

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Bronx 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	3.2	713	49.5	10,097	701.0	
Age Group	0<1	0	0.0	*	49	234.9	
	1-4	0	0.0	*	202	246.2	
	5-9	0	0.0	17	17.1	297.5	
	10-14	0	0.0	25	26.1	373.5	
	15-19	3	3.1**	37	38.1	585	607.7
	20-24	5	5.0**	71	66.8	1,260	1,191.7
	25-44	18	4.4	239	57.6	4,504	1,087.9
	45-64	11	3.2	215	63.1	2,341	685.7
	65+	8	4.3	103	55.7	502	272.1
Gender	Male	35	5.2	457	67.2	5,500	809.5
	Female	11	1.5	256	33.7	4,597	604.1
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	22	16.4	53	39.2	864	643.8
	Black Non-Hispanic	*	*	188	43.7	3,717	863.4
	American Indian/Alaskan Native	0	0.0	*	*	16	328.3
	Asian Pacific Islander	*	*	*	*	158	265.2
	Hispanic	12	1.5	305	37.6	3,398	419.0

Percent Traumatic Brain Injury	47%	24%	2%
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Mean Charge per Hospitalization or ED Visit	n/a	\$75,186	\$2,928
One Year Total Hospitalization or ED Visit Charges	n/a	\$53,607,590	\$29,560,298
Three Year Total Hospitalization or ED Visit Charges	n/a	\$160,822,771	\$88,680,894

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

Bronx 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	0.2**	260	18.1	7,666	532.2	
Age Group	0<1	0	0	0.0	46	220.4	
	1-4	0	*	*	175	212.5	
	5-9	0	0.0	*	234	231.6	
	10-14	0	0.0	4	4.6**	210	221.9
	15-19	0	0.0	10	10.7	359	372.7
	20-24	*	*	29	27.1	931	880.6
	25-44	0	0.0	89	21.5	3,516	849.2
	45-64	*	*	84	24.7	1,823	534.0
	65+	*	*	39	21.0	373	202.0
Gender	Male	3	0.4**	143	21.0	3,882	571.4
	Female	0	0.0	117	15.4	3,784	497.1
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	22	16.1	623	464.1
	Black Non-Hispanic	0	0.0	69	16.1	2,898	673.1
	American Indian/Alaskan Native	0	0.0	*	*	14	288.1
	Asian Pacific Islander	0	0.0	*	*	125	209.9
	Hispanic	*	*	106	13.1	2,499	308.1

Percent Traumatic Brain Injury	38%	19%	2%
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Mean Charge per Hospitalization or ED Visit	n/a	\$77,399	\$2,671
One Year Total Hospitalization or ED Visit Charges	n/a	\$20,149,565	\$20,477,766
Three Year Total Hospitalization or ED Visit Charges	n/a	\$60,448,694	\$61,433,298

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

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Incidence of Unintentional Motorcycle Injuries

Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Bronx 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	0.5	110	7.7	468	32.5	
Age Group	0<1	0	0.0	0	0.0	0	0.0
	1-4	0	0.0	0	0.0	*	*
	5-9	0	0.0	0	0.0	9	9.2
	10-14	0	0.0	*	*	12	12.7
	15-19	0	0.0	6	6.2**	39	40.5
	20-24	0	0.0	16	15.4	80	75.3
	25-44	5	1.1**	58	14.0	235	56.8
	45-64	2	0.5**	27	7.8	89	26.0
	65+	0	0.0	*	*	*	*
Gender	Male	7	1.0	97	14.3	415	61.1
	Female	0	0.0	13	1.7	53	7.0
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	*	*	35	25.8
	Black Non-Hispanic	0	0.0	25	5.9	126	29.2
	American Indian/Alaskan Native	0	0.0	0	0.0	*	*
	Asian Pacific Islander	0	0.0	*	*	*	*
	Hispanic	*	*	51	6.3	204	25.2

Percent Traumatic Brain Injury	43%	24%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$92,295	\$4,596
One Year Total Hospitalization or ED Visit Charges	n/a	\$10,183,235	\$2,150,782
Three Year Total Hospitalization or ED Visit Charges	n/a	\$30,549,705	\$6,452,345

Average Length of Hospital Stay (Days)	n/a	6	n/a
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Rate = Frequency / Population * 100,000

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Source: NYSDOH, Bureau of Occupational Health and Injury Prevention

www.health.ny.gov/prevention/injury_prevention/

SPARCS December 2021

Vital Statistics Death File November 2021

Incidence of Unintentional Pedestrian Injuries

Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Bronx 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	19	1.3	274	19.0	1,331	92.4	
Age Group	0<1	0	0.0	0	0.0	2	8.0**
	1-4	0	0.0	5	6.1**	18	22.3
	5-9	0	0.0	12	11.9	43	42.5
	10-14	0	0.0	18	18.7	100	105.5
	15-19	0	0.0	13	13.5	128	132.9
	20-24	2	1.6**	16	14.8	147	139.0
	25-44	5	1.1**	65	15.8	468	113.0
	45-64	6	1.8**	87	25.5	314	92.0
	65+	6	3.1**	58	31.3	112	60.7
Gender	Male	11	1.7	155	22.8	695	102.3
	Female	7	1.0	119	15.6	636	83.6
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	7	5.2	18	13.7	147	109.5
	Black Non-Hispanic	*	*	74	17.1	509	118.3
	American Indian/Alaskan Native	0	0.0	*	*	*	*
	Asian Pacific Islander	*	*	*	*	*	*
	Hispanic	4	0.9**	117	14.4	445	54.8

Percent Traumatic Brain Injury	51%	27%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$71,326	\$3,572
One Year Total Hospitalization or ED Visit Charges	n/a	\$19,519,415	\$4,755,190
Three Year Total Hospitalization or ED Visit Charges	n/a	\$58,558,244	\$14,265,569

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

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

Bronx 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	0.1**	57	3.9	440	30.5	
Age Group	0<1	0	0.0	0	0.0	0	0.0
	1-4	0	0.0	0	0.0	4	4.9**
	5-9	0	0.0	*	*	9	9.2
	10-14	0	0.0	2	2.1**	27	28.9
	15-19	0	0.0	7	7.3	52	54.0
	20-24	0	0.0	7	6.9	76	71.5
	25-44	*	*	23	5.6	198	47.8
	45-64	*	*	14	4.0	68	19.8
	65+	0	0.0	2	1.3**	6	3.1**
Gender	Male	2	0.2**	53	7.8	408	60.0
	Female	0	0.0	3	0.4**	32	4.2
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	3	2.5**	45	33.5
	Black Non-Hispanic	*	*	16	3.6	129	30.0
	American Indian/Alaskan Native	0	0.0	0	0.0	*	*
	Asian Pacific Islander	0	0.0	0	0.0	*	*
	Hispanic	0	0.0	27	3.3	185	22.9

Percent Traumatic Brain Injury	*	31%	3%
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Mean Charge per Hospitalization or ED Visit	n/a	\$39,303	\$3,852
One Year Total Hospitalization or ED Visit Charges	n/a	\$2,227,162	\$1,693,479
Three Year Total Hospitalization or ED Visit Charges	n/a	\$6,681,485	\$5,080,437

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