

TOP 40 REGIONAL HIGH-CRASH INTERSECTIONS (2012 TO 2014)

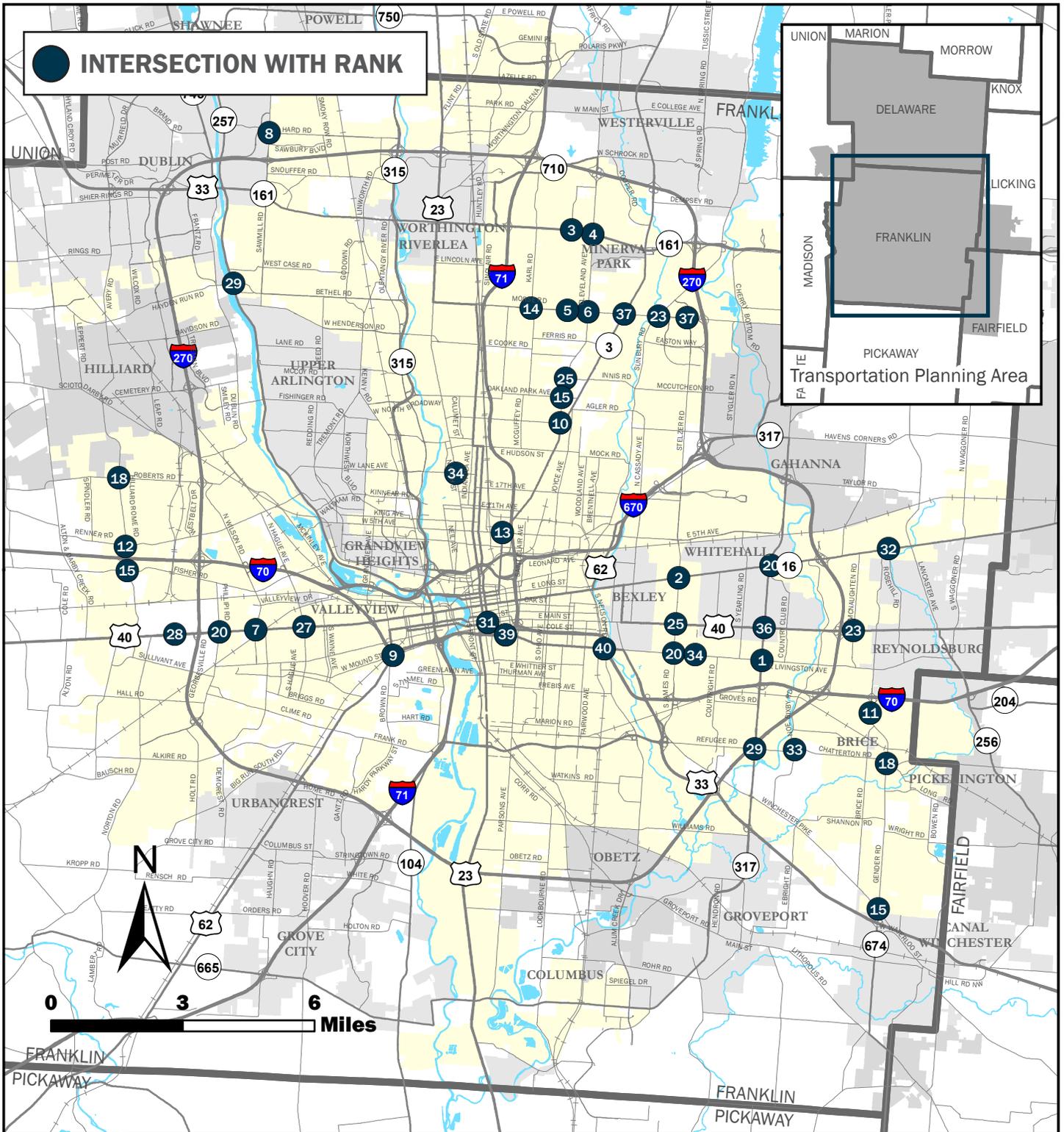
RANK	LOCATION	JURISDICTION	TOTAL CRASHES (FREQ.)	CRASH SEVERITY					SEVERITY (EPDO)	AVERAGE DAILY TRAFFIC (ADT)	CRASH RATE (MEV RATE)	CRITERIA RANKINGS			ANNUAL CRASHES			COMMENTS
				Fatal	Serious Injury	Visible Injury	Possible Injury	PDO				Freq.	EPDO	MEV	2012	2013	2014	
1	E Livingston Ave @ Hamilton Rd / SR 317	Columbus	152	1	4	22	16	109	3.48	36,100	3.85	5	8	3	53	48	51	Right turn lanes completed in 2008. Columbus conducted safety study in 2014. Signal backplates on EB/WB approaches will be added fall 2015. Project for improvements is currently in design phase.
2	Broad St / SR 16 @ James Rd	Columbus	165		5	17	29	114	3.40	50,100	3.01	2	10	8	56	61	48	HSP study completed in 2007. Study updated 2010. Signal backplates on EB/WB will be added fall 2015.
3	Dublin Granville Rd / SR 161 @ Maple Canyon Dr	Columbus	152		3	19	20	110	2.96	36,700	3.78	5	29	5	39	54	59	SR 161 corridor timing changes made in 2011. ODOT approved safety funding for a corridor access study. Corridor study is currently underway.
4	Cleveland Ave @ Dublin Granville Rd / SR 161	Columbus	162		3	18	24	117	2.89	50,200	2.95	3	31	10	50	54	58	SR 161 corridor timing changes made in 2011. ODOT approved safety funding for a corridor access study. Corridor study is currently underway. Signal backplates on EB/WB will be added fall 2015.
5	Morse Rd @ Northtowne Blvd / Walford St	Columbus	115		4	14	8	89	3.29	40,100	2.62	16	11	18	33	50	32	Signal retiming in 2014.
6	Cleveland Ave @ Morse Rd	Columbus	250	1	2	27	33	187	2.57	55,600	4.11	1	52	1	72	72	106	Phase 2 of Morse Rd project completed in 2010, added turn lanes, signal rephasing. Crashes significantly reduced in 2010 and 2011. City continues to monitor this intersection and a safety study is underway.
7	Broad St / US 40 @ N Wilson Rd	ODOT	108		2	13	22	71	3.15	37,000	2.67	19	21	16	41	27	40	PID 93173: includes road widening, access control, signal coordination. Project is scheduled to begin construction in 2019. PID 13034: which establishes a new
8	Hard Rd @ Sawmill Rd	Columbus	114		4	12	19	79	3.56	49,600	2.10	17	6	37	39	36	39	ODOT is developing a project to add a third northbound thru lane from Billingsley to Hard Road (PID 95628). Intersection improvements to be sold with Phase A of Hard Road widening project in 2015.
9	S Central Ave / Harrisburg Pike @ W Mound St	Columbus	89		2	14	11	62	3.23	30,700	2.65	44	14	17	25	29	35	Safety study completed in 2014. Project for improvements is currently in design phase.
