

# Incidence of Unintentional Motor Vehicle Traffic Injuries

## Deaths, Hospitalizations, and Emergency Department<sup>†</sup> (ED) Visits

### Chautauqua County Residents, 2017-2019

|                | 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          | 9                              | 7.0                        | 25                    | 19.5                       | 734                   | 573.6                      |         |
| Age Group      | 0<1                            | 0                          | 0                     | 0.0                        | *                     | *                          |         |
|                | 1-4                            | 0                          | 0                     | *                          | *                     | 12                         | 212.8   |
|                | 5-9                            | 0                          | 0                     | *                          | *                     | 25                         | 360.0   |
|                | 10-14                          | 0                          | 0                     | *                          | *                     | 31                         | 420.5   |
|                | 15-19                          | *                          | *                     | *                          | *                     | 85                         | 940.7   |
|                | 20-24                          | 0                          | 0                     | 0                          | 0.0                   | 90                         | 1,097.2 |
|                | 25-44                          | *                          | *                     | 6                          | 19.9**                | 234                        | 821.3   |
|                | 45-64                          | 3                          | 9.5**                 | 7                          | 19.8                  | 166                        | 470.7   |
|                | 65+                            | 3                          | 13.0**                | 9                          | 33.7                  | 90                         | 349.7   |
| Gender         | Male                           | 7                          | 11.6                  | 14                         | 22.7                  | 337                        | 533.0   |
|                | Female                         | 2                          | 2.6**                 | 11                         | 16.5                  | 397                        | 613.2   |
|                | Unknown                        | 0                          | n/a                   | 0                          | n/a                   | 0                          | n/a     |
| Race/Ethnicity | White Non-Hispanic             | 9                          | 8.0                   | 22                         | 19.5                  | 597                        | 529.4   |
|                | Black Non-Hispanic             | 0                          | 0.0                   | *                          | *                     | 32                         | 887.6   |
|                | American Indian/Alaskan Native | 0                          | 0.0                   | 0                          | 0.0                   | 3                          | 386.7** |
|                | Asian Pacific Islander         | 0                          | 0.0                   | 0                          | 0.0                   | 2                          | 236.8** |
|                | Hispanic                       | 0                          | 0.0                   | *                          | *                     | 71                         | 718.8   |

|                                       |     |     |    |
|---------------------------------------|-----|-----|----|
| <b>Percent Traumatic Brain Injury</b> | 44% | 25% | 5% |
|---------------------------------------|-----|-----|----|

|   |     |             |             |
|---|-----|-------------|-------------|
| <b>Mean Charge per Hospitalization or ED Visit</b>          | n/a | \$36,952    | \$1,737     |
| <b>One Year Total Hospitalization or ED Visit Charges</b>   | n/a | \$923,800   | \$1,275,288 |
| <b>Three Year Total Hospitalization or ED Visit Charges</b> | n/a | \$2,771,401 | \$3,825,865 |

|   |     |   |     |
|---|-----|---|-----|
| <b>Average Length of Hospital Stay (Days)</b> | n/a | 5 | n/a |
|---|-----|---|-----|

<sup>†</sup>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

# Incidence of Unintentional Occupant Injuries

## Deaths, Hospitalizations, and Emergency Department<sup>†</sup> (ED) Visits

### Chautauqua County Residents, 2017-2019

|                | 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          | *                              | *                          | 19                    | 14.8                       | 611                   | 477.7                      |
| Age Group      | 0<1                            | 0                          | 0.0                   | 0                          | 0.0                   | *                          |
|                | 1-4                            | 0                          | 0.0                   | 0                          | 0.0                   | *                          |
|                | 5-9                            | 0                          | 0.0                   | 0                          | 0.0                   | 15                         |
|                | 10-14                          | 0                          | 0.0                   | *                          | *                     | 18                         |
|                | 15-19                          | 0                          | 0.0                   | *                          | *                     | 66                         |
|                | 20-24                          | 0                          | 0.0                   | 0                          | 0.0                   | 81                         |
|                | 25-44                          | 0                          | 0.0                   | 4                          | 12.9**                | 200                        |
|                | 45-64                          | 0                          | 0.0                   | 5                          | 13.2**                | 139                        |
|                | 65+                            | 0                          | 0.0                   | 8                          | 31.1                  | 83                         |
| Gender         | Male                           | *                          | *                     | 9                          | 14.8                  | 249                        |
|                | Female                         | 0                          | 0.0                   | 10                         | 14.9                  | 362                        |
|                | Unknown                        | 0                          | n/a                   | 0                          | n/a                   | 0                          |
| Race/Ethnicity | White Non-Hispanic             | *                          | *                     | 17                         | 15.1                  | 499                        |
|                | Black Non-Hispanic             | 0                          | 0.0                   | *                          | *                     | 27                         |
|                | American Indian/Alaskan Native | 0                          | 0.0                   | 0                          | 0.0                   | 3                          |
|                | Asian Pacific Islander         | 0                          | 0.0                   | 0                          | 0.0                   | 2                          |
|                | Hispanic                       | 0                          | 0.0                   | *                          | *                     | 57                         |
|                |                                |                            |                       |                            |                       | 386.7**                    |

