



Safety Solutions: INRIX and Safety Partners Work Toward Vision Zero



Our mission is to help make mobility safer, greener, and faster. INRIX innovation empowers transportation agencies, businesses and road users with new data sources, tools and insights to improve roadway efficiency and help save lives.

Together with Our Partners, INRIX Helps Improve Roadway Safety through Intelligent Mobility

- Timely and actionable insights into roadway conditions help agencies identify and predict safety risks to keep travelers alert and safer on the road.
- Diverse data sets provide critical information where physical infrastructure is not available, especially in rural areas, and help identify dangerous roads.
- Incident detection engine and alerting system identifies significantly impeded traffic events and establishes direct two-way communication to provide help and aid to travelers who are trapped.



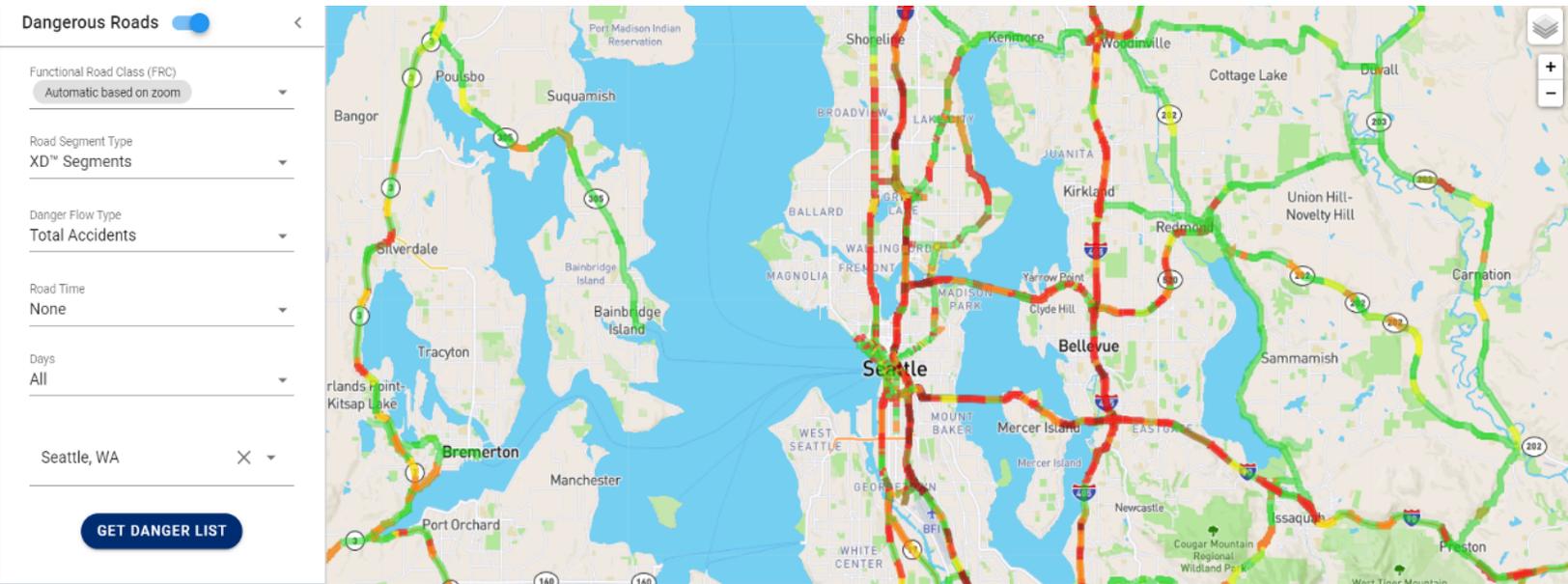
INRIX Riskiest Roads Study

INRIX analyzed and ranked the effect the global pandemic had on automobile and truck collisions on the busiest interstates and highways in the U.S.