10	Cleveland Ave @ Weber Rd	Columbus	84		2	10	14	58	3.21	28,200	2.72	53	16	14	34	24	26	Minor signal timing improvements in 2014.
11	Brice Rd @ Scarborough Blvd / Tussing Rd	Columbus	129	1	1	10	22	95	2.66	54,600	2.16	8	44	33	42	35	52	LED heads 2009.
12	Hilliard Rome Rd @ Renner Rd	Columbus	150		2	15	9	124	2.31	49,600	2.76	7	67	13	42	48	60	Interchange project at I-270 and Hilliard Rome Rd. w/ Feder Rd/Fisher Rd in 2014.
13	Cleveland Ave / SR 3 @ E 5th Ave	Columbus	95		1	11	14	69	2.61	25,700	3.38	34	48	6	36	31	28	Project currently in design stage. Project has recieved OPWC funding.
14	Karl Rd @ Morse Rd	Columbus	128		2	14	10	102	2.52	46,400	2.52	10	57	23	43	41	44	Signal retiming in 2014.
15	Feder Rd / Fisher Rd @ Hilliard Rome Rd	Columbus	101		2	11	18	70	3.04	46,100	2.00	26	25	46	23	33	45	Traffic study completed. ODOT awarded partial funding; additional funding being requested from MORPC. Project for improvements moving to design phase in 2015.
16	Cleveland Ave @ Oakland Park	Columbus	81		1	16	12	52	3.16	28,800	2.57	57	20	20	31	22	28	Safety study completed. Minor improvements made in 2013. Signal backplates will be added fall 2015. City will continue to monitor this intersection.
17	Gender Rd / SR 674 @ Winchester Pike	Columbus	74		4	10	12	48	4.44	26,200	2.58	75	3	19	27	24	23	
18	Hilliard Rome Rd @ Roberts Rd	Columbus	87		2	14	11	60	3.28	39,000	2.04	45	12	43	16	28	43	Signal backplates on EB/WB approaches will be added fall 2015.
19	Gender Rd @ Refugee Rd	Columbus	161			14	19	128	1.94	35,900	4.10	4	94	2	51	56	54	HSP study completed in 2008. ODOT approved for safety funding. Project currently in design phase for improvements.
20	Georgesville Rd @ W Broad St / US 40	ODOT	99			11	24	64	2.53	35,200	2.57	27	55	20	35	39	25	PID 83018: includes resurfacing, access control, sidewalks, and signal coordination. PID 13034: establishes a new central traffic control system.
21	James Rd @ Livingston Ave	Columbus	81		3	9	12	57	3.60	35,900	2.06	57	5	40	25	21	35	LED head installed in 2009. Safety study recently completed. ODOT funding preliminary engineering review of this intersection to begin late 2015.
22	E Broad St / SR 16 @ Hamilton Rd / SR 317	Whitehall	97	1		11	21	64	2.84	42,200	2.10	31	35	36	22	31	44	
23	Morse Rd @ Sunbury Rd	Columbus	99		3	10	13	73	3.22	52,300	1.73	27	15	62	38	29	32	Signal backplates will be added fall 2015.
24	E Main St / US 40 @ McNaughten Rd	Columbus	127			18	20	89	2.40	52,200	2.22	12	64	28	37	39	51	ODOT approved for safety funding. Project in design phase.

