

United States

see [Healthcare in the United States](#).

Population

[United States Population](#).

Neurosurgical training in USA

see [Neurosurgical training in USA](#).

The incidence of [neural tube defects](#) (NTDs) is declining in several areas of the world, including the [United States](#). While the reasons for this are unclear, there seems to be some effect from prenatal diagnosis, genetic counseling, and possibly nutritional supplementation ¹⁾

Approximately 89,000 new [primary brain tumors](#) are diagnosed in the [United States](#) each year, for which 27% are [gliomas](#) and 32.8% are [malignant gliomas](#) ²⁾.

Top-Ranked Hospitals for Neurology & Neurosurgery

see [Top-Ranked Hospitals for Neurology & Neurosurgery in USA](#).

There is marked geographic variation in the rates of [arthrodesis](#) in treatment of [spondylolisthesis](#) within the [United States](#). This variation remains pronounced after accounting for patient-level demographic differences. Costs of surgery and [quality outcomes](#) also vary widely. Further study is necessary to understand the drivers of this variation ³⁾.

Medicare Reimbursement

[Medicare Reimbursement](#)

United States Hospitals

United States Hospitals

¹⁾

Lemire RJ. Neural tube defects. JAMA. 1988 Jan 22-29;259(4):558-62. Review. PubMed PMID: 3275817.

²⁾

Ostrom QT, Gittleman H, Fulop J, Liu M, Blanda R, Kromer C, Wolinsky Y, Kruchko C, Barnholtz-Sloan JS. CBTRUS Statistical Report: Primary Brain and Central Nervous System Tumors Diagnosed in the United States in 2008-2012. Neuro Oncol. 2015 Oct;17 Suppl 4:iv1-iv62. doi: 10.1093/neuonc/nov189. Epub 2015 Oct 27. PubMed PMID: 26511214; PubMed Central PMCID: PMC4623240.

³⁾

Azad TD, Vail D, O'Connell C, Han SS, Veeravagu A, Ratliff JK. Geographic variation in the surgical management of lumbar spondylolisthesis: characterizing practice patterns and outcomes. Spine J. 2018 May 7. pii: S1529-9430(18)30207-9. doi: 10.1016/j.spinee.2018.05.008. [Epub ahead of print] PubMed PMID: 29746964.

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