

# Age-Adjusted Childhood Cancer Incidence Rates<sup>1</sup>, Ages 0 to 19, Georgia, 2013-2022

|                                                                                                   | Both Sexes |       | Males |       | Females |       |
|---------------------------------------------------------------------------------------------------|------------|-------|-------|-------|---------|-------|
|                                                                                                   | Cases      | Rate  | Cases | Rate  | Cases   | Rate  |
| All ICCC <sup>2</sup> Groups Combined Excluding Group III and Subgroup Xa Benign Brain/CNS Tumors | 5055       | 179.9 | 2666  | 186.0 | 2386    | 173.4 |
| All ICCC Groups Combined Including Group III and Subgroup Xa Benign Brain/CNS Tumors              | 5810       | 206.5 | 2976  | 207.5 | 2829    | 205.0 |
| I - Leukemias, Myeloproliferative & Myelodysplastic Diseases                                      | 1241       | 44.7  | 669   | 47.2  | 571     | 42.0  |
| ia - Lymphoid leukemias                                                                           | 800        | 29.0  | 443   | 31.4  | 357     | 26.5  |
| ib - Acute myeloid leukemias                                                                      | 232        | 8.3   | 109   | 7.6   | 123     | 9.0   |
| ic - Chronic myeloproliferative diseases                                                          | 79         | 2.7   | 38    | 2.6   | 40      | 2.8   |
| id - Myelodysplastic syndrome & other myeloproliferative diseases                                 | 61         | 2.2   | 37    | 2.6   | 24      | 1.8   |
| ie - Unspecified and other specified leukemias                                                    | 69         | 2.5   | 42    | 3.0   | 27      | 2.0   |
| II - Lymphomas & Reticuloendothelial Neoplasms                                                    | 875        | 30.7  | 544   | 37.5  | 330     | 23.6  |
| iia - Hodgkin lymphomas                                                                           | 317        | 10.9  | 169   | 11.5  | 148     | 10.4  |
| iib - Non-Hodgkin lymphomas (except Burkitt)                                                      | 367        | 13.0  | 245   | 16.9  | 121     | 8.8   |
| iic - Burkitt lymphoma                                                                            | 54         | 1.9   | 43    | 3.0   | 11      | ~     |
| iid - Miscellaneous lymphoreticular neoplasms                                                     | 121        | 4.4   | ***   | ~     | ***     | ~     |
| iie - Unspecified lymphomas                                                                       | 16         | 0.6   | ***   | ~     | <5      | ~     |
| III - Central Nervous System & Miscellaneous Intracranial & Intraspinial Neoplasms <sup>3</sup>   | 1511       | 53.7  | 707   | 49.4  | 802     | 58.0  |
| iiia - Ependymomas and choroid plexus tumor <sup>3</sup>                                          | 101        | 3.6   | 54    | 3.8   | 47      | 3.5   |
| iiib - Astrocytomas <sup>3</sup>                                                                  | 485        | 17.4  | 247   | 17.3  | 238     | 17.5  |
| iiic - Intracranial and intraspinal embryonal tumors <sup>3</sup>                                 | 141        | 5.1   | 73    | 5.2   | 68      | 5.1   |
| iiid - Other gliomas <sup>3</sup>                                                                 | 149        | 5.3   | 75    | 5.3   | 74      | 5.4   |
| iiie - Other specified intracranial and intraspinal neoplasms <sup>3</sup>                        | 557        | 19.4  | 211   | 14.5  | 344     | 24.4  |
| iiif - Unspecified intracranial and intraspinal neoplasms <sup>3</sup>                            | 78         | 2.8   | 47    | 3.3   | 31      | 2.2   |
| IV - Neuroblastoma & Other Peripheral Nervous Cell Tumors                                         | 254        | 9.4   | 139   | 10.1  | 115     | 8.6   |
| V - Retinoblastomas                                                                               | 88         | 3.3   | 44    | 3.2   | 44      | 3.3   |
| VI - Renal Tumors                                                                                 | 221        | 8.1   | 100   | 7.2   | 121     | 9.1   |
| via - Nephroblastoma and other nonepithelial renal tumors                                         | 195        | 7.2   | 88    | 6.4   | 107     | 8.1   |
| vib - Renal carcinomas                                                                            | ***        | ~     | ***   | ~     | ***     | ~     |
| vic - Unspecified malignant renal tumors                                                          | <5         | ~     | <5    | ~     | <5      | ~     |
