

New York State Department of Health, New York State Cancer Registry
Cancer Incidence among Children and Adolescents, 2015-2019
New York State

Site of cancer	Ages 0-4 years		Ages 5-9 years		Ages 10-14 years		Ages 15-19 years		Combined Ages 0-14 years			Combined Ages 0-19 years		
	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	95% CI	Avg Ann Cases	Rate per 1,000,000	95% CI
All Invasive Malignant Tumors	285.8	247.2	152.8	135.8	213.6	189.5	346.4	287.9	652.2	189.9	183.4-196.5	998.6	214.5	208.6-220.6
I Leukemias, myeloproliferative and myelodysplastic diseases	88.8	76.8	42.2	37.5	42.2	37.4	52.6	43.7	173.2	50.2	46.9-53.6	225.8	48.5	45.7-51.5
I(a) Lymphoid leukemias	65.6	56.7	33.6	29.9	24.6	21.8	24.6	20.4	123.8	35.8	33.0-38.7	148.4	31.9	29.7-34.3
I(b) Acute myeloid leukemia	14.2	12.3	4.2	3.7	10.2	9.0	16.4	13.6	28.6	8.3	7.0-9.8	45.0	9.6	8.4-11.0
II Lymphomas and reticuloendothelial neoplasms	21.2	18.3	23.6	21.0	40.4	35.8	80.0	66.5	85.2	25.2	22.8-27.7	165.2	35.6	33.2-38.1
II(a) Hodgkin lymphoma	0.8	0.7	2.8	2.5	17.0	15.1	49.0	40.7	20.6	6.2	5.1-7.5	69.6	14.9	13.4-16.5
II(b,c,d) Non-Hodgkin lymphomas	20.2	17.5	20.8	18.5	23.2	20.6	30.4	25.3	64.2	18.9	16.9-21.0	94.6	20.5	18.7-22.4
III CNS & misc intracranial & intraspinal neoplasms	56.4	48.8	43.6	38.7	41.4	36.7	26.0	21.6	141.4	41.3	38.3-44.5	167.4	36.3	33.9-38.9
III(a) Ependymomas and choroid plexus tumor	6.0	5.2	2.8	2.5	2.4	2.1	2.4	2.0	11.2	3.2	2.4-4.2	13.6	2.9	2.3-3.7
III(b) Astrocytoma	28.4	24.6	24.4	21.7	23.0	20.4	13.6	11.3	75.8	22.2	20.0-24.5	89.4	19.4	17.7-21.3
III(c) Intracranial and intraspinal embryonal tumors	12.8	11.1	6.8	6.0	4.8	4.3	2.6	2.2	24.4	7.1	5.9-8.4	27.0	5.8	4.9-6.9
III(d) Other gliomas	7.0	6.1	8.6	7.6	10.0	8.9	6.0	5.0	25.6	7.6	6.3-9.0	31.6	6.9	5.9-8.1
IV Neuroblastoma and other peripheral nervous cell tumors	39.0	33.7	6.6	5.9	1.0	0.9	1.6	1.3	46.6	13.1	11.5-14.9	48.2	10.2	8.9-11.5
IV(a) Neuroblastoma and ganglioneuroblastoma	39.0	33.7	6.6	5.9	0.8	0.7	1.0	0.8	46.4	13.1	11.4-14.9	47.4	10.0	8.8-11.3
V Retinoblastoma	15.8	13.7	0.4	0.4	0.2	0.2	0.2	0.2	16.4	4.6	3.6-5.7	16.6	3.5	2.8-4.3
VI Renal tumors	23.8	20.6	6.6	5.9	2.8	2.5	2.2	1.8	33.2	9.5	8.1-11.0	35.4	7.5	6.5-8.7
VI(a) Nephroblastoma and other nonepithelial renal tumor	23.8	20.6	6.2	5.5	1.0	0.9	0.0	0.0	31.0	8.8	7.5-10.3	31.0	6.6	5.6-7.7
VII Hepatic tumors	8.8	7.6	1.0	0.9	1.6	1.4	2.4	2.0	11.4	3.2	2.4-4.2	13.8	2.9	2.3-3.7
VII(a) Hepatoblastoma and mesenchymal tumors of liver	8.4	7.3	0.8	0.7	0.6	0.5	0.0	0.0	9.8	2.8	2.0-3.6	9.8	2.1	1.5-2.7
VIII Malignant bone tumors	2.2	1.9	7.4	6.6	21.8	19.3	23.4	19.4	31.4	9.4	8.0-11.0	54.8	11.9	10.6-13.4
VIII(a) Osteosarcoma	0.2	0.2	3.0	2.7	13.8	12.2	12.6	10.5	17.0	5.1	4.1-6.3	29.6	6.5	5.5-7.6
VIII(c) Ewing tumor and related sarcomas of bone	1.2	1.0	3.8	3.4	5.8	5.1	6.8	5.7	10.8	3.2	2.4-4.2	17.6	3.8	3.1-4.7
IX Soft tissue and other extraosseous sarcomas	16.2	14.0	10.8	9.6	17.2	15.3	23.2	19.3	44.2	12.9	11.3-14.8	67.4	14.5	13.0-16.2
IX(a) Rhabdomyosarcoma	10.6	9.2	4.8	4.3	4.8	4.3	6.4	5.3	20.2	5.8	4.8-7.1	26.6	5.7	4.8-6.8
X Germ cell & trophoblastic tumors & gonadal neoplasms	7.8	6.7	4.4	3.9	10.0	8.9	34.6	28.8	22.2	6.5	5.3-7.8	56.8	12.1	10.7-13.6
X(a) Intracranial and intraspinal germ cell tumor	1.0	0.9	1.0	0.9	4.0	3.5	3.2	2.7	6.0	1.8	1.2-2.5	9.2	2.0	1.5-2.7
X(c) Malignant gonadal germ cell tumor	1.6	1.4	2.8	2.5	6.0	5.3	25.8	21.4	10.4	3.1	2.3-4.1	36.2	7.7	6.6-8.9
XI Other malignant epithelial neoplasms and malignant melanomas	3.0	2.6	5.4	4.8	33.6	29.8	97.6	81.1	42.0	12.6	10.9-14.4	139.6	29.8	27.7-32.1
XI(b) Thyroid carcinoma	0.8	0.7	1.2	1.1	14.8	13.1	58.0	48.2	16.8	5.0	4.0-6.2	74.8	15.9	14.3-17.6
XI(d) Malignant melanoma	1.4	1.2	1.0	0.9	2.0	1.8	6.6	5.5	4.4	1.3	0.8-2.0	11.0	2.3	1.8-3.1
XII Other and unspecified malignant neoplasms	2.6	2.2	0.8	0.7	1.0	0.9	2.6	2.2	4.4	1.3	0.8-1.9	7.0	1.5	1.0-2.1

