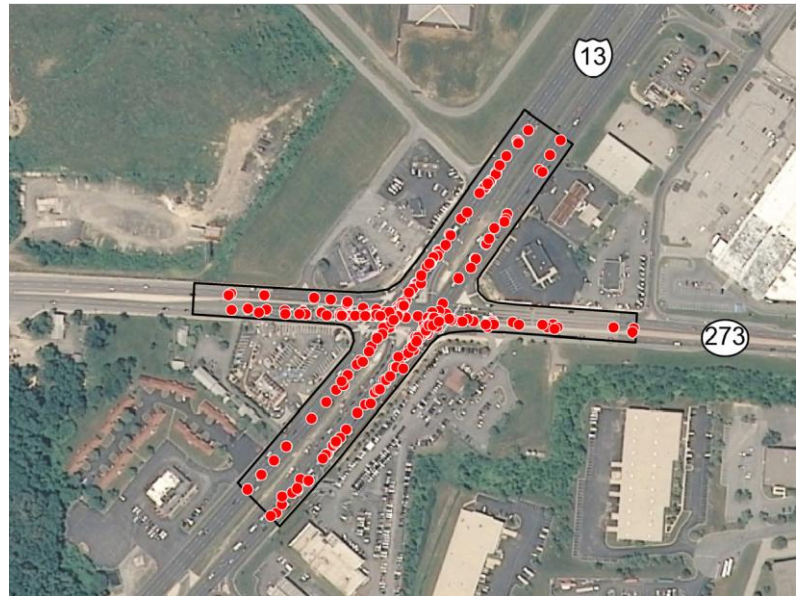


Crash Analysis Methodology:

The methodology for this analysis was taken from the results and recommendations found in the master's thesis titled "*Development and Analysis of an Intersection Safety Prioritization Method for the State of Delaware*" by Anna Duryea produced in the summer of 2015¹. The results found in the analysis are based on using an intersection's "sphere of influence" which varies at each location based on factors such as intersection width and acceleration lanes. According to the conclusions from the thesis, the intersection buffers created by WILMAPCO and DelDOT Planning provide a more accurate definition of an intersection than procedures that simply include all crashes within a specific distance from the intersection.

Sample Intersection Buffers



The analysis combines the use of three crash criteria: frequency, severity, and manner of impact at each intersection. The analysis includes a 3-year average of crashes (2021-2023) at signalized and non-signalized intersections that average 10 or more crashes per year throughout the State. 301 intersections out of nearly 1,100 analyzed met these criteria. It also compares intersections to each other by grouping them by the functional classification of the intersection roadways.

1. Crash Frequency: Total reported crashes within a pre-determined boundary of an intersection between 2021 and 2023
2. Crash Severity Index: The severity weights for each crash by type (Property Damage Only, Injury or Fatal) Intersections then ranked by the total scoring.

$$\text{Crash Severity Index} = (\text{Number of Fatal Crashes} * 40) + (\text{Number of Injury Crashes} * 4.5) + (\text{Number of Property Damage Only Crashes} * 1)$$
3. Crashes by Manner of Impact: Total crash cost per incident applied to each accident for each intersection based on the following values per impact type:

- Not a collision between two vehicles \$59,248	Sideswipe \$37,576
- Front to rear \$35,214	- Rear to side & Rear to Rear \$9,122
- Front to Front \$236,830	- Other & Unknown \$118,358
- Angle \$99,800	- Bicycle Involved \$116,595
	- Pedestrian Involved \$ 352,110

