



# ***BNSF RAILWAY NETWORK UPDATE***

*December 2016*

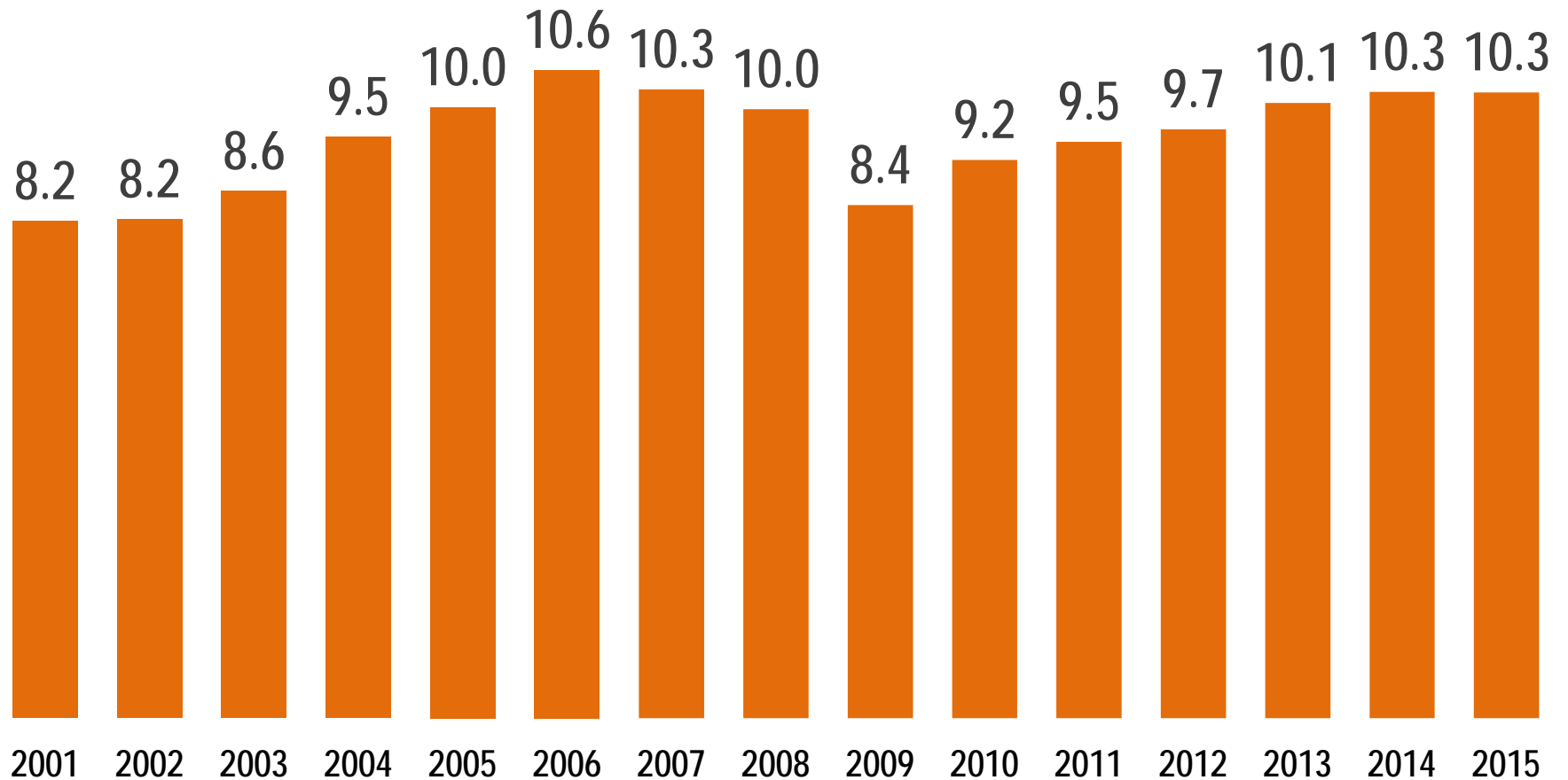




# Freight Volumes

# BNSF Annual Volumes

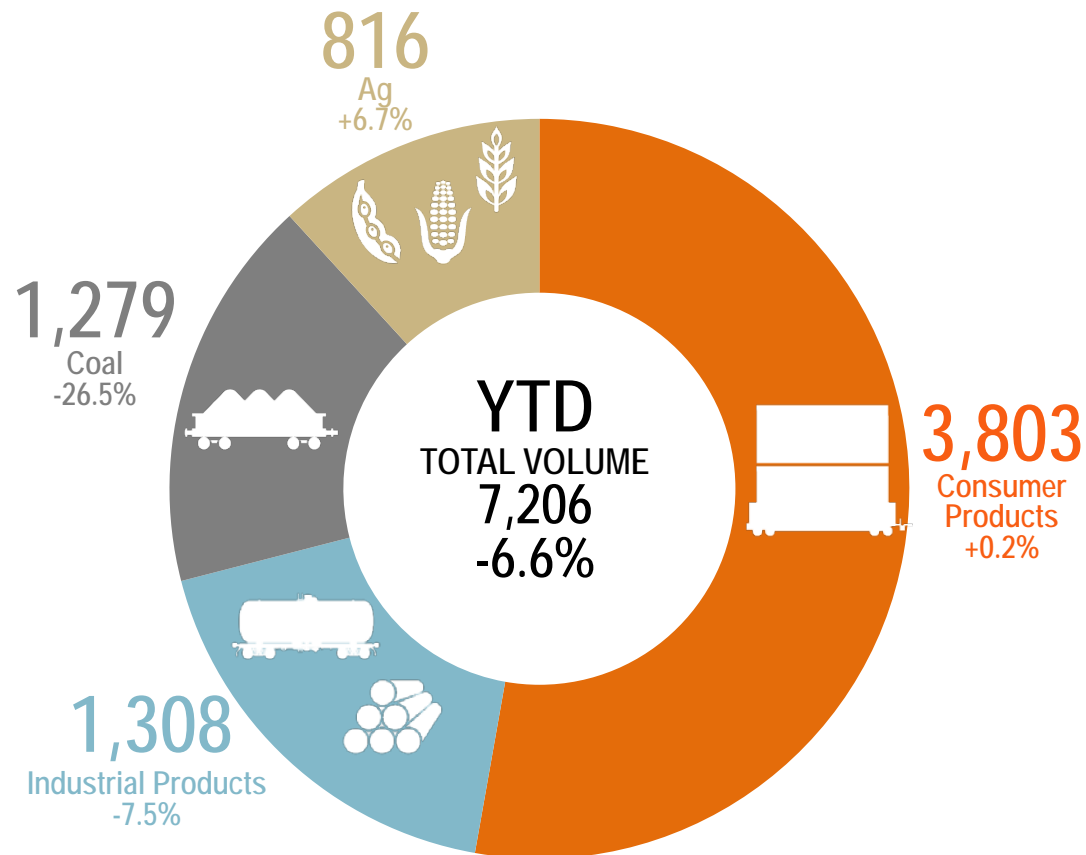
*In Millions*