| VII - Hepatic Tumors                                                                              | 63         | 2.3   | 38    | 2.7   | 25      | 1.9   |
| viia - Hepatoblastoma                                                                             | 47         | 1.7   | 30    | 2.2   | 17      | 1.3   |
| viib - Hepatic carcinomas                                                                         | ***        | ~     | ***   | ~     | ***     | ~     |
| viic - Unspecified malignant hepatic tumors                                                       | <5         | ~     | <5    | ~     | <5      | ~     |
| VIII - Malignant Bone Tumors                                                                      | 244        | 8.5   | 127   | 8.6   | 117     | 8.4   |
| viia - Osteosarcomas                                                                              | 156        | 5.4   | 82    | 5.6   | 74      | 5.3   |
| viib - Chondrosarcomas                                                                            | 8          | ~     | <5    | ~     | <5      | ~     |
| viic - Ewing tumor and related sarcomas of bone                                                   | 68         | 2.4   | 35    | 2.4   | 33      | 2.4   |
| viid - Other specified malignant bone tumors                                                      | ***        | ~     | <5    | ~     | 5       | ~     |
| viie - Unspecified malignant bone tumors                                                          | <5         | ~     | <5    | ~     | <5      | ~     |
| IX - Soft Tissue & Other Extrasosseous Sarcomas                                                   | 353        | 12.5  | 193   | 13.4  | 159     | 11.5  |
| ixa - Rhabdomyosarcomas                                                                           | 131        | 4.7   | 74    | 5.2   | 57      | 4.2   |
| ixb - Fibrosarcomas, peripheral nerve sheath & other fibromatous neoplasms                        | 25         | 0.9   | 15    | ~     | 9       | ~     |
| ixc - Kaposi sarcoma                                                                              | <5         | ~     | <5    | ~     | <5      | ~     |
| ixd - Other specified soft tissue sarcomas                                                        | 138        | 4.8   | 71    | 4.9   | 67      | 4.8   |
| ixe - Unspecified soft tissue sarcomas                                                            | ***        | ~     | ***   | ~     | ***     | ~     |
| X - Germ Cell & Trophoblastic Tumors & Neoplasms of Gonads <sup>3</sup>                           | 321        | 11.2  | 172   | 11.7  | 149     | 10.8  |
| xa - Intracranial and intraspinal germ cell tumors <sup>3</sup>                                   | 60         | 2.1   | 34    | 2.3   | 26      | 1.9   |
| xb - Malignant extracranial and extragonadal germ cell tumors                                     | 45         | 1.6   | 16    | 1.1   | 29      | 2.2   |
| xc - Malignant gonadal germ cell tumors                                                           | 191        | 6.6   | 119   | 8.0   | 72      | 5.1   |
| xd - Gonadal carcinomas                                                                           | 12         | ~     | <5    | ~     | ***     | ~     |
| xe - Other and unspecified malignant gonadal tumors                                               | 13         | ~     | <5    | ~     | ***     | ~     |
| XI - Other Malignant Epithelial Neoplasms & Malignant Melanomas                                   | 609        | 21.0  | 229   | 15.5  | 380     | 26.7  |
| xia - Adrenocortical carcinomas                                                                   | 11         | ~     | 6     | ~     | 5       | ~     |
| xib - Thyroid carcinomas                                                                          | 237        | 8.1   | 65    | 4.4   | 172     | 12.0  |
| xic - Nasopharyngeal carcinomas                                                                   | 17         | 0.6   | 11    | ~     | 6       | ~     |
| xid - Malignant melanomas                                                                         | 105        | 3.6   | 41    | 2.8   | 64      | 4.5   |
| xie - Skin carcinomas                                                                             | <5         | ~     | <5    | ~     | <5      | ~     |
| xif - Other and unspecified carcinomas                                                            | ***        | ~     | ***   | ~     | ***     | ~     |
| XII - Other & Unspecified Malignant Neoplasms                                                     | 30         | 1.1   | 14    | ~     | 16      | 1.2   |

