

New York State Department of Health, New York State Cancer Registry
Cancer Incidence among Children and Adolescents, 2016-2020
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	278.4	243.9	152.8	136.2	209.8	188.1	334.8	282.0	641.0	188.5	182.0-195.2	975.8	212.0	206.1-218.1
I Leukemias, myeloproliferative and myelodysplastic diseases	89.2	78.1	44.0	39.2	42.8	38.4	51.4	43.3	176.0	51.5	48.1-55.0	227.4	49.4	46.6-52.4
I(a) Lymphoid leukemias	66.0	57.8	36.2	32.3	25.4	22.8	25.2	21.2	127.6	37.3	34.4-40.3	152.8	33.2	30.9-35.7
I(b) Acute myeloid leukemia	14.8	13.0	3.8	3.4	10.2	9.1	15.6	13.1	28.8	8.4	7.1-9.9	44.4	9.6	8.4-11.0
II Lymphomas and reticuloendothelial neoplasms	21.6	18.9	24.6	21.9	36.6	32.8	75.6	63.7	82.8	24.7	22.3-27.2	158.4	34.5	32.1-37.0
II(a) Hodgkin lymphoma	1.2	1.1	2.8	2.5	15.0	13.5	46.2	38.9	19.0	5.8	4.7-7.0	65.2	14.1	12.6-15.7
II(b,c,d) Non-Hodgkin lymphomas	20.2	17.7	21.8	19.4	21.6	19.4	28.8	24.3	63.6	18.8	16.8-21.0	92.4	20.2	18.4-22.1
III CNS & misc intracranial & intraspinal neoplasms	49.6	43.4	41.6	37.1	39.0	35.0	26.0	21.9	130.2	38.4	35.5-41.5	156.2	34.3	31.9-36.7
III(a) Ependymomas and choroid plexus tumor	6.6	5.8	2.6	2.3	1.4	1.3	1.8	1.5	10.6	3.1	2.3-4.0	12.4	2.7	2.1-3.4
III(b) Astrocytoma	22.0	19.3	22.0	19.6	20.4	18.3	14.8	12.5	64.4	19.1	17.0-21.3	79.2	17.4	15.7-19.2
III(c) Intracranial and intraspinal embryonal tumors	13.0	11.4	7.4	6.6	6.0	5.4	2.2	1.9	26.4	7.7	6.5-9.2	28.6	6.2	5.3-7.4
III(d) Other gliomas	6.0	5.3	8.6	7.7	10.0	9.0	5.8	4.9	24.6	7.3	6.1-8.7	30.4	6.7	5.7-7.9
IV Neuroblastoma and other peripheral nervous cell tumors	38.6	33.8	6.6	5.9	1.2	1.1	1.2	1.0	46.4	13.2	11.6-15.0	47.6	10.2	8.9-11.5
IV(a) Neuroblastoma and ganglioneuroblastoma	38.6	33.8	6.6	5.9	0.8	0.7	0.8	0.7	46.0	13.1	11.5-14.9	46.8	10.0	8.7-11.3
V Retinoblastoma	16.2	14.2	0.4	0.4	0.2	0.2	0.2	0.2	16.8	4.7	3.8-5.9	17.0	3.6	2.9-4.4
VI Renal tumors	22.8	20.0	6.0	5.3	3.2	2.9	2.4	2.0	32.0	9.2	7.8-10.8	34.4	7.4	6.3-8.6
VI(a) Nephroblastoma and other nonepithelial renal tumor	22.8	20.0	5.6	5.0	1.2	1.1	0.0	0.0	29.6	8.5	7.2-10.0	29.6	6.3	5.4-7.5
VII Hepatic tumors	8.8	7.7	1.0	0.9	0.6	0.5	2.2	1.9	10.4	3.0	2.2-3.9	12.6	2.7	2.1-3.4
VII(a) Hepatoblastoma and mesenchymal tumors of liver	8.4	7.4	0.8	0.7	0.0	0.0	0.2	0.2	9.2	2.6	1.9-3.5	9.4	2.0	1.5-2.7
VIII Malignant bone tumors	1.4	1.2	6.8	6.1	21.6	19.4	24.8	20.9	29.8	9.0	7.6-10.6	54.6	12.0	10.6-13.5
VIII(a) Osteosarcoma	0.0	0.0	3.2	2.9	13.8	12.4	13.4	11.3	17.0	5.2	4.1-6.4	30.4	6.7	5.7-7.9