# BNSF Volume – YTD 2016 through Q3

Total units and % change from 2015

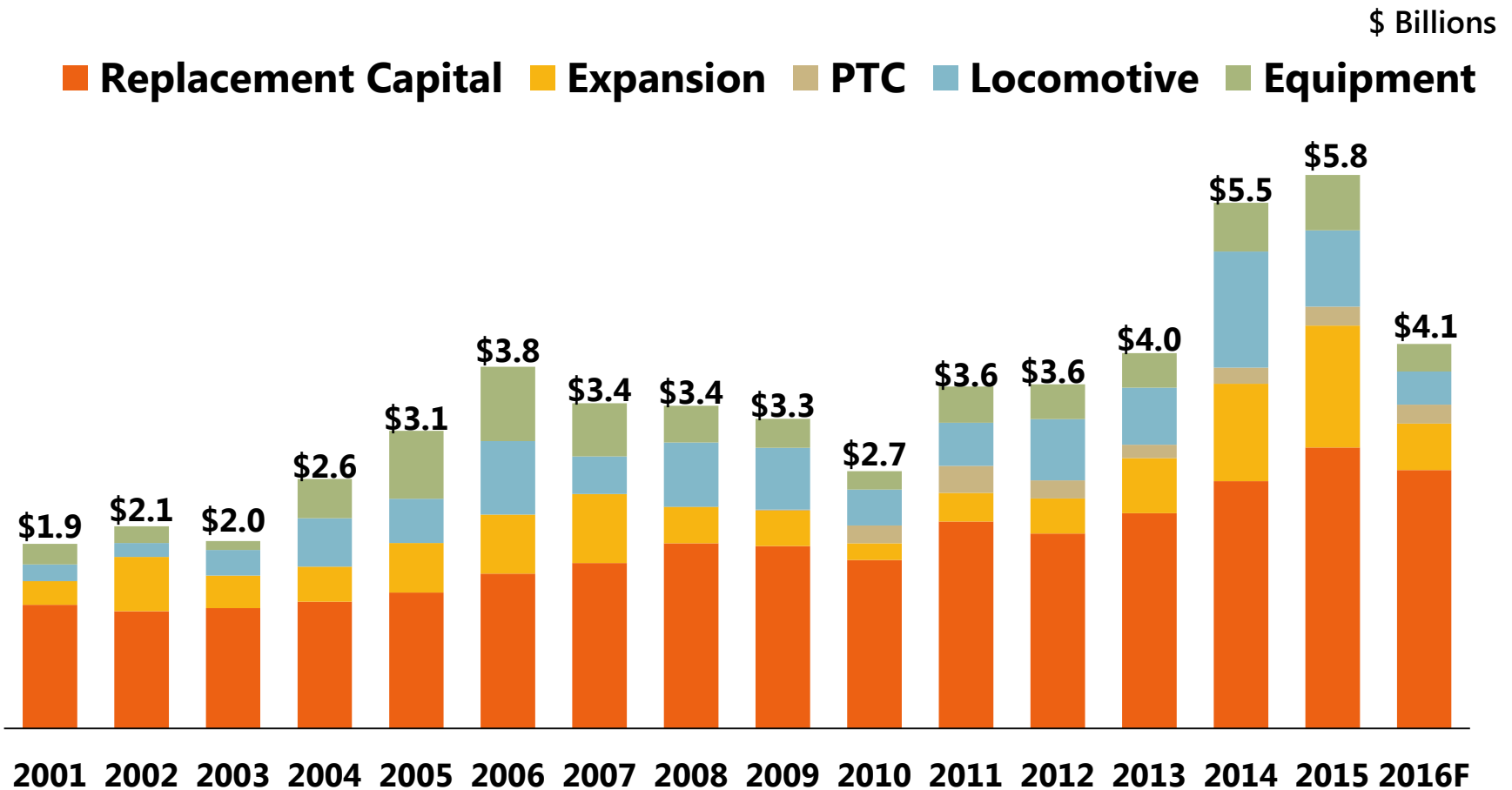
In Thousands





# Capital Investments

# BNSF's Capital Investments