Rates are per 1,000,000 children. Rates for 0-14 and 0-19 year age intervals are age-adjusted within these intervals to the 2000 US standard population, with 95% confidence intervals. Incidence data provisional, November 2021. Rates based on fewer than 4 cases per year are unstable and should be used with caution. Non-Hodgkin lymphomas, Burkitt, and miscellaneous lymphomas are grouped together under II(b,c,d).

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	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	95% CI	Avg Ann Cases	Rate per 1,000,000	95% CI
All Invasive Malignant Tumors	135.2	247.8	70.6	145.4	90.2	199.0	135.0	300.5	296.0	196.3	186.4-206.6	431.0	222.5	213.2-232.2
I Leukemias, myeloproliferative and myelodysplastic diseases	42.6	78.1	20.2	41.6	19.0	41.9	23.8	53.0	81.8	53.5	48.4-59.0	105.6	53.4	48.9-58.2
I(a) Lymphoid leukemias	29.0	53.2	16.0	33.0	10.8	23.8	13.2	29.4	55.8	36.5	32.3-41.1	69.0	34.7	31.1-38.6
I(b) Acute myeloid leukemia	6.4	11.7	1.8	3.7	3.8	8.4	6.8	15.1	12.0	7.9	6.0-10.1	18.8	9.7	7.8-11.9
II Lymphomas and reticuloendothelial neoplasms	10.6	19.4	12.2	25.1	17.6	38.8	31.6	70.3	40.4	27.9	24.2-32.1	72.0	38.6	34.7-42.8
II(a) Hodgkin lymphoma	0.4	0.7	1.4	2.9	6.2	13.7	16.6	37.0	8.0	5.9	4.2-8.0	24.6	13.7	11.4-16.3
II(b,c,d) Non-Hodgkin lymphomas	10.0	18.3	10.8	22.2	11.2	24.7	14.6	32.5	32.0	21.8	18.5-25.4	46.6	24.5	21.4-27.8
III CNS & misc intracranial & intraspinal neoplasms	23.4	42.9	17.2	35.4	16.8	37.1	9.4	20.9	57.4	38.4	34.1-43.2	66.8	34.0	30.5-37.9
III(a) Ependymomas and choroid plexus tumor	2.8	5.1	0.8	1.6	1.0	2.2	0.6	1.3	4.6	3.0	1.9-4.5	5.2	2.6	1.7-3.8
III(b) Astrocytoma	10.0	18.3	9.2	19.0	8.2	18.1	4.2	9.3	27.4	18.5	15.5-21.9	31.6	16.2	13.8-18.9
III(c) Intracranial and intraspinal embryonal tumors	5.4	9.9	3.2	6.6	2.2	4.9	1.4	3.1	10.8	7.0	5.3-9.2	12.2	6.1	4.6-7.8
III(d) Other gliomas	4.2	7.7	3.2	6.6	5.0	11.0	2.2	4.9	12.4	8.5	6.5-10.9	14.6	7.6	5.9-9.5
IV Neuroblastoma and other peripheral nervous cell tumors	18.4	33.7	3.6	7.4	0.4	0.9	1.0	2.2	22.4	13.5	11.1-16.3	23.4	10.7	8.8-12.8
IV(a) Neuroblastoma and ganglioneuroblastoma	18.4	33.7	3.6	7.4	0.4	0.9	0.6	1.3	22.4	13.5	11.1-16.3	23.0	10.5	8.6-12.6