VIII(c) Ewing tumor and related sarcomas of bone	0.8	0.7	3.0	2.7	6.2	5.6	7.2	6.1	10.0	3.0	2.2-4.0	17.2	3.8	3.0-4.7
IX Soft tissue and other extraosseous sarcomas	16.6	14.5	10.6	9.4	17.2	15.4	23.2	19.5	44.4	13.1	11.4-15.0	67.6	14.7	13.2-16.4
IX(a) Rhabdomyosarcoma	10.2	8.9	5.2	4.6	5.4	4.8	6.8	5.7	20.8	6.1	5.0-7.4	27.6	6.0	5.0-7.1
X Germ cell & trophoblastic tumors & gonadal neoplasms	8.2	7.2	5.0	4.5	10.2	9.1	30.4	25.6	23.4	6.9	5.7-8.3	53.8	11.6	10.3-13.1
X(a) Intracranial and intraspinal germ cell tumor	1.4	1.2	1.4	1.2	4.2	3.8	2.6	2.2	7.0	2.1	1.5-2.9	9.6	2.1	1.6-2.8
X(c) Malignant gonadal germ cell tumor	2.0	1.8	3.0	2.7	5.6	5.0	22.8	19.2	10.6	3.2	2.4-4.2	33.4	7.2	6.2-8.4
XI Other malignant epithelial neoplasms and malignant melanomas	3.0	2.6	5.4	4.8	36.0	32.3	95.6	80.5	44.4	13.5	11.7-15.3	140.0	30.3	28.1-32.7
XI(b) Thyroid carcinoma	0.8	0.7	1.4	1.2	15.4	13.8	56.4	47.5	17.6	5.3	4.3-6.6	74.0	16.0	14.4-17.7
XI(d) Malignant melanoma	1.4	1.2	0.8	0.7	2.8	2.5	6.4	5.4	5.0	1.5	1.0-2.2	11.4	2.5	1.9-3.2
XII Other and unspecified malignant neoplasms	2.0	1.8	0.8	0.7	0.8	0.7	1.8	1.5	3.6	1.0	0.6-1.7	5.4	1.2	0.8-1.7

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 2022. 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	129.2	241.5	69.8	143.8	87.2	194.2	131.6	296.7	286.2	192.3	182.4-202.5	417.8	218.5	209.2-228.1
I Leukemias, myeloproliferative and myelodysplastic diseases	42.2	78.9	20.6	42.4	20.6	45.9	24.4	55.0	83.4	55.4	50.2-61.1	107.8	55.3	50.7-60.2
I(a) Lymphoid leukemias	29.2	54.6	16.8	34.6	12.8	28.5	14.0	31.6	58.8	39.1	34.8-43.9	72.8	37.2	33.5-41.3
I(b) Acute myeloid leukemia	6.8	12.7	1.6	3.3	3.4	7.6	6.6	14.9	11.8	7.8	5.9-10.1	18.4	9.6	7.7-11.7
II Lymphomas and reticuloendothelial neoplasms	10.6	19.8	12.6	25.9	14.0	31.2	29.8	67.2	37.2	25.8	22.2-29.7	67.0	36.2	32.4-40.3
II(a) Hodgkin lymphoma	0.8	1.5	1.4	2.9	4.4	9.8	16.4	37.0	6.6	4.8	3.3-6.7	23.0	12.9	10.6-15.5
II(b,c,d) Non-Hodgkin lymphomas	9.6	17.9	11.2	23.1	9.6	21.4	13.0	29.3	30.4	20.8	17.6-24.4	43.4	23.0	20.0-26.2
III CNS & misc intracranial & intraspinal neoplasms	20.8	38.9	15.4	31.7	16.8	37.4	10.0	22.5	53.0	36.0	31.8-40.6	63.0	32.6	29.1-36.4
III(a) Ependymomas and choroid plexus tumor	2.6	4.9	0.4	0.8	0.6	1.3	0.6	1.4	3.6	2.3	1.4-3.7	4.2	2.1	1.3-3.2
III(b) Astrocytoma	8.4	15.7	7.6	15.7	8.2	18.3	4.6	10.4	24.2	16.6	13.7-19.8	28.8	15.0	12.7-17.7
