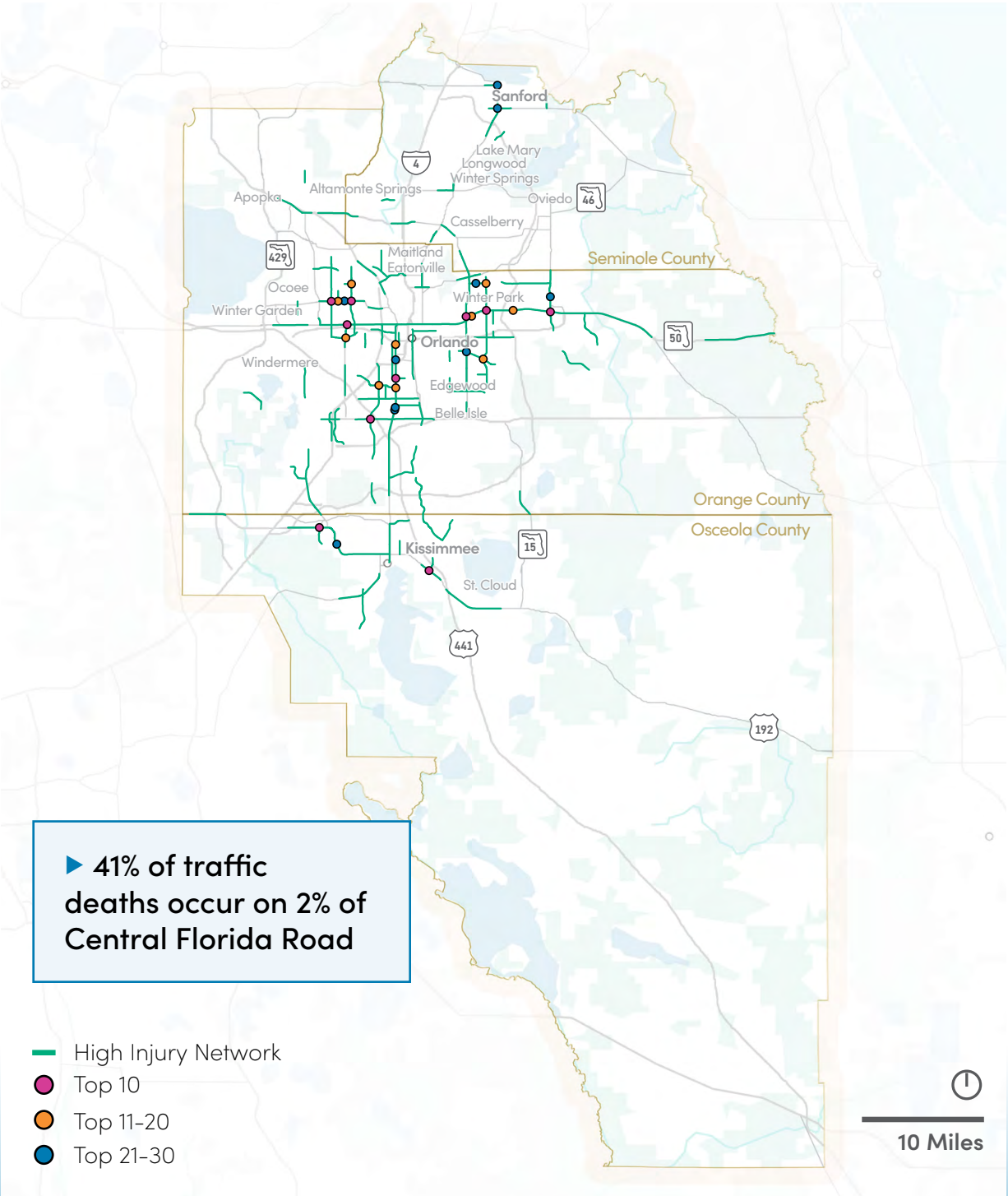


# High Injury Network (HIN)

## WORST ROADS & INTERSECTIONS FOR CRASH DEATHS AND SERIOUS INJURIES



### WHAT IS A HIGH INJURY NETWORK (HIN)?

A HIN is a collection of streets where a disproportionate number of crashes that result in someone being killed or severely injured (KSI) occur. This allows us to focus our efforts on the places where crashes are more likely to result in a KSI.