<sup>1</sup> Average annual rate per million, age-adjusted to the 2000 US standard population

<sup>2</sup> International Classification of Childhood Cancer (ICCC) based on ICD-O-3/WHO 2008

<sup>3</sup> Group III, Group III subgroups, and subgroup Xa include benign brain/CNS tumors.

~ Rates are not calculated where the count is less than sixteen.

\*\*\* Counts less than five and those that allow calculation of counts less than five are concealed for confidentiality purposes.

Note: Due to the COVID-19 pandemic, Georgia and the United States experienced a decrease in cancer diagnoses in 2020.

This drop in incidence was estimated to be about 7-10% as compared to previous years.

Suggested Citation: Georgia Department of Public Health, Georgia Comprehensive Cancer Registry, 2024



## Age-Specific Childhood Cancer Incidence Rates<sup>1</sup>, Ages 0 to 19, Georgia, 2013-2022

|                                                                                                   | <u>Age &lt;1</u> |       | <u>Ages 1 to 4</u> |       | <u>Ages 5-9</u> |       | <u>Ages 10-14</u> |       | <u>Ages 15-19</u> |       |
|---------------------------------------------------------------------------------------------------|------------------|-------|--------------------|-------|-----------------|-------|-------------------|-------|-------------------|-------|
|                                                                                                   | Cases            | Rate  | Cases              | Rate  | Cases           | Rate  | Cases             | Rate  | Cases             | Rate  |
| All ICCC <sup>2</sup> Groups Combined Excluding Group III and Subgroup Xa Benign Brain/CNS Tumors | 314              | 249.6 | 1158               | 222.2 | 887             | 128.7 | 1087              | 148.1 | 1609              | 218.0 |
| All ICCC Groups Combined Including Group III and Subgroup Xa Benign Brain/CNS Tumors              | 339              | 269.5 | 1246               | 239.1 | 1023            | 148.4 | 1264              | 172.2 | 1938              | 262.6 |
| I - Leukemias, Myeloproliferative & Myelodysplastic Diseases                                      | 60               | 47.7  | 419                | 80.4  | 268             | 38.9  | 259               | 35.3  | 235               | 31.8  |
| ia - Lymphoid leukemias                                                                           | 26               | 20.7  | 313                | 60.1  | 207             | 30.0  | 152               | 20.7  | 102               | 13.8  |
| ib - Acute myeloid leukemias                                                                      | 15               | ~     | 67                 | 12.9  | 31              | 4.5   | 53                | 7.2   | 66                | 8.9   |
| II - Lymphomas & Reticuloendothelial Neoplasms                                                    | 16               | 12.7  | 117                | 22.4  | 141             | 20.5  | 220               | 30.0  | 381               | 51.6  |
| III - CNS & Miscellaneous Intracranial & Intraspinal Neoplasms <sup>3</sup>                       | 66               | 52.5  | 280                | 53.7  | 352             | 51.1  | 346               | 47.1  | 467               | 63.3  |
| IV - Neuroblastoma & Other Peripheral Nervous Cell Tumors                                         | 69               | 54.9  | 122                | 23.4  | 38              | 5.5   | 14                | ~     | 11                | ~     |
| V - Retinoblastomas                                                                               | 39               | 31.0  | 41                 | 7.9   | 8               | ~     | <5                | ~     | <5                | ~     |
| VI - Renal Tumors                                                                                 | 25               | 19.9  | 114                | 21.9  | 47              | 6.8   | 19                | 2.6   | 16                | 2.2   |
| VII - Hepatic Tumors                                                                              | 11               | ~     | 34                 | 6.5   | ***             | ~     | <5                | ~     | 8                 | ~     |
| VIII - Malignant Bone Tumors                                                                      | <5               | ~     | <5                 | ~     | 47              | 6.8   | 102               | 13.9  | 91                | 12.3  |
| IX - Soft Tissue & Other Extraosseous Sarcomas                                                    | 14               | ~     | 66                 | 12.7  | 54              | 7.8   | 106               | 14.4  | 113               | 15.3  |
| X - Germ Cell & Trophoblastic Tumors & Neoplasms of Gonads <sup>3</sup>                           | 31               | 24.6  | 26                 | 5.0   | 26              | 3.8   | 49                | 6.7   | 189               | 25.6  |
| XI - Other Malignant Epithelial Neoplasms & Malignant Melanomas                                   | 6                | ~     | 15                 | ~     | 32              | 4.6   | 140               | 19.1  | 416               | 56.4  |
| XII - Other & Unspecified Malignant Neoplasms                                                     | <5               | ~     | ***                | ~     | <5              | ~     | 5                 | ~     | ***               | ~     |

<sup>1</sup> Average annual rate per million

<sup>2</sup> International Classification of Childhood Cancer (ICCC) based on ICD-O-3/WHO 2008

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