III(c) Intracranial and intraspinal embryonal tumors	5.2	9.7	3.4	7.0	2.8	6.2	1.2	2.7	11.4	7.6	5.7-9.8	12.6	6.4	4.9-8.2
III(d) Other gliomas	3.4	6.4	3.2	6.6	4.6	10.2	2.8	6.3	11.2	7.8	5.9-10.1	14.0	7.4	5.8-9.4
IV Neuroblastoma and other peripheral nervous cell tumors	17.6	32.9	4.2	8.6	0.4	0.9	0.6	1.4	22.2	13.7	11.3-16.5	22.8	10.6	8.7-12.7
IV(a) Neuroblastoma and ganglioneuroblastoma	17.6	32.9	4.2	8.6	0.4	0.9	0.4	0.9	22.2	13.7	11.3-16.5	22.6	10.5	8.6-12.6
V Retinoblastoma	9.2	17.2	0.2	0.4	0.2	0.4	0.0	0.0	9.6	5.7	4.2-7.6	9.6	4.3	3.2-5.7
VI Renal tumors	10.0	18.7	2.0	4.1	1.4	3.1	1.0	2.3	13.4	8.5	6.6-10.8	14.4	6.9	5.4-8.7
VI(a) Nephroblastoma and other nonepithelial renal tumor	10.0	18.7	1.8	3.7	0.4	0.9	0.0	0.0	12.2	7.6	5.8-9.8	12.2	5.7	4.3-7.3
VII Hepatic tumors	3.8	7.1	0.2	0.4	0.4	0.9	1.0	2.3	4.4	2.7	1.7-4.1	5.4	2.6	1.7-3.8
VII(a) Hepatoblastoma and mesenchymal tumors of liver	3.8	7.1	0.0	0.0	0.0	0.0	0.2	0.5	3.8	2.3	1.4-3.6	4.0	1.8	1.1-2.8
VIII Malignant bone tumors	1.0	1.9	4.2	8.6	9.4	20.9	9.6	21.6	14.6	10.7	8.3-13.4	24.2	13.4	11.1-16.0
VIII(a) Osteosarcoma	0.0	0.0	2.0	4.1	6.2	13.8	5.4	12.2	8.2	6.1	4.4-8.2	13.6	7.6	5.9-9.6
VIII(c) Ewing tumor and related sarcomas of bone	0.4	0.7	1.6	3.3	2.0	4.5	3.2	7.2	4.0	2.9	1.8-4.4	7.2	4.0	2.8-5.5
IX Soft tissue and other extraosseous sarcomas	8.0	15.0	5.4	11.1	7.8	17.4	9.0	20.3	21.2	14.5	11.8-17.5	30.2	15.9	13.5-18.7
IX(a) Rhabdomyosarcoma	4.8	9.0	2.6	5.4	1.8	4.0	1.6	3.6	9.2	6.0	4.4-8.1	10.8	5.4	4.1-7.1
X Germ cell & trophoblastic tumors & gonadal neoplasms	3.8	7.1	2.4	4.9	5.0	11.1	12.0	27.1	11.2	7.7	5.8-10.0	23.2	12.6	10.4-15.1
X(a) Intracranial and intraspinal germ cell tumor	0.4	0.7	0.6	1.2	2.0	4.5	0.8	1.8	3.0	2.2	1.2-3.6	3.8	2.1	1.2-3.2
X(c) Malignant gonadal germ cell tumor	1.4	2.6	1.4	2.9	2.8	6.2	8.6	19.4	5.6	3.9	2.6-5.7	14.2	7.8	6.1-9.9
XI Other malignant epithelial neoplasms and malignant melanomas	1.4	2.6	2.2	4.5	10.8	24.1	33.8	76.2	14.4	10.5	8.2-13.2	48.2	27.0	23.7-30.7
XI(b) Thyroid carcinoma	0.4	0.7	1.0	2.1	4.8	10.7	19.4	43.7	6.2	4.6	3.1-6.5	25.6	14.4	12.0-17.1
XI(d) Malignant melanoma	0.4	0.7	0.0	0.0	0.0	0.0	1.6	3.6	0.4	0.2	0.0-0.9	2.0	1.1	0.5-2.0
XII Other and unspecified malignant neoplasms	0.4	0.7	0.4	0.8	0.2	0.4	0.4	0.9	1.0	0.7	0.2-1.6	1.4	0.7	0.3-1.5

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 2022. 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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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 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	148.6	245.0	82.8	130.1	122.2	183.4	203.0	273.0	353.6	185.4	176.9-194.3	556.6	207.5	199.8-215.4