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25	Cleveland Ave @ Innis Rd	Franklin County	81		1	11	17	52	3.03	29,700	2.49	57	26	24	28	23	30	Intersection is being upgraded to include LED signal heads and backplates. Included in signal coordination project along Cleveland Avenue.
26	E Main St / US 40 @ S James Rd	Columbus	96		1	14	10	71	2.63	39,700	2.21	32	46	29	33	32	31	
27	N Hague Ave @ W Broad St / US 40	Columbus	80		2	6	10	62	2.85	26,100	2.80	62	34	12	31	26	23	Safety study completed. ODOT awarded safety funding. Design of project is underway.
28	S Murray Hill Rd @ W Broad St / US 40	ODOT	103			13	19	71	2.41	42,300	2.22	23	62	26	29	32	42	PID 76282: Currently underconstruction, to be completed in 2016. PID 13034: establishes a new central traffic control system.
29	Hayden Rd @ Riverside Dr / US 33	ODOT	107		2	13	15	77	2.93	57,100	1.71	20	30	63	42	33	32	PID 13034: establishes a new central traffic control system. Also past safety studies have been conducted at this location
30	Hamilton Rd / SR 317 @ Refugee Rd	Columbus	102		2	7	15	78	2.68	47,800	1.95	24	41	48	31	36	35	MORPC funding for 2017 construction.
31	E Fulton St @ S 4th St / US 23	Columbus	106		1	6	10	89	2.03	25,200	3.84	21	89	4	29	33	44	Traffic control modifications have been made at this intersection after the I-70 ramp to Fourth Street closed in 2014.
32	E Broad St / SR 16 @ Rosehill Rd	Columbus	86		2	9	11	64	2.96	38,200	2.06	47	28	41	27	36	23	E Broad corridor study completed. No funding identified for design or construction. Signal backplates on EB/WB approaches will be added fall 2015.
33	Chatterton Rd / Refugee Rd @ Noe-Bixby Rd	Franklin County	98			12	13	73	2.20	27,000	3.31	29	81	7	31	33	34	A full rebuild of the intersection occurred between 2013-2015. The project included additional lanes, upgraded signals, and improved lighting. This intersection was annexed to the City of Columbus in February of 2015.
34	High St @ Lane Ave	Columbus	80		3	7	5	65	3.17	35,400	2.06	62	18	39	34	22	24	Major widening completed in 2006. City will continue to monitor this intersection.
35	Barnett Rd @ Livingston Ave	Columbus	69		1	16	10	42	3.43	24,700	2.55	88	9	22	24	23	22	Safety study completed. ODOT awarded safety funding. Design of improvement project is underway.
36	E Main St / US 40 @ Hamilton Rd / SR 317	Whitehall	90		1	8	16	65	2.59	37,500	2.19	42	50	30	29	27	34	
37	Morse Rd @ Westerville Rd / SR 3	Columbus	128		2	11	7	108	2.30	57,900	2.02	10	68	45	39	42	47	2009 SR 3 corridor study, starting at Morse Rd. Signal timing study ODOT/TEC throughout the Easton area.
38	Morse Rd @ Stelzer Rd	Columbus	124		2	9	19	94	2.60	64,600	1.75	14	49	60	50	35	39	Modifications have been made to accommodate development adjacent to the intersection. Signal backplates will be added fall 2015.
39	E Mound St @ S 3rd St	Columbus	82		1	9	10	62	2.55	27,600	2.71	55	54	15	22	22	38	
40	Alum Creek Dr @ E Livingston Ave / US 33	Columbus	98		2	7	8	81	2.49	42,600	2.10	29	60	35	26	40	32	Signal backplates on EB/WB approaches will be added fall 2015.
TOTAL (ALL SITES COMBINED)			4,430	4	75	498	608	3,245	2.88	1.6M	2.58	N/A			1,415	1,427	1,588	

