

# Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department<sup>†</sup> (ED) Visits Madison 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	7	<0.1	44	0.2	408	2.1	
Age Group	0<1	0	0.0	0	0.0	2	0.9**
	1-4	0	0.0	0	0.0	10	1.1
	5-9	0	0.0	*	*	13	1.2
	10-14	0	0.0	*	*	16	1.5
	15-19	*	*	4	0.3**	43	3.6
	20-24	2	0.1**	4	0.3**	57	4.3
	25-44	*	*	9	0.2	126	2.4
	45-64	*	*	10	0.2	96	1.9
	65+	2	0.1**	15	0.5	45	1.4
Gender	Female	*	*	13	0.1	216	2.1
	Male	*	*	31	0.3	192	2.0
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	6	0.1**	42	0.4	381	3.5
	Black Non-Hispanic	0	0.0	0	0.0	9	0.3
	American Indian/Alaskan Native	0	0.0	0	0.0	4	6.1**
	Asian Pacific Islander	0	0.0	0	0.0	2	0.1**
	Hispanic	0	0.0	*	*	3	0.1**

<b>Percent Traumatic Brain Injury</b>	15%	30%	5%
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<b>Mean Charge per Hospitalization or ED Visit</b>	n/a	\$83,426	\$3,412
<b>One Year Total Hospitalization or ED Visit Charges</b>	n/a	\$3,670,725	\$1,393,398
<b>Three Year Total Hospitalization or ED Visit Charges</b>	n/a	\$11,012,175	\$4,180,194

<b>Average Length of Hospital Stay (Days)</b>	n/a	6	n/a
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<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

### Madison 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	<0.1**	32	0.2	354	1.8	
Age Group	0<1	0	0.0	0	0.0	2	0.9**
	1-4	0	0.0	0	0.0	9	1.0
	5-9	0	0.0	0	0.0	11	1.0
	10-14	0	0.0	*	*	13	1.2
	15-19	0	0.0	*	*	39	3.3
	20-24	*	*	3	0.2**	49	3.7
	25-44	0	0.0	5	0.1**	112	2.1
	45-64	0	0.0	6	0.1**	80	1.5
	65+	*	*	13	0.4	39	1.2
Gender	Female	*	*	9	0.1	200	2.0
	Male	*	*	22	0.2	154	1.6
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	2	<0.1**	*	*	330	3.0
	Black Non-Hispanic American Indian/Alaskan Native	0	0.0	0	0.0	8	0.3
	Asian Pacific Islander	0	0.0	0	0.0	4	6.1**
	Hispanic	0	0.0	0	0.0	*	*
		0	0.0	0	0.0	*	*
		0	0.0	*	*	*	*

<b>Percent Traumatic Brain Injury</b>	29%	30%	6%
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<b>Mean Charge per Hospitalization or ED Visit</b>	n/a	\$72,440	\$3,327
<b>One Year Total Hospitalization or ED Visit Charges</b>	n/a	\$2,293,925	\$1,178,732
<b>Three Year Total Hospitalization or ED Visit Charges</b>	n/a	\$6,881,775	\$3,536,196

<b>Average Length of Hospital Stay (Days)</b>	n/a	5	n/a
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<sup>†</sup>The incidence of ED visits does not include patients who were subsequently admitted into the hospital

Rate = Frequency / Population \* 100,000

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# Incidence of Unintentional Motorcycle Injuries

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

### Madison 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	0	0.0	6	<0.1**	20	0.1	
Age Group	0<1	0	0	0.0	0	0.0	
	1-4	0	0	0.0	0	0.0	
	5-9	0	0.0	0	0.0	0.0	
	10-14	0	0.0	0	0.0	0.0	
	15-19	0	0.0	0	0.0	2	0.1**
	20-24	0	0.0	0	0.0	4	0.3**
	25-44	0	0.0	3	0.1**	4	0.1**
	45-64	0	0.0	2	<0.1**	7	0.1
	65+	0	0.0	0	0.0	3	0.1**
Gender	Female	0	0.0	*	*	3	<0.1**
	Male	0	0.0	*	*	17	0.2
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	0	0.0	6	0.1**	19	0.2
	Black Non-Hispanic	0	0.0	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	0	0.0	0	0.0

<b>Percent Traumatic Brain Injury</b>	n/a	28%	5%
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<b>Mean Charge per Hospitalization or ED Visit</b>	n/a	\$153,859	\$5,603
<b>One Year Total Hospitalization or ED Visit Charges</b>	n/a	\$923,151	\$112,058
<b>Three Year Total Hospitalization or ED Visit Charges</b>	n/a	\$2,769,453	\$336,173

<b>Average Length of Hospital Stay (Days)</b>	n/a	8	n/a
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<sup>†</sup>The incidence of ED visits does not include patients who were subsequently admitted into the hospital

Rate = Frequency / Population \* 100,000

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# Incidence of Unintentional Pedestrian Injuries

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

### Madison 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	*	*	3	0.0**	10	0.1	
Age Group	0<1	0	0.0	0	0.0	0	0.0
	1-4	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	0	0.0
	20-24	0	0.0	0	0.0	0	0.0
	25-44	*	*	*	*	4	0.1**
	45-64	0	0.0	0	0.0	2	0.0**
	65+	0	0.0	*	*	*	*
Gender	Female	0	0.0	*	*	5	0.0**
	Male	*	*	*	*	5	0.1**
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	3	0.0**	10	0.1
	Black Non-Hispanic	0	0.0	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

<b>Percent Traumatic Brain Injury</b>	*	60%	10%
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<b>Mean Charge per Hospitalization or ED Visit</b>	n/a	\$83,947	\$4,121
<b>One Year Total Hospitalization or ED Visit Charges</b>	n/a	\$279,823	\$42,586
<b>Three Year Total Hospitalization or ED Visit Charges</b>	n/a	\$839,469	\$127,757

<b>Average Length of Hospital Stay (Days)</b>	n/a	6	n/a
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# Incidence of Unintentional Pedal Cycle Injuries

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

### Madison 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	0	0.0	*	*	11	0.1
Age Group	0<1	0	0	0.0	0	0.0
	1-4	0	0	0.0	0	0.0
	5-9	0	0.0	0	0.0	*
	10-14	0	0.0	0	0.0	2
	15-19	0	0.0	0	0.0	*
	20-24	0	0.0	0	0.0	2
	25-44	0	0.0	0	0.0	2
	45-64	0	0.0	0	0.0	3
	65+	0	0.0	*	*	0
Gender	Female	0	0	0.0	2	0.0**
	Male	0	0.0	*	*	9
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	0	0.0	*	*	11
	Black Non-Hispanic	0	0.0	0	0.0	0
	American Indian/Alaskan Native	0	0.0	0	0.0	0
	Asian Pacific Islander	0	0.0	0	0.0	0
	Hispanic	0	0.0	0	0.0	0
	Hispanic	0	0.0	0	0.0	0
	Hispanic	0	0.0	0	0.0	0

<b>Percent Traumatic Brain Injury</b>	n/a	0%	0%
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<b>Mean Charge per Hospitalization or ED Visit</b>	n/a	\$33,678	\$1,914
<b>One Year Total Hospitalization or ED Visit Charges</b>	n/a	\$33,678	\$21,688
<b>Three Year Total Hospitalization or ED Visit Charges</b>	n/a	\$101,033	\$65,065

<b>Average Length of Hospital Stay (Days)</b>	n/a	2	n/a
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