I Leukemias, myeloproliferative and myelodysplastic diseases	46.8	77.1	23.4	36.8	22.2	33.3	27.0	36.3	92.4	48.5	44.2-53.1	119.4	45.4	41.9-49.2
I(a) Lymphoid leukemias	36.6	60.3	19.4	30.5	12.6	18.9	11.2	15.1	68.6	36.0	32.3-40.1	79.8	30.8	27.8-33.9
I(b) Acute myeloid leukemia	8.0	13.2	2.2	3.5	6.8	10.2	9.0	12.1	17.0	8.9	7.1-11.0	26.0	9.7	8.1-11.5
II Lymphomas and reticuloendothelial neoplasms	11.0	18.1	11.8	18.5	22.4	33.6	45.6	61.3	45.2	23.6	20.6-26.8	90.8	33.1	30.1-36.3
II(a) Hodgkin lymphoma	0.4	0.7	1.4	2.2	10.4	15.6	29.6	39.8	12.2	6.3	4.8-8.1	41.8	14.7	12.8-16.8
II(b,c,d) Non-Hodgkin lymphomas	10.6	17.5	10.4	16.3	12.0	18.0	15.8	21.3	33.0	17.3	14.7-20.1	48.8	18.3	16.1-20.7
III CNS & misc intracranial & intraspinal neoplasms	28.6	47.1	26.2	41.2	22.2	33.3	16.0	21.5	77.0	40.5	36.5-44.7	93.0	35.7	32.5-39.1
III(a) Ependymomas and choroid plexus tumor	4.0	6.6	2.2	3.5	0.8	1.2	1.2	1.6	7.0	3.7	2.6-5.2	8.2	3.2	2.3-4.3
III(b) Astrocytoma	13.4	22.1	14.4	22.6	12.2	18.3	10.2	13.7	40.0	21.0	18.2-24.1	50.2	19.2	16.9-21.7
III(c) Intracranial and intraspinal embryonal tumors	7.8	12.9	4.0	6.3	3.2	4.8	1.0	1.3	15.0	7.9	6.2-9.9	16.0	6.3	5.0-7.8
III(d) Other gliomas	2.6	4.3	5.4	8.5	5.4	8.1	3.0	4.0	13.4	7.0	5.4-8.9	16.4	6.3	5.0-7.8
IV Neuroblastoma and other peripheral nervous cell tumors	21.0	34.6	2.4	3.8	0.8	1.2	0.6	0.8	24.2	13.0	10.7-15.5	24.8	9.9	8.2-11.8
IV(a) Neuroblastoma and ganglioneuroblastoma	21.0	34.6	2.4	3.8	0.4	0.6	0.4	0.5	23.8	12.7	10.6-15.3	24.2	9.7	8.0-11.6
V Retinoblastoma	7.0	11.5	0.2	0.3	0.0	0.0	0.2	0.3	7.2	3.9	2.7-5.4	7.4	3.0	2.1-4.1
VI Renal tumors	12.8	21.1	4.0	6.3	1.8	2.7	1.4	1.9	18.6	9.8	7.9-12.1	20.0	7.8	6.4-9.5
VI(a) Nephroblastoma and other nonepithelial renal tumor	12.8	21.1	3.8	6.0	0.8	1.2	0.0	0.0	17.4	9.2	7.4-11.4	17.4	6.9	5.5-8.5
VII Hepatic tumors	5.0	8.2	0.8	1.3	0.2	0.3	1.2	1.6	6.0	3.2	2.2-4.6	7.2	2.8	2.0-3.9
VII(a) Hepatoblastoma and mesenchymal tumors of liver	4.6	7.6	0.8	1.3	0.0	0.0	0.0	0.0	5.4	2.9	1.9-4.2	5.4	2.2	1.4-3.1
VIII Malignant bone tumors	0.4	0.7	2.6	4.1	12.2	18.3	15.2	20.4	15.2	7.8	6.2-9.8	30.4	11.0	9.3-12.9
VIII(a) Osteosarcoma	0.0	0.0	1.2	1.9	7.6	11.4	8.0	10.8	8.8	4.5	3.3-6.1	16.8	6.1	4.9-7.5
VIII(c) Ewing tumor and related sarcomas of bone	0.4	0.7	1.4	2.2	4.2	6.3	4.0	5.4	6.0	3.1	2.1-4.4	10.0	3.7	2.7-4.8
