

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Wayne 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	13	0.1	62	0.3	579	3.0	
Age Group	0<1	0	0	0.0	3	1.5**	
	1-4	0	0	0.0	7	0.8	
	5-9	0	0.0	*	15	1.3	
	10-14	0	0.0	0	21	1.9	
	15-19	*	*	*	66	5.5	
	20-24	*	*	5	0.4**	74	5.7
	25-44	3	<0.1**	12	0.2	182	3.4
	45-64	3	0.1**	21	0.4	147	2.8
	65+	5	0.2**	18	0.5	63	1.9
Gender	Female	3	<0.1**	26	0.3	311	3.1
	Male	9	0.1	36	0.4	267	2.8
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	12	0.1	56	0.5	489	4.4
	Black Non-Hispanic	0	0.0	2	0.1**	41	1.4
	American Indian/Alaskan Native	0	0.0	0	0.0	2	2.4**
	Asian Pacific Islander	0	0.0	0	0.0	3	0.1**
	Hispanic	0	0.0	2	0.0**	25	0.6

Percent Traumatic Brain Injury	24%	34%	6%
---------------------------------------	-----	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$72,531	\$3,599
One Year Total Hospitalization or ED Visit Charges	n/a	\$4,472,738	\$2,082,800
Three Year Total Hospitalization or ED Visit Charges	n/a	\$13,418,213	\$6,248,399

Average Length of Hospital Stay (Days)	n/a	9	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

Incidence of Unintentional Occupant Injuries

Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits

Wayne 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**	48	0.2	498	2.5	
Age Group	0<1	0	0	0.0	3	1.2**	
	1-4	0	0	0.0	6	0.7**	
	5-9	0	0.0	*	12	1.1	
	10-14	0	0.0	0	17	1.5	
	15-19	0	0.0	*	58	4.9	
	20-24	0	0.0	4	0.3**	66	5.0
	25-44	0	0.0	10	0.2	157	2.9
	45-64	*	*	15	0.3	124	2.4
	65+	*	*	15	0.5	55	1.7
Gender	Female	*	*	23	0.2	282	2.8
	Male	*	*	25	0.3	217	2.3
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	2	<0.1**	45	0.4	419	3.8
	Black Non-Hispanic	0	0.0	*	*	36	1.2
	American Indian/Alaskan Native	0	0.0	0	0.0	*	*
	Asian Pacific Islander	0	0.0	0	0.0	*	*
	Hispanic	0	0.0	*	*	21	0.6

Percent Traumatic Brain Injury	14%	30%	6%
---------------------------------------	-----	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$73,852	\$3,503
One Year Total Hospitalization or ED Visit Charges	n/a	\$3,569,510	\$1,745,549
Three Year Total Hospitalization or ED Visit Charges	n/a	\$10,708,530	\$5,236,648

Average Length of Hospital Stay (Days)	n/a	10	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

Incidence of Unintentional Motorcycle Injuries

Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits

Wayne 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	*	*	8	<0.1	28	0.1	
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	*	*	2	0.2**
	25-44	0	0.0	2	<0.1**	10	0.2
	45-64	0	0.0	3	0.1**	10	0.2
	65+	0	0.0	*	*	3	0.1**
Gender	Female	0	0.0	*	*	7	0.1
	Male	*	*	*	*	21	0.2
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	*	*	*	*
	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	*	*

Percent Traumatic Brain Injury	*	44%	1%
---------------------------------------	---	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$62,592	\$5,232
One Year Total Hospitalization or ED Visit Charges	n/a	\$479,875	\$144,758
Three Year Total Hospitalization or ED Visit Charges	n/a	\$1,439,624	\$434,273

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

Incidence of Unintentional Pedal Cycle Injuries

Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits

Wayne 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	2	<0.1**	11	0.1
Age Group	0<1	0	0	0.0	0	0.1
	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	*
	25-44	0	0.0	0	0.0	2
	45-64	0	0.0	*	*	3
	65+	0	0.0	0	0.0	0
Gender	Female	0	0.0	0	0.0	3
	Male	0	0.0	2	<0.1**	8
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	0	0.0	*	*	9
	Black Non-Hispanic	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	0.0	0	0.0	*

Percent Traumatic Brain Injury	n/a	60%	6%
--------------------------------	-----	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$136,521	\$3,005
One Year Total Hospitalization or ED Visit Charges	n/a	\$227,536	\$32,052
Three Year Total Hospitalization or ED Visit Charges	n/a	\$682,607	\$96,155

Average Length of Hospital Stay (Days)	n/a	10	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

Incidence of Unintentional Pedestrian Injuries

Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits

Wayne 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	<0.1**	15	0.1	
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	0	0.0
	15-19	0	0.0	*	*	2	0.2**
	20-24	0	0.0	0	0.0	3	0.2**
	25-44	0	0.0	0	0.0	5	0.1**
	45-64	0	0.0	*	*	3	0.1**
	65+	*	*	0	0.0	2	0.1**
Gender	Female	0	0.0	*	*	6	0.1**
	Male	*	*	*	*	9	0.1
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	3	<0.1**	12	0.1
	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	*	*

Percent Traumatic Brain Injury	*	50%	2%
---------------------------------------	---	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$55,240	\$4,131
One Year Total Hospitalization or ED Visit Charges	n/a	\$184,135	\$63,340
Three Year Total Hospitalization or ED Visit Charges	n/a	\$552,404	\$190,021

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