



NOACA Regional Safety Priority Locations (2013 to 2017 Crash Data)

Priority List	Worksheet Tab	Description
Background	Background	Overview of development of NOACA safety priority locations by intersections and one-mile defined-length road corridors. All lists are ranked by total crashes.
Intersection FSI	Int FSI	This list was developed using the following criteria: (1) only intersection-related crashes were considered, (2) crashes logged to freeways were excluded, (3) crashes occurred up to a 250' radius of the intersection, and (4) four or more crashes with a fatality or serious injury (FSI) within a 5-year period.
Intersection Frequency	Int Frequency	This list was developed using the following criteria: (1) only intersection-related crashes were considered, (2) crashes logged to freeways were excluded, (3) crashes occurred up to a 250' radius of the intersection, and (4) 150 or more crashes occurred within a 5-year period.
Corridor FSI	Cor FSI	This list was developed using the following criteria: (1) intersection-related crashes were excluded, (2) crashes logged to freeways were excluded, (3) crashes occurred within one-mile defined-length corridors, and (4) five or more crashes with a fatality or serious injury (FSI) within a 5-year period.
Corridor Frequency	Cor Freq	This list was developed using the following criteria: (1) intersection-related crashes were excluded, (2) crashes logged to freeways were excluded, (3) crashes occurred within one-mile defined-length corridors, and (4) 150 or more crashes occurred within a 5-year period.
Pedestrian and Bicycle Corridors	Cor PedBikeFSI	This list was developed using the following criteria: (1) only crashes involving either bicycles or pedestrians were considered, (2) crashes logged to freeways were excluded, (3) crashes occurred within one-mile defined-segments, and (4) three or more crashes with a fatality or serious injury (FSI) within a 5-year period.

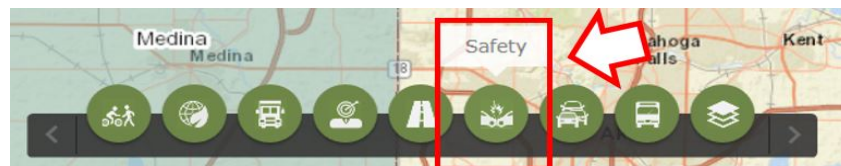


NOACA Regional Safety Priority Locations: Background and Methodology

NOACA safety priority locations were developed by evaluating historical crash performance at intersections and along roadway corridors. The safety priority lists consider the total number of all crashes and the combined number of just fatalities and serious injuries (FSI's) that have occurred at intersections or along one-mile defined-length corridors that make up the region's non-freeway road network.

Emphasis is placed on prioritizing safety at locations that experience fatalities and serious injuries, in order to align NOACA's priorities with the safety performance measures established under the current federal transportation funding bill (the FAST Act), which requires states to measure progress in reducing the numbers of fatalities and serious injuries.

The locations identified on these safety priority lists can be view in a map-based format from the GIS Portal on NOACA's website and by selecting the "Safety" layer.





Regional Safety Priority Intersections Four or More Fatal or Serious Injury (FSI) Crashes (2013 to 2017 Crash Data)