IX Soft tissue and other extraosseous sarcomas	8.4	13.8	5.2	8.2	9.4	14.1	14.2	19.1	23.0	12.1	10.0-14.5	37.2	13.8	11.9-16.0
IX(a) Rhabdomyosarcoma	5.4	8.9	2.6	4.1	3.6	5.4	5.2	7.0	11.6	6.1	4.6-7.9	16.8	6.3	5.0-7.8
X Germ cell & trophoblastic tumors & gonadal neoplasms	4.4	7.3	2.6	4.1	5.2	7.8	18.4	24.7	12.2	6.4	4.9-8.2	30.6	11.0	9.3-12.9
X(a) Intracranial and intraspinal germ cell tumor	1.0	1.6	0.8	1.3	2.2	3.3	1.8	2.4	4.0	2.1	1.3-3.2	5.8	2.2	1.5-3.1
X(c) Malignant gonadal germ cell tumor	0.6	1.0	1.6	2.5	2.8	4.2	14.2	19.1	5.0	2.6	1.7-3.8	19.2	6.8	5.5-8.3
XI Other malignant epithelial neoplasms and malignant melanomas	1.6	2.6	3.2	5.0	25.0	37.5	61.8	83.1	29.8	15.3	13.0-18.0	91.6	32.4	29.5-35.5
XI(b) Thyroid carcinoma	0.4	0.7	0.4	0.6	10.4	15.6	37.0	49.8	11.2	5.7	4.3-7.4	48.2	16.8	14.8-19.1
XI(d) Malignant melanoma	1.0	1.6	0.8	1.3	2.8	4.2	4.8	6.5	4.6	2.4	1.5-3.6	9.4	3.4	2.5-4.5
XII Other and unspecified malignant neoplasms	1.6	2.6	0.4	0.6	0.6	0.9	1.4	1.9	2.6	1.4	0.7-2.3	4.0	1.5	0.9-2.3

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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	20.2	17.7	22.0	19.6	23.8	21.3	34.4	29.0	66.0	19.6	17.5-21.8	100.4	21.9	20.1-24.0
Bones & joints	0.4	0.4	0.6	0.5	3.2	2.9	8.8	7.4	4.2	1.3	0.8-1.9	13.0	2.8	2.2-3.6
Soft tissue (including heart)	2.0	1.8	2.4	2.1	2.2	2.0	3.4	2.9	6.6	2.0	1.3-2.7	10.0	2.2	1.6-2.9
Kidney and renal pelvis	0.8	0.7	0.2	0.2	0.4	0.4	0.8	0.7	1.4	0.4	0.2-0.8	2.2	0.5	0.2-0.9
Malignant brain / other central nervous system	4.4	3.9	10.4	9.3	8.8	7.9	6.6	5.6	23.6	7.1	5.8-8.4	30.2	6.7	5.7-7.8
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0	0.0	0.0-0.2	0.4	0.1	0.0-0.3
Non-Hodgkin lymphomas	0.6	0.5	0.4	0.4	0.6	0.5	1.4	1.2	1.6	0.5	0.2-0.9	3.0	0.7	0.4-1.1
Leukemias	5.6	4.9	3.6	3.2	5.6	5.0	7.0	5.9	14.8	4.4	3.4-5.5	21.8	4.8	3.9-5.7
Acute lymphocytic leukemia	1.6	1.4	2.0	1.8	1.8	1.6	3.8	3.2	5.4	1.6	1.1-2.3	9.2	2.0	1.5-2.7

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. 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, 2016-2020
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	8.8	16.4	9.6	19.8	14.8	33.0	13.8	31.1	33.2	23.2	19.8-27.0	47.0	25.2	22.1-28.6
Bones & joints	0.2	0.4	0.2	0.4	2.2	4.9	3.0	6.8	2.6	1.9	1.0-3.3	5.6	3.1	2.1-4.5
Soft tissue (including heart)	0.8	1.5	1.2	2.5	1.4	3.1	0.6	1.4	3.4	2.4	1.4-3.8	4.0	2.1	1.3-3.3
Kidney and renal pelvis	0.2	0.4	0.0	0.0	0.0	0.0	0.4	0.9	0.2	0.1	0.0-0.7	0.6	0.3	0.1-0.9
