

RAIL SAFETY GUIDE

Rail is the safest, most efficient, and most sustainable way to transport goods over land. And every day, Norfolk Southern takes meaningful action to make our railroad even safer. We are committed to spreading awareness about rail safety to keep our communities safe. Every year, we train over 5,000 first responders on rail safety and make continual safety improvements across our 22-state network.



Don't Forget!

- ✓ Almost all railroad incidents are preventable.
- ✓ Always stop, look, and listen before crossing tracks. Never walk along tracks outside of a designated public crossing.



Understand the Risks

- ✓ Trains travel on fixed paths, meaning trains cannot swerve to avoid collisions.
- ✓ Trains can travel up to 60 miles per hour or more and can take a mile to stop.
- ✓ Modern trains can be surprisingly quiet and may approach with little noise.
- ✓ All tracks should be considered active; even remote or seemingly abandoned rails should be approached with caution.
- ✓ Trains can travel across any track, in either direction, at any time! This makes having complete awareness of your surroundings crucial to your safety.



How to Prevent Incidents Around Tracks

- ✓ Avoid distracted driving and distracted walking around tracks.
- ✓ Only cross tracks at designated crossings.
- ✓ Look both ways and listen for trains! Make sure you can see down the tracks in both directions before driving or walking across tracks.



Emergency Notification Systems

- ✓ Every crossing has a blue Emergency Notification Systems sign providing critical emergency contact information including an identification number and a phone number that goes directly to someone who can help.

For nearly 200 years, Norfolk Southern has moved America's economy forward by moving the goods and products we rely on every day. Thanks to human ingenuity and technological advancements, freight rail has become the safest way to move goods over land. Today, we operate in 22 states with connections to every major container port on the Atlantic coast as well as major ports across the Gulf Coast and Great Lakes.



What makes up a train?

- ✓ Locomotive: A locomotive is the engine of the train—the muscle that pulls (or pushes) the cars behind it.
- ✓ Railcar: A railcar is the freight-hauler of the train—the big steel box that carries the stuff: cars, coal, containers, and so much more
- ✓ What about the caboose? Trains previously required cabooses for safety reasons and to house crew members. Because of modern safety technology, trains no longer require them. But we still love cabooses!
- ✓ Our people! From our locomotive engineers and conductors to other members of our team, 19,000 Norfolk Southern railroaders work to ensure safe and sustainable operations and superior customer experience.



Fast Facts

- ✓ Freight railroads never stop. Crews work 365 days a year, through storms, holidays, and nights to keep goods moving.
- ✓ The U.S. freight rail system is the largest and most complex in the world, with 140,000+ miles of track, 22,000 locomotives, and 1.3 million freight cars.
- ✓ Freight rail extends across the United States reaching 49 of the 50 states.
 - 1.8 billion tons of freight cross the country each year.
- ✓ Today's diesel-electric locomotives generate more than 4,000 horsepower, more than 20 times that of today's trucks.
- ✓ One freight train can haul the load of 300+ trucks, helping reduce highway congestion and carbon emissions in one swoop.
- ✓ Rail is the most sustainable way to transport goods over land. In fact, shipping by rail versus truck reduces emissions by 75% on average.