Statewide Intersection Crash Rankings (New Castle County Locations) 2021-23

ID	Intersection	Functional Class	Avg. Annual 2021 -23	Frequency Rank	Severity Rank	Manner of Impact Cost	Manner of Impact Rank	Final Rank (Statewide)
N183	US 13 & SR 273	Class 5: Principal Arterial vs. Principal Arterial	65.3	1	2	\$ 12,101,708.00	2	2
N165	SR 2 (Kirkwood Hwy) & SR 7 (Limestone Rd.)	Class 5: Principal Arterial vs. Principal Arterial	64.0	3	3	\$ 11,532,241.00	3	3
N346	SR 4 & SR 72	Class 4: Principal Arterial vs. Minor Arterial	49.3	4	10	\$ 7,939,886.00	5	4
N436T	SR 4 & SR 896 (S.College Ave.)	Class 5: Principal Arterial vs. Principal Arterial	47.7	7	4	\$ 7,481,146.00	10	5
N192	SR 7 & SR 273	Class 5: Principal Arterial vs. Principal Arterial	47.7	5	16	\$ 7,898,750.00	6	6
N217	US 13 & Bacon Ave/Boulden Blvd.	Class 2: Principal Arterial vs. Local/Collector	47.7	6	9	\$ 7,053,526.00	13	7
N423T	SR 273 & Library Ave.	Class 5: Principal Arterial vs. Principal Arterial	44.3	11	7	\$ 7,096,765.00	12	9
N242	SR 4 & Salem Church Rd.	Class 4: Principal Arterial vs. Minor Arterial	43.0	15	6	\$ 6,928,749.00	16	11
N185	US 40 & SR 7	Class 4: Principal Arterial vs. Minor Arterial	43.0	14	15	\$ 7,048,704.00	14	15
N188	SR 896 & Old Baltimore Pk.	Class 4: Principal Arterial vs. Minor Arterial	44.3	10	22	\$ 6,892,199.00	17	16
N393	US 40 & Porter Rd.	Class 2: Principal Arterial vs. Local/Collector	36.7	19	31	\$ 6,992,974.00	15	17
N434T	SR 896 & Welsh Tract Rd.	Class 2: Principal Arterial vs. Local/Collector	30.7	36	19	\$ 6,746,330.00	19	20
N425T	SR 72 & Wyoming Rd.	Class 2: Principal Arterial vs. Local/Collector	26.7	53	5	\$ 6,445,815.00	25	21
N233	SR 7 & Milltown Rd.	Class 4: Principal Arterial vs. Minor Arterial	26.7	52	21	\$ 6,485,037.00	22	26
N153	SR 4 / Elkton Rd. & SR 896	Class 5: Principal Arterial vs. Principal Arterial	30.7	33	33	\$ 6,115,224.00	33	27
N483	US 40 & SR 896	Class 5: Principal Arterial vs. Principal Arterial	34.7	24	41	\$ 5,665,355.00	37	28
N312	SR 4 & Harmony Rd.	Class 2: Principal Arterial vs. Local/Collector	30.7	35	24	\$ 5,391,904.00	46	30
N317	SR 2 & Red Mill/Polly Drummond Rd.	Class 4: Principal Arterial vs. Minor Arterial	33.3	27	56	\$ 6,474,977.00	23	31
N182	SR 72 & Old Baltimore Pike	Class 3: Minor Arterial vs. Minor Arterial	32.7	29	20	\$ 5,082,157.00	57	32
N351	SR 273 & Old Balt. Pike	Class 4: Principal Arterial vs. Minor Arterial	34.7	23	38	\$ 5,168,405.00	55	34
N432T	Cleveland Ave. & Paper Mill Rd./ N. Chapel St.	Class 3: Minor Arterial vs. Minor Arterial	29.7	39	57	\$ 6,457,085.00	24	36
N538	Road A & DE 1 Ramp NB & Fashion Center Ent.	Class 1: Other Collector/Local	27.7	47	68	\$ 7,797,181.00	8	38
N238	Old Baltimore Pk. & Otts Chapel Rd.	Class 1: Other Collector/Local	25.7	58	46	\$ 6,293,618.00	29	40
N187	US 40 & Glasgow Ave. North	Class 2: Principal Arterial vs. Local/Collector	25.0	61	58	\$ 6,364,004.00	27	43
N239	US 40 & SR 72	Class 4: Principal Arterial vs. Minor Arterial	25.0	62	36	\$ 5,312,464.00	48	44
N726	US 301 & Levels Rd. (SR 15)	Class 2: Principal Arterial vs. Local/Collector	26.7	54	27	\$ 4,713,054.00	70	46
N191	SR 7 & SR 58 (Churchmans Rd.)	Class 4: Principal Arterial vs. Minor Arterial	30.7	34	63	\$ 5,084,065.00	56	47
N162	SR 2 & SR 41	Class 5: Principal Arterial vs. Principal Arterial	29.3	40	65	\$ 5,228,737.00	52	49
N272	SR 2 & SR 100	Class 4: Principal Arterial vs. Minor Arterial	22.3	87	49	\$ 6,344,015.00	28	51
N289	SR 7/ SR 4 & Telegraph Rd.	Class 2: Principal Arterial vs. Local/Collector	34.3	25	85	\$ 4,790,467.00	66	53
N225	SR 7 (Limestone Rd) & SR 4 (Main St.) Stanton	Class 5: Principal Arterial vs. Principal Arterial	30.0	38	81	\$ 4,922,335.00	61	54
N170	SR 141 & SR 273	Class 5: Principal Arterial vs. Principal Arterial	22.0	92	50	\$ 5,422,589.00	44	56
N266	SR 72 & SR 71	Class 1: Other Collector/Local	25.0	63	86	\$ 5,478,491.00	40	57
N301	SR 2 (Kirkwood Hwy) & Harmony Rd.	Class 2: Principal Arterial vs. Local/Collector	28.0	43	75	\$ 4,552,301.00	76	59