Malignant brain / other central nervous system	2.0	3.7	4.4	9.1	5.0	11.1	2.6	5.9	11.4	8.1	6.1-10.4	14.0	7.5	5.8-9.5
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.0	0.0-0.5	0.2	0.1	0.0-0.6
Non-Hodgkin lymphomas	0.0	0.0	0.2	0.4	0.4	0.9	1.0	2.3	0.6	0.4	0.1-1.3	1.6	0.9	0.4-1.8
Leukemias	2.2	4.1	1.4	2.9	3.4	7.6	3.2	7.2	7.0	4.9	3.4-6.8	10.2	5.5	4.1-7.2
Acute lymphocytic leukemia	0.6	1.1	0.6	1.2	1.2	2.7	2.0	4.5	2.4	1.7	0.9-2.9	4.4	2.4	1.5-3.6

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, 2016-2020
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	11.4	18.8	12.4	19.5	9.0	13.5	20.6	27.7	32.8	17.2	14.7-20.1	53.4	19.9	17.5-22.4
Bones & joints	0.2	0.3	0.4	0.6	1.0	1.5	5.8	7.8	1.6	0.8	0.4-1.6	7.4	2.6	1.8-3.6
Soft tissue (including heart)	1.2	2.0	1.2	1.9	0.8	1.2	2.8	3.8	3.2	1.7	1.0-2.7	6.0	2.2	1.5-3.2
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	2.4	4.0	6.0	9.4	3.8	5.7	4.0	5.4	12.2	6.4	4.9-8.2	16.2	6.1	4.9-7.6
Hodgkin lymphoma	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0-0.4	0.2	0.1	0.0-0.4
Non-Hodgkin lymphomas	0.6	1.0	0.2	0.3	0.2	0.3	0.4	0.5	1.0	0.5	0.2-1.2	1.4	0.5	0.2-1.1
Leukemias	3.4	5.6	2.2	3.5	2.2	3.3	3.8	5.1	7.8	4.1	2.9-5.6	11.6	4.4	3.3-5.6
Acute lymphocytic leukemia	1.0	1.6	1.4	2.2	0.6	0.9	1.8	2.4	3.0	1.6	0.9-2.6	4.8	1.8	1.1-2.7

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. 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, 2016-2020**

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	975.8	212.0	206.1-218.1	Monroe	30.0	167.4	141.6-196.5
New York City	417.8	218.5	209.2-228.1	Montgomery	3.6	287.3	170.2-454.3
New York State Excl New York City	556.6	207.5	199.8-215.4	Nassau	74.8	228.3	205.7-252.7
Bronx	83.8	212.9	193.0-234.3	Niagara	11.6	243.7	185.0-315.3
Kings (Brooklyn)	134.8	212.9	197.0-229.8	Oneida	9.4	168.3	123.6-224.0
New York (Manhattan)	62.2	228.4	203.5-255.5	Onondaga	20.8	181.1	147.9-219.6
Queens	105.0	212.2	194.3-231.2	Ontario	3.4	136.0	78.9-218.7
Richmond (Staten Island)	32.0	279.8	238.2-326.7	Orange	23.8	216.2	179.0-258.7
Albany	11.2	157.9	118.8-206.0	Orleans	2.2	248.8	123.9-447.0
Allegany	3.2	254.9	142.9-422.0	Oswego	5.0	171.3	110.5-253.9
Broome	8.0	170.5	121.2-233.6	Otsego	1.4	106.7	40.7-229.0
Cattaraugus	3.8	197.9	119.1-309.5	Putnam	4.4	197.3	123.1-300.7
Cayuga	3.6	217.5	128.8-344.0	Rensselaer	8.6	236.0	170.5-318.5
Chautauqua	6.8	231.6	160.2-323.9	Rockland	23.8	236.9	196.2-283.5
