

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits New York State 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	1,076	5.5	9,635	49.1	138,229	704.7	
Age Group	0<1	*	8	3.4	616	269.3	
	1-4	*	63	6.9	2,373	259.3	
	5-9	9	0.8	131	11.7	3,461	307.9
	10-14	11	1.0	207	18.5	4,305	384.4
	15-19	54	4.5	490	41.0	11,025	922.4
	20-24	105	8.0	796	60.6	17,468	1,331.2
	25-44	307	5.7	2,691	50.4	53,535	1,003.1
	45-64	284	5.5	2,836	55.0	34,038	659.8
	65+	295	9.2	2,413	74.9	11,407	353.8
Gender	Female	288	2.9	3,773	37.4	71,117	704.8
	Male	788	8.3	5,861	61.5	67,104	704.5
	Unknown	0	n/a	2	n/a	8	n/a
Race/Ethnicity	White Non-Hispanic	750	6.8	5,054	45.9	54,073	491.3
	Black Non-Hispanic	124	4.2	1,453	49.0	34,288	1,155.7
	American Indian/Alaskan Native	3	4.2**	25	35.9	379	536.9
	Asian Pacific Islander	34	1.9	361	20.1	6,225	346.1
	Hispanic	105	2.8	1,437	38.1	22,466	595.5

Percent Traumatic Brain Injury	37%	27%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$91,994	\$4,210
One Year Total Hospitalization or ED Visit Charges	n/a	\$886,392,957	\$581,939,294
Three Year Total Hospitalization or ED Visit Charges	n/a	\$2,659,178,872	\$1,745,817,882

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

*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

New York State 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	221	1.1	5,479	27.9	114,907	585.8	
Age Group	0<1	0	6	2.8**	590	258.0	
	1-4	*	26	2.8	2,116	231.3	
	5-9	*	52	4.6	2,795	248.6	
	10-14	3	0.2**	71	6.4	2,869	256.2
	15-19	15	1.3	297	24.8	8,919	746.2
	20-24	28	2.1	462	35.2	14,567	1,110.1
	25-44	57	1.1	1,418	26.6	44,842	840.2
	45-64	56	1.1	1,485	28.8	28,477	552.0
	65+	60	1.9	1,662	51.6	9,731	301.8
Gender	Female	59	0.6	2,570	25.5	63,010	624.5
	Male	162	1.7	2,909	30.5	51,890	544.8
	Unknown	0	n/a	*	n/a	6	n/a
Race/Ethnicity	White Non-Hispanic	175	1.6	3,276	29.8	45,805	416.2
	Black Non-Hispanic	20	0.7	732	24.7	29,102	980.9
	American Indian/Alaskan Native	*	*	15	20.8*	317	449.5
	Asian Pacific Islander	*	*	157	8.7	4,966	276.1
	Hispanic	7	0.2	666	17.6	17,945	475.7

Percent Traumatic Brain Injury	31%	25%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$85,671	\$3,992
One Year Total Hospitalization or ED Visit Charges	n/a	\$469,421,382	\$458,742,890
Three Year Total Hospitalization or ED Visit Charges	n/a	\$1,408,264,145	\$1,376,228,670

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

New York State 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	139	0.7	1,337	6.8	4,731	24.1	
Age Group	0<1	0	0	0.0	0	0.1	
	1-4	0	0	0.0	13	1.4	
	5-9	0	0.0	3	0.2**	58	5.1
	10-14	0	0.0	7	0.6	120	10.7
	15-19	4	0.3**	44	3.7	305	25.5
	20-24	16	1.2	165	12.6	717	54.6
	25-44	68	1.3	562	10.5	2,175	40.7
	45-64	39	0.8	458	8.9	1,160	22.5
	65+	11	0.3	98	3.1	184	5.7
Gender	Female	11	0.1	140	1.4	644	6.4
	Male	128	1.3	1,197	12.6	4,086	42.9
	Unknown	0	n/a	0	n/a	*	*
Race/Ethnicity	White Non-Hispanic	101	0.9	735.0	6.7	2,169.0	19.7
	Black Non-Hispanic	11	0.4**	181.0	6.1	763.0	25.7
	American Indian/Alaskan Native	0	0.0	*	*	9	12.3*
	Asian Pacific Islander	2	0.1**	*	*	160	8.9
	Hispanic	14	0.4**	219	5.8	933	24.7

Percent Traumatic Brain Injury	35%	25%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$104,123	\$6,788
One Year Total Hospitalization or ED Visit Charges	n/a	\$139,247,399	\$32,118,036
Three Year Total Hospitalization or ED Visit Charges	n/a	\$417,742,198	\$96,354,108

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

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Incidence of Unintentional Pedestrian Injuries

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

New York State 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	315	1.6	2,055	10.5	10,218	52.1	
Age Group	0<1	0	0.0	*	*	12	5.2**
	1-4	6	0.7**	*	*	153	16.8
	5-9	4	0.3**	62	5.5	321	28.5
	10-14	3	0.2**	94	8.4	680	60.7
	15-19	7	0.6**	90	7.6	903	75.6
	20-24	13	1.0**	114	8.7	1,090	83.1
	25-44	71	1.3	479	9.0	3,437	64.4
	45-64	95	1.8	647	12.5	2,576	49.9
	65+	117	3.6	533	16.5	1,046	32.5
Gender	Male	203	2.1	1,160	12.2	5,255	55.2
	Female	111	1.1	895	8.9	4,962	49.2
	Unknown	0	n/a	0	n/a	*	n/a
Race/Ethnicity	White Non-Hispanic	175	1.6	690	6.3	2,899	26.3
	Black Non-Hispanic	43	1.4	420	14.1	2,712	91.4
	American Indian/Alaskan Native	*	*	7	9.9**	27	38.7
	Asian Pacific Islander	*	*	145	8.1	768	42.7
	Hispanic	59	1.6	410	10.9	1,938	51.4

Percent Traumatic Brain Injury	45%	34%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$107,080	\$5,363
One Year Total Hospitalization or ED Visit Charges	n/a	\$220,014,077	\$54,802,320
Three Year Total Hospitalization or ED Visit Charges	n/a	\$660,042,231	\$164,406,961

Average Length of Hospital Stay (Days)	n/a	8	n/a
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Incidence of Unintentional Pedal Cycle Injuries

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

New York State 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	553	2.8	5,111	26.1	
Age Group	0<1	0	0	0.0	*	*	
	1-4	0	*	*	40	4.4	
	5-9	*	*	11	1.0	220	19.6
	10-14	*	*	33	2.9	560	50.0
	15-19	3	0.2**	45	3.8	652	54.6
	20-24	3	0.2**	39	2.9	666	50.8
	25-44	9	0.2	174	3.3	1,797	33.7
	45-64	12	0.2	186	3.6	990	19.2
	65+	8	0.2	64	2.0	186	5.8
Gender	Male	34	0.4	478	5.0	4,297	45.1
	Female	4	0.0**	75	0.7	813	8.1
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	24	0.2	233	2.1	1,836	16.7
	Black Non-Hispanic	*	*	87	2.9	947	31.9
	American Indian/Alaskan Native	0	0.0	*	*	14	20.3**
	Asian Pacific Islander	*	*	*	*	216	12.0
	Hispanic	7	0.2**	119	3.2	1,161	30.8

Percent Traumatic Brain Injury	49%	35%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$75,522	\$4,866
One Year Total Hospitalization or ED Visit Charges	n/a	\$41,738,652	\$24,868,550
Three Year Total Hospitalization or ED Visit Charges	n/a	\$125,215,955	\$74,605,649

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