V Retinoblastoma	9.2	16.9	0.4	0.8	0.2	0.4	0.0	0.0	9.8	5.7	4.2-7.6	9.8	4.3	3.2-5.7
VI Renal tumors	10.2	18.7	2.6	5.4	1.4	3.1	1.2	2.7	14.2	8.9	6.9-11.3	15.4	7.3	5.8-9.2
VI(a) Nephroblastoma and other nonepithelial renal tumor	10.2	18.7	2.4	4.9	0.6	1.3	0.0	0.0	13.2	8.2	6.3-10.4	13.2	6.1	4.7-7.8
VII Hepatic tumors	4.6	8.4	0.6	1.2	0.8	1.8	1.0	2.2	6.0	3.7	2.5-5.3	7.0	3.3	2.3-4.6
VII(a) Hepatoblastoma and mesenchymal tumors of liver	4.6	8.4	0.4	0.8	0.2	0.4	0.0	0.0	5.2	3.1	2.0-4.6	5.2	2.3	1.5-3.4
VIII Malignant bone tumors	1.4	2.6	4.4	9.1	9.4	20.7	8.8	19.6	15.2	11.0	8.6-13.7	24.0	13.1	10.9-15.7
VIII(a) Osteosarcoma	0.0	0.0	2.2	4.5	6.2	13.7	5.2	11.6	8.4	6.2	4.5-8.3	13.6	7.5	5.9-9.5
VIII(c) Ewing tumor and related sarcomas of bone	0.6	1.1	1.6	3.3	1.8	4.0	2.4	5.3	4.0	2.8	1.7-4.3	6.4	3.5	2.4-4.9
IX Soft tissue and other extraosseous sarcomas	8.4	15.4	5.2	10.7	9.0	19.9	8.8	19.6	22.6	15.3	12.6-18.4	31.4	16.4	13.9-19.2
IX(a) Rhabdomyosarcoma	5.4	9.9	2.2	4.5	1.8	4.0	1.6	3.6	9.4	6.1	4.4-8.1	11.0	5.4	4.1-7.1
X Germ cell & trophoblastic tumors & gonadal neoplasms	4.2	7.7	2.0	4.1	5.2	11.5	14.4	32.1	11.4	7.7	5.8-10.0	25.8	13.8	11.5-16.4
X(a) Intracranial and intraspinal germ cell tumor	0.6	1.1	0.4	0.8	1.8	4.0	1.0	2.2	2.8	2.0	1.1-3.3	3.8	2.0	1.2-3.2
X(c) Malignant gonadal germ cell tumor	1.2	2.2	1.2	2.5	3.4	7.5	10.0	22.3	5.8	4.1	2.7-5.9	15.8	8.7	6.9-10.8
XI Other malignant epithelial neoplasms and malignant melanomas	1.4	2.6	1.8	3.7	10.0	22.1	34.4	76.6	13.2	9.6	7.4-12.1	47.6	26.4	23.2-30.0
XI(b) Thyroid carcinoma	0.4	0.7	0.6	1.2	4.2	9.3	19.6	43.6	5.2	3.8	2.5-5.6	24.8	13.8	11.5-16.5
XI(d) Malignant melanoma	0.4	0.7	0.0	0.0	0.0	0.0	1.2	2.7	0.4	0.2	0.0-0.9	1.6	0.8	0.4-1.7
XII Other and unspecified malignant neoplasms	0.6	1.1	0.4	0.8	0.2	0.4	0.6	1.3	1.2	0.8	0.3-1.7	1.8	0.9	0.4-1.7

Rates are per 1,000,000 children. Rates for 0-14 and 0-19 year age intervals are age-adjusted within these intervals to the 2000 US standard population, with 95% confidence intervals. Incidence data provisional, November 2021. Rates based on fewer than 4 cases per year are unstable and should be used with caution. Non-Hodgkin lymphomas, Burkitt, and miscellaneous lymphomas are grouped together under II(b,c,d).