[Get the Report on INRIX.com](https://www.inrix.com/reports/riskiest-roads)



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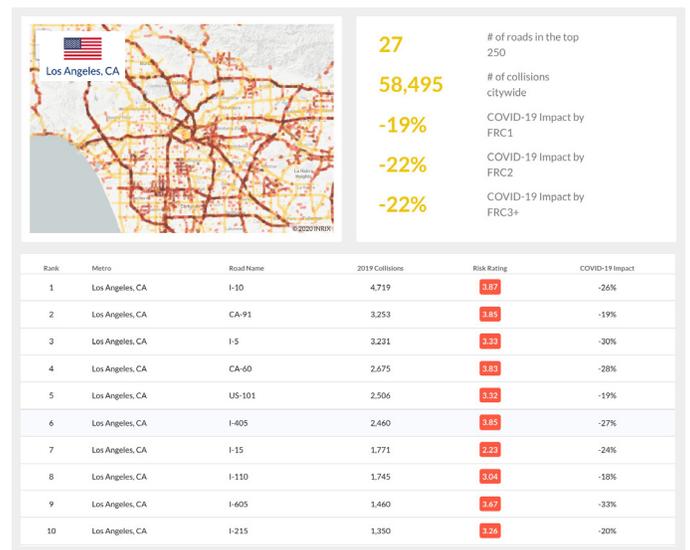
INRIX Dangerous Roads™

Every day, nearly 3,700¹ people are killed globally in crashes involving cars, buses, motorcycles, bicycles, trucks, or pedestrians. Vision Zero policies and action plans have been implemented across the world to reduce traffic-related deaths, regardless of mode of transport, and INRIX is committed to aiding this cause. By helping agencies identify the most dangerous road segments, they can narrow their focus to improving safety on the roads that need it most.

In the US, 74% of traffic accidents occur on only 5% of the roads. We released INRIX Dangerous Roads™ to help transportation professionals pinpoint unsafe roads to help rank and prioritize safety improvement projects.

Features:

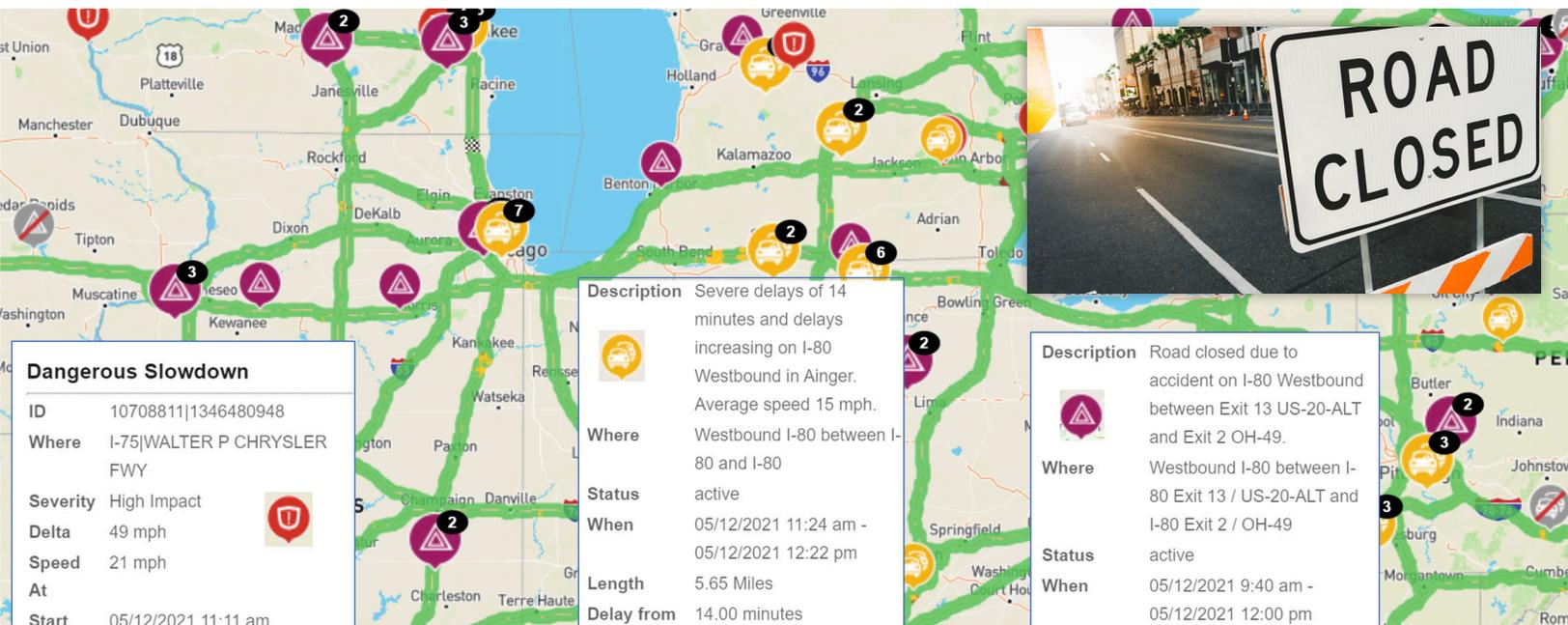
- INRIX captures navigationally impeding collisions and safety-related events on the majority of highly trafficked roads, intersections and corridors in our coverage areas.
- Real-time and historical traffic safety data is analyzed and sorted to rank the “Most Dangerous Roads” per city.
- Roads are assigned road safety scores to help agencies prioritize Vision Zero projects and help fleets identify the safest routes.