Rank	County	Community	Intersection	Total Crashes	FSI
1	Lorain	Elyria	Center Ridge/Cleveland St & JFK Memorial Pkwy	190	5
2	Lorain	Avon	Center Rd & Detroit Rd	162	4
3	Cuyahoga	Lyndhurst	Richmond Rd & Mayfield Rd	143	4
4	Cuyahoga	Euclid	Highland Rd/Dille Rd & Euclid Ave	141	5
5	Cuyahoga	Brooklyn, Cleveland, Parma	Ridge Rd & Brookpark Rd	134	4
6	Cuyahoga	Cleveland	Clark Ave & W 25th St	128	6
7	Lorain	Elyria	Bell Ave & Lorain Blvd	100	4
8	Cuyahoga	Cleveland	Union Rd & Kinsman Rd	96	5
9	Cuyahoga	Cleveland	St Clair Ave & E 105th St	91	6
10	Cuyahoga	North Olmsted	Stearns Rd & Lorain Rd	89	4
11	Lake	Concord Twp	Auburn Rd/Crile Rd & SR-44	88	6
12	Lorain	Sheffield Twp	North Ridge Rd & SR-57	87	5
13	Cuyahoga	North Olmsted	Lorain Rd & Great Northern Blvd	85	4
14	Cuyahoga	South Euclid	Green Rd & Mayfield Rd	77	4
15	Cuyahoga	Strongsville, North Royalton	W 130th St & W Royalton Rd	71	4
16	Cuyahoga	Euclid	Chardon Rd & Euclid Ave	67	5
17	Cuyahoga	Bedford Hts, Warrensville Hts	Miles Rd & Green Rd	52	5
18	Cuyahoga	Parma	Ridgewood Rd & State Rd	51	4
18	Cuyahoga	Parma	Ridge Rd & Pearl Rd	51	4
19	Cuyahoga	Cleveland	Buckeye Rd & East Blvd	49	4
20	Cuyahoga	Parma	Ridgewood Rd & Ridge Rd	46	5
21	Medina	Brunswick Hills Twp, Liverpool Twp	Marks Rd & SR-303	42	4
22	Lorain	Lorain	Oakdale Ave & W 21st St	41	4
23	Lorain	Elyria	W 3rd St & S Gateway Blvd & 2nd St	30	5
24	Lorain	Henrietta Twp	Baumhart Rd & SR-113	29	5
25	Lake	Madison Twp	Dock Rd/Arcola Rd & N Ridge Rd	27	4
26	Geauga	Middlefield	High St & Old State Rd	24	4
27	Lorain	Brighton Twp	SR-18 & SR-511	17	4



Regional Safety Priority Intersections Intersections with More Than 150 Crashes (2013 to 2017 Crash Data)

Rank	County	Community	Intersection	Total Crashes	FSI
1	Cuyahoga	Cleveland	E 55th St & Woodland Ave & Kinsman Rd	290	1
2	Cuyahoga	Cleveland	E 30th St & Orange Ave	265	0
3	Lake	Mentor	Reynolds Rd & Mentor Ave	255	2
4	Lake	Willoughby	SOM Center Rd & Euclid Ave	234	2
5	Cuyahoga	Strongsville	Howe Rd & W Royalton Rd	207	2
6	Cuyahoga	Cleveland	E 9th St & Carnegie Ave	207	0
7	Cuyahoga	Cleveland	E 93rd St & Kinsman Rd	198	3
8	Cuyahoga	Mayfield Heights	SOM Center Rd & Mayfield Rd	195	1
9	Cuyahoga	Cleveland	Lee Rd & Harvard Ave	192	2
10	Lorain	Elyria	Center Ridge/Cleveland St & JFK Memorial Pkwy	190	5
11	Lorain	Elyria	Abbe Rd & JFK Memorial Pkwy	174	3
12	Cuyahoga	Beachwood/Lyndhurst	Cedar Rd & Richmond Rd	170	2
13	Lake	Mentor	Old Johnnycake Ridge Rd & Mentor Ave	167	3
14	Cuyahoga	Middleburgh Heights	Bagley Rd & Engle Rd	167	0
15	Cuyahoga	Cleveland	Euclid Ave & Mayfield Rd/Ford Dr	163	3
16	Lorain	Avon	Center Rd & Detroit Rd	162	4
17	Cuyahoga	Cleveland	W 150th St & Puritas Rd	162	3
18	Cuyahoga	Beachwood	Richmond Rd & Chagrin Blvd	162	2
19	Cuyahoga	Cleveland	Lee Rd & Miles Rd	161	2
20	Cuyahoga	Westlake	Crocker Rd & Detroit Rd	161	0
21	Lake	Cleveland	W 14th St & Quigley Rd	159	1
22	Cuyahoga	Cleveland Heights	Cedar Glen Pkwy & Euclid Heights Blvd	158	1
22	Lake	Mentor	Chillicothe Rd & Heisley Rd & Mentor Ave	158	1
23	Cuyahoga	Cleveland	E 116th St & Kinsman Rd	157	1
24	Cuyahoga	Cleveland	Prospect Ave & E 9th St & Huron Rd	156	1



Regional Safety Priority Corridors Five or More Fatal or Serious Injury (FSI) Crashes per Mile (2013 to 2017 Crash Data)

