

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Essex 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	180	0.9	
Age Group	0<1	0	0	0.0	0	0.1	
	1-4	0	0	0	4	0.5**	
	5-9	0	0.0	0	3	0.3**	
	10-14	0	0.0	0	5	0.5**	
	15-19	0	0.0	0	16	1.3	
	20-24	0	0.0	0	26	2.0	
	25-44	*	*	2	0.0**	57	1.1
	45-64	*	*	5	0.1**	47	0.9
	65+	*	*	3	0.1**	21	0.7
Gender	Female	*	*	3	0.0**	92	0.9
	Male	*	*	7	0.1	88	0.9
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	3	0.0**	10	0.1	170	1.5
	Black Non-Hispanic	0	0.0	0	0.0	3	0.1**
	American Indian/Alaskan Native	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	25%	23%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$71,805	\$4,272
One Year Total Hospitalization or ED Visit Charges	n/a	\$741,987	\$768,995
Three Year Total Hospitalization or ED Visit Charges	n/a	\$2,225,962	\$2,306,985

Average Length of Hospital Stay (Days)	n/a	8	n/a
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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

Essex 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	0.0**	8	<0.1	156	0.8	
Age Group	0<1	0	0	0.0	0	0.1	
	1-4	0	0	0.0	4	0.4**	
	5-9	0	0.0	0	0.0	0.2**	
	10-14	0	0.0	0	0.0	0.4**	
	15-19	0	0.0	0	0.0	1.2	
	20-24	0	0.0	0	0.0	1.7	
	25-44	*	*	2	0.0**	49	0.9
	45-64	0	0.0	3	0.1**	40	0.8
	65+	0	0.0	3	0.1**	19	0.6
Gender	Female	0	0.0	2	0.0**	86	0.9
	Male	*	*	5	0.1**	70	0.7
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	2	<0.1**	8	0.1	148	1.4
	Black Non-Hispanic	0	0.0	0	0.0	*	*
	American Indian/Alaskan Native	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	40%	17%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$80,372	\$4,069
One Year Total Hospitalization or ED Visit Charges	n/a	\$616,187	\$633,333
Three Year Total Hospitalization or ED Visit Charges	n/a	\$1,848,561	\$1,899,999

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

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Incidence of Unintentional Motorcycle Injuries

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

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

Percent Traumatic Brain Injury	n/a	40%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$66,152	\$5,462
One Year Total Hospitalization or ED Visit Charges	n/a	\$110,253	\$60,086
Three Year Total Hospitalization or ED Visit Charges	n/a	\$330,759	\$180,257

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

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Incidence of Unintentional Pedestrian Injuries

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

Essex 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	0	0.0	4	<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	0.0
	20-24	0	0.0	0	0.0	*
	25-44	0	0.0	0	0.0	*
	45-64	0	0.0	0	0.0	*
	65+	0	0.0	0	0.0	0
Gender	Female	0	0	0.0	2	<0.1**
	Male	0	0.0	0	2	<0.1**
	Unknown	0	n/a	0	n/a	n/a
Race/Ethnicity	White Non-Hispanic	0	0.0	0	3	<0.1**
	Black Non-Hispanic	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	0.0	0.0

Percent Traumatic Brain Injury	n/a	n/a	0%
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Mean Charge per Hospitalization or ED Visit	n/a	n/a	\$5,912
One Year Total Hospitalization or ED Visit Charges	n/a	n/a	\$23,649
Three Year Total Hospitalization or ED Visit Charges	n/a	n/a	\$70,946

Average Length of Hospital Stay (Days)	n/a	n/a	n/a
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Rate = Frequency / Population * 100,000

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Incidence of Unintentional Pedal Cycle Injuries

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

Essex 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	*	*	4	<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	*
	15-19	0	0.0	0	0.0	*
	20-24	0	0.0	0	0.0	0
	25-44	0	0.0	0	0.0	0
	45-64	0	0.0	*	*	*
	65+	0	0.0	0	0.0	0
Gender	Female	0	0	0.0	*	*
	Male	0	0.0	*	*	*
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	0	0.0	*	*	4
	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

Percent Traumatic Brain Injury	n/a	*	8%
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Mean Charge per Hospitalization or ED Visit	n/a	*	\$3,058
One Year Total Hospitalization or ED Visit Charges	n/a	*	\$12,232
Three Year Total Hospitalization or ED Visit Charges	n/a	*	\$36,695

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