

Traumatic Brain Injury Related Emergency Department (ED)[†] Visits

Mean Annual Frequency and Rate by County

New York State Residents, 2012-2014

| County | Mean Annual Frequency | Crude Rate / 100,000 Residents | Age-Adjusted Rate / 100,000 Residents |
|-------------|-----------------------|--------------------------------|---------------------------------------|
| Albany | 2,797 | 911.6 | 925.3 |
| Allegany | 415 | 864.1 | 867.3 |
| Broome | 1,550 | 784.1 | 809.3 |
| Cattaraugus | 717 | 907.8 | 931.0 |
| Cayuga | 472 | 595.3 | 624.8 |
| Chautauqua | 1,315 | 989.3 | 1010.9 |
| Chemung | 640 | 724.4 | 759.7 |
| Chenango | 478 | 963.3 | 1039.7 |
| Clinton | 596 | 730.2 | 734.0 |
| Columbia | 450 | 723.0 | 807.5 |
| Cortland | 493 | 1002.9 | 1016.6 |
| Delaware | 428 | 914.1 | 976.1 |
| Dutchess | 1,768 | 595.4 | 612.8 |
| Erie | 8,633 | 937.8 | 931.3 |
| Essex | 261 | 672.7 | 722.8 |
| Franklin | 440 | 853.0 | 884.2 |
| Fulton | 561 | 1028.6 | 1096.8 |
| Genesee | 513 | 861.2 | 894.1 |
| Greene | 357 | 737.4 | 804.0 |
| Hamilton | 32 | 672.9 | 748.0 |
| Herkimer | 535 | 834.6 | 861.5 |
| Jefferson | 1,166 | 974.7 | 930.7 |
| Lewis | 148 | 545.4 | 574.7 |
| Livingston | 436 | 674.4 | 705.6 |
| Madison | 492 | 680.2 | 719.9 |
| Monroe | 5,145 | 686.9 | 693.0 |
| Montgomery | 506 | 1015.3 | 1019.3 |
| Nassau | 9,499 | 701.9 | 695.4 |
| Niagara | 1,934 | 902.3 | 932.1 |
| Oneida | 2,038 | 873.6 | 875.9 |
| Onondaga | 3,124 | 667.7 | 664.4 |
| Ontario | 991 | 908.3 | 938.4 |
| Orange | 2,786 | 742.1 | 749.6 |

| County | Mean Annual Frequency | Crude Rate / 100,000 Residents | Age-Adjusted Rate / 100,000 Residents |
|---------------|-----------------------|--------------------------------|---------------------------------------|
| Orleans | 300 | 707.6 | 748.4 |
| Oswego | 820 | 676.2 | 686.2 |
| Otsego | 575 | 934.9 | 961.3 |
| Putnam | 642 | 644.4 | 695.4 |
| Rensselaer | 1,504 | 940.9 | 971.4 |
| Rockland | 2,769 | 863.0 | 833.2 |
| St. Lawrence | 850 | 759.5 | 770.0 |
| Saratoga | 1,304 | 582.9 | 604.4 |
| Schenectady | 1,427 | 918.1 | 925.2 |
| Schoharie | 340 | 1066.9 | 1102.3 |
| Schuyler | 170 | 921.5 | 992.9 |
| Seneca | 287 | 814.4 | 859.0 |
| Steuben | 849 | 860.2 | 889.4 |
| Suffolk | 13,289 | 885.6 | 898.4 |
| Sullivan | 502 | 656.1 | 694.2 |
| Tioga | 186 | 369.9 | 405.3 |
| Tompkins | 844 | 814.5 | 841.2 |
| Ulster | 1,395 | 770.2 | 808.3 |
| Warren | 422 | 645.9 | 684.4 |
| Washington | 364 | 579.1 | 617.9 |
| Wayne | 663 | 716.4 | 755.1 |
| Westchester | 6,808 | 703.5 | 702.7 |
| Wyoming | 308 | 742.3 | 802.0 |
| Yates | 221 | 874.4 | 861.1 |
| Bronx | 9,658 | 679.3 | 673.4 |
| Kings | 9,703 | 374.2 | 373.8 |
| New York | 9,501 | 583.9 | 629.9 |
| Queens | 11,585 | 504.4 | 515.2 |
| Richmond | 4,240 | 898.0 | 922.8 |
| New York City | 44,688 | 531.3 | 539.3 |
| Rest of State | 88,553 | 787.5 | 795.6 |
| STATEWIDE | 133,325 | 678.3 | 685.8 |

†The incidence of ED visits does not include patients who were subsequently admitted into the hospital.

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

*Data based on five year totals less than six are not reported

**Caution: Rates calculated using frequencies of less than 20 (5 year total) are unstable

Source: NYSDOH, Bureau of Occupational Health and Injury Prevention

www.health.ny.gov/prevention/injury_prevention/

SPARCS July 2016