

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Cayuga 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	8.6	46	60.1	469	608.2	
Age Group	0<1	0	0.0	0	0.0	0	0.0
	1-4	0	0.0	0	0.0	6	205.5**
	5-9	0	0.0	0	0.0	8	199.6
	10-14	0	0.0	0	0.0	17	400.1
	15-19	*	*	3	58.7**	60	1,327.8
	20-24	0	0.0	3	71.5**	66	1,409.2
	25-44	2	12.6**	13	68.4	150	807.8
	45-64	*	*	13	59.9	109	489.4
	65+	2	13.5**	14	94.7	52	351.8
Gender	Male	*	*	28	70.9	203	514.6
	Female	*	*	18	48.8	266	706.7
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	7	9.5	*	*	414	589.7
	Black Non-Hispanic	0	0.0	*	*	30	829.4
	American Indian/Alaskan Native	0	0.0	0	0.0	0	0.0
	Asian Pacific Islander	0	0.0	0	0.0	*	*
	Hispanic	0	0.0	0	0.0	*	*

Percent Traumatic Brain Injury	15%	27%	5%
---------------------------------------	-----	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$98,324	\$3,347
One Year Total Hospitalization or ED Visit Charges	n/a	\$4,555,692	\$1,569,559
Three Year Total Hospitalization or ED Visit Charges	n/a	\$13,667,077	\$4,708,677

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

[†]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

Cayuga 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	*	*	31	40.6	399	517.5
Age Group	0<1	0	0.0	0	0.0	0.0
	1-4	0	0.0	0	0.0	183.8**
	5-9	0	0.0	0	0.0	151.7**
	10-14	0	0.0	0	0.0	238.5
	15-19	0	0.0	2	44.0**	1,159.0
	20-24	0	0.0	3	64.4**	1,244.6
	25-44	*	*	8	43.2	127
	45-64	0	0.0	8	35.9	92
	65+	0	0.0	10	67.6	46
Gender	Male	*	*	17	43.9	157
	Female	0	0.0	14	37.2	242
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	*	*	30	42.7	353
	Black Non-Hispanic	0	0.0	*	8.0	25
	American Indian/Alaskan Native	0	0.0	0	0.0	0
	Asian Pacific Islander	0	0.0	0	0.0	*
	Hispanic	0	0.0	0	0.0	*

Percent Traumatic Brain Injury	*	27%	5%
---------------------------------------	---	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$102,687	\$3,207
One Year Total Hospitalization or ED Visit Charges	n/a	\$3,217,534	\$1,279,550
Three Year Total Hospitalization or ED Visit Charges	n/a	\$9,652,602	\$3,838,651

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

[†]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 Motorcycle Injuries

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

Cayuga 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	2.2**	7	9.1	18	23.8	
Age Group	0<1	0	0.0	0	0.0	0	0.0
	1-4	0	0.0	0	0.0	0	0.0
	5-9	0	0.0	0	0.0	0	0.0
	10-14	0	0.0	0	0.0	0	0.0
	15-19	0	0.0	0	0.0	*	*
	20-24	0	0.0	0	0.0	*	*
	25-44	*	*	*	*	7	36.0
	45-64	0	0.0	4	16.5**	7	32.9
	65+	*	*	*	*	2	13.5**
Gender	Male	2	4.2**	*	*	15	38.8
	Female	0	0.0	*	*	3	8.0**
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	2	2.4**	7	10.0**	*	*
	Black Non-Hispanic	0	0.0	0	0.0	*	*
	American Indian/Alaskan Native	0	0.0	0	0.0	0	0.0
	Asian Pacific Islander	0	0.0	0	0.0	0	0.0
	Hispanic	0	0.0	0	0.0	0	0.0

Percent Traumatic Brain Injury	20%	24%	6%
---------------------------------------	-----	-----	----

Mean Charge per Hospitalization or ED Visit	n/a	\$98,938	\$6,759
One Year Total Hospitalization or ED Visit Charges	n/a	\$692,569	\$123,914
Three Year Total Hospitalization or ED Visit Charges	n/a	\$2,077,707	\$371,742

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

[†]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 Pedestrian Injuries

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

Cayuga 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	2.2	6	7.8	15	19.0
Age Group	0<1	0	0	0.0	0	0.0
	1-4	0	0	0.0	0	0.0
	5-9	0	0.0	0	0.0	0.0
	10-14	0	0.0	0	0.0	*
	15-19	0	0.0	*	*	0
	20-24	0	0.0	0	0.0	3
	25-44	0	0.0	2	10.8**	5
	45-64	0	0.0	*	*	4
	65+	*	*	2	13.5**	*
Gender	Male	*	4	9.3**	8	20.2
	Female	*	2	6.2**	7	17.7
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	2	2.4**	*	*	12
	Black Non-Hispanic	0	0.0	*	*	*
	American Indian/Alaskan Native	0	0.0	0	0.0	0
	Asian Pacific Islander	0	0.0	0	0.0	0
	Hispanic	0	0.0	0	0.0	*
		0	0.0	0	0.0	*

Percent Traumatic Brain Injury	0%	39%	11%
---------------------------------------	----	-----	-----

Mean Charge per Hospitalization or ED Visit	n/a	\$87,368	\$4,767
One Year Total Hospitalization or ED Visit Charges	n/a	\$524,208	\$69,920
Three Year Total Hospitalization or ED Visit Charges	n/a	\$1,572,623	\$209,759

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

[†]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 Pedal Cycle Injuries

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

Cayuga 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	0	0.0	*	*	25	32.4
Age Group	0<1	0	0	0.0	0	0.0
	1-4	0	0	0.0	0	0.0
	5-9	0	0.0	0	0.0	*
	10-14	0	0.0	0	0.0	5
	15-19	0	0.0	0	0.0	4
	20-24	0	0.0	0	0.0	2
	25-44	0	0.0	0	0.0	7
	45-64	0	0.0	0	0.0	4
	65+	0	0.0	0	0.0	*
Gender	Male	0	0	0.0	17	43.9
	Female	0	0.0	*	8	20.4
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	0	0.0	*	21	30.4
	Black Non-Hispanic	0	0.0	0	*	*
	American Indian/Alaskan Native	0	0.0	0	0.0	0
	Asian Pacific Islander	0	0.0	0	0.0	0
	Hispanic	0	0.0	0	0.0	*
		0	0.0	0	0.0	0
		0	0.0	0	0.0	*

Percent Traumatic Brain Injury	n/a	*	3%
---------------------------------------	-----	---	----

Mean Charge per Hospitalization or ED Visit	n/a	*	\$2,080
One Year Total Hospitalization or ED Visit Charges	n/a	*	\$51,993
Three Year Total Hospitalization or ED Visit Charges	n/a	*	\$155,978

Average Length of Hospital Stay (Days)	n/a	*	n/a
---	-----	---	-----

[†]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

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