

[Astrocytoma - Childhood - Statistics](#) [1]

This section has been reviewed and approved by the [Cancer.Net Editorial Board](#) [2], 03/2016

ON THIS PAGE: You will find information about how many children are diagnosed with astrocytoma each year. You will also learn some general information on surviving the disease. Remember, survival rates depend on several factors. To see other pages, use the menu.

Approximately 4,000 CNS tumors are diagnosed each year in children younger than 20. About 35% of childhood brain tumors are astrocytomas.

Children with a type of astrocytoma that is unlikely to spread, called noninfiltrating astrocytoma, generally have a higher 5-year survival rate. The 5-year survival rate tells you what percent of people live at least 5 years after the cancer is found. Percent means how many out of 100.

The 5-year survival rate for children with low-grade astrocytoma is about 85%. For children with high-grade astrocytoma, the 5-year survival rate is about 20%. There are additional factors that affect survival rates, including how much of the tumor can be removed during surgery.

It is important to remember that statistics on how many children survive this type of cancer are an estimate. The estimate comes from data based on thousands of children with this cancer in the United States each year. So, your own child's risk may be different. Doctors cannot say for sure how long any child will live with astrocytoma. Also, experts measure the survival statistics every 5 years. This means that the estimate may not show the results of better diagnosis or treatment available for less than 5 years. Learn more about [understanding statistics](#) [3].

Statistics adapted from the American Cancer Society's (ACS) publication, Cancer Facts and Figures 2014: Special Section – Cancer in Children and Adolescents, and the ACS website.

The [next section in this guide is Medical Illustrations](#) [4]. It offers drawings of body parts often affected by this disease. Or, use the menu to choose another section to continue reading this guide.

Links

[1] <http://www.cancer.net/cancer-types/astrocytoma-childhood/statistics>

[2] <http://www.cancer.net/about-us>

[3] <http://www.cancer.net/node/24961>

[4] <http://www.cancer.net/node/18490>