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Site of cancer	Ages 0-4 years		Ages 5-9 years		Ages 10-14 years		Ages 15-19 years		Combined Ages 0-14 years			Combined Ages 0-19 years		
	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	Avg Ann Cases	Rate per 1,000,000	95% CI	Avg Ann Cases	Rate per 1,000,000	95% CI
All Invasive Malignant Tumors	150.4	246.4	82.2	128.5	123.2	182.8	211.2	280.2	355.8	185.1	176.6-193.9	567.0	209.0	201.3-216.8
I Leukemias, myeloproliferative and myelodysplastic diseases	46.2	75.7	22.0	34.4	23.2	34.4	28.8	38.2	91.4	47.6	43.4-52.2	120.2	45.3	41.7-49.0
I(a) Lymphoid leukemias	36.6	60.0	17.6	27.5	13.8	20.5	11.4	15.1	68.0	35.5	31.8-39.4	79.4	30.3	27.4-33.5
I(b) Acute myeloid leukemia	7.8	12.8	2.4	3.8	6.4	9.5	9.6	12.7	16.6	8.6	6.9-10.7	26.2	9.7	8.1-11.5
II Lymphomas and reticuloendothelial neoplasms	10.6	17.4	11.4	17.8	22.8	33.8	48.2	63.9	44.8	23.1	20.2-26.4	93.0	33.4	30.4-36.6
II(a) Hodgkin lymphoma	0.4	0.7	1.4	2.2	10.8	16.0	32.2	42.7	12.6	6.4	4.9-8.2	44.8	15.5	13.6-17.7
II(b,c,d) Non-Hodgkin lymphomas	10.2	16.7	10.0	15.6	12.0	17.8	15.8	21.0	32.2	16.7	14.2-19.5	48.0	17.8	15.6-20.2
III CNS & misc intracranial & intraspinal neoplasms	32.8	53.7	26.4	41.3	24.6	36.5	16.6	22.0	83.8	43.7	39.6-48.0	100.4	38.2	34.9-41.7
III(a) Ependymomas and choroid plexus tumor	3.2	5.2	2.0	3.1	1.4	2.1	1.8	2.4	6.6	3.5	2.4-4.9	8.4	3.2	2.3-4.3
III(b) Astrocytoma	18.2	29.8	15.2	23.8	14.8	22.0	9.4	12.5	48.2	25.1	22.0-28.5	57.6	21.9	19.4-24.6
III(c) Intracranial and intraspinal embryonal tumors	7.4	12.1	3.6	5.6	2.6	3.9	1.2	1.6	13.6	7.1	5.5-9.0	14.8	5.7	4.5-7.2
III(d) Other gliomas	2.8	4.6	5.4	8.4	5.0	7.4	3.8	5.0	13.2	6.8	5.3-8.7	17.0	6.4	5.1-7.9
IV Neuroblastoma and other peripheral nervous cell tumors	20.6	33.7	3.0	4.7	0.6	0.9	0.6	0.8	24.2	12.9	10.7-15.4	24.8	9.8	8.2-11.7
IV(a) Neuroblastoma and ganglioneuroblastoma	20.6	33.7	3.0	4.7	0.4	0.6	0.4	0.5	24.0	12.8	10.6-15.2	24.4	9.7	8.0-11.6
V Retinoblastoma	6.6	10.8	0.0	0.0	0.0	0.0	0.2	0.3	6.6	3.5	2.4-5.0	6.8	2.7	1.9-3.8
VI Renal tumors	13.6	22.3	4.0	6.3	1.4	2.1	1.0	1.3	19.0	10.0	8.1-12.2	20.0	7.8	6.4-9.5
VI(a) Nephroblastoma and other nonepithelial renal tumor	13.6	22.3	3.8	5.9	0.4	0.6	0.0	0.0	17.8	9.4	7.5-11.5	17.8	7.0	5.6-8.6
VII Hepatic tumors	4.2	6.9	0.4	0.6	0.8	1.2	1.4	1.9	5.4	2.8	1.9-4.1	6.8	2.6	1.8-3.6
VII(a) Hepatoblastoma and mesenchymal tumors of liver	3.8	6.2	0.4	0.6	0.4	0.6	0.0	0.0	4.6	2.4	1.5-3.6	4.6	1.8	1.2-2.7
VIII Malignant bone tumors	0.8	1.3	3.0	4.7	12.4	18.4	14.6	19.4	16.2	8.3	6.6-10.3	30.8	11.1	9.4-13.0
VIII(a) Osteosarcoma	0.2	0.3	0.8	1.3	7.6	11.3	7.4	9.8	8.6	4.4	3.2-5.9	16.0	5.7	4.5-7.1
VIII(c) Ewing tumor and related sarcomas of bone	0.6	1.0	2.2	3.4	4.0	5.9	4.4	5.8	6.8	3.5	2.4-4.9	11.2	4.1	3.1-5.3
IX Soft tissue and other extraosseous sarcomas	7.8	12.8	5.6	8.8	8.2	12.2	14.4	19.1	21.6	11.2	9.2-13.6	36.0	13.2	11.3-15.3
IX(a) Rhabdomyosarcoma	5.2	8.5	2.6	4.1	3.0	4.5	4.8	6.4	10.8	5.6	4.2-7.3	15.6	5.8	4.6-7.3
X Germ cell & trophoblastic tumors & gonadal neoplasms	3.6	5.9	2.4	3.8	4.8	7.1	20.2	26.8	10.8	5.6	4.2-7.3	31.0	10.9	9.3-12.8
X(a) Intracranial and intraspinal germ cell tumor	0.4	0.7	0.6	0.9	2.2	3.3	2.2	2.9	3.2	1.6	0.9-2.7	5.4	2.0	1.3-2.9
X(c) Malignant gonadal germ cell tumor	0.4	0.7	1.6	2.5	2.6	3.9	15.8	21.0	4.6	2.4	1.5-3.6	20.4	7.0	5.7-8.6
XI Other malignant epithelial neoplasms and malignant melanomas	1.6	2.6	3.6	5.6	23.4	34.7	63.2	83.8	28.6	14.6	12.3-17.1	91.8	32.0	29.1-35.1
XI(b) Thyroid carcinoma	0.4	0.7	0.6	0.9	10.4	15.4	38.4	50.9	11.4	5.8	4.4-7.5	49.8	17.1	15.1-19.4
XI(d) Malignant melanoma	1.0	1.6	1.0	1.6	2.0	3.0	5.4	7.2	4.0	2.1	1.3-3.2	9.4	3.4	2.5-4.5
XII Other and unspecified malignant neoplasms	2.0	3.3	0.4	0.6	0.8	1.2	2.0	2.7	3.2	1.7	1.0-2.7	5.2	1.9	1.3-2.8

