

Incidence of Unintentional Motor Vehicle Injuries

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

Queens 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	99	0.5	861	4.4	16,386	83.5	
Age Group	0<1	0	0.1	*	*	85	37.1
	1-4	*	*	*	*	299	32.7
	5-9	*	*	9	0.8	425	37.8
	10-14	*	*	19	1.7	514	45.9
	15-19	4	0.3**	35	2.9	954	79.8
	20-24	12	0.9	61	4.6	2,029	154.6
	25-44	23	0.4	261	4.9	6,898	129.2
	45-64	26	0.5	258	5.0	4,021	78.0
	65+	31	1.0	212	6.6	1,161	36.0
Gender	Female	25	0.2	338	3.3	7,649	75.8
	Male	74	0.8	523	5.5	8,737	91.7
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	29	0.3	191	1.7	2,312	21.0
	Black Non-Hispanic	9	0.3	155	5.2	4,175	141.0
	American Indian/Alaskan Native	0	0.0	3	4.2**	62	88.3
	Asian Pacific Islander	12	0.7	138	7.7	2,860	159.0
	Hispanic	33	0.9	192	5.1	3,547	94.0

Percent Traumatic Brain Injury	52%	26%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$89,169	\$3,603
One Year Total Hospitalization or ED Visit Charges	n/a	\$76,744,894	\$59,032,064
Three Year Total Hospitalization or ED Visit Charges	n/a	\$230,234,681	\$177,096,192

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

Queens 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	14	0.1	371	1.9	12,846	65.5	
Age Group	0<1	0	*	*	80	35.1	
	1-4	0	*	*	258	28.2	
	5-9	0	0.0	3	0.3**	325	28.9
	10-14	0	0.0	5	0.4**	294	26.3
	15-19	2	0.2**	17	1.5	647	54.1
	20-24	3	0.2**	29	2.2	1,569	119.6
	25-44	3	0.1**	111	2.1	5,532	103.6
	45-64	4	0.1**	105	2.0	3,237	62.7
	65+	3	0.1**	97	3.0	904	28.0
Gender	Female	4	<0.1**	174	1.7	6,396	63.4
	Male	10	0.1**	197	2.1	6,450	67.7
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	3	<0.1**	92	0.8	1,760	16.0
	Black Non-Hispanic	3	0.1**	80	2.7	3,621	122.1
	American Indian/Alaskan Native	0	0.0	*	*	50	70.8
	Asian Pacific Islander	3	0.2**	*	*	2,254	125.4
	Hispanic	2	0.1**	74	2.0	2,481	65.8

Percent Traumatic Brain Injury	24%	21%	2%
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Mean Charge per Hospitalization or ED Visit	n/a	\$87,922	\$3,425
One Year Total Hospitalization or ED Visit Charges	n/a	\$32,589,922	\$43,992,151
Three Year Total Hospitalization or ED Visit Charges	n/a	\$97,769,766	\$131,976,452

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

Queens 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	12	0.1	117	0.6	681	3.5	
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	0	0.0	10	0.9
	10-14	0	0.0	0	0.0	25	2.2
	15-19	0	0.0	5	0.4**	55	4.6
	20-24	2	0.1**	15	1.1	124	9.5
	25-44	7	0.1	62	1.2	341	6.4
	45-64	3	0.1**	32	0.6	113	2.2
	65+	0	0.0	4	0.1**	10	0.3
Gender	Female	2	<0.1**	10	0.1	70	0.7
	Male	10	0.1	108	1.1	611	6.4
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	3	<0.1**	21	0.2	113	1.0
	Black Non-Hispanic	*	*	28	0.9	88	3.0
	American Indian/Alaskan Native	0	0.0	0	0.0	2	3.3**
	Asian Pacific Islander	*	*	11	0.6	78	4.3
	Hispanic	5	0.1**	34	0.9	276	7.3

Percent Traumatic Brain Injury	42%	20%	5%
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Mean Charge per Hospitalization or ED Visit	n/a	\$91,550	\$4,866
One Year Total Hospitalization or ED Visit Charges	n/a	\$10,741,856	\$3,313,733
Three Year Total Hospitalization or ED Visit Charges	n/a	\$32,225,569	\$9,941,199

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

Queens 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	47	0.2	298	1.5	1,793	9.1	
Age Group	0<1	0	0	0.0	3	1.3**	
	1-4	*	3	0.4**	29	3.2	
	5-9	*	5	0.5**	59	5.3	
	10-14	0	11	1.0	127	11.4	
	15-19	0	8	0.7	145	12.1	
	20-24	*	11	0.8	189	14.4	
	25-44	6	0.1**	59	1.1	572	10.7
	45-64	15	0.3	100	1.9	464	9.0
	65+	23	0.7	101	3.1	204	6.3
Gender	Female	15	138	1.4	934	9.3	
	Male	31	160	1.7	859	9.0	
	Unknown	0	0	n/a	0	n/a	
Race/Ethnicity	White Non-Hispanic	12	65	0.6	276	2.5	
	Black Non-Hispanic	4	*	*	283	9.6	
	American Indian/Alaskan Native	0	0.0	*	7	10.4	
	Asian Pacific Islander	6	0.4**	62	3.4	22.5	
	Hispanic	18	0.5	65	1.7	11.3	

Percent Traumatic Brain Injury	64%	33%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$94,389	\$4,457
One Year Total Hospitalization or ED Visit Charges	n/a	\$28,159,241	\$7,989,614
Three Year Total Hospitalization or ED Visit Charges	n/a	\$84,477,722	\$23,968,843

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

Queens 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**	53	0.3	683	3.5	
Age Group	0<1	0	0	0.0	0	0.0	
	1-4	0	0	0.0	4	0.4**	
	5-9	0	0.0	*	23	2.0	
	10-14	*	*	*	60	5.3	
	15-19	0	0.0	4	0.3**	92	7.7
	20-24	*	*	4	0.3**	100	7.6
	25-44	*	*	22	0.4	286	5.4
	45-64	*	*	15	0.3	101	2.0
	65+	*	*	6	0.2**	18	0.6
Gender	Female	*	*	6	0.1**	69	0.7
	Male	*	*	47	0.5	614	6.4
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	8	0.1	103	0.9
	Black Non-Hispanic	0	0.0	5	0.2**	*	*
	American Indian/Alaskan Native	0	0.0	0	0.0	*	*
	Asian Pacific Islander	0	0.0	10	0.6	75	4.2
	Hispanic	*	*	17	0.5	285	7.6

Percent Traumatic Brain Injury	46%	34%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$77,068	\$3,839
One Year Total Hospitalization or ED Visit Charges	n/a	\$4,110,279	\$2,623,502
Three Year Total Hospitalization or ED Visit Charges	n/a	\$12,330,836	\$7,870,506

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