

Incidence of Unintentional Motor Vehicle Traffic Injuries Deaths, Hospitalizations, and Emergency Department[†] (ED) Visits Orange 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	33	0.2	207	1.1	3,347	17.1	
Age Group	0<1	0	0	0.0	21	9.3	
	1-4	0	0	0.2**	56	6.2	
	5-9	0	0.0	3	0.3**	84	7.5
	10-14	0	0.0	3	0.3**	111	9.9
	15-19	*	*	8	0.7	338	28.3
	20-24	*	*	19	1.5	433	33.0
	25-44	11	0.2	59	1.1	1,205	22.6
	45-64	7	0.1	69	1.3	847	16.4
	65+	9	0.3	42	1.3	252	7.8
Gender	Female	9	0.1	75	0.7	1,764	17.5
	Male	23	0.2	131	1.4	1,582	16.6
	Unknown	0	n/a	0	n/a	*	n/a
Race/Ethnicity	White Non-Hispanic	27	0.2	125	1.1	1,435	13.0
	Black Non-Hispanic	*	*	23	0.8	656	22.1
	American Indian/Alaskan Native	0	0.0	*	*	4	6.1**
	Asian Pacific Islander	*	*	*	*	37	2.1
	Hispanic	0	0.0	25	0.7	640	17.0

Percent Traumatic Brain Injury	49%	24%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$135,687	\$6,027
One Year Total Hospitalization or ED Visit Charges	n/a	\$28,042,014	\$20,175,075
Three Year Total Hospitalization or ED Visit Charges	n/a	\$84,126,041	\$60,525,224

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

Orange 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	15	0.1	134	0.7	2,982	15.2	
Age Group	0<1	0	0	0.0	21	9.0	
	1-4	0	*	*	54	5.9	
	5-9	0	0.0	*	69	6.1	
	10-14	0	0.0	*	84	7.5	
	15-19	*	*	5	0.4**	304	25.5
	20-24	*	*	12	0.9	382	29.1
	25-44	4	0.1**	34	0.6	1,087	20.4
	45-64	3	0.1**	46	0.9	753	14.6
	65+	5	0.1**	33	1.0	227	7.0
Gender	Female	5	<0.1**	60	0.6	1,644	16.3
	Male	11	0.1	74	0.8	1,337	14.0
	Unknown	0	n/a	0	n/a	*	*
Race/Ethnicity	White Non-Hispanic	*	*	80	0.7	1,254	11.4
	Black Non-Hispanic	*	*	17	0.6	597	20.1
	American Indian/Alaskan Native	0	0.0	*	*	4	5.7**
	Asian Pacific Islander	0	0.0	*	*	33	1.9
	Hispanic	0	0.0	15	0.4**	579	15.3

Percent Traumatic Brain Injury	57%	22%	4%
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Mean Charge per Hospitalization or ED Visit	n/a	\$121,168	\$5,748
One Year Total Hospitalization or ED Visit Charges	n/a	\$16,236,477	\$17,139,018
Three Year Total Hospitalization or ED Visit Charges	n/a	\$48,709,431	\$51,417,055

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

Orange 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	5	<0.1**	35	0.2	95	0.5
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	*	*	6
	20-24	0	0.0	5	0.4**	17
	25-44	3	0.1**	14	0.3	35
	45-64	2	<0.1**	13	0.2	30
	65+	0	0.0	*	*	*
Gender	Female	*	*	<0.1**	13	0.1
	Male	*	*	32	0.3	83
	Unknown	0	n/a	0	n/a	0
Race/Ethnicity	White Non-Hispanic	*	*	24	0.2	59
	Black Non-Hispanic	*	*	*	*	*
	American Indian/Alaskan Native	0	0.0	0	0.0	0
	Asian Pacific Islander	0	0.0	*	*	*
	Hispanic	0	0.0	6	0.2**	13

Percent Traumatic Brain Injury	50%	34%	6%
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Mean Charge per Hospitalization or ED Visit	n/a	\$189,038	\$11,055
One Year Total Hospitalization or ED Visit Charges	n/a	\$6,679,343	\$1,053,925
Three Year Total Hospitalization or ED Visit Charges	n/a	\$20,038,030	\$3,161,776

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

Orange 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**	24	0.1	117	0.6	
Age Group	0<1	0	0	0.0	0	0.0	
	1-4	0	*	*	*	*	
	5-9	0	0.0	2	0.2**	*	*
	10-14	0	0.0	*	*	7	0.6
	15-19	0	0.0	*	*	10	0.8
	20-24	0	0.0	*	*	12	0.9
	25-44	*	*	7	0.1	41	0.8
	45-64	*	*	5	0.1**	29	0.6
	65+	*	*	5	0.1**	11	0.3
Gender	Female	*	*	8	0.1	48	0.5
	Male	*	*	15	0.2	69	0.7
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	3	<0.1**	12	0.1	50	0.4
	Black Non-Hispanic	0	0.0	4	0.1**	24	0.8
	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	3	0.1**	*	*

Percent Traumatic Brain Injury	55%	24%	6%
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Mean Charge per Hospitalization or ED Visit	n/a	\$152,084	\$8,723
One Year Total Hospitalization or ED Visit Charges	n/a	\$3,599,312	\$1,023,512
Three Year Total Hospitalization or ED Visit Charges	n/a	\$10,797,936	\$3,070,536

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

Orange 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	<0.0**	64	0.3	
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	6	0.6**
	10-14	0	0.0	*	*	14	1.3
	15-19	0	0.0	0	0.0	10	0.8
	20-24	0	0.0	0	0.0	5	0.4**
	25-44	0	0.0	2	<0.1**	13	0.2
	45-64	0	0.0	3	0.1**	13	0.2
	65+	0	0.0	*	*	3	0.1**
Gender	Female	0	0.0	*	*	10	0.1
	Male	*	*	*	*	53	0.6
	Unknown	0	n/a	0	n/a	0	n/a
Race/Ethnicity	White Non-Hispanic	*	*	*	*	32	0.3
	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	*	*
	Hispanic	0	0.0	*	*	10	0.3

Percent Traumatic Brain Injury	0%	23%	6%
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Mean Charge per Hospitalization or ED Visit	n/a	\$67,188	\$8,717
One Year Total Hospitalization or ED Visit Charges	n/a	\$492,711	\$554,982
Three Year Total Hospitalization or ED Visit Charges	n/a	\$1,478,134	\$1,664,947

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