Statewide Intersection Crash Rankings (New Castle County Locations) 2021– 23

ID	Intersection	Functional Class	Avg. Annual 2021 -23	Frequency Rank	Severity Rank	Manner of Impact Cost	Manner of Impact Rank	Final Rank (Statewide)
N303	SR 141 & SR 37 (Commons Blvd.)	Class 4: Principal Arterial vs. Minor Arterial	28.7	42	74	\$ 4,464,534.00	79	61
N409	US 13 & Hamburg Rd	Class 2: Principal Arterial vs. Local/Collector	25.3	60	90	\$ 5,187,303.00	54	63
N101	US 202 & SR 92 Naamans Rd.	Class 5: Principal Arterial vs. Principal Arterial	27.7	46	98	\$ 4,661,368.00	75	65
N109	US 202 & Powder Mill/Murphy Rd.	Class 4: Principal Arterial vs. Minor Arterial	25.7	57	76	\$ 4,359,232.00	89	66
N715	US 301 & Merrimac Av.	Class 2: Principal Arterial vs. Local/Collector	25.0	64	69	\$ 4,344,357.00	90	67
N627T	Front St. & Walnut St.	Class 5: Principal Arterial vs. Principal Arterial	16.0	151	37	\$ 5,452,043.00	42	69
N339	SR 273 & Airport Rd.	Class 4: Principal Arterial vs. Minor Arterial	23.3	77	88	\$ 4,752,382.00	68	71
N252	SR 2 & Duncan Rd.	Class 2: Principal Arterial vs. Local/Collector	24.0	70	82	\$ 4,389,975.00	86	74
N702	US 301 & Armstrong/Marl Pit Rd.	Class 2: Principal Arterial vs. Local/Collector	21.0	102	55	\$ 4,437,330.00	82	75
N595	SR 7 & AAA Blvd/Frontage Rds.	Class 2: Principal Arterial vs. Local/Collector	25.7	59	83	\$ 4,125,490.00	99	76
N035P	US 40 & Gov. Sq.	Class 2: Principal Arterial vs. Local/Collector	23.7	73	70	\$ 4,113,609.00	100	77
N150	SR 141 & SR 100	Class 4: Principal Arterial vs. Minor Arterial	23.0	80	64	\$ 3,979,171.00	106	79
N552	US 40 & Church Rd.	Class 2: Principal Arterial vs. Local/Collector	24.0	71	52	\$ 3,459,907.00	130	81
N173	SR 9 (New Castle Ave.) & Memorial Dr.	Class 3: Minor Arterial vs. Minor Arterial	20.0	111	99	\$ 5,329,604.00	47	84
N422T	SR 2 & Cleveland Ave.	Class 4: Principal Arterial vs. Minor Arterial	21.7	95	104	\$ 4,837,196.00	64	85
N008P	US 13 & School Lane (Airport)	Class 2: Principal Arterial vs. Local/Collector	22.0	91	89	\$ 4,414,071.00	83	86
N156	SR 48 & SR 141	Class 5: Principal Arterial vs. Principal Arterial	26.7	51	108	\$ 4,003,000.00	104	87
N271	4th St. & N. Jackson St.	Class 4: Principal Arterial vs. Minor Arterial	17.3	132	84	\$ 5,261,507.00	49	88
N180	US 13 & Hazeldell Ave.	Class 2: Principal Arterial vs. Local/Collector	18.3	121	77	\$ 4,704,614.00	72	91
N556	SR 301 & SR 299 (W. MAIN ST.)	Class 4: Principal Arterial vs. Minor Arterial	22.7	85	93	\$ 4,266,666.00	94	92
N367	SR 273 & Chapman Rd (Eagle Run)	Class 4: Principal Arterial vs. Minor Arterial	24.7	67	132	\$ 4,456,472.00	80	95
N147	SR 261 (Foult Rd.) & Silverside Rd.	Class 3: Minor Arterial vs. Minor Arterial	21.7	94	145	\$ 5,246,586.00	51	97
N219	US 13 & Harrison Ave.	Class 2: Principal Arterial vs. Local/Collector	21.0	101	101	\$ 4,299,006.00	91	98
N243	SR 71 & Pine Tree Rd.	Class 1: Other Collector/Local	17.7	129	122	\$ 5,424,689.00	43	99
N424T	S. College & E Del. Ave (Coll. Sq.)	Class 4: Principal Arterial vs. Minor Arterial	24.3	68	109	\$ 3,750,180.00	118	100
N435T	SR 896 & Old Chestnut Hill Rd.	Class 2: Principal Arterial vs. Local/Collector	21.3	98	95	\$ 3,929,857.00	109	104
N179	US 13 & Memorial Dr.	Class 4: Principal Arterial vs. Minor Arterial	21.0	100	107	\$ 4,090,957.00	101	105
N465	SR 4 & Samoset Dr.	Class 2: Principal Arterial vs. Local/Collector	22.7	84	140	\$ 4,369,895.00	88	106
N366	SR 4 & SR 7/JP Morgan Ent.	Class 5: Principal Arterial vs. Principal Arterial	23.0	81	124	\$ 3,950,857.00	108	108
N337	SR 273 & Harmony Rd.	Class 2: Principal Arterial vs. Local/Collector	24.7	66	135	\$ 3,739,573.00	119	110
N501	SR 273 & Quigley Blvd.	Class 2: Principal Arterial vs. Local/Collector	17.0	139	62	\$ 3,656,603.00	123	112
N326	SR 92 / Naamans Rd. & Peachtree Dr.	Class 2: Principal Arterial vs. Local/Collector	18.7	118	133	\$ 4,499,014.00	77	113
N356	SR 7 & Linden Hill Rd.	Class 4: Principal Arterial vs. Minor Arterial	22.3	88	112	\$ 3,540,127.00	128	114
N484	Gov. Printz Blvd. & Edgemoor Rd.	Class 3: Minor Arterial vs. Minor Arterial	20.7	105	110	\$ 3,714,196.00	120	115