Rank	County	Community	Corridor	From	To	Total Crashes	FSI
1	Cuyahoga	Cleveland, Euclid	Dille Rd/Nottingham Rd	Euclid Ave	S Waterloo Rd/I-90 EB Exit Ramp	155	5
2	Cuyahoga	Cleveland	St Clair Ave	E 115th St	Casper Rd (0.12 mi SW of Hayden Rd)	141	6
3	Cuyahoga	Cleveland	St Clair Ave	E 93rd St	E 115th St	130	6
4	Cuyahoga	Cleveland	E Superior Ave	E 58th St	E 81st St	124	7
5	Lorain	Elyria	Lorain Blvd	Ohio Turnpike Exit Ramp	0.11 mi N of I-90 Westbound Exit Ramp	124	6
6	Cuyahoga	North Olmsted	Lorain Rd	Ranchview Ave (0.31 mi W of Great Northern Blvd)	Coe Ave (0.28 mi E of Columbia Rd)	119	6
7	Cuyahoga	Cleveland	Lorain Ave	W 179th St	W 152nd St	112	5
8	Cuyahoga	Parma	Broadview Rd	Snow Rd	Brookpark Rd SR-17	104	5
9	Cuyahoga	Cleveland	Kinsman Rd	E 68th St	0.18 mi SE of E 82nd St at Norfolk	96	5
10	Cuyahoga	Euclid	Euclid Ave/Chardon Rd	Grand Blvd (0.28 mi W of Nottingham)	E 226th St	90	6
11	Cuyahoga	Parma	Ridge Rd	Whittington Dr (0.43 mi S of Snow Rd)	Pearl Rd (US-42)	83	5
12	Lorain	Lorain, Elyria Twp, Sheffield Twp	North Ridge Rd	Rolling Ave	Lorain Blvd (SR-57)/SR-254	79	5
13	Cuyahoga	Cleveland	E Superior Ave	E 81st St	E 108th St	78	6
14	Cuyahoga	Strongsville	Prospect Rd	Royalton Rd	0.29 mi S of Albion Rd	69	5
15	Cuyahoga	Euclid	Lake Shore Blvd	E 219th St	E 244th St	67	7
16	Cuyahoga	Cleveland	Broadway Ave	Aetna Rd	Booth Ave (0.15 mi N of Harvard Ave)	60	5
17	Cuyahoga	Cleveland	Detroit Ave	W 114th St	W 95th St	59	5
18	Cuyahoga	Parma	Snow Rd	W 44th St	0.26 mi W of Broadview Rd	54	5
19	Lorain	Lorain	E 21st St/Henderson Dr	Broadway (SR-57)	Bridge Dr	51	6
20	Cuyahoga	Euclid	Lake Shore Blvd	E 244th St	E 272nd St	49	6
21	Lorain	Lorain	E 28th St	0.31 mi E of Fulton Rd	Clinton Ave	45	5
22	Cuyahoga	North Royalton, Parma	York Rd	Lynn Dr	Pleasant Lake Blvd	42	5
23	Lake	Painesville	W Erie St	Liberty St Ext (N of Richmond St)	0.17 mi W of Painesville/Painesville	40	5
24	Lorain	Elyria, Carlisle Twp	East River Rd	Chestnut Ridge Rd	0.11 mi N of Carlisle Twp NCL	31	5
25	Cuyahoga	Bedford	Northfield Rd	Interstate St (0.20 mi S of Union St)	Avery Ave (0.32 mi S of Columbus Rd)	30	5
26	Lorain	Penfield Twp, Lagrange Twp	Lattasburg-Elyria Rd	0.34 mi N of Peck Wadsworth Rd	0.63 mi N of Webster Rd	12	5



Regional Safety Priority Corridors Corridors with More Than 150 Crashes Per Mile (2013 to 2017 Crash Data)

