	2.2*	0.2	2.0	875.1	2.0*	0.1	1.6
VII(a) Hepatoblastoma	-	-	-	1.8	-	-	-	1.8
VIII Malignant bone tumors	90.1	0.1	0.2	1.2	3.7	-0.1	-0.4	0.4
VIII(a) Osteosarcoma	139.9	0.7	1.2	1.6	1.9	0.3	0.2	1.0
VIII(c) Ewing tum. and related sarcomas of bone	55.2	-	-1.6	-	64.0	-0.5	-0.7	0.4
IX Soft tissue and other extraosseous sarcomas	3.2	0.2	0.6	-0.4	3.0	0.3	0.4	-0.8
IX(a) Rhabdomyosarcoma	-14.2	-0.1	0.4	-0.5	-21.5	-0.1	0.8	-1.1
X Germ cell & trophoblastic tum. & neo. of gonads	73.1	1.0*	1.6	1.3	-15.4	0.2	0.9	0.6
X(a) Intracranial and intraspinal germ-cell tum.	299.8	-	-	1.7	299.8	-	-	1.0
X(c) Malignant gonadal germ cell tum. (ovary)	63.1	0.5	-0.6	1.6	10.7	0.1	1.3	0.2
XI Other malignant epithelial neo. and melanomas <sup>d</sup>	72.0	1.8*	0.5	2.9* <sup>#</sup>	106.9	1.7*	0.8	2.9* <sup>#</sup>
XI(b) Thyroid carcinoma	37.1	1.6*	0.0	3.0* <sup>@</sup>	186.9	2.4*	1.2	4.0* <sup>#</sup>
XI(d) Malignant melanoma	144.7	-	-	-0.2	82.7	0.5	1.6	-1.5 <sup>#</sup>

<sup>a</sup> The APC is the Annual Percent Change over the time interval.

<sup>b</sup> SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

<sup>c</sup> International Classification of Childhood Cancer is based on ICD-O-3. International Classification of Childhood Cancer is based on ICD-O-3. Steliarova-Foucher E, Colombet M, Ries LAG, Moreno F, Dolya A, Shin HY, Hesselning P, Stiller CA.

International Incidence of Childhood Cancer, Volume III. Lyon: International Agency for Research on Cancer, In press.

<sup>d</sup> Classifications are shown for invasive cases only except as noted. For ICCC groups and subgroups that include *in situ* behavior, only invasive cases are shown except as noted.

<sup>\*</sup> Includes *in situ* urinary bladder tumors.

<sup>\*</sup> The APC is significantly different from zero ( $p < .05$ ).

<sup>#</sup> The APC for 1997-2018 is significantly different from the APC for 1975-1996 ( $p < .05$ ).

<sup>@</sup> The APC for 1997-2018 is significantly different from the APC for 1975-1996 ( $p < .10$ ).

- Statistic could not be calculated. Trend based on less than 10 cases for at least one year within the time interval.

Neoplasms are abbreviated as neo. Tumors are abbreviated as tum.