Statewide Intersection Crash Rankings (New Castle County Locations) 2021-23

ID	Intersection	Functional Class	Avg. Annual 2021 -23	Frequency Rank	Severity Rank	Manner of Impact Cost	Manner of Impact Rank	Final Rank (Statewide)
N168	Centerville Rd. & Boxwood Rd.	Class 1: Other Collector/Local	19.7	113	137	\$ 3,975,671.00	107	118
N285	SR 2 & Farrand Dr	Class 2: Principal Arterial vs. Local/Collector	19.3	115	146	\$ 4,010,482.00	103	121
N120	Philadelphia Pike & Harvey Rd.	Class 1: Other Collector/Local	16.3	147	149	\$ 4,675,502.00	73	122
N685T	King St. & 4th St.	Class 4: Principal Arterial vs. Minor Arterial	12.7	204	138	\$ 5,525,026.00	39	125
N546	Road A & DE 1 Ramp Southbound	Class 2: Principal Arterial vs. Local/Collector	19.7	114	182	\$ 4,246,612.00	95	126
N184	US 13 & US 40	Class 5: Principal Arterial vs. Principal Arterial	20.3	107	126	\$ 3,040,663.00	163	127
N521	SR 273 & SR 1 NB Ramp	Class 5: Principal Arterial vs. Principal Arterial	18.7	119	134	\$ 3,147,590.00	149	128
N460	SR 273 & Appleby Rd.	Class 2: Principal Arterial vs. Local/Collector	18.0	126	141	\$ 3,361,864.00	138	129
N697T	S. Walnut St. & A St.	Class 1: Other Collector/Local	13.7	184	97	\$ 3,608,745.00	125	130
N522	SR 273 & SR 1 SB Ramp	Class 5: Principal Arterial vs. Principal Arterial	20.3	108	163	\$ 3,393,742.00	136	132
N019P	SR 7 & Del. Park Ent.	Class 2: Principal Arterial vs. Local/Collector	18.3	120	151	\$ 3,343,232.00	139	133
N146	SR 92 / Naamans Rd. & Foulk Rd.	Class 4: Principal Arterial vs. Minor Arterial	15.3	156	118	\$ 3,210,096.00	145	135
N255	SR 4 & Marrows Rd.	Class 2: Principal Arterial vs. Local/Collector	17.7	130	142	\$ 3,095,366.00	156	136
N261	SR 7 & Skyline Dr.	Class 2: Principal Arterial vs. Local/Collector	16.0	149	113	\$ 2,971,550.00	170	137
N038P	SR 2 & Elsmere Shopping Center	Class 2: Principal Arterial vs. Local/Collector	14.0	172	159	\$ 3,834,943.00	114	138
N181	SR 2 & Otts Chapel Rd	Class 2: Principal Arterial vs. Local/Collector	17.7	128	121	\$ 2,670,218.00	201	140
N144	SR 92 / Naamans Rd. & Marsh Rd.	Class 4: Principal Arterial vs. Minor Arterial	17.0	137	183	\$ 3,454,353.00	131	141
N313	New Castle Ave. & Cherry Lane	Class 1: Other Collector/Local	17.7	131	143	\$ 2,792,667.00	182	142
N705	US 301 & Diamond State Blvd	Class 2: Principal Arterial vs. Local/Collector	15.7	153	116	\$ 2,750,717.00	188	143
N347	SR 7 & SR 72	Class 4: Principal Arterial vs. Minor Arterial	18.0	125	176	\$ 3,088,208.00	157	144
N712	US 13 & SR 71 Red Lion	Class 3: Minor Arterial vs. Minor Arterial	16.3	148	73	\$ 2,291,166.00	242	146
N514	US 40 & Wilton Blvd.	Class 2: Principal Arterial vs. Local/Collector	12.3	210	114	\$ 3,160,613.00	147	147
N741	US 40 & Glasgow Dr.	Class 2: Principal Arterial vs. Local/Collector	17.0	141	139	\$ 2,719,915.00	194	151
N454	SR 896 (Glasgow Ave.E) & Porter Rd.	Class 2: Principal Arterial vs. Local/Collector	17.3	134	170	\$ 2,926,078.00	172	152
N703T	SR 299 & Industrial Dr.	Class 1: Other Collector/Local	15.0	162	150	\$ 3,002,524.00	166	153
N369	SR 4 & Churchman's Rd.	Class 4: Principal Arterial vs. Minor Arterial	15.3	157	180	\$ 3,238,757.00	144	154
N500T	SR 71 & Lake St.	Class 1: Other Collector/Local	12.7	203	185	\$ 4,134,134.00	98	156
N474	Old Baltimore Pk. & Salem Church Rd. (West)	Class 1: Other Collector/Local	15.3	158	181	\$ 3,082,833.00	158	159
N215	US 301& SR71	Class 2: Principal Arterial vs. Local/Collector	17.0	138	153	\$ 2,588,381.00	208	160
N525	US 13 & Second Ave.	Class 2: Principal Arterial vs. Local/Collector	13.0	195	59	\$ 2,281,160.00	245	161
W710	Concord Ave. & Broom St.	Class 2: Principal Arterial vs. Local/Collector	15.0	163	184	\$ 3,115,913.00	154	162