Rank	County	Community	Corridor	From	To	Total Crashes	FSI
1	Lake	Mentor	Mentor Ave	0.16 mi E of Hopkins Rd	Old Johnnycake Ridge Rd	247	3
2	Cuyahoga	Middleburg Hts	Bagley Rd	Old Oak Blvd	Fry Rd	247	0
3	Lake	Mentor	Reynolds Rd	0.13 mi S of Mentor Ave	SR-2 North Ramps	246	0
4	Cuyahoga	Stongsville	W Royalton Rd	0.22 mi W of Howe Rd	0.26 mi W of Valley Pkwy	233	3
5	Cuyahoga	Cleveland	Lee Rd	Miles Ave	Walden Ave (0.15 mi S of Scottsdale Blvd)	222	2
6	Cuyahoga	Beachwood	Chagrin Blvd	0.17 mi E of Green Rd	0.18 mi E of Richmond Rd	218	3
7	Cuyahoga	Cleveland	E 9th St	Sumner Ave	N Marginal Rd	214	1
8	Cuyahoga	Mayfield Hts	Mayfield Rd	0.42 mi E of Lander Rd	0.13 mi E of SOM Center Rd	213	2
9	Cuyahoga	Beachwood, Woodmere	Chagrin Blvd	I-271 Southbound On-Ramp	Woodmere/Orange Corporation Line	210	3
10	Cuyahoga	Lyndhurst, Beachwood	Cedar Rd	0.27 mi W of Richmond Rd	Acacia Park Dr (W of I-271 SB On-Ramp)	193	4
11	Cuyahoga	Parma, Cleveland, Brooklyn	Ridge Rd	Pearl Rd	Ira Ave	176	3
12	Cuyahoga	Cleveland	E 55th St	0.10 mi S of Francis Ave	Scovill Ave (0.13 mi S of Quincy Ave)	171	3
13	Lake	Willoughby	Euclid Ave	0.25 mi W of SOM Center Rd	Northridge Dr	169	1
14	Cuyahoga	Lyndhurst, Mayfield	Mayfield Rd	0.11 mi E of Brainard Rd	0.42 Mi E of Lander Rd	167	2
15	Cuyahoga	Cleveland, Shaker Hts	Kinsman Rd	E 132nd St	0.05 mi E of Cleveland/Shaker Hts Corp Line	164	3
16	Cuyahoga	Cleveland	Prospect Ave	Superior Ave	E 18th St	162	0
17	Cuyahoga	Cleveland, Euclid	Dille Rd/Nottingham Rd	Euclid Ave	S Waterloo Rd/I-90 EB Exit Ramp	155	5
18	Cuyahoga	Cleveland	Denison Ave	Lorain Ave	0.11 mi SE of Ridge Rd	155	0
19	Lake	Mentor	Mentor Ave	0.14 mi W of Midland Rd	Plaza Blvd	151	3



Regional Safety Priority Corridors Three or More Pedestrian and Bicycle FSI Crashes Per Mile (2013 to 2017 Crash Data)

Rank	County	Community	Corridor	From	To	Total Crashes	FSI
1	Cuyahoga	Cleveland	E 9th St	Sumner Ave	N Marginal Rd	42	5
2	Cuyahoga	Cleveland	Broadway Ave	Pershing Ave	Aetna Rd	26	3
3	Cuyahoga	Cleveland	W 25th St	Scranton Rd	Walton Ave	25	5
4	Cuyahoga	Cleveland	St Clair Ave	E 93rd St	E 115th St	23	6
5	Cuyahoga	Cleveland	E Superior Ave	E 81st St	E 108th St	22	3
6	Cuyahoga	Cleveland	E Superior Ave	E 58th St	E 81st St	21	3
7	Cuyahoga	Cleveland	Clark Ave	Fulton Rd	W 11th St	20	5
7	Cuyahoga	Cleveland	Detroit Ave	W 95th St	W 65th St	20	5
8	Cuyahoga	Cleveland	Lorain Ave	W 179th St	W 152nd St (E of Triskett Rd)	19	4
9	Cuyahoga	Cleveland	W 25th St	Norfolk Southern Railroad Tracks (S of Train Ave)	Detroit Ave	18	4
10	Cuyahoga	Cleveland	W 117th St	0.13 mi S of Lorain Ave	Berea Rd	18	3
11	Cuyahoga	Cleveland, Euclid	Euclid Ave	Hillview Rd	Grand Blvd (0.20 mi E of E 196th St)	17	5
12	Cuyahoga	Cleveland Hts	Noble Rd	Mayfield Rd	Oxford Rd (0.20 mi N of Monticello Blvd)	17	3
13	Cuyahoga	Cleveland	W 150th St	Puritas Ave	Chatfield Ave	16	3
14	Cuyahoga	Cleveland	E 55th St	Prospect Ave	Superior Ave	15	3
14	Cuyahoga	Cleveland	Lorain Ave	0.15 mi W of W 65th St	W 42nd St	15	3
15	Cuyahoga	Cleveland	E 93rd St	Prince Ave (0.36 mi N of Harvard Ave)	Easton Ave (0.23 mi S of Kinsman Rd)	14	7
16	Cuyahoga	Cleveland,	E 105th St	Bryant Ave (0.34 mi S of St Clair Ave)	Lakeshore Blvd	14	4
17	Cuyahoga	Cleveland	Miles Rd	E 99th St	E 124th St	13	4
18	Cuyahoga	Cleveland	Detroit Ave	W 114th St	W 95th St	13	3
18	Cuyahoga	East Cleveland	Euclid Ave	Wymore Ave W of Lee Blvd	Noble Rd	13	3
18	Cuyahoga	Cleveland	Lorain Ave	W 97th St	0.15 mi W of W 65th St	13	3
19	Cuyahoga	Cleveland, East Cleveland	E Superior Ave	E 108th St	Hayden Ave	12	5
20	Cuyahoga	Euclid	Euclid Ave	Babbit Rd	Hillandale Dr (E of E 276th St)	12	4
21	Cuyahoga	Cleveland	E 131st St	Hoy Ave (0.14 mi S of Miles Ave)	Bartlett Ave	12	3
22	Cuyahoga	Berea, Middleburg Hts	Bagley Rd	Front St	Old Oak Blvd	11	5
23	Cuyahoga	Parma	Broadview Rd	Snow Rd/Rockside Rd	Brookpark Rd	11	4
24	Cuyahoga	Cleveland Hts, University Hts, South Euclid	Cedar Rd	Goodnor Rd (0.24 mi E of Lee Rd)	Fenwick Rd (0.23 mi E of Washington Blvd)	11	3
25	Cuyahoga	Cleveland	St Clair Ave	W 10th St/Old River Rd	E 13th St	10	5
26	Cuyahoga	Cleveland	E 93rd St/Woodhill Rd	Easton Ave (0.23 mi S of Kinsman Rd)	Buckeye Rd	10	4
27	Cuyahoga	Euclid	E 222nd St	Lakeland Blvd	Bruce Ave (0.53 mi S of Babbitt Rd)	10	3



