

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Erie County Residents, 2012-2014

| | Deaths | | Hospitalizations | | ED Visits | | |
|-----------|-----------------------|----------------------------|-----------------------|----------------------------|-----------------------|----------------------------|---------|
| | Mean Annual Frequency | Rate per 100,000 Residents | Mean Annual Frequency | Rate per 100,000 Residents | Mean Annual Frequency | Rate per 100,000 Residents | |
| Total | 49 | 5.3** | 426 | 46.2 | 7,190 | 781.1 | |
| Age Group | 0<1 | * | * | 1 | 10.3 | 10 | 106.4 |
| | 1-4 | * | * | 9 | 22.8 | 70 | 178.3 |
| | 5-9 | 0 | 0.0 | 15 | 30.1 | 135 | 264.0 |
| | 10-14 | * | * | 16 | 28.5 | 202 | 359.6 |
| | 15-19 | 2 | 3.8** | 24 | 39.7 | 677 | 1,102.6 |
| | 20-24 | 3 | 4.3** | 36 | 52.6 | 1,170 | 1,695.0 |
| | 25-44 | 11 | 5.0 | 91 | 40.4 | 2,628 | 1,170.9 |
| | 45-64 | 16 | 6.0 | 121 | 46.7 | 1,751 | 675.8 |
| | 65+ | 14 | 9.1 | 112 | 74.5 | 547 | 364.0 |
| Gender | Male | 32 | 7.1 | 262 | 58.9 | 3,193 | 717.1 |
| | Female | 17 | 3.6 | 163 | 34.4 | 3,997 | 841.0 |
| | Unknown | 0 | n/a | 0 | n/a | 0 | n/a |

| | | | |
|---------------------------------------|-----|-----|-----|
| Percent Traumatic Brain Injury | 24% | 31% | 16% |
|---------------------------------------|-----|-----|-----|

| | | | |
|--|-----|--------------|--------------|
| Mean Charge per Hospitalization or ED Visit | n/a | \$43,778 | \$1,929 |
| Mean One Year Total Hospitalization or ED Visit Charges | n/a | \$18,634,992 | \$13,868,939 |
| Three Year Total Hospitalization or ED Visit Charges | n/a | \$55,904,977 | \$41,606,817 |

| | | | |
|---|-----|---|-----|
| Average Length of Hospital Stay (Days) | n/a | 7 | n/a |
|---|-----|---|-----|

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

Rate = Frequency / Population * 100,000

*Data based on frequencies less than six not reported

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

Source: NYSDOH, Bureau of Occupational Health and Injury Prevention

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

SPARCS July 2016

Vital Statistics Death File June 2016