### HOW IS IT CALCULATED?

The HIN calculations weight crashes differently depending on the mode of travel involved and the severity of the crash. Crash summaries for each half mile roadway segment were calculated with the segments that receive the highest score comprising the HIN. High injury intersections are identified using a similar process as the HIN, considering all crashes within 250 feet of each intersection.

### HIN FACTS

- Average Posted Speed **43mph**
- Average Prevailing Speed **53mph**
- 53%** of HIN in **Disadvantaged Community**<sup>1</sup> (**25%** of the region is classified as disadvantaged)
- HIN includes:
  - 60%** State Roads
  - 30%** County Roads
  - 10%** Local roads

<sup>1</sup> **Disadvantaged Communities** experience greater transportation inequities to access jobs, housing, food, health care, education and other destinations. More information can be found on the website: <https://www.transportation.gov/priorities/equity/justice40/etc-explorer>

### HIN NETWORK OVERALL STATISTICS

	ALL ROADS*	HIN	% HIN	FEDERAL AID (FA) NETWORK	% HIN OF FA
CENTERLINE MILES	10,728	258	2%	1,965	13%
All Crashes	272,523	98,975	36%	229,278	43%
DEATHS	1,143	638	56%	1,071	60%
KSI	7,146	3,378	47%	6,398	53%
PEDESTRIAN KSI	949	576	61%	854	67%
BICYCLIST KSI	327	164	50%	285	58%
MOTORCYCLIST KSI	956	416	44%	864	48%

\* All roads excluding limited access (interstate, toll roads, parking lots, etc.)

\* All roads in HIN are on FA network

### HOW CAN YOU GET INVOLVED

This planning initiative encourages participation from people of all ages across our region, including community leaders, residents, and visitors. Join us in this quest to eliminate deaths and serious injuries on Central Florida's roads. We can save lives when each of us does our part and we all work together.



Visit our website to review crash data, learn more about safety, provide feedback and get details for upcoming events:

[VisionZeroCFL.gov](https://VisionZeroCFL.gov)

TOP 30 HIGH INJURY NETWORK INTERSECTION LOCATIONS

#	Intersection	Location	Safety Score <sup>2</sup>
1.	John Young Parkway at Sand Lake Road	Orange County	10,140
2.	Alafaya Trail at Colonial Drive	Orange County	10,103
3.	Orange Blossom Trail at Holden Avenue	Orange County	10,055
4.	Hiawassee Road at Silver Star Road	Orange County	9,630
5.	N Poinciana Boulevard at Irlo Bronson Memorial Highway	Osceola County	9,399
6.	Pine Hills Road at Silver Star Road	Orange County	8,673
7.	Semoran Boulevard at Old Cheney Hwy	Orange County	8,509
8.	W Colonial Drive at N Kirkman Road	Orange County	7,097
9.	Goldenrod Road at Colonial Drive	Orange County	7,040
10.	Simpson Road at Irlo Bronson Memorial Highway	Osceola County	6,946
11.	Orange Blossom Trail at Gore Street	Orlando	6,769
12.	N Kirkman Road at Old Winter Garden Road	Orange County	6,724
13.	Goldenrod Road at Curry Ford Road	Orange County	6,715
14.	John Young Parkway at Conroy Road	Orange County	6,699
15.	Pine Hills Road at North Lane	Orange County	6,651
16.	Colonial Drive at Econlockhatchee Trail	Orange County	6,480
17.	Powers Drive at Silver Star Road	Orange County	6,415
18.	Orange Blossom Trail at Conroy Road/Americana Boulevard	Orange County	6,401
19.	Old Cheney Highway/Tucker Avenue at Colonial Drive	Orange County	6,386
20.	Goldenrod Road at University Boulevard	Orange County	6,224
21.	Alafaya Trail at Lokanotosa Trail	Orange County	5,905
22.	Semoran Boulevard at Curry Ford Road	Orlando	5,504
23.	S French Street at W 25th Street	Sanford	5,459
24.	Hastings Street at Silver Star Road	Orange County	5,368
25.	Orange Blossom Trail at Orlando Central Parkway	Orange County	5,160
26.	Orange Blossom Trail at Michigan Street	Orange County	4,924
27.	Irlo Bronson Memorial Highway at Club Sevilla	Osceola County	4,812
28.	Forsyth Road at University Boulevard	Orange County	4,722
29.	N French Avenue at W 1st Street (US 17/92)	Sanford	4,294
30.	Orange Blossom Trail at Premier Row	Orange County	3,919

1. The **Safety Score** is calculated based on the total number of crashes, the **highest level of injury** sustained in each crash, and the **travel mode** of victims. Crashes that result in death or severe injury, or include a person outside a vehicle have different factors applied. With the Safety Score, a higher score indicates the location experiences a high crash rate and a lower score indicates as lower crash rate. A Safety Score of zero indicates no history of crashes at the location.