Statewide Intersection Crash Rankings (New Castle County Locations) 2021-23

ID	Intersection	Functional Class	Avg. Annual 2021 -23	Frequency Rank	Severity Rank	Manner of Impact Cost	Manner of Impact Rank	Final Rank (Statewide)
N686T	4th and Walnut St	Class 1: Other Collector/Local	12.0	222	191	\$ 4,234,936.00	96	165
N127	Philadelphia Pike & Edgemoor Rd.	Class 1: Other Collector/Local	11.0	247	115	\$ 3,141,068.00	152	166
N166	SR 2 & Possum Park Rd.	Class 2: Principal Arterial vs. Local/Collector	14.3	165	167	\$ 2,757,351.00	187	167
N486	US 40 & Pleasant Valley Rd.	Class 2: Principal Arterial vs. Local/Collector	14.3	167	178	\$ 2,863,481.00	176	168
N332	US 40 & Scotland Dr.	Class 2: Principal Arterial vs. Local/Collector	17.3	133	169	\$ 2,520,608.00	221	169
N381	Old Baltimore Pk. & Salem Church Rd. (East)	Class 3: Minor Arterial vs. Minor Arterial	16.7	145	148	\$ 2,400,013.00	231	170
N247	SR 273 & Marrows Rd.	Class 2: Principal Arterial vs. Local/Collector	13.7	182	202	\$ 3,309,235.00	141	171
N495	US 40 & Brookmont Dr.	Class 2: Principal Arterial vs. Local/Collector	16.0	150	171	\$ 2,628,652.00	204	172
N163	SR 141 & SR 34 (Faulkland Rd.)	Class 4: Principal Arterial vs. Minor Arterial	16.7	144	205	\$ 2,791,064.00	183	173
N548	SR 896 & Bethel Church Rd.	Class 2: Principal Arterial vs. Local/Collector	12.3	211	130	\$ 2,718,936.00	196	174
N288	SR 52 & Jackson St.	Class 2: Principal Arterial vs. Local/Collector	13.0	192	192	\$ 3,032,926.00	164	176
N333	SR 2 & Clifton Ave.	Class 2: Principal Arterial vs. Local/Collector	14.0	175	199	\$ 2,871,411.00	175	177
N287	Maryland Ave (SR 4) & Adams St.	Class 4: Principal Arterial vs. Minor Arterial	13.3	186	189	\$ 2,783,847.00	185	179
N456T	SR 299 (Broad St.) & Main St.	Class 3: Minor Arterial vs. Minor Arterial	14.3	166	206	\$ 2,739,322.00	190	180
N732	SR 299 & Gloucester Blvd.	Class 1: Other Collector/Local	13.3	189	155	\$ 2,524,738.00	219	182
N230	US 202 & Woodrow Ave.	Class 2: Principal Arterial vs. Local/Collector	14.0	173	210	\$ 2,799,841.00	181	183
N625	US 13 & Hessler Blvd.	Class 2: Principal Arterial vs. Local/Collector	14.7	164	188	\$ 2,559,527.00	212	184