|                                       |     |     |    |
|---------------------------------------|-----|-----|----|
| <b>Percent Traumatic Brain Injury</b> | 33% | 28% | 5% |
|---------------------------------------|-----|-----|----|

|   |     |             |             |
|---|-----|-------------|-------------|
| <b>Mean Charge per Hospitalization or ED Visit</b>          | n/a | \$35,195    | \$1,696     |
| <b>One Year Total Hospitalization or ED Visit Charges</b>   | n/a | \$668,705   | \$1,036,729 |
| <b>Three Year Total Hospitalization or ED Visit Charges</b> | n/a | \$2,006,115 | \$3,110,187 |

|   |     |   |     |
|---|-----|---|-----|
| <b>Average Length of Hospital Stay (Days)</b> | n/a | 5 | n/a |
|---|-----|---|-----|

<sup>†</sup>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

# Incidence of Unintentional Motorcycle Injuries

## Deaths, Hospitalizations, and Emergency Department<sup>†</sup> (ED) Visits

### Chautauqua Residents, 2017-2019

|                | 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          | *                              | *                          | 3                     | 2.3**                      | 25                    | 19.8                       |        |
| Age Group      | 0<1                            | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | 1-4                            | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | 5-9                            | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | 10-14                          | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
|                | 15-19                          | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
|                | 20-24                          | 0                          | 0.0                   | 0                          | 0.0                   | 2                          | 28.3** |
|                | 25-44                          | 0                          | 0.0                   | *                          | *                     | 11                         | 38.7   |
|                | 45-64                          | *                          | *                     | *                          | *                     | 9                          | 24.6   |
|                | 65+                            | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
| Gender         | Male                           | *                          | *                     | 3                          | 4.2**                 | 20                         | 32.2   |
|                | Female                         | 0                          | 0.0                   | 0                          | 0.0                   | 5                          | 7.7**  |
|                | Unknown                        | 0                          | n/a                   | 0                          | n/a                   | 0                          | n/a    |
| Race/Ethnicity | White Non-Hispanic             | *                          | *                     | 2                          | 2.1**                 | 22                         | 19.5   |
|                | Black Non-Hispanic             | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
|                | American Indian/Alaskan Native | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | Asian Pacific Islander         | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | Hispanic                       | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
|                |                                | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |

|                                       |   |     |    |
|---------------------------------------|---|-----|----|
| <b>Percent Traumatic Brain Injury</b> | * | 11% | 3% |
|---------------------------------------|---|-----|----|

|   |     |           |           |
|---|-----|-----------|-----------|
| <b>Mean Charge per Hospitalization or ED Visit</b>          | n/a | \$34,248  | \$3,186   |
| <b>One Year Total Hospitalization or ED Visit Charges</b>   | n/a | \$102,743 | \$80,715  |
| <b>Three Year Total Hospitalization or ED Visit Charges</b> | n/a | \$308,229 | \$242,145 |

|   |     |   |     |
|---|-----|---|-----|
| <b>Average Length of Hospital Stay (Days)</b> | n/a | 5 | n/a |
|---|-----|---|-----|

<sup>†</sup>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

# Incidence of Unintentional Pedestrian Injuries

## Deaths, Hospitalizations, and Emergency Department<sup>†</sup> (ED) Visits

### Chautauqua County Residents, 2017-2019

|                | 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          | *                              | *                          | 2                     | 1.8**                      | 31                    | 24.0                       |        |
| Age Group      | 0<1                            | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | 1-4                            | 0                          | 0.0                   | 0                          | 0.0                   | 2                          | 29.6** |
|                | 5-9                            | 0                          | 0.0                   | 0                          | 0.0                   | 2                          | 28.8** |
|                | 10-14                          | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
|                | 15-19                          | *                          | *                     | 0                          | 0.0                   | 4                          | 40.7** |
|                | 20-24                          | 0                          | 0.0                   | 0                          | 0.0                   | 3                          | 36.4** |
|                | 25-44                          | 0                          | 0.0                   | *                          | *                     | 9                          | 32.8   |
|                | 45-64                          | 0                          | 0.0                   | *                          | *                     | 7                          | 20.8   |
|                | 65+                            | 0                          | 0.0                   | 0                          | 0.0                   | *                          | *      |
| Gender         | Male                           | *                          | *                     | *                          | 17                    | 27.4                       |        |
|                | Female                         | 0                          | 0.0                   | *                          | *                     | 13                         | 20.6   |
|                | Unknown                        | 0                          | n/a                   | 0                          | n/a                   | 0                          | n/a    |
| Race/Ethnicity | White Non-Hispanic             | *                          | *                     | *                          | *                     | 25                         | 22.2   |
|                | Black Non-Hispanic             | 0                          | 0.0                   | *                          | *                     | 2                          | 64.1** |
|                | American Indian/Alaskan Native | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | Asian Pacific Islander         | 0                          | 0.0                   | 0                          | 0.0                   | 0                          | 0.0    |
|                | Hispanic                       | 0                          | 0.0                   | 0                          | 0.0                   | 3                          | 27.0** |