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	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	95% CI	Avg Ann Deaths	Rate per 1,000,000	95% CI
All Invasive Malignant Tumors	23.6	20.4	20.4	18.1	24.4	21.6	33.6	27.9	68.4	20.1	18.0-22.3	102.0	22.0	20.2-24.0
Bones & joints	0.4	0.3	0.4	0.4	3.8	3.4	8.2	6.8	4.6	1.4	0.9-2.1	12.8	2.7	2.1-3.5
Soft tissue (including heart)	2.6	2.2	1.8	1.6	1.8	1.6	3.8	3.2	6.2	1.8	1.2-2.6	10.0	2.1	1.6-2.8
Kidney and renal pelvis	0.8	0.7	0.2	0.2	0.4	0.4	0.6	0.5	1.4	0.4	0.2-0.8	2.0	0.4	0.2-0.8
Malignant brain / other central nervous system	4.8	4.2	10.2	9.1	8.0	7.1	7.0	5.8	23.0	6.8	5.6-8.2	30.0	6.6	5.6-7.7
Hodgkin lymphoma	0.0	0.0	0.2	0.2	0.2	0.2	0.4	0.3	0.4	0.1	0.0-0.4	0.8	0.2	0.0-0.4
Non-Hodgkin lymphomas	0.4	0.3	0.2	0.2	0.8	0.7	2.2	1.8	1.4	0.4	0.2-0.8	3.6	0.8	0.5-1.2
Leukemias	7.6	6.6	3.6	3.2	6.4	5.7	7.6	6.3	17.6	5.1	4.1-6.3	25.2	5.4	4.5-6.5
Acute lymphocytic leukemia	2.6	2.2	1.8	1.6	2.0	1.8	4.2	3.5	6.4	1.9	1.3-2.6	10.6	2.3	1.7-3.0

Rates are per 1,000,000 children. Rates for 0-14 and 0-19 year age intervals are age-adjusted within these intervals to the 2000 US standard population, with 95% confidence intervals. Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

**New York State Department of Health, New York State Cancer Registry
Cancer Mortality among Children and Adolescents, 2015-2019
New York City**

