### Incidence of Unintentional Motor Vehicle Traffic Injuries

#### Deaths, Hospitalizations, and Emergency Department† (ED) Visits

**Dutchess County Residents, 2017-2019**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Male</th>
<th>Female</th>
<th>Unknown</th>
<th>Total</th>
</tr>
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#### Percent Traumatic Brain Injury

- **Deaths:** 39%
- **Hospitalizations:** 28%
- **ED Visits:** 5%

#### Mean Charge per Hospitalization or ED Visit

- **Deaths:** n/a
- **Hospitalizations:** $140,245
- **ED Visits:** $6,049

#### One Year Total Hospitalization or ED Visit Charges

- **Deaths:** n/a
- **Hospitalizations:** $24,823,337
- **ED Visits:** $12,995,283

#### Three Year Total Hospitalization or ED Visit Charges

- **Deaths:** n/a
- **Hospitalizations:** $74,470,012
- **ED Visits:** $38,985,849

#### Average Length of Hospital Stay (Days)

- **Deaths:** n/a
- **Hospitalizations:** 6
- **ED Visits:** n/a

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*NYSDOH, Bureau of Occupational Health and Injury Prevention*  
*www.health.ny.gov/prevention/injury_prevention/sspacs_december_2021*  
*Vital Statistics Death File November 2021*

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*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 (ED) Visits

**Dutchess County Residents, 2017-2019**

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Gender</th>
<th>Mean Annual Frequency</th>
<th>Rate per 100,000 Residents</th>
<th>Mean Annual Frequency</th>
<th>Rate per 100,000 Residents</th>
<th>Mean Annual Frequency</th>
<th>Rate per 100,000 Residents</th>
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| Percent Traumatic Brain Injury | 29% | 25% | 5% |

| Mean Charge per Hospitalization or ED Visit | n/a | $131,808 | $5,857 |
| One Year Total Hospitalization or ED Visit Charges | n/a | $17,222,892 | $11,130,638 |
| Three Year Total Hospitalization or ED Visit Charges | n/a | $51,668,675 | $33,391,913 |

Average Length of Hospital Stay (Days)

- n/a
- 6
- n/a

---

**Source:** NYSDOH, Bureau of Occupational Health and Injury Prevention


SPARCS December 2021

Vital Statistics Death File November 2021
## Incidence of Unintentional Motorcycle Injuries

### Deaths, Hospitalizations, and Emergency Department (ED) Visits

Dutchess County Residents, 2017-2019

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<th>Gender</th>
<th>Race/Ethnicity</th>
<th>Deaths</th>
<th>Hospitalizations</th>
<th>ED Visits</th>
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<td>0%</td>
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<tr>
<td></td>
<td></td>
<td>Hispanic</td>
<td></td>
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</tbody>
</table>

### Percent Traumatic Brain Injury

- 25%
- 30%
- 6%

### Mean Charge per Hospitalization or ED Visit

- n/a
- $150,898
- $10,049

### One Year Total Hospitalization or ED Visit Charges

- n/a
- $3,470,664
- $602,917

### Three Year Total Hospitalization or ED Visit Charges

- n/a
- $10,411,992
- $1,808,751

### Average Length of Hospital Stay (Days)

- n/a
- 6
- 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


SPARCS December 2021

Vital Statistics Death File November 2021
## Incidence of Unintentional Pedestrian Injuries

### Deaths, Hospitalizations, and Emergency Department† (ED) Visits

**Dutchess County Residents, 2017-2019**

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<th>Age Group</th>
<th>Gender</th>
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</table>

### Percent Traumatic Brain Injury

- **Total**: 54%
- **Female**: 52%
- **Male**: 7%

### Mean Charge per Hospitalization or ED Visit

- **Total**: $220,470
- **One Year Total**: $3,380,544
- **Three Year Total**: $10,141,631

### Average Length of Hospital Stay (Days)

- **Total**: 7

---

1. The incidence of ED visits does not include patients who were subsequently admitted into the hospital.
2. Rate = Frequency / Population * 100,000
3. Data based on frequencies less than six not reported.
4. **Caution**: Rates calculated using frequencies of less than 20 are unstable.

**Source:** NYSDOH, Bureau of Occupational Health and Injury Prevention


**SPARCS December 2021**

Vital Statistics Death File November 2021
### Incidence of Unintentional Pedal Cycle Injuries

**Deaths, Hospitalizations, and Emergency Department† (ED) Visits**

**Dutchess County Residents, 2017-2019**

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<th>Gender</th>
<th>Deaths</th>
<th>Hospitalizations</th>
<th>ED Visits</th>
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<th>ED Visits</th>
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<td>0</td>
<td>0.0</td>
<td>*</td>
</tr>
<tr>
<td>American Indian/Alaskan Native</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
<tr>
<td>Asian Pacific Islander</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
<tr>
<td>Hispanic</td>
<td>0</td>
<td>0.0</td>
<td>0</td>
</tr>
</tbody>
</table>

| Percent Traumatic Brain Injury | 33% | 8% |

| Mean Charge per Hospitalization or ED Visit | n/a | $113,914 | $7,543 |
| One Year Total Hospitalization or ED Visit Charges | n/a | $455,655 | $316,798 |
| Three Year Total Hospitalization or ED Visit Charges | n/a | $1,366,966 | $950,393 |

| Average Length of Hospital Stay (Days) | n/a | 5 | n/a |

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1The 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 December 2021

Vital Statistics Death File November 2021