TOP 30 HIGH INJURY NETWORK CORRIDORS

#	Road Name	From	To	Location	Safety Score <sup>1</sup>
1.	John Young Parkway	SR 50	Orange Center Blvd.	Orlando	17,478
2.	Sand Lake Road/McCoy Road	Turkey Lake Rd.	Universal Blvd.	Orlando	17,104
3.	Chickasaw Trail	Frontage Rd.	Lake Underhill Rd.	Orange County	14,589
4.	Hiawassee Road	SR 438/Silver Star Rd.	SR 50	Orange County	14,547
5.	Oakridge Road	Millenia Blvd.	S. Orange Blossom Trail	Orlando	14,296
6.	Kirkman Road (SR 435)	SR 50	Raleigh St.	Orange County	14,130
7.	Goldenrod Road (SR 551)	SR 50	Lake Underhill Rd.	Orange County	14,129
8.	Semoran Boulevard (SR 436)	Lee Vista Rd.	TG Lee Blvd.	Orlando	14,088
9.	Pine Hills Road	SR 50	Old Winter Garden Rd.	Orange County	13,941
10.	Alafaya Trail	SR 50	Lake Underhill Rd.	Orange County	13,564
11.	Kirkman Road (SR 435)	LB Mcleod Rd.	Major Blvd.	Orlando	13,466
12.	Colonial Drive	Orange Blossom Trail N.	N Bumby Ave.	Orlando	13,415
13.	North Lane	Westgate Rd.	N Pine Hills Rd.	Orange County	12,946
14.	Hiawassee Rd.	SR 50	Old Winter Garden Rd.	Orange County	12,344
15.	SR 434	McCulloch Rd.	SR 50	Orange County	12,284
16.	Oak Ridge Road (CR 506)	S. Orange Blossom Trail	Orange Ave S.	Orange County	12,054
17.	Lee Road	N. Orange Blossom Trail	N. Wymore Rd.	Orange County	11,972
18.	University Blvd.	Semoran Blvd. (SR 436)	Lake Mirage Blvd.	Orange County	11,938
19.	Rosalind Ave.	E. Livingston St.	S. Lucerne Cir.	Orlando	11,526
20.	Semoran Boulevard	Lake Underhill Rd.	Lake Margaret Dr.	Orlando	11,419
21.	US 192/Vine St.	Celebration Ave.	Four Winds Blvd.	Osceola County	11,347
22.	Goldenrod Road	Lake Underhill Rd.	Beatty Dr.	Orange County	11,182
23.	N Ronald Reagan Blvd.	Elder Springs Cir.	Jones Ave.	Seminole County	10,951
24.	W First Street (US 17/92)	N. Persimmon Ave.	N French Ave.	Sanford	10,856
25.	Edgewater Dr./Highland Ave.	Clarcona Ocoee Rd.	Lee Rd.	Orange County	10,652
26.	Conway Road	Curry Ford Rd.	E. Michigan St.	Orlando	10,570
27.	Pershing Ave.	Woodgate Blvd.	Goldenrod Rd.	Orlando	10,554
28.	John Young Pkwy.	SR 528 Ramps	Lazio Ln.	Orange County	10,510
29.	East Lake Mary Blvd.	North of Celery Ave.	SR 46	Seminole County	10,477
30.	Poinciana Blvd.	US 192	Siesta Lago Dr.	Osceola County	10,431

1. The **Safety Score** is calculated based on the total number of crashes, the **highest level of injury** sustained in each crash, and the **travel mode** of victims. Crashes that result in death or severe injury, or include a person outside a vehicle have different factors applied. The roadway segment score was normalized on a per mile basis. With the Safety Score, a higher score indicates the location experiences a high crash rate and a lower score indicates as lower crash rate. A Safety Score of zero indicates no history of crashes at the location.