

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Nassau 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	76	0.4	873	4.5	13,018	66.4	
Age Group	0<1	0	0	0.0	61	26.5	
	1-4	*	3	0.3**	211	23.0	
	5-9	0	0.0	7	0.6	277	24.7
	10-14	*	15	1.4	388	34.7	
	15-19	4	0.3**	47	3.9	1,058	88.5
	20-24	7	0.5	63	4.8	1,624	123.8
	25-44	17	0.3	216	4.0	4,713	88.3
	45-64	22	0.4	254	4.9	3,454	66.9
	65+	24	0.7	268	8.3	1,232	38.2
Gender	Female	21	0.2	382	3.8	6,972	69.1
	Male	54	0.6	491	5.2	6,046	63.5
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	48	0.4	433	3.9	4,323	39.3
	Black Non-Hispanic	13	0.4	126	4.2	2,958	99.7
	American Indian/Alaskan Native	0	0.0	*	*	23	32.6
	Asian Pacific Islander	5	0.3**	*	*	817	45.4
	Hispanic	3	0.1**	161	4.3	2,294	60.8

Percent Traumatic Brain Injury	51%	33%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$100,788	\$6,170
One Year Total Hospitalization or ED Visit Charges	n/a	\$88,021,430	\$80,322,728
Three Year Total Hospitalization or ED Visit Charges	n/a	\$264,064,289	\$240,968,184

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

Nassau 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	24	0.1	579	3.0	11,597	59.1
Age Group	0<1	0	0	0.0	58	25.5
	1-4	0	2	0.2**	198	21.6
	5-9	0	4	0.4**	248	22.1
	10-14	*	6	0.5**	287	25.7
	15-19	*	32	2.7	922	77.1
	20-24	2	44	3.4	1,470	112.1
	25-44	5	133	2.5	4,249	79.6
	45-64	5	155	3.0	3,065	59.4
	65+	9	203	6.3	1,099	34.1
Gender	Female	7	294	2.9	6,482	64.2
	Male	17	285	3.0	5,114	53.7
	Unknown	0	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	17	313	2.8	3,836	34.8
	Black Non-Hispanic	4	82	2.8	2,701	91.0
	American Indian/Alaskan Native	0	*	*	21	30.2
	Asian Pacific Islander	*	*	*	742	41.3
	Hispanic	*	95	2.5	2,026	53.7

Percent Traumatic Brain Injury	44%	30%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$83,109	\$5,757
One Year Total Hospitalization or ED Visit Charges	n/a	\$48,092,201	\$66,761,858
Three Year Total Hospitalization or ED Visit Charges	n/a	\$144,276,602	\$200,285,574

Average Length of Hospital Stay (Days)	n/a	4	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

Nassau 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	81	0.4	220	1.1
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	*	*	4
	15-19	0	0.0	*	*	9
	20-24	*	*	11	0.8	39
	25-44	3	0.1**	35	0.6	96
	45-64	*	*	27	0.5	57
	65+	0	0.0	6	0.2**	10
Gender	Female	0	0.0	5	0.1**	17
	Male	7	0.1	76	0.8	203
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	4	<0.1**	41	0.4	98
	Black Non-Hispanic	*	*	12	0.4	40
	American Indian/Alaskan Native	0	0.0	0	0.0	0
	Asian Pacific Islander	0	0.0	3	0.2**	11
	Hispanic	*	*	15	0.4	28

Percent Traumatic Brain Injury	52%	30%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$124,605	\$11,482
One Year Total Hospitalization or ED Visit Charges	n/a	\$10,134,570	\$2,522,260
Three Year Total Hospitalization or ED Visit Charges	n/a	\$30,403,710	\$7,566,781

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

Nassau 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	30	0.2	163	0.8	651	3.3	
Age Group	0<1	0	0	0.0	*	*	
	1-4	0	0	*	*	*	
	5-9	0	0.0	*	*	15	1.4
	10-14	0	0.0	6	0.5**	40	3.6
	15-19	*	*	8	0.6	64	5.4
	20-24	*	*	7	0.6	56	4.3
	25-44	6	0.1**	36	0.7	199	3.7
	45-64	10	0.2	54	1.1	188	3.6
	65+	12	0.4	50	1.5	82	2.5
Gender	Female	10	0.1	73	0.7	308	3.1
	Male	20	0.2	90	0.9	343	3.6
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	18	0.2	59	0.5	202	1.8
	Black Non-Hispanic	5	0.2**	24	0.8	118	4.0
	American Indian/Alaskan Native	0	0.0	0	0.0	*	*
	Asian Pacific Islander	*	*	13	0.7	*	*
	Hispanic	*	*	39	1.0	127	3.4

Percent Traumatic Brain Injury	57%	44%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$150,981	\$10,577
One Year Total Hospitalization or ED Visit Charges	n/a	\$24,609,844	\$6,888,980
Three Year Total Hospitalization or ED Visit Charges	n/a	\$73,829,531	\$20,666,939

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 Pedal Cycle Injuries

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

Nassau 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**	38	0.2	309	1.6	
Age Group	0<1	0	0	0.0	0	0.0	
	1-4	0	0	0.0	2	0.2**	
	5-9	0	0.0	*	*	8	0.7
	10-14	0	0.0	2	0.2**	52	4.6
	15-19	*	*	4	0.4**	50	4.2
	20-24	0	0.0	*	*	29	2.2
	25-44	0	0.0	10	0.2	75	1.4
	45-64	2	<0.1**	14	0.3	76	1.5
	65+	*	*	5	0.2**	17	0.5
Gender	Female	*	*	4	<0.1**	45	0.4
	Male	*	*	34	0.4	264	2.8
	Unknown	0	n/a	0	n/a	0	0.0
Race/Ethnicity	White Non-Hispanic	2	<0.1**	15	0.1	97	0.9
	Black Non-Hispanic	*	*	*	*	47	1.6
	American Indian/Alaskan Native	0	0.0	0	0.0	0	0.0
	Asian Pacific Islander	*	*	*	*	14	0.8
	Hispanic	0	0.0	10	0.3	76	2.0

Percent Traumatic Brain Injury	69%	43%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$97,934	\$9,784
One Year Total Hospitalization or ED Visit Charges	n/a	\$3,754,129	\$3,026,505
Three Year Total Hospitalization or ED Visit Charges	n/a	\$11,262,386	\$9,079,515

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