

Safety Performance Measures Target Setting Crash Data | Charlotte Regional Transportation Planning Organization

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	37,553	121	197	2,482	8,272	26,581	125	229	3,157	13,823
2009	29,797	114	187	2,113	6,945	20,439	121	224	2,836	11,864
2010	30,932	82	173	2,188	7,734	20,755	83	207	2,872	13,509
2011	33,543	100	180	2,215	8,233	22,815	103	217	2,906	14,254
2012	35,604	106	175	2,472	9,001	23,850	109	214	3,100	15,619
2013	38,067	98	187	2,350	9,408	26,024	109	220	2,992	16,219
2014	41,220	105	207	2,605	9,917	28,386	107	238	3,278	16,956
2015	47,744	109	205	3,016	11,595	32,819	115	250	3,870	20,319
2016	52,079	136	216	2,965	12,131	36,631	147	247	3,791	21,482
2017	53,174	151	290	3,067	11,523	38,143	163	350	3,969	20,024
2018	54,784	149	300	3,060	11,720	39,555	162	361	3,986	20,120
2019	55,385	133	345	3,094	11,334	40,379	138	427	4,107	19,449
2020	43,713	160	335	2,823	8,635	31,760	172	407	3,744	14,720
2021	50,554	172	351	3,315	9,490	37,226	184	425	4,417	16,288
2022	51,570	175	303	3,367	9,442	38,283	194	388	4,426	16,572
2023	52,876	149	374	3,364	9,509	39,480	156	470	4,481	16,667

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	332	17	23	142	116	34	17	25	157	136
2009	287	17	17	116	118	19	17	18	123	150
2010	346	20	20	146	139	21	20	22	157	156
2011	370	31	22	146	148	23	32	24	173	186
2012	444	32	25	173	188	26	33	27	189	223
2013	387	15	17	148	188	19	16	17	161	223
2014	448	17	32	191	193	15	17	33	205	237
2015	514	19	28	213	229	25	19	28	234	278
2016	500	31	31	222	189	27	31	32	242	228
2017	487	38	26	207	190	26	38	30	229	236
2018	550	39	28	235	212	36	39	29	253	258
2019	462	41	35	199	166	21	41	43	217	202
2020	391	37	30	159	139	26	39	32	176	185
2021	404	36	38	169	127	34	37	39	187	154
2022	437	34	47	186	135	35	35	54	203	188
2023	487	30	39	212	179	27	30	42	223	219

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	147	7	4	60	54	22	7	4	63	57
2009	106	1	8	46	49	2	1	8	47	52
2010	142	2	6	77	43	14	2	6	77	46
2011	154	2	4	70	60	18	2	4	73	62
2012	148	1	6	68	58	15	1	6	70	61
2013	173	3	1	69	81	19	3	1	72	88
2014	156	3	5	72	70	6	3	5	73	73
2015	167	2	5	71	64	25	2	5	74	69
2016	132	1	4	56	55	16	1	4	58	60
2017	163	5	13	76	53	16	5	13	82	57
2018	150	5	7	64	57	17	5	7	68	66
2019	117	3	2	50	51	11	3	3	53	57
2020	109	5	4	57	32	11	5	5	58	34
2021	101	2	2	53	34	10	3	2	56	38
2022	116	1	3	56	44	12	1	3	56	48
2023	157	2	8	70	57	20	2	8	73	61

Safety Performance Measures

Year	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-motorized Fatalities and Serious Injuries
2008	125	0.859	229	1.574	53
2009	121	0.822	224	1.522	44
2010	83	0.568	207	1.418	50
2011	103	0.707	217	1.489	62
2012	109	0.718	214	1.469	57
2013	109	0.698	220	1.409	37
2014	107	0.663	238	1.476	58
2015	115	0.675	250	1.467	54
2016	147	0.830	247	1.395	68
2017	163	0.900	350	1.933	86
2018	162	0.885	361	1.971	80
2019	138	0.741	427	2.293	90
2020	172	1.087	407	2.572	81
2021	184	1.046	425	2.417	81
2022	194	1.097	388	2.153	93
2023	156	0.858	470	2.585	82

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	108.2	0.735	218.2	1.483	55.2
2009 - 2013	105.0	0.703	216.4	1.450	52.0
2010 - 2014	102.2	0.671	219.2	1.440	54.8
2011 - 2015	108.6	0.692	227.8	1.450	56.6
2012 - 2016	117.4	0.717	233.8	1.431	56.8
2013 - 2017	128.2	0.753	261.0	1.536	60.6
2014 - 2018	138.8	0.791	289.2	1.648	69.2
2015 - 2019	145.0	0.806	327.0	1.812	75.6
2016 - 2020	156.4	0.889	358.4	2.033	81.0
2017 - 2021	163.8	0.932	394.0	2.237	83.6
2018 - 2022	170.0	0.971	401.6	2.289	85.0
2019 - 2023	168.8	0.966	423.4	2.412	85.4
2025 Target*	116.6	0.644	261.7	1.442	59.5

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

Rates are in units of crashes per 100 MVMT

Last update: 12/17/24