Site of cancer	Ages 0-4 years		Ages 5-9 years		Ages 10-14 years		Ages 15-19 years		Combined Ages 0-14 years			Combined Ages 0-19 years		
	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	95% CI	Avg Ann Deaths	Rate per 1,000,000	95% CI
All Invasive Malignant Tumors	10.8	19.8	8.6	17.7	13.6	30.0	13.6	30.3	33.0	22.6	19.3-26.3	46.6	24.5	21.5-27.9
Bones & joints	0.2	0.4	0.0	0.0	2.0	4.4	3.0	6.7	2.2	1.6	0.8-2.9	5.2	2.9	1.9-4.2
Soft tissue (including heart)	1.0	1.8	1.0	2.1	1.0	2.2	0.6	1.3	3.0	2.0	1.1-3.4	3.6	1.9	1.1-2.9
Kidney and renal pelvis	0.2	0.4	0.0	0.0	0.0	0.0	0.2	0.4	0.2	0.1	0.0-0.7	0.4	0.2	0.0-0.7
Malignant brain / other central nervous system	2.0	3.7	3.8	7.8	4.2	9.3	3.0	6.7	10.0	7.0	5.2-9.2	13.0	6.9	5.3-8.8
Hodgkin lymphoma	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.2	0.1	0.0-0.8	0.2	0.1	0.0-0.6
Non-Hodgkin lymphomas	0.0	0.0	0.2	0.4	0.4	0.9	1.2	2.7	0.6	0.4	0.1-1.3	1.8	1.0	0.5-1.9
Leukemias	3.6	6.6	1.2	2.5	4.2	9.3	3.8	8.5	9.0	6.1	4.4-8.2	12.8	6.7	5.2-8.6
Acute lymphocytic leukemia	1.2	2.2	0.6	1.2	1.2	2.6	2.2	4.9	3.0	2.0	1.1-3.3	5.2	2.7	1.8-4.0

Rates are per 1,000,000 children. Rates for 0-14 and 0-19 year age intervals are age-adjusted within these intervals to the 2000 US standard population, with 95% confidence intervals. Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

**New York State Department of Health, New York State Cancer Registry
Cancer Mortality among Children and Adolescents, 2015-2019
New York State Excl New York City**

Site of cancer	Ages 0-4 years		Ages 5-9 years		Ages 10-14 years		Ages 15-19 years		Combined Ages 0-14 years			Combined Ages 0-19 years		
	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	Avg Ann Deaths	Rate per 1,000,000	95% CI	Avg Ann Deaths	Rate per 1,000,000	95% CI
All Invasive Malignant Tumors	12.8	21.0	11.8	18.4	10.8	16.0	20.0	26.5	35.4	18.4	15.8-21.4	55.4	20.5	18.1-23.0
Bones & joints	0.2	0.3	0.4	0.6	1.8	2.7	5.2	6.9	2.4	1.2	0.6-2.1	7.6	2.7	1.9-3.7
Soft tissue (including heart)	1.6	2.6	0.8	1.3	0.8	1.2	3.2	4.2	3.2	1.7	1.0-2.7	6.4	2.3	1.6-3.3
Kidney and renal pelvis	0.6	1.0	0.2	0.3	0.4	0.6	0.4	0.5	1.2	0.6	0.2-1.4	1.6	0.6	0.3-1.2
Malignant brain / other central nervous system	2.8	4.6	6.4	10.0	3.8	5.6	4.0	5.3	13.0	6.8	5.2-8.6	17.0	6.4	5.1-7.9
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.5	0.2	0.1	0.0-0.6	0.6	0.2	0.0-0.6
Non-Hodgkin lymphomas	0.4	0.7	0.0	0.0	0.4	0.6	1.0	1.3	0.8	0.4	0.1-1.1	1.8	0.6	0.3-1.2
Leukemias	4.0	6.6	2.4	3.8	2.2	3.3	3.8	5.0	8.6	4.5	3.2-6.0	12.4	4.6	3.5-5.9
Acute lymphocytic leukemia	1.4	2.3	1.2	1.9	0.8	1.2	2.0	2.7	3.4	1.8	1.0-2.8	5.4	2.0	1.3-2.9

Rates are per 1,000,000 children. Rates for 0-14 and 0-19 year age intervals are age-adjusted within these intervals to the 2000 US standard population, with 95% confidence intervals.
Rates based on fewer than 4 deaths per year are unstable and should be used with caution.