Chemung	5.4	270.6	178.3-394.0	St. Lawrence	3.6	139.0	81.8-220.8
Chenango	1.2	111.4	40.9-243.1	Saratoga	9.8	190.2	140.6-251.9
Clinton	1.8	109.4	49.9-207.8	Schenectady	6.8	180.3	124.8-252.0
Columbia	2.2	191.3	95.3-343.9	Schoharie	1.0	163.2	51.9-382.7
Cortland	2.4	196.6	98.8-351.5	Schuyler	1.0	267.1	86.7-625.1
Delaware	2.0	247.6	117.9-455.1	Seneca	1.4	182.2	73.2-376.2
Dutchess	12.8	194.4	149.0-249.4	Steuben	3.0	134.4	75.2-221.7
Erie	46.4	218.2	191.0-248.2	Suffolk	89.2	250.3	227.6-274.8
Essex	1.4	203.3	81.4-422.2	Sullivan	2.8	157.2	85.9-263.9
Franklin	1.8	161.8	73.8-308.5	Tioga	1.4	128.2	51.4-265.3
Fulton	3.2	274.6	156.9-446.2	Tompkins	2.4	99.6	47.3-185.6
Genesee	3.8	287.5	173.0-449.8	Ulster	7.6	206.4	145.7-284.2
Greene	2.0	213.0	101.6-395.1	Warren	3.6	277.6	164.4-439.6
Hamilton	0.2	352.5	8.9-1911.9	Washington	2.6	204.0	108.5-349.6
Herkimer	3.0	202.4	113.1-335.7	Wayne	3.2	152.9	87.4-248.4
Jefferson	5.0	176.6	113.7-260.8	Westchester	54.4	228.2	201.8-257.0
Lewis	0.6	91.9	18.9-267.7	Wyoming	1.8	216.3	98.9-411.6
Livingston	2.4	171.1	86.4-304.7	Yates	0.8	123.3	33.4-317.0
Madison	3.2	187.1	105.2-308.3				

Rates are per 1,000,000 children, age-adjusted to the 2000 US standard population, with 95% confidence intervals. Incidence data provisional, November 2022. 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, 2016-2020**

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	975.8	212.0	206.1-218.1	Brighton Beach & Coney Island	6.0	258.3	174.1-368.9
New York City	417.8	218.5	209.2-228.1	New York (Manhattan)	62.2	228.4	203.5-255.5
Bronx	83.8	212.9	193.0-234.3	Washington Heights, Inwood & Marble Hill	7.2	162.5	113.7-225.1
Riverdale, Fieldston & Kingsbridge	6.0	243.4	163.8-347.9	Hamilton Heights, Manhattanville & West Harlem	4.4	163.3	101.6-248.6
Wakefield, Williamsbridge & Woodlawn	8.4	222.8	160.6-301.2	Central Harlem	5.8	201.6	135.0-289.4
Co-op City, Pelham Bay & Schuylerville	4.4	181.7	113.9-275.1	East Harlem	6.2	208.3	141.4-295.8
Pelham Parkway, Morris Park & Laconia	5.4	176.0	115.8-256.1	Upper East Side	13.2	451.3	343.0-581.2
Belmont, Crotona Park East & East Tremont	12.2	223.9	171.3-287.7	Upper West Side & West Side	7.4	255.6	177.1-355.6
Bedford Park, Fordham North & Norwood	8.2	224.2	160.6-304.2	Chelsea, Clinton & Midtown Business District	3.0	181.4	99.9-305.2
Morris Heights, Fordham South & Mount Hope	7.8	182.3	129.5-249.3	Murray Hill, Gramercy & Stuyvesant Town	6.8	498.9	339.3-704.9
