

Safety Performance Measures Target Setting Crash Data | Grand Strand Area Transportation Study

Total Reported Crashes

Year	Total Crashes	Fatal Injury Crashes	A Injury Crashes	B Injury Crashes	C Injury Crashes	PDO Crashes	Fatalities	A Injuries	B Injuries	C Injuries
2008	756	8	8	80	152	508	10	13	103	267
2009	783	8	11	74	142	548	8	13	97	256
2010	781	8	8	58	138	569	10	9	66	258
2011	782	6	12	74	134	556	6	18	107	255
2012	711	12	8	55	118	518	12	9	76	200
2013	765	6	9	54	132	564	6	9	71	235
2014	740	4	9	75	134	518	4	13	117	225
2015	862	3	10	73	175	601	4	10	97	285
2016	894	6	9	75	126	678	6	13	107	206
2017	1,007	14	38	83	147	725	16	56	125	263
2018	1,029	6	30	97	132	764	8	46	144	243
2019	1,014	8	37	104	132	733	10	52	178	231
2020	997	5	36	96	129	731	5	50	134	226
2021	1,207	11	29	105	150	912	12	37	146	273
2022	1,140	8	27	106	141	858	8	33	136	253
2023	1,156	6	19	114	134	883	6	22	176	244

Total Reported Pedestrian Crashes

Year	Total Crashes	Fatal Injury Crashes	A Injury Crashes	B Injury Crashes	C Injury Crashes	PDO Crashes	Fatalities	A Injuries	B Injuries	C Injuries
2008	7	1	0	2	4	0	1	0	2	5
2009	8	2	1	1	2	2	2	1	1	2
2010	4	1	0	1	1	1	0	0	1	3
2011	6	0	0	4	1	1	0	0	4	1
2012	4	1	0	1	2	0	1	0	1	2
2013	3	0	1	1	1	0	0	1	1	1
2014	6	0	1	2	1	2	0	1	2	1
2015	5	0	0	3	2	0	0	0	3	4
2016	5	2	0	1	0	2	2	0	1	0
2017	8	2	3	0	3	0	2	3	0	3
2018	7	1	1	3	1	1	1	1	4	3
2019	5	1	0	3	1	0	1	0	3	1
2020	2	0	0	2	0	0	0	0	2	0
2021	9	2	0	4	3	0	3	1	5	4
2022	10	3	0	4	2	1	3	0	4	3
2023	10	0	4	4	2	0	0	4	4	4

Total Reported Bicycle Crashes

Year	Total Crashes	Fatal Injury Crashes	A Injury Crashes	B Injury Crashes	C Injury Crashes	PDO Crashes	Fatalities	A Injuries	B Injuries	C Injuries
2008	5	0	0	2	3	0	0	0	2	3
2009	2	0	1	0	1	0	0	1	0	1
2010	1	0	0	1	0	0	0	0	1	0
2011	6	0	0	4	2	0	0	0	4	2
2012	2	1	0	0	0	1	1	0	0	0
2013	5	0	1	2	2	0	0	1	2	3
2014	4	0	0	2	0	0	0	0	2	2
2015	2	1	0	0	0	1	1	0	0	1
2016	5	0	0	5	0	0	0	0	6	0
2017	10	1	1	4	4	0	1	1	4	4
2018	3	0	0	2	1	0	0	0	2	1
2019	2	1	0	1	0	0	1	0	1	0
2020	5	0	1	3	1	0	0	1	3	1
2021	3	1	0	1	0	1	1	0	1	0
2022	3	0	0	2	0	1	0	0	2	0
2023	6	0	0	4	0	2	0	0	4	0

Safety Performance Measures

Year	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-motorized Fatalities and Serious Injuries
2008	10	2.384	13	3.099	1
2009	8	1.886	13	3.065	4
2010	10	2.471	9	2.224	1
2011	6	1.433	18	4.240	0
2012	12	2.682	9	2.011	2
2013	6	1.298	9	1.947	2
2014	4	0.811	13	2.637	1
2015	4	0.821	10	2.053	1
2016	6	1.110	13	2.405	2
2017	16	3.173	56	11.106	7
2018	8	1.433	46	8.240	2
2019	10	1.827	52	9.500	2
2020	5	1.008	50	10.079	1
2021	12	2.154	37	6.640	5
2022	8	1.377	33	5.679	3
2023	6	1.005	22	3.684	4

Target Setting Crash Data

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2008 - 2012	9.2	2.167	12.4	2.928	1.6
2009 - 2013	8.4	1.950	11.6	2.697	1.8
2010 - 2014	7.6	1.735	11.6	2.612	1.2
2011 - 2015	6.4	1.405	11.8	2.578	1.2
2012 - 2016	6.4	1.345	10.8	2.211	1.6
2013 - 2017	7.2	1.443	20.2	4.030	2.6
2014 - 2018	7.6	1.470	27.6	5.288	2.6
2015 - 2019	8.8	1.673	35.4	6.661	2.8
2016 - 2020	9.0	1.710	43.4	8.266	2.8
2017 - 2021	10.2	1.919	48.2	9.113	3.4
2018 - 2022	8.6	1.560	43.6	8.028	2.6
2019 - 2023	8.2	1.474	38.8	7.116	3.0
2025 Target*	6.5	1.217	30.1	5.563	1.9

*Target based on State's methodology of reducing crashes by 50% by the year 2035

Rates are in units of crashes per 100 MMVT

Last update: 12/17/24