**New York State Department of Health, New York State Cancer Registry
Childhood and Adolescent Cancer Incidence by County, 0-19 Years Old, 2015-2019**

County	Avg Ann Cases	Rate per 1,000,000	95% CI	County	Avg Ann Cases	Rate per 1,000,000	95% CI
New York State	998.6	214.5	208.6-220.6	Monroe	29.4	162.4	137.1-191.0
New York City	431.0	222.5	213.2-232.2	Montgomery	4.4	353.8	221.7-535.7
New York State Excl New York City	567.0	209.0	201.3-216.8	Nassau	76.8	233.0	210.2-257.5
Bronx	85.8	215.3	195.4-236.7	Niagara	13.0	270.2	208.5-344.6
Kings (Brooklyn)	141.0	219.3	203.2-236.3	Oneida	10.4	185.5	138.5-243.5
New York (Manhattan)	64.4	234.3	209.2-261.7	Onondaga	20.8	177.9	145.3-215.8
Queens	108.2	214.9	197.1-233.9	Ontario	3.6	141.4	83.5-224.6
Richmond (Staten Island)	31.6	275.5	234.2-322.0	Orange	23.0	209.1	172.6-251.1
Albany	11.2	155.0	116.5-202.3	Orleans	2.2	243.3	121.2-436.9
Allegany	3.0	239.9	131.8-402.9	Oswego	6.0	203.9	137.1-292.1
Broome	8.0	168.2	119.5-230.4	Otsego	1.6	123.6	51.1-251.5
Cattaraugus	3.2	165.8	94.7-269.6	Putnam	4.6	206.6	130.3-312.0
Cayuga	3.2	190.8	109.0-309.9	Rensselaer	8.4	227.9	164.0-308.7
Chautauqua	7.2	237.1	165.7-328.8	Rockland	24.6	246.9	205.2-294.7
Chemung	5.0	246.2	159.3-363.6	St. Lawrence	3.8	139.3	83.2-219.3
Chenango	1.2	108.4	39.8-236.7	Saratoga	10.8	206.0	154.7-269.2
Clinton	2.2	134.4	66.9-240.4	Schenectady	6.2	163.7	111.2-232.4
Columbia	2.4	205.0	105.7-359.4	Schoharie	0.6	89.3	17.6-269.2
Cortland	2.4	194.9	98.0-348.5	Schuyler	1.6	426.4	184.0-841.1
Delaware	2.0	243.1	115.7-446.6	Seneca	1.6	208.4	90.0-411.1
Dutchess	13.8	203.9	157.9-259.3	Steuben	3.0	131.3	73.5-216.7
Erie	47.2	219.7	192.5-249.7	Suffolk	88.4	244.0	221.7-267.9
Essex	1.6	230.1	98.9-456.1	Sullivan	2.4	134.3	69.4-234.8
Franklin	2.0	178.4	85.4-329.4	Tioga	2.0	180.7	86.4-333.2
Fulton	3.2	270.3	154.4-439.3	Tompkins	1.6	58.4	22.0-127.7
Genesee	4.0	303.2	185.0-468.8	Ulster	6.8	181.6	125.4-254.7
Greene	2.6	266.0	140.9-459.7	Warren	3.6	273.0	161.7-432.5
Hamilton	0.2	338.3	8.6-1826.6	Washington	2.4	185.5	95.8-324.7
Herkimer	3.4	232.1	135.0-372.9	Wayne	4.0	189.1	115.5-292.1
Jefferson	5.4	186.2	122.1-271.1	Westchester	54.8	226.7	200.6-255.3
Lewis	1.4	211.1	84.9-434.5	Wyoming	2.0	240.4	115.2-442.5
Livingston	2.2	161.6	78.9-293.7	Yates	1.2	191.0	69.9-415.3
Madison	3.4	187.7	107.3-306.3				

Rates are per 1,000,000 children, age-adjusted to the 2000 US standard population, with 95% confidence intervals. Incidence data provisional, November 2021. Rates based on fewer than 4 cases per year are unstable and should be used with caution. Counties with no childhood cancer cases reported are omitted from the table.

**New York State Department of Health, New York State Cancer Registry
Childhood and Adolescent Cancer Incidence by New York City Neighborhood, 0-19 Years Old, 2015-2019**