N330	US 13 & Boyds Corner Rd.	Class 4: Principal Arterial vs. Minor Arterial	15.0	161	195	\$ 2,539,731.00	215	186
N117	Philadelphia Pike & Darley Rd.	Class 1: Other Collector/Local	11.0	246	165	\$ 3,044,428.00	162	187
N659	SR 299 & Brick Mill Rd.	Class 1: Other Collector/Local	13.3	188	218	\$ 2,997,280.00	167	188
N152	SR 2 & Milltown Rd.	Class 4: Principal Arterial vs. Minor Arterial	13.0	191	237	\$ 3,147,715.00	148	189
N142	SR 3 (Marsh Rd) & Silverside Rd.	Class 3: Minor Arterial vs. Minor Arterial	12.3	207	161	\$ 2,563,963.00	209	191
N540	Otts Chapel Rd. & Chestnut Hill Rd.	Class 1: Other Collector/Local	10.7	263	119	\$ 2,695,007.00	197	192
N634	Concord Pike & I-95 Ramp SB	Class 2: Principal Arterial vs. Local/Collector	12.3	212	217	\$ 3,102,709.00	155	193
N506	SR 72 & Porter Rd	Class 2: Principal Arterial vs. Local/Collector	12.0	221	190	\$ 2,922,199.00	173	194
N365	SR 72 & Polly Drummond Hill Rd.	Class 3: Minor Arterial vs. Minor Arterial	13.0	193	250	\$ 3,307,033.00	142	196
N407	SR 7 & Valley Rd.	Class 2: Principal Arterial vs. Local/Collector	13.3	187	261	\$ 3,267,959.00	143	197
N282	Centerville Rd. & Old Capitol Trail	Class 1: Other Collector/Local	12.7	201	256	\$ 3,382,969.00	137	198
N596	SR 58 & Geoffrey Blvd.	Class 4: Principal Arterial vs. Minor Arterial	17.0	140	231	\$ 2,478,893.00	225	199
N678T	Pennsylvania Ave. & Union St.	Class 5: Principal Arterial vs. Principal Arterial	11.3	243	214	\$ 3,176,473.00	146	201
N212	43rd St. & Market St.	Class 1: Other Collector/Local	10.0	283	204	\$ 3,776,766.00	117	202
N175	SR 9 & Rodgers Rd.	Class 1: Other Collector/Local	12.7	200	215	\$ 2,749,577.00	189	203
N590	SR 273 & Old Ogletown Rd./Red Mill Rd.	Class 4: Principal Arterial vs. Minor Arterial	14.0	177	225	\$ 2,545,932.00	214	205
N315	SR 273 & Brownleaf Dr.	Class 2: Principal Arterial vs. Local/Collector	12.0	217	179	\$ 2,509,330.00	222	206
N220	US 13 & Lincoln Ave.	Class 2: Principal Arterial vs. Local/Collector	13.7	181	187	\$ 2,211,007.00	252	207
N594	SR 299 & Silver Lake Rd.	Class 1: Other Collector/Local	11.7	231	160	\$ 2,394,351.00	232	208