Notes

- The regional high-crash location list does not include intersections or ramps involving interstates or similar limited-access highways.
- Intersection totals include crashes within 250 ft. of the middle of the intersection, based on location information provided by the Ohio Dept. of Transportation on 3.31.15.
- Injury crash totals include crashes that involve a possibility of injury, as recorded by the reporting officer. Many injury crashes involve only minor injuries.
- PDO crashes are those resulting in property damage only (i.e., no injuries).
- Equivalent Property Damage Only Index (EPDO) is calculated by the following formula: $(39.22 \times [\# \text{ Fatal \& Ser Injury Crashes}] + 6.84 \times [\# \text{ Visible Injury Crashes}] + 4.63 \times [\# \text{ Possible Injury Crashes}] + [\# \text{ PDO Crashes}]) / [\# \text{ Total Crashes}]$.
- Average Daily Traffic (ADT) refers to the estimated number of vehicles that entered the intersection per day. ADT estimates are based on a combination of traffic counts and model estimates.
- Crash Rate per Million Entering Vehicles (MEV Rate) is calculated by the following formula: $([\# \text{ Total Crashes}] / 3) / (\text{ADT} \times 365 / 1,000,000)$.
- Overall intersection rankings are calculated based on a methodology that includes crash frequency, severity, and rate. For more details on MORPC's crash methodologies, please visit: <http://www.morpc.org/safety>.
- The information provided is based on the best available sources, but is not guaranteed to be free from errors.
- Source: ODOT/ODPS/MORPC.

TOP 40 HIGH-CRASH LOCATIONS (2012 TO 2014)



SOURCE: ODPS/ODOT/MORPC

The information shown on this map is compiled from various sources made available to us which we believe to be reliable.

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8/21/2015