Borough/Neighborhood	Avg Ann Cases	Rate per 1,000,000	95% CI	Borough/Neighborhood	Avg Ann Cases	Rate per 1,000,000	95% CI
New York State	998.6	214.5	208.6-220.6	Brighton Beach & Coney Island	7.0	298.9	208.0-415.8
New York City	431.0	222.5	213.2-232.2	New York (Manhattan)	64.4	234.3	209.2-261.7
Bronx	85.8	215.3	195.4-236.7	Washington Heights, Inwood & Marble Hill	8.6	187.6	135.6-252.9
Riverdale, Fieldston & Kingsbridge	4.6	181.4	114.6-272.7	Hamilton Heights, Manhattanville & West Harlem	5.2	193.4	125.5-284.8
Wakefield, Williamsbridge & Woodlawn	8.8	230.2	167.3-309.1	Central Harlem	5.6	192.7	127.9-278.3
Co-op City, Pelham Bay & Schuylerville	4.6	187.4	118.8-281.2	East Harlem	5.8	192.5	128.9-276.7
Pelham Parkway, Morris Park & Laconia	7.2	232.8	162.9-322.3	Upper East Side	13.6	465.1	355.0-596.5
Belmont, Crotona Park East & East Tremont	14.0	254.1	198.0-321.1	Upper West Side & West Side	6.4	213.7	143.2-305.5
Bedford Park, Fordham North & Norwood	8.2	222.7	159.5-302.3	Chelsea, Clinton & Midtown Business District	3.4	213.6	121.7-348.6
Morris Heights, Fordham South & Mount Hope	7.4	170.8	120.1-235.5	Murray Hill, Gramercy & Stuyvesant Town	6.8	496.3	337.2-701.7
Concourse, Highbridge & Mount Eden	10.2	233.4	173.5-307.1	Chinatown & Lower East Side	5.2	187.5	121.9-275.9
Castle Hill, Clason Point & Parkchester	10.6	204.8	153.4-267.9	Battery Park City, Greenwich Village & Soho	3.6	195.7	110.4-317.1
Hunts Point, Longwood & Melrose	10.2	210.6	156.7-276.9	Queens	108.2	214.9	197.1-233.9
Kings (Brooklyn)	141.0	219.3	203.2-236.3	Astoria & Long Island City	8.2	263.8	188.6-358.6
Greenpoint & Williamsburg	9.0	242.9	175.0-327.9	Jackson Heights & North Corona	10.2	227.6	168.7-300.2
Bushwick	5.8	167.7	112.1-240.9	Flushing, Murray Hill & Whitestone	11.8	254.5	193.4-328.5
Bedford-Stuyvesant	6.4	149.0	101.3-211.4	Bayside, Douglaston & Little Neck	4.0	170.6	104.1-263.3
Brooklyn Heights & Fort Greene	7.0	306.3	210.4-429.8	Queens Village, Cambria Heights & Rosedale	8.4	188.3	135.7-254.5
Park Slope, Carroll Gardens & Red Hook	4.0	207.0	120.8-328.5	Briarwood, Fresh Meadows & Hillcrest	9.4	258.4	189.4-344.1
Crown Heights North & Prospect Heights	6.0	203.5	136.8-290.8	Elmhurst & South Corona	7.8	222.1	156.9-304.8
Brownsville & Ocean Hill	5.8	151.6	101.5-217.6	Forest Hills & Rego Park	5.6	322.6	211.3-469.0
East New York & Starrett City	7.8	166.6	118.4-227.7	Sunnyside & Woodside	5.4	223.1	145.9-325.3
Canarsie & Flatlands	11.2	221.9	167.6-288.2	Ridgewood, Glendale & Middle Village	8.4	211.3	151.8-286.1
East Flatbush, Farragut & Rugby	5.2	157.1	102.6-230.1	Richmond Hill & Woodhaven	5.4	141.3	92.9-205.9
Crown Heights So., Prospect Lefferts & Wingate	4.0	142.8	86.7-221.7	Jamaica, Hollis & St. Albans	8.8	151.5	110.0-203.3
Sunset Park & Windsor Terrace	10.6	280.4	208.3-368.8	Howard Beach & Ozone Park	7.6	251.9	178.2-345.7
Bay Ridge & Dyker Heights	7.6	309.0	217.5-425.0	Far Rockaway, Breezy Point & Broad Channel	6.8	204.4	141.2-286.1
Borough Park, Kensington & Ocean Parkway	16.6	266.3	210.0-332.7	Richmond (Staten Island)	31.6	275.5	234.2-322.0
Flatbush & Midwood	9.6	229.8	169.1-304.9	Tottenville, Great Kills & Annadale	10.6	284.7	213.2-372.6
Sheepshead Bay, Gerritsen Beach & Homecrest	6.4	188.6	128.6-266.6	New Springville & South Beach	6.6	222.0	152.8-311.9
Bensonhurst & Bath Beach	11.0	281.6	211.6-366.9	Port Richmond, Stapleton & Mariner's Harbor	14.4	301.7	236.0-379.9

Rates are per 1,000,000 children, age-adjusted to the 2000 US standard population, with 95% confidence intervals. Incidence data provisional, November 2021. Rates based on fewer than 4 cases per year are unstable and should be used with caution. NYC neighborhoods were defined in terms of Public Use Microdata Areas (PUMAs). PUMAs approximate NYC Community Districts (CDs). For more information about PUMAs, please refer to <http://www1.nyc.gov/site/planning/data-maps/nyc-population/geographic-reference.page>.