

Incidence of Unintentional Motor Vehicle Traffic Injuries

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

Suffolk 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	126	0.6	1,201	6.1	16,018	81.7	
Age Group	0<1	0	0.0	*	81	35.3	
	1-4	0	0.0	*	325	35.5	
	5-9	0	0.0	10	0.9	396	35.2
	10-14	2	0.2**	17	1.5	464	41.4
	15-19	6	0.5**	69	5.8	1,507	126.1
	20-24	13	1.0	113	8.6	2,051	156.3
	25-44	42	0.8	328	6.1	5,784	108.4
	45-64	36	0.7	361	7.0	4,102	79.5
	65+	27	0.8	295	9.1	1,308	40.6
Gender	Female	29	0.3	472	4.7	8,711	86.3
	Male	97	1.0	728	7.6	7,307	76.7
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	100	0.9	726	6.6	7,485	68.0
	Black Non-Hispanic	16	0.5	134	4.5	2,617	88.2
	American Indian/Alaskan Native	0	0.0	*	*	27	37.8
	Asian Pacific Islander	2	0.1**	*	*	312	17.4
	Hispanic	3	0.1**	222	5.9	4,304	114.1

Percent Traumatic Brain Injury	32%	27%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$110,266	\$5,044
One Year Total Hospitalization or ED Visit Charges	n/a	\$132,392,867	\$80,790,450
Three Year Total Hospitalization or ED Visit Charges	n/a	\$397,178,600	\$242,371,351

Average Length of Hospital Stay (Days)	n/a	7	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

Suffolk 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	28	0.1	844	4.3	14,569	74.3	
Age Group	0<1	0	*	*	79	34.7	
	1-4	0	*	*	309	33.7	
	5-9	0	0.0	6	0.6**	364	32.4
	10-14	*	*	10	0.9	377	33.6
	15-19	*	*	50	4.2	1,351	113.0
	20-24	3	0.3**	76	5.8	1,889	143.9
	25-44	7	0.1	221	4.1	5,293	99.2
	45-64	8	0.2	228	4.4	3,700	71.7
	65+	5	0.2**	247	7.7	1,208	37.5
Gender	Female	8	0.1	399	4.0	8,226	81.5
	Male	20	0.2	445	4.7	6,344	66.6
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	21	0.2	527	4.8	6,745	61.1
	Black Non-Hispanic	*	*	96	3.2	2,401	80.9
	American Indian/Alaskan Native	0	0.0	*	*	23	32.1
	Asian Pacific Islander	0	0.0	*	*	290	16.1
	Hispanic	*	*	147	3.9	3,951	104.7

Percent Traumatic Brain Injury	20%	25%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$97,940	\$4,803
One Year Total Hospitalization or ED Visit Charges	n/a	\$82,628,886	\$69,981,988
Three Year Total Hospitalization or ED Visit Charges	n/a	\$247,886,658	\$209,945,964

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

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Incidence of Unintentional Motorcycle Injuries

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

Suffolk 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	17	0.1	133	0.7	274	1.4
Age Group	0<1	0	0	0.0	0	0.0
	1-4	0	0	0.0	*	*
	5-9	0	0.0	0	0.0	*
	10-14	0	0.0	*	*	2
	15-19	*	*	*	*	16
	20-24	3	0.2**	21	1.6	43
	25-44	7	0.1	48	0.9	117
	45-64	5	0.1**	50	1.0	83
	65+	*	*	8	0.3	10
Gender	Female	0	0.0	11	0.1	30
	Male	17	0.2	122	1.3	243
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	13	0.1	81	0.7	157
	Black Non-Hispanic	*	*	*	*	37
	American Indian/Alaskan Native	0	0.0	0	0.0	*
	Asian Pacific Islander	*	*	*	*	*
	Hispanic	*	*	25	0.7	56

Percent Traumatic Brain Injury	29%	24%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$127,899	\$10,826
One Year Total Hospitalization or ED Visit Charges	n/a	\$17,010,555	\$2,962,645
Three Year Total Hospitalization or ED Visit Charges	n/a	\$51,031,664	\$8,887,936

Average Length of Hospital Stay (Days)	n/a	8	n/a
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Rate = Frequency / Population * 100,000

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Incidence of Unintentional Pedestrian Injuries

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

Suffolk 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	38	0.2	140	0.7	428	2.2	
Age Group	0<1	0	0.0	*	*	0	0.0
	1-4	0	0.0	*	*	5	0.5**
	5-9	0	0.0	3	0.2**	9	0.8
	10-14	0	0.0	3	0.3**	17	1.5
	15-19	0	0.0	7	0.6	46	3.8
	20-24	*	*	12	0.9	43	3.3
	25-44	15	0.3	41	0.8	143	2.7
	45-64	12	0.2	49	0.9	127	2.5
	65+	*	*	24	0.7	38	1.2
Gender	Female	12	0.1	44	0.4	164	1.6
	Male	25	0.3	96	1.0	264	2.8
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	30	0.3	64	0.6	204	1.9
	Black Non-Hispanic	4	0.1**	18	0.6	74	2.5
	American Indian/Alaskan Native	0	0.0	0	0.0	0	0.0
	Asian Pacific Islander	*	*	4	0.2**	8	0.4
	Hispanic	*	*	35	0.9	103	2.7

Percent Traumatic Brain Injury	37%	40%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$170,073	\$8,560
One Year Total Hospitalization or ED Visit Charges	n/a	\$23,810,213	\$3,660,980
Three Year Total Hospitalization or ED Visit Charges	n/a	\$71,430,638	\$10,982,940

Average Length of Hospital Stay (Days)	n/a	12	n/a
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Incidence of Unintentional Pedal Cycle Injuries

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

Suffolk 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	4	<0.1**	58	0.3	313	1.6	
Age Group	0<1	0	0	0.0	0	0.0	
	1-4	0	0	0.0	2	0.3**	
	5-9	0	0.0	*	12	1.1	
	10-14	*	*	4	0.4**	63	5.7
	15-19	0	0.0	5	0.4**	53	4.5
	20-24	0	0.0	*	*	21	1.6
	25-44	*	*	12	0.2	70	1.3
	45-64	*	*	26	0.5	75	1.5
	65+	*	*	8	0.2	16	0.5
Gender	Female	0	0.0	6	0.1**	47	0.5
	Male	3	<0.1**	52	0.5	266	2.8
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	34	0.3	163	1.5
	Black Non-Hispanic	*	*	*	*	43	1.5
	American Indian/Alaskan Native	0	0.0	0	0.0	*	*
	Asian Pacific Islander	0	0.0	*	*	*	*
	Hispanic	0	0.0	12	0.3	75	2.0

Percent Traumatic Brain Injury	45%	46%	6%
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Mean Charge per Hospitalization or ED Visit	n/a	\$121,031	\$7,245
One Year Total Hospitalization or ED Visit Charges	n/a	\$7,060,121	\$2,267,565
Three Year Total Hospitalization or ED Visit Charges	n/a	\$21,180,363	\$6,802,695

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