

**Initial Emergency Department Visits
Treated and Released Due to Traumatic Brain Injuries
Mean Annual Frequency and Rate by County
New York State Residents, 2006-2008**

County	μ	Rate ¹	Rate ²
Albany	1,923	644.7	649.8
Allegany	276	553.0	548.7
Broome	847	432.9	435.8
Cattaraugus	499	620.8	633.7
Cayuga	342	425.1	439.9
Chautauqua	882	656.7	658.1
Chemung	392	444.3	459.3
Chenango	234	456.2	481.2
Clinton	469	571.2	572.0
Columbia	327	523.2	555.5
Cortland	183	378.9	369.1
Delaware	343	738.4	774.5
Dutchess	980	333.7	344.9
Erie	6,679	730.1	741.2
Essex	245	640.5	671.5
Franklin	485	957.0	1003.3
Fulton	531	962.7	1013.6
Genesee	500	858.8	891.0
Greene	236	478.2	483.2
Hamilton	24	471.9	571.0
Herkimer	295	470.0	476.9
Jefferson	362	310.7	302.3
Lewis	100	376.9	392.1
Livingston	446	702.3	735.9
Madison	246	351.8	356.7
Monroe	3,532	483.2	488.2
Montgomery	457	935.2	914.1
Nassau	5,210	392.3	402.0
Niagara	1,682	781.9	808.0
Oneida	1,215	522.2	530.3
Onondaga	2,536	557.9	552.9

County	μ	Rate ¹	Rate ²
Ontario	496	476.0	490.7
Orange	1,888	499.9	501.0
Orleans	231	542.6	562.5
Oswego	690	565.7	571.5
Otsego	494	793.3	811.4
Putnam	359	359.8	385.1
Rensselaer	1,222	786.9	803.1
Rockland	1,009	340.1	340.7
St. Lawrence	455	412.6	407.5
Saratoga	1,052	486.5	509.3
Schenectady	807	535.0	540.3
Schoharie	297	926.5	954.1
Schuyler	135	706.4	753.6
Seneca	156	454.2	476.3
Steuben	547	562.3	592.4
Suffolk	7,148	483.5	498.7
Sullivan	556	728.1	750.4
Tioga	128	252.8	263.9
Tompkins	405	401.2	420.0
Ulster	861	473.0	494.8
Warren	226	341.6	358.4
Washington	212	336.1	350.6
Wayne	440	478.3	499.5
Westchester	3,774	396.6	403.6
Wyoming	224	532.5	568.5
Yates	172	697.9	693.1
Bronx	6,138	446.2	435.1
Kings	6,684	264.1	260.1
New York	4,973	306.5	334.7
Queens	6,348	279.3	287.4
Richmond	1,691	350.7	364.1

μ = mean annual frequency

Rate¹ is $\mu/\text{Population} \times 100,000$

Rate² is the age-adjusted rate based on the U.S. 2000 population

Age-adjusted rates are helpful in comparing counties with different age distributions

*Data based on frequencies of less than six not reported

**Caution: Rates calculated using frequencies of less than 20 are unstable

Source: NYSDOH, Bureau of Injury Prevention
www.health.ny.gov/prevention/injury_prevention/
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