Concourse, Highbridge & Mount Eden	10.0	231.1	171.3-304.8	Chinatown & Lower East Side	4.6	163.7	103.2-247.3
Castle Hill, Clason Point & Parkchester	11.2	219.3	165.6-284.8	Battery Park City, Greenwich Village & Soho	3.4	178.9	99.5-293.7
Hunts Point, Longwood & Melrose	10.2	212.4	158.1-279.3	Queens	105.0	212.2	194.3-231.2
Kings (Brooklyn)	134.8	212.9	197.0-229.8	Astoria & Long Island City	8.0	263.1	187.4-358.7
Greenpoint & Williamsburg	8.2	229.2	162.3-313.8	Jackson Heights & North Corona	8.6	195.8	141.0-264.5
Bushwick	5.4	158.1	104.0-230.0	Flushing, Murray Hill & Whitestone	11.4	250.1	189.1-324.3
Bedford-Stuyvesant	6.8	166.1	114.4-233.0	Bayside, Douglaston & Little Neck	3.0	128.4	71.8-211.7
Brooklyn Heights & Fort Greene	7.4	332.2	231.0-461.6	Queens Village, Cambria Heights & Rosedale	9.0	204.6	149.2-273.7
Park Slope, Carroll Gardens & Red Hook	4.6	245.4	148.5-378.8	Briarwood, Fresh Meadows & Hillcrest	8.8	242.9	176.0-326.6
Crown Heights North & Prospect Heights	5.2	178.1	115.9-261.1	Elmhurst & South Corona	7.2	207.5	144.4-288.4
Brownsville & Ocean Hill	4.8	126.9	81.2-188.7	Forest Hills & Rego Park	4.6	280.8	175.7-422.2
East New York & Starrett City	5.8	124.9	83.6-179.4	Sunnyside & Woodside	6.2	264.1	178.4-375.3
Canarsie & Flatlands	10.4	208.0	155.3-272.8	Ridgewood, Glendale & Middle Village	8.2	210.9	150.9-286.5
East Flatbush, Farragut & Rugby	4.4	133.5	83.6-202.1	Richmond Hill & Woodhaven	6.0	160.7	108.3-229.7
Crown Heights So., Prospect Lefferts & Wingate	3.6	133.2	78.3-211.5	Jamaica, Hollis & St. Albans	10.2	177.8	132.4-233.8
Sunset Park & Windsor Terrace	9.0	242.0	175.0-325.6	Howard Beach & Ozone Park	7.4	248.4	174.9-342.4
Bay Ridge & Dyker Heights	8.0	322.4	229.1-440.1	Far Rockaway, Breezy Point & Broad Channel	6.2	192.7	130.6-273.6
Borough Park, Kensington & Ocean Parkway	18.0	295.2	235.2-365.5	Richmond (Staten Island)	32.0	279.8	238.2-326.7
Flatbush & Midwood	8.0	196.3	139.9-267.3	Tottenville, Great Kills & Annadale	10.2	273.5	203.6-359.8
Sheepshead Bay, Gerritsen Beach & Homecrest	7.6	227.9	160.8-313.2	New Springville & South Beach	7.2	243.4	170.4-337.0
Bensonhurst & Bath Beach	11.6	303.0	229.6-392.1	Port Richmond, Stapleton & Mariner's Harbor	14.6	305.9	239.8-384.7

Rates are per 1,000,000 children, age-adjusted to the 2000 US standard population, with 95% confidence intervals. Incidence data provisional, November 2022. 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>.