|                                       |     |     |    |
|---------------------------------------|-----|-----|----|
| <b>Percent Traumatic Brain Injury</b> | 33% | 29% | 5% |
|---------------------------------------|-----|-----|----|

|   |     |           |           |
|---|-----|-----------|-----------|
| <b>Mean Charge per Hospitalization or ED Visit</b>          | n/a | \$52,713  | \$1,951   |
| <b>One Year Total Hospitalization or ED Visit Charges</b>   | n/a | \$122,998 | \$59,821  |
| <b>Three Year Total Hospitalization or ED Visit Charges</b> | n/a | \$368,994 | \$179,464 |

|   |     |   |     |
|---|-----|---|-----|
| <b>Average Length of Hospital Stay (Days)</b> | n/a | 8 | n/a |
|---|-----|---|-----|

<sup>†</sup>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

# Incidence of Unintentional Pedal Cycle Injuries

## Deaths, Hospitalizations, and Emergency Department<sup>†</sup> (ED) Visits

### Chautauqua County Residents, 2017-2019

|                |                                | 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          |                                | *                     | *                          | *                     | *                          | 57                    | 44.3                       |
| Age Group      | 0<1                            | 0                     | 0.0                        | 0                     | 0.0                        | 0                     | 0.0                        |
|                | 1-4                            | 0                     | 0.0                        | 0                     | 0.0                        | 2                     | 29.6**                     |
|                | 5-9                            | 0                     | 0.0                        | 0                     | 0.0                        | 8                     | 110.4                      |
|                | 10-14                          | 0                     | 0.0                        | *                     | *                          | 11                    | 153.7                      |
|                | 15-19                          | 0                     | 0.0                        | 0                     | 0.0                        | 12                    | 133.3                      |
|                | 20-24                          | 0                     | 0.0                        | 0                     | 0.0                        | 4                     | 44.5**                     |
|                | 25-44                          | 0                     | 0.0                        | 0                     | 0.0                        | 10                    | 34.0                       |
|                | 45-64                          | 0                     | 0.0                        | 0                     | 0.0                        | 9                     | 24.6                       |
|                | 65+                            | *                     | *                          | *                     | *                          | 2                     | 7.8**                      |
| Gender         | Female                         | 0                     | 0.0                        | 0                     | 0.0                        | 11                    | 17.0                       |
|                | Male                           | *                     | *                          | *                     | *                          | 46                    | 72.3                       |
|                | Unknown                        | 0                     | n/a                        | 0                     | n/a                        | 0                     | n/a                        |
| Race/Ethnicity | White Non-Hispanic             | *                     | *                          | *                     | *                          | 43                    | 37.8                       |
|                | Black Non-Hispanic             | 0                     | 0.0                        | 0                     | 0.0                        | *                     | *                          |
|                | American Indian/Alaskan Native | 0                     | 0.0                        | 0                     | 0.0                        | 0                     | 0.0                        |
|                | Asian Pacific Islander         | 0                     | 0.0                        | 0                     | 0.0                        | *                     | *                          |
|                | Hispanic                       | 0                     | 0.0                        | 0                     | 0.0                        | 9                     | 91.1                       |

|                                       |   |   |    |
|---------------------------------------|---|---|----|
| <b>Percent Traumatic Brain Injury</b> | * | * | 8% |
|---------------------------------------|---|---|----|

|   |     |   |           |
|---|-----|---|-----------|
| <b>Mean Charge per Hospitalization or ED Visit</b>          | n/a | * | \$1,467   |
| <b>One Year Total Hospitalization or ED Visit Charges</b>   | n/a | * | \$83,125  |
| <b>Three Year Total Hospitalization or ED Visit Charges</b> | n/a | * | \$249,376 |

|   |     |   |     |
|---|-----|---|-----|
| <b>Average Length of Hospital Stay (Days)</b> | n/a | * | n/a |
|---|-----|---|-----|

<sup>†</sup>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