



2024 Estimates for Sarcomas in the United States

Sarcoma accounts for 1% of adult cancers diagnosed in the United States and 15 to 20% of childhood cancers.¹

This year, an estimated 17,560 people in the United States will be diagnosed with sarcoma.²

It is estimated that 7,250 deaths from this disease will occur in the United States this year.²

At any one time, more than 220,000 patients and their families are struggling with sarcoma.^{3,4}

Sarcoma is sometimes treatable by surgery, or by surgery with chemotherapy and/or radiation, but much of the time they are resistant to all these approaches—thus there is a need for new therapeutic options.

Soft Tissue Sarcoma (STS)

This year, an estimated 13,590 people (7,700 men and boys and 5,890 women and girls) in the United States will be diagnosed with STS.⁵

It is estimated that 5,200 deaths (2,760 men and boys and 2,440 women and girls) from this disease will occur in the United States this year.⁵

There are more than 50 subtypes of soft tissue tumors, which can develop in the body's fat, muscles, nerves, tendons, and blood and lymph vessels.^x

Sarcomas are described as being localized, locally advanced, or metastatic when they are first found. Localized means the tumor is only in one area of the body.

Locally advanced means the tumor involves or attaches to nearby tissues or organs. This often means it is not possible to remove the tumor because of its location, size, or the organs it involves.

Metastatic means the sarcoma has spread to parts of the body far away from where the sarcoma started.⁶

Survival Rate

The overall five-year survival rate for soft tissue sarcoma is 65%.

- About 60% of sarcomas are found as a localized sarcoma. The five-year survival rate for people with localized sarcoma is 81%.
- About 18% of sarcomas are found in a locally advanced stage. The five-year survival rate for people with locally advanced sarcoma is 56%.
- About 15% of sarcomas are found in a metastatic stage. The five-year survival rate for people with metastatic sarcoma is 16%.⁶

The length of time a person lives with a soft tissue sarcoma depends on many factors. These factors include the type of STS, the size, where it is located, and how quickly the tumor cells are growing and dividing, called the grade 4. If the sarcoma is found at an early stage and has not spread, surgical treatment is often very effective, and many people are cured. However, if the sarcoma has spread to other parts of the body, treatment can usually control the tumor, but the sarcoma itself is often incurable.

Primary Bone Sarcoma

Primary bone sarcoma is cancer that starts in the bone. Less than 1% of all cancers are primary bone sarcomas.⁷

This year, an estimated 3,970 people of all ages (2,270 men and boys and 1,700 women and girls) in the United States will be diagnosed with primary bone sarcoma.²

There are roughly 6 subtypes of bone sarcomas. The most common forms of bone sarcomas are chondrosarcoma, chordoma, Ewing sarcoma, giant cell tumor of the bone, and osteosarcoma.^x

It is estimated that 2,050 deaths (1,100 men and boys and 950 women and girls) from this disease will occur in the United States this year.²

Survival rates in the United States for bone sarcoma depend on many factors, including the type and stage of bone sarcoma that is diagnosed.

- If the cancer is diagnosed at the localized stage, the five-year survival rate is 84%.
- If the cancer has spread to surrounding tissues or organs and/or the regional lymph nodes, the five-year survival rate is 71%.
- If the cancer has spread to distant parts of the body, the five-year survival rate is 31%.
- If the cancer is unstaged, the five-year survival rate is 62%⁸

1. <https://www.cancer.net/cancer-types/sarcomas-soft-tissue/introduction>
2. <https://cancerstatisticscenter.cancer.org/#!/data-analysis/NewCaseEstimates>
3. https://seer.cancer.gov/statistics-network/explorer/application.html?site=51&data_type=5&graph_type=11&compareBy=age_range&chk_age_range_1=1&chk_age_range_9=9&chk_age_range_141=141&chk_age_range_157=157&series=9&sex=1&advopt_precision=1&hdn_view=1#resultsRegion1
4. https://seer.cancer.gov/statistics-network/explorer/application.html?site=50&data_type=5&graph_type=11&compareBy=age_range&chk_age_range_1=1&chk_age_range_9=9&chk_age_range_141=141&chk_age_range_157=157&series=9&sex=1&advopt_precision=1&hdn_view=1#resultsRegion1
5. <https://www.cancer.org/cancer/soft-tissue-sarcoma/about/key-statistics.html>
6. <https://www.cancer.net/cancer-types/sarcomas-soft-tissue/statistics#:~:text=Sarcomas%20are%20described%20as%20being,to%20nearby%20tissues%20or%20organs.>
7. <https://www.cancer.org/cancer/bone-cancer/about/key-statistics.html>
8. https://seer.cancer.gov/statistics-network/explorer/application.html?site=50&data_type=4&graph_type=5&compareBy=stage&chk_stage_104=104&chk_stage_105=105&chk_stage_106=106&chk_stage_107=107&series=9&sex=1&race=1&age_range=1&advopt_precision=1&advopt_show_ci=on&hdn_view=1#resultsRegion1