Regional Safety Priority Corridors Three or More Pedestrian and Bicycle FSI Crashes Per Mile (2013 to 2017 Crash Data)

Rank	County	Community	Corridor	From	To	Total Crashes	FSI
27	Cuyahoga	Parma	Ridge Rd	0.18 mi S of Regency Dr	Buckingham Dr (N of W Ridgewood Dr)	10	3
27	Cuyahoga	Cleveland	Rocky River Dr	Chatfield Ave	0.17 mi S of Munn Rd	10	3
28	Cuyahoga	Bedford, Maple Hts	Center Rd	Grand Blvd	Raymond St	8	4
28	Lake	Painesville	W Erie St	Liberty St	0.14 mi W of Painesville ECL	8	4
29	Cuyahoga	North Olmsted	Lorain Rd	Coe Ave	North Olmsted/Fairview Park Corp Line	8	3
29	Cuyahoga	Cleveland Hts, South Euclid	Warrensville Center Rd	Verona Rd (0.35 mi N of Cedar Rd)	Mayfield Rd	8	3
30	Medina	Wadsworth	College St/Broad St	0.31 mi W of West St	Humbolt Ave (0.30 mi E of High St)	7	3
30	Cuyahoga	Parma, Parma Hts	W Ridgewood Dr	York Rd	S Canterbury Rd (0.32 mi W of Ridge Rd)	7	3
30	Lorain	Lorain	W 21st St	Oberlin Ave	Broadway	7	3
31	Lorain	North Ridgeville	Center Ridge Rd	Jaycox Rd	Lear Nagle Rd	6	3
31	Cuyahoga	Fairview Park	Lorain Rd	W 214th St	Wooster Rd	6	3
32	Cuyahoga	Brook Park	Snow Rd	0.14 mi E of Fry Rd	0.38 mi W of W 130th St	5	3
33	Geauga	Middlefield, Middlefield Twp	W High St	0.09 mi W of State Ave (SR-608)	0.27 mi W of Madison Ave (SR-528)	4	4
34	Geauga	Middlefield, Middlefield Twp	Old State Rd	Kinsman Rd	0.28 mi S of Nauvoo Rd	4	3
34	Lorain	Lorain	W 23rd St	Oberlin Ave	Broadway Ave	4	3
35	Cuyahoga	Hunting Valley, Gates Mills	Chagrin River Rd	0.11 mi S of Cedar Rd/Burton Trl	0.65 mi S of Old Mill Rd	3	3
35	Lake	Painesville Twp, Perry Twp	N Ridge Rd	Hale Rd	Narrows Rd	3	3