Statewide Intersection Crash Rankings (New Castle County Locations) 2021-23

ID	Intersection	Functional Class	Avg. Annual 2021 -23	Frequency Rank	Severity Rank	Manner of Impact Cost	Manner of Impact Rank	Final Rank (Statewide)
N231	SR 273 & Browns Lane	Class 2: Principal Arterial vs. Local/Collector	14.0	174	198	\$ 2,143,945.00	255	210
N490	US 13 & Sienni Blvd.	Class 2: Principal Arterial vs. Local/Collector	13.0	194	207	\$ 2,372,894.00	233	211
N438T	SR 896 & W. Park Pl.	Class 2: Principal Arterial vs. Local/Collector	11.7	230	213	\$ 2,627,389.00	205	213
N281	SR 4 & Gender Rd.	Class 2: Principal Arterial vs. Local/Collector	10.7	258	223	\$ 2,990,332.00	168	214
N236	Foulk Rd. & Murphy Rd.	Class 1: Other Collector/Local	11.0	249	174	\$ 2,443,693.00	227	216
N088P	Center Blvd. S & Mall Rd.	Class 1: Other Collector/Local	12.7	198	276	\$ 2,802,241.00	180	218
N129	SR 2 (Kirkwood Hwy) & St James Church Rd.	Class 2: Principal Arterial vs. Local/Collector	11.7	227	211	\$ 2,521,728.00	220	221
N358	SR 2 & Albertson Blvd..	Class 2: Principal Arterial vs. Local/Collector	14.0	176	224	\$ 2,135,143.00	258	222
N160	SR 41 & Hercules /Mill Creek Rd.	Class 2: Principal Arterial vs. Local/Collector	10.7	255	209	\$ 2,719,527.00	195	223
N108	US 202 & Fairfax Blvd.	Class 2: Principal Arterial vs. Local/Collector	12.0	216	272	\$ 2,846,484.00	178	225
N679	Maryland Ave./MLK Blvd & Lancaster Ave./Madison S	Class 5: Principal Arterial vs. Principal Arterial	11.7	232	201	\$ 2,349,486.00	235	226
N164	SR 41 & Old Capitol Trail	Class 2: Principal Arterial vs. Local/Collector	11.0	248	247	\$ 2,893,725.00	174	227
N218	US 13 & Roosevelt Ave.	Class 2: Principal Arterial vs. Local/Collector	11.7	228	212	\$ 2,421,529.00	229	228
N583	SR 2 & Kirkwood Plaza	Class 2: Principal Arterial vs. Local/Collector	11.3	242	242	\$ 2,733,106.00	191	229
N574	US 13 & SR 71 Summit	Class 2: Principal Arterial vs. Local/Collector	10.7	264	193	\$ 2,480,923.00	224	231
N396	SR 4 (EB) & James St.	Class 2: Principal Arterial vs. Local/Collector	12.0	220	286	\$ 2,853,675.00	177	232
N489	SR 896 (S. College Ave.) & Corporate Blvd. (GBC Dr)	Class 2: Principal Arterial vs. Local/Collector	10.7	260	131	\$ 1,647,209.00	295	234
N248	SR 2 & Meadowood Dr.	Class 2: Principal Arterial vs. Local/Collector	10.3	272	257	\$ 3,063,025.00	161	235
N331	SR 92 / Naamans Rd. & Shipley Rd.	Class 2: Principal Arterial vs. Local/Collector	12.0	219	235	\$ 2,334,648.00	237	236
N406	Churchmans Rd. & Christiana Hosp.	Class 1: Other Collector/Local	11.3	241	230	\$ 2,484,210.00	223	237
N371	SR 896 & Mt. Pleasant	Class 5: Principal Arterial vs. Principal Arterial	13.7	183	268	\$ 2,236,187.00	248	239
N228	SR 4 & Broom St.	Class 4: Principal Arterial vs. Minor Arterial	10.7	257	252	\$ 2,731,764.00	192	240
N408	SR 58 (Churchmans Rd.) & Continental Dr.	Class 1: Other Collector/Local	12.7	202	265	\$ 2,287,849.00	244	243
N017P	SR 2 & Haskell Rd.	Class 2: Principal Arterial vs. Local/Collector	11.3	238	172	\$ 1,520,344.00	301	244
N577	SR 72 & SR 1 SB OFF RAMP	Class 4: Principal Arterial vs. Minor Arterial	13.0	196	251	\$ 2,050,703.00	267	246
N200	SR 4 (Maryland Ave.) & Boxwood Rd.	Class 4: Principal Arterial vs. Minor Arterial	11.3	240	269	\$ 2,528,778.00	218	248
N136	SR 896 & Four Seasons Parkway	Class 2: Principal Arterial vs. Local/Collector	12.7	199	255	\$ 1,973,831.00	274	249
N672	US 40 & Frazer Rd.	Class 2: Principal Arterial vs. Local/Collector	10.7	265	253	\$ 2,560,052.00	211	250
N254	SR 273 & Churchmans Rd.	Class 4: Principal Arterial vs. Minor Arterial	12.3	208	258	\$ 2,059,931.00	264	251
N186	SR 2 & Delaware Park Ent.	Class 2: Principal Arterial vs. Local/Collector	10.0	282	162	\$ 1,841,029.00	286	252

