



Brain and Other Nervous System Tumors, New Jersey

Non-Malignant** Brain and Other Nervous System Tumors by Gender and Subtype, 2015-2019*

Population	Site Group	Rates					Rates [^]	Cases
		2015	2016	2017	2018	2019*	2015-2019*	
Female	Brain	1.9	1.7	1.2	1.8	1.0	1.5	383
	Intracranial Meninges	12.1	12.1	12.3	12.3	13.3	12.4	3,634
	Cranial Nerves & Other Central Nervous Sys.	2.8	2.0	2.0	2.4	1.9	2.2	593
	Tumors of the Sellar Region	8.1	6.9	7.9	7.6	6.5	7.4	1,695
	Spinal Cord	0.7	0.7	0.7	0.7	0.7	0.7	178
	Spinal Meninges	0.7	0.6	0.6	0.5	0.6	0.6	172
	Total		26.4	24.0	24.6	25.2	24.1	24.9
Male	Brain	1.5	1.8	1.6	2.1	1.4	1.7	378
	Intracranial Meninges	5.7	5.3	5.7	6.0	5.8	5.7	1,355
	Cranial Nerves & Other Central Nervous Sys.	2.6	2.4	2.1	2.1	1.5	2.1	517
	Tumors of the Sellar Region	4.7	5.6	5.2	5.3	5.2	5.2	1,225
	Spinal Cord	1.0	0.7	0.7	0.5	0.8	0.8	178
	Spinal Meninges	0.2	0.2	0.3	0.3	0.2	0.2	57
	Total		15.7	16.0	15.6	16.4	14.9	15.8

- Rates of non-malignant brain and other nervous system (ONS) tumors occurred most frequently in the intracranial meninges and sellar region for both men and women during this time period.
- Women had higher rates of non-malignant brain and ONS tumors compared to men for most subsites.
- Women had more than twice the rate of non-malignant intracranial meninges tumors (more commonly known as meningiomas) compared to men, driving the gender differences for this time period.

Data source for cancer incidence: New Jersey State Cancer Registry February 2022 file, New Jersey Department of Health. *Initial data report as of 2/22; rates and counts may change slightly as subsequent cancers or additional information are reported. **Non-Malignant tumors include benign and borderline behavior tumors. Benign and borderline brain and other nervous system tumors were not reportable before 2004. ^Average annual rate per 100,000, age-adjusted to the 2000 US standard population.

The New Jersey State Cancer Registry (NJSCR) Data Guidelines containing comprehensive data analysis methods, race and ethnicity classification, population and mortality data sources, and additional information related to NJSCR data can be found at

<https://www.state.nj.us/health/ces/cancer-researchers/surv-research/>



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Population	Site Group	Rate					Rate [^]	Cases
		2015	2016	2017	2018	2019*	2015-2019*	
Female	Brain	5.5	5.2	5.5	6.2	5.1	5.5	1,466
	Intracranial Meninges	0.1	0.1	0.1	^	0.1	0.1	28
	Cranial Nerves & Other Central Nervous Sys.	^	^	0.2	^	0.2	0.1	19
	Tumors of the Sellar Region	^	^	^	^	^	<0.1	10
	Spinal Cord	0.3	0.2	0.3	^	0.2	0.2	46
	Spinal Meninges	^	^	^	^	^	^	^
	Total	5.9	5.6	6.1	6.4	5.6	5.9	1,570
Male	Brain	7.2	7.9	7.4	7.5	7.4	7.5	1,764
	Intracranial Meninges	^	0.1	0.1	^	^	0.1	17
	Cranial Nerves & Other Central Nervous Sys.	^	0.2	0.2	^	^	0.1	24
	Tumors of the Sellar Region	0.2	0.1	^	0.1	^	0.1	24
	Spinal Cord	0.3	0.1	0.1	0.2	0.1	0.2	39
	Spinal Meninges	^	^	^	^	^	^	^
	Total	7.8	8.4	7.9	7.9	7.8	8.0	1,868

[^] Statistic not displayed due to fewer than 5 cases.

- Rates of malignant brain and other nervous system (ONS) cancer primarily occur in the brain proper and rarely in other nervous system subsites.
- Men had higher rates of malignant brain and ONS cancer compared to women during this time period.
- This pattern is similar to what is shown nationally.^{^^}

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