

Table 2.4

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

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	46.8	0.8*	1.0*	0.9*	44.9	0.8*	1.0*	0.9*
I Leukemia	40.0	0.8*	0.9*	0.7*	38.9	0.8*	0.7*	0.8*
I(a) Lymphoid leukemia	57.9	0.7*	1.2*	0.4	61.0	0.7*	1.1*	0.5
I(b) Acute myeloid leukemia	46.5	1.2*	1.9*	0.5	29.7	1.0*	1.1	0.2
II Lymphomas and reticuloendothelial neo.	45.4	1.1*	-1.1*	3.4* [#]	25.6	0.8*	-0.3	2.5* [#]
II(a) Hodgkin lymphoma	5.1	-0.6	-1.8	0.7 [#]	-25.2	-0.5*	-0.9	0.6 [#]
II(b,c,e) Non-Hodgkin lymphoma								
III CNS & misc intracranial & intraspinal neo.	97.8	0.7*	2.2*	0.2 [#]	77.7	0.6*	2.0*	0.3 [#]
III(a) Ependymomas and choroid plexus tumors	305.4	0.8	2.0	2.1*	305.4	0.8*	2.0	2.0*
III(b) Astrocytoma	88.2	0.6*	2.7*	0.3 [#]	71.3	0.5*	2.1*	0.6 [#]
III(c) Intracranial and intraspinal embryonal tum.	333.0	0.6	2.0*	-0.6 [#]	299.0	0.6*	2.1*	-0.8 [#]
III(d) Other gliomas	21.2	0.6	0.7	0.0	20.4	0.7*	1.4	0.4
IV Neuroblastoma and other peripheral nervous cell tumors	11.7	0.3	1.1	0.6	14.8	0.3	1.3	0.7
IV(a) Neuroblastoma and ganglioneuroblastoma	8.0	0.3	1.1	0.5	11.2	0.3	1.1	0.6
V Retinoblastoma	13.5	0.4	1.8	-0.2	13.5	0.4	1.9	-0.2
VI Renal tumors	50.2	-0.1	1.1	-0.2	40.8	0.0	1.0	-0.3
VI(a) Nephroblastoma and other nonepithelial renal tumors	57.6	-0.2	1.2	-0.4	57.6	-0.2	1.1	-0.3
VII Hepatic tumors	63.8	2.0*	3.7*	0.7	200.7	2.0*	3.5*	0.7
VII(a) Hepatoblastoma	145.8	2.2*	4.3*	0.8 [@]	145.8	2.2*	4.6*	1.0 [#]
VIII Malignant bone tumors	19.5	0.5	1.2	0.3	16.9	0.4	1.5*	-0.1
VIII(a) Osteosarcoma	139.5	0.9*	1.7	0.9	140.8	0.7*	2.2*	0.4
VIII(c) Ewing tum. and related sarcomas of bone	-7.3	0.0	0.1	-0.5	-28.5	0.0	0.3	-0.6
IX Soft tissue and other extraosseous sarcomas	28.2	0.7*	0.7	0.6	32.8	0.7*	0.6	0.2
IX(a) Rhabdomyosarcoma	12.0	0.1	1.3	0.1	10.4	0.0	0.9	-0.2
X Germ cell & trophoblastic tum. & neo. of gonads	3.1	0.6	1.9	-0.6	46.0	0.8*	1.7*	-0.1 [#]
X(a) Intracranial and intraspinal germ-cell tum.	15.9	-	-	-0.9	37.1	1.6*	4.7*	0.1 [#]
X(c) Malignant gonadal germ cell tum. (testis)	-34.5	-0.5	-1.0	-1.1	49.9	0.7*	1.0	-0.3
XI Other malignant epithelial neo. and melanomas ^d	70.3	1.7*	0.4	3.0* [#]	121.3	1.6*	0.9	2.6* [#]
XI(b) Thyroid carcinoma	446.7	-	-	5.6*	344.5	2.6*	-1.1	5.5* [#]
XI(d) Malignant melanoma	-53.5	1.3*	0.3	0.8	-17.0	0.5	2.1	-1.4 [#]

^a The APC is the Annual Percent Change over the time interval.

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

^c 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.

^d 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.

^{*} Includes *in situ* urinary bladder tumors.

[#] The APC is significantly different from zero ($p < .05$).

[@] The APC for 1997-2018 is significantly different from the APC for 1975-1996 ($p < .05$).

- 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.