Statewide Intersection Crash Rankings (New Castle County Locations) 2021-23

ID	Intersection	Functional Class	Avg. Annual 2021 -23	Frequency Rank	Severity Rank	Manner of Impact Cost	Manner of Impact Rank	Final Rank (Statewide)
N318	SR 4 (EB) & Stanton Rd.	Class 2: Principal Arterial vs. Local/Collector	11.0	250	280	\$ 2,609,837.00	206	255
N464	SR 4 & Hygeia Dr.	Class 2: Principal Arterial vs. Local/Collector	11.0	251	234	\$ 2,174,640.00	253	256
N820	US 13 & Fieldsboro Road	Class 1: Other Collector/Local	10.0	290	233	\$ 2,530,147.00	217	258
N517	US 40 & Walther Rd.	Class 2: Principal Arterial vs. Local/Collector	10.7	261	197	\$ 1,809,300.00	288	260
N791	US 13 & SR 1 Ramp (North)	Class 1: Other Collector/Local	10.0	289	246	\$ 2,547,996.00	213	261
N102	US 202 NB & Sliverside Rd.	Class 4: Principal Arterial vs. Minor Arterial	12.0	215	296	\$ 2,310,754.00	240	263
N177	S Heald St. & Roders Rd.	Class 1: Other Collector/Local	11.3	239	241	\$ 1,979,469.00	273	264
N322	US 202 & AstraZeneca Ent.	Class 2: Principal Arterial vs. Local/Collector	12.0	218	262	\$ 1,894,960.00	281	267
N469	SR 2 & Green Valley Cir.	Class 2: Principal Arterial vs. Local/Collector	12.3	209	279	\$ 1,966,159.00	277	269
N527	Old Baltimore Pk. & Walther Rd.	Class 1: Other Collector/Local	10.7	262	239	\$ 1,866,856.00	283	272
N176	Salem Church Rd. & Chapman Rd.	Class 3: Minor Arterial vs. Minor Arterial	10.7	256	281	\$ 2,062,267.00	263	274
N374	SR 2 & Sears Entrance	Class 2: Principal Arterial vs. Local/Collector	11.7	229	292	\$ 1,845,380.00	284	276
N463	US 13 SB & SR 299	Class 3: Minor Arterial vs. Minor Arterial	10.0	285	284	\$ 2,321,918.00	238	277
N026P	US 202 & Concord Mall S Exit	Class 2: Principal Arterial vs. Local/Collector	10.0	281	244	\$ 1,878,800.00	282	278
N106	US 202 & Concord Ave.	Class 2: Principal Arterial vs. Local/Collector	10.3	270	267	\$ 1,985,740.00	271	279
N397	SR 4 (WB) & Marshall St.	Class 5: Principal Arterial vs. Principal Arterial	10.3	273	293	\$ 2,288,232.00	243	280
N308	SR 52 & Adams St	Class 4: Principal Arterial vs. Minor Arterial	10.7	259	275	\$ 1,971,720.00	275	281
N195	SR 4 & SR 100	Class 4: Principal Arterial vs. Minor Arterial	9.7	293	273	\$ 2,144,407.00	254	283
N193	SR 72 (Wrangle Hill Rd) & US 13 (Dupont Hwy)	Class 3: Minor Arterial vs. Minor Arterial	10.3	271	282	\$ 2,002,001.00	270	284
N597	US 13 & Bayview / Greylag Rd.	Class 1: Other Collector/Local	10.0	286	259	\$ 1,954,676.00	278	285
N669	SR 141 & Washington Av.	Class 2: Principal Arterial vs. Local/Collector	10.0	288	245	\$ 1,728,771.00	293	286
N611	SR 299 & SR 1 NB Ramps	Class 4: Principal Arterial vs. Minor Arterial	9.7	298	288	\$ 2,303,537.00	241	287
N260	SR 4 & Augusta Rd.	Class 2: Principal Arterial vs. Local/Collector	10.0	284	295	\$ 2,234,649.00	249	288
N040P	US 40 & Eden SQ.	Class 2: Principal Arterial vs. Local/Collector	10.3	269	266	\$ 1,622,569.00	297	289
N639	SR 2/Elkton Rd. & Casho Mill Rd.	Class 2: Principal Arterial vs. Local/Collector	9.7	299	249	\$ 1,842,388.00	285	290
N352	SR 92 / Naamans Rd. & Carpenters Sta. Rd.	Class 2: Principal Arterial vs. Local/Collector	9.7	296	298	\$ 2,265,430.00	247	292
N207	SR 41 & Milltown Rd.	Class 2: Principal Arterial vs. Local/Collector	9.7	294	274	\$ 1,966,899.00	276	293
N137	SR 7 & SR 71/Bear Corbit Rd.	Class 1: Other Collector/Local	9.7	292	287	\$ 2,018,840.00	269	295
N612	SR 299 & SR 1 S/B Ramps	Class 4: Principal Arterial vs. Minor Arterial	10.0	287	285	\$ 1,917,742.00	279	297
N028P	US 202 (Concord Pike) & NORTH ROCKY RUN	Class 2: Principal Arterial vs. Local/Collector	10.3	268	300	\$ 1,759,662.00	290	298
N416T	SR 273 (Main St.) & N College Ave.	Class 4: Principal Arterial vs. Minor Arterial	9.7	297	301	\$ 1,903,068.00	280	300
N349	US 202 & Mt. Lebanon Rd.	Class 2: Principal Arterial vs. Local/Collector	9.7	295	297	\$ 1,554,566.00	300	301