

# UNION PACIFIC IN MINNESOTA



BUILDING AMERICA®

## 2017 FAST FACTS

Miles of Track .....	645
Annual Payroll.....	\$39.5 million
In-State Purchases .....	\$180.3 million
Capital Investment .....	\$17.7 million
Employees .....	425
U.S. Jobs Supported* .....	3,825

\*Each American freight rail job supports 9 jobs elsewhere in the U.S. economy. (Association of American Railroads)



## RAIL CARS ORIGINATED IN MINNESOTA

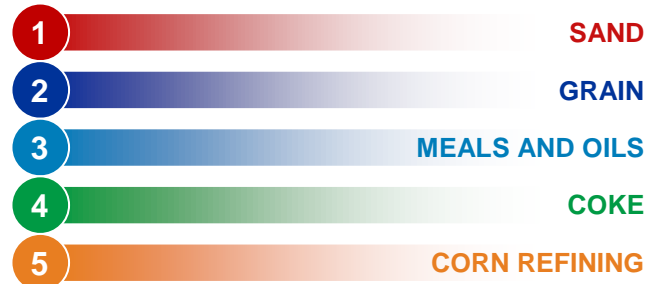
2013.....	124,873
2014.....	129,506
2015.....	117,583
2016.....	109,434
2017.....	121,948

## RAIL CARS TERMINATED IN MINNESOTA

2013.....	47,503
2014.....	56,065
2015.....	47,777
2016.....	31,876
2017.....	35,147

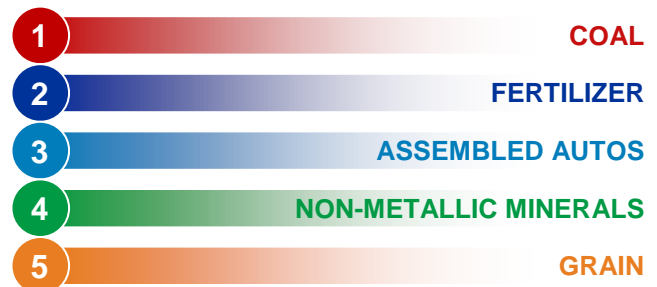
## TOP FIVE COMMODITIES SHIPPED

### 2017 BY VOLUME



## TOP FIVE COMMODITIES RECEIVED

### 2017 BY VOLUME



## SUPPORTING MINNESOTA'S ECONOMY

Union Pacific serves the Land of 10,000 Lakes, operating two main rail corridors along the state's southern border. Rail cars transport the state's bountiful crops including grain and sugar beets. Other principal commodities handled include fertilizer, finished vehicles and sand.

Minnesota is home to the world's largest open pit iron ore mine, according to the state's Department of Natural Resources. Taconite is a low-grade iron ore originally considered a waste rock, but now is mined and exported from Minnesota by Union Pacific unit trains, or a train carrying a single commodity. The taconite is delivered to a mill to be melted into steel.

Union Pacific serves other producers, including flour mills, malt houses, soybean processors and ethanol plants. These commodities are transported by unit train to destinations across the United States.

The company proudly supports Minnesota nonprofit organizations through its Community Ties Giving Profit Program. In 2017, Union Pacific provided \$162,000 to charitable

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groups, such as the Minnesota Zoo Foundation, South St. Paul Youth Task Force, and Great Green River and Neighbors Inc. Grants are awarded to programs meeting one of Union Pacific's philanthropic objectives: helping communities prevent and prepare for accidents and emergencies; fostering skills development for family-supporting jobs; and creating vibrant community spaces.

## INVESTING IN SAFETY

The safety of Union Pacific's employees, customers and the communities it operates in is the company's No. 1 priority. From 2013-2017, Union Pacific invested more than \$147 million strengthening its Minnesota infrastructure. Annual projects include new ties and rail, as well as bridge maintenance.

Union Pacific annually hosts UP CARES operations targeting risky driver and pedestrian behavior around railroad tracks to enhance railroad safety. Union Pacific special agents work in tandem with local law enforcement officers to enhance rail safety. The goal is decreasing crossing accidents, and, ultimately, eliminating them.

## DRIVING INNOVATION AND SUSTAINABILITY

Union Pacific's rails are technological runways enhanced with GPS, specialized sensors and, in some areas, Positive Train Control (PTC). PTC is an advanced system designed to automatically stop a train before certain incidents occur, such as train-to-train collisions and derailments caused by excessive speed or movement through misaligned track switches. Union Pacific completed PTC installation in the required areas, and most trains are operating the new technology.

Unmanned Aerial Systems (UAS), or drones, are part of Union Pacific's safety tool kit, collecting valuable information at derailment sites and natural disaster incidents, allowing the company to assess its infrastructure and respond while keeping employees out of harm's way. Union Pacific is pioneering autonomous drone infrastructure inspection technology, enabling the company to fly drones in places without GPS coverage, such as within or under a large metal bridge or into deep culverts.

The company is using technology to drive fuel efficiency. One train can take several hundred trucks off Minnesota's already congested highways. In 2017, Union Pacific moved a ton of freight on a single gallon of diesel fuel, generating a carbon footprint that is 75 percent less than trucks.

## AMERICA'S PREMIER RAILROAD

One of America's most recognized companies, Union Pacific Railroad (NYSE: UNP) connects 23 states in the western two-thirds of the country by rail, providing a critical link in the global supply chain. From 2008-2017, Union Pacific invested approximately \$34 billion in its network and operations to support America's transportation infrastructure. The railroad's diversified business mix includes Agricultural Products, Energy, and Industrial and Premium business groups. Union Pacific serves many of the fastest-growing U.S. population centers, operates from all major West Coast and Gulf Coast ports to eastern gateways, connects with Canada's rail systems and is the only railroad serving all six major Mexico gateways. Union Pacific provides value to its roughly 10,000 customers by delivering products in a safe, reliable, fuel-efficient and environmentally responsible manner.

## CONTACT US

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