¹ SOURCE. National Center for Injury Prevention and Control



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INRIX Safety Alerts detects and warns drivers of changes ahead, including congestion, queues, dangerous slowdowns, and road closures. Since changes can occur quickly, warning drivers can prevent rear-end collisions—especially in rural areas where changes are unexpected and speeds are higher.

Additionally, INRIX Safety Alerts is provided to our partners, Drivewyze and Information Logistics (ILOG), using the INRIX data to implement driver assistance services.

Dangerous Slowdowns

Generated from INRIX speed data, this active safety alert informs users to the presence of potentially hazardous slowdowns by monitoring XD segment speeds and calculating the difference in speeds from one segment to the next.

XD Congestion Alerts

Generated from Real-Time Traffic Flow data, XD Flow Incidents are reported as incidents for areas where congestion occurs anywhere on the network. Each flow incident includes the road segment location, roadway description, congestion report, and average speed along the congested segment.

XD Incidents

Generated from multiple sources, each incident includes the segment location, roadway description, journalistic description, start and end point, last detour point, and average speeds along the congested segment. Incident types include accidents, events, and construction in addition to XD INRIX Flow Incidents.

How it works

Real-time monitoring of the nationwide road network of over 1.5 million miles

Detect and characterize incidents, congestion/queues, and dangerous slowdowns

Minute-to-minute updates that include changes to location and severity



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Commercial Vehicle Alerts

The Drivewyze and INRIX commercial vehicle safety alerts build upon Drivewyze's proven safety notification service by using INRIX traffic intelligence to alert drivers of real-time road conditions, enabling the driver to make safer driving decisions and helping to improve overall road safety.

Drivewyze Provides North America's Largest Commercial Vehicle Connected Service

- Using Drivewyze Connected Truck Platform reaching 2.5 million commercial vehicles, or approximately 25% of all large trucks nationwide
- Delivering to the existing in-cab electronic logging devices (ELDs) to transmit alerts in accordance with Federal Motor Carrier Safety Administration
- Providing driver heads-up static notification services in 46 states

