

# UNION PACIFIC IN CALIFORNIA



BUILDING AMERICA®

## 2017 FAST FACTS

Miles of Track .....	3,291
Annual Payroll.....	\$406.6 million
In-State Purchases .....	\$254.5 million
Capital Investment .....	\$276.9 million
Employees .....	4,352
U.S. Jobs Supported* .....	39,168

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



## RAIL CARS ORIGINATED IN CALIFORNIA

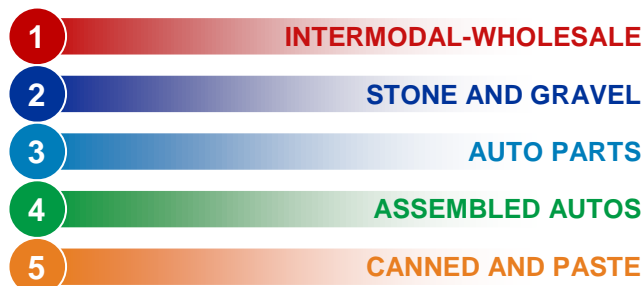
2013.....	1,486,662
2014.....	1,608,781
2015.....	1,537,094
2016.....	1,436,107
2017.....	1,435,058

## RAIL CARS TERMINATED IN CALIFORNIA

2013.....	1,532,695
2014.....	1,680,999
2015.....	1,594,670
2016.....	1,483,527
2017.....	1,511,087

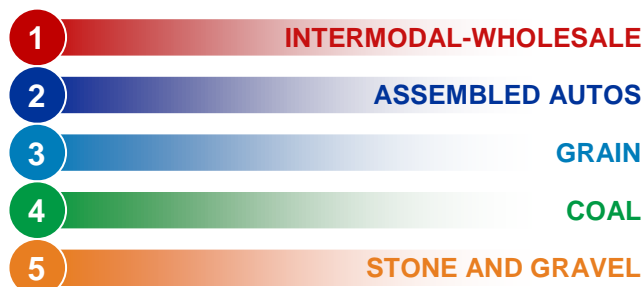
## TOP FIVE COMMODITIES SHIPPED

2017 BY VOLUME



## TOP FIVE COMMODITIES RECEIVED

2017 BY VOLUME



## UNION PACIFIC IN CALIFORNIA

Union Pacific's California operations originate from two central hubs, the Roseville Service Unit in Northern California and the Los Angeles Service Unit in Southern California. The service units are the heart of all freight operations and the vital link connecting north-south transportation service and east-west corridors connecting customers in California to international commerce.

The "I-5/Hwy 99 Corridor" through California offers the most efficient route linking the Pacific Coast states and is essential in serving the rich agricultural central valley and the Ports of Los Angeles, Long Beach and Oakland.

Union Pacific freight operations in California handle an array of important commodities including import-export automobiles, premium intermodal cargo at the Intermodal Container Transfer Facility (ICTF) near the Los Angeles-Long Beach harbors, as well as chemicals, manufactured goods, fruits, vegetables and canned goods throughout the Golden State.

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Daily Amtrak services as well as extensive commuter trains operate on Union Pacific track throughout the state, providing a safe, efficient alternate mode of transportation that reduces emissions on congested California highways. A single Union Pacific train can carry as much freight as 300 trucks and move one ton of freight 465 miles on a single gallon of diesel, generating a carbon footprint that is 75 percent less than trucks.

In the last five years, 2013-2017, Union Pacific invested more than \$985 million strengthening California's transportation infrastructure.

## TECHNOLOGY, SERVICES AND PARTNERSHIPS ENHANCING CALIFORNIA'S ECONOMY

Positive Train Control (PTC) has been installed and operational in California since 2017. This technology will automatically stop a train before certain accidents caused by human error occur. The PTC system is designed to further enhance safety in California communities and across Union Pacific's entire rail network.

Union Pacific's refrigerated and cold storage operations, Cold Connect, play a key role in Union Pacific's Food Network transporting fruits, vegetables and other temperature-sensitive cargo from Delano, California, to customers across the U.S. Cold Connect offers the end-to-end cold chain integrity necessary and compatible for shipping mixed commodities, varied quantities and the storage options necessary to ensure fresh produce transportation nationwide.

Union Pacific has been using drone technology for rail structure inspections since 2014, placing cameras where personnel used to climb bridges and radio towers across our network. Increasing drone usage may play a part in accomplishing Union Pacific's ultimate goal: zero accidents and zero injuries.

Supporting the communities we serve is a priority at Union Pacific. Recently, Union Pacific partnered with Plug and Play, the world's largest startup accelerator and innovation center, located in Silicon Valley.

## ENVIRONMENTAL INITIATIVES

Union Pacific's vision of building America involves protecting and strengthening the environment. Several

initiatives and innovative technologies are helping achieve our environmental goals in California.

New locomotives that meet the EPA's stringent Tier 4 emissions standards have been added to UP's fleet over the last few years, reducing particulate emissions by as much as 90 percent during operations. The new locomotives, combined with new aerodynamic technologies like Arrowedge, dramatically impact fuel efficiency. Additionally, new low-power switching units for rail yard operations will come online in 2018.

## AMERICA'S PREMIER RAILROAD

Union Pacific Railroad is the principal operating company of Union Pacific Corporation (NYSE: UNP). One of America's most recognized companies, Union Pacific Railroad 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 is classified into its 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

24-Hour Emergency Hotline – Response Management:  
(888) 877-7267

To report rough crossings or crossings obscured by vegetation (non-emergency only):  
(916) 789-6114

Corporate Headquarters:  
(402) 544-5000 or (888) 870-8777

Francisco Castillo, Public Affairs - Northern California, Port of Oakland: [fcastillo@up.com](mailto:fcastillo@up.com), (916) 789-5957

Lupe Valdez, Public Affairs – Southern California, Ports of Long Beach and Los Angeles:  
[lcvaldez@up.com](mailto:lcvaldez@up.com), (562) 566-4612

Justin Jacobs, Media Relations:  
[jejacobs@up.com](mailto:jejacobs@up.com), (916) 789-6019