How it works

Proactive Alerts

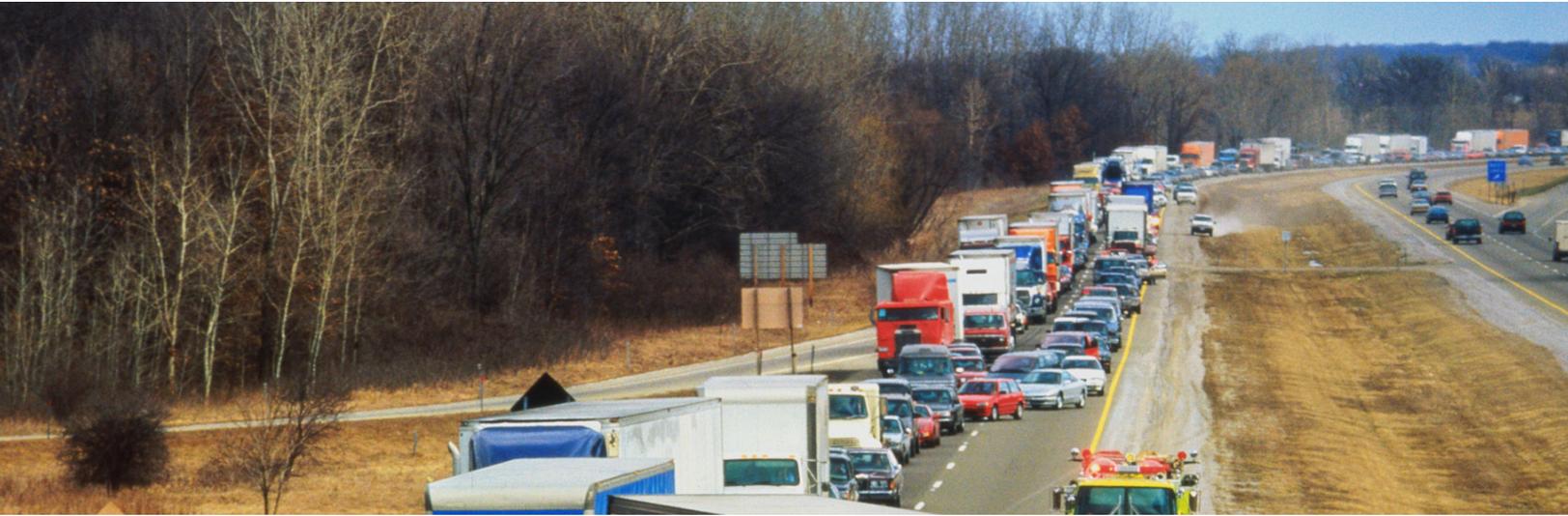
Safety Notifications that appear on in-cab devices make truck drivers aware of upcoming congestion—alerts are triggered by real-time INRIX traffic data

Reduced Speeds = Reduced Crashes

By warning drivers of congestion in real-time, miles ahead, drivers have more time to slow down safely

Driver Connection

Alerts are provided in-cab, agencies are provided with direct messaging and safety broadcasts to the drivers



Highway Emergency Link Platform (HELP)

HELP is an innovative emergency alerting system for establishing direct communications with travelers during roadway closures or other emergencies. The ILOG system uses FEMA's IPAWS alerting system – like an Amber Alert – to alert those in an impacted area.

With a simple dashboard, agencies can instantly activate a dynamic website, a text messaging system, and a phone system for directly connecting with travelers.

HELP is a proven tool that has been deployed across multiple states and regions

GA Alerts provide a geographically targeted alert for travelers on Georgia Roadways to inform them of closures, delays, detours, or other large incidents. GA Alerts utilizes IPAWS to notify the public of changing situations in real-time.

Emily R. Fish, MPA, CEM
Assistant State Maintenance Engineer
Georgia Department of Transportation

Key Features

- Virtual DMS for emergencies
- No app or preregistration required
- Easy to use
- A Federal Emergency Management Agency demonstrated alert origination software system
- Efficiently pushes official messages to geo-targeted customers
- Establishes 1-way or 2-way communications during road closures or other emergencies
- Agencies receive information about the types of vehicles, numbers of people involved and other first-hand information from people on the scene