# Response to Growth Through Added Capacity



Added capacity  
2014-15 **\$11B**

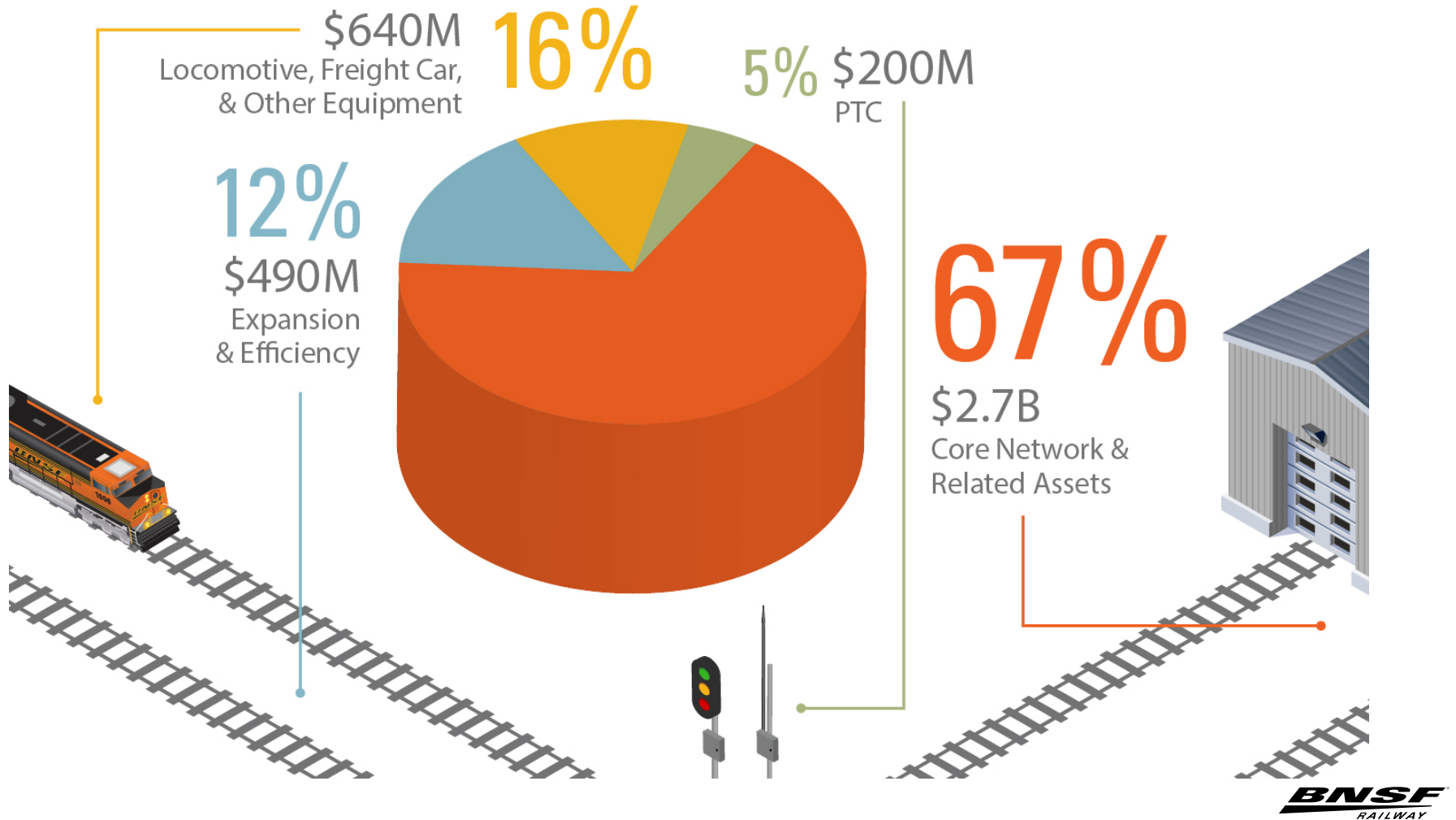
~**190** Miles of Double Track

~**1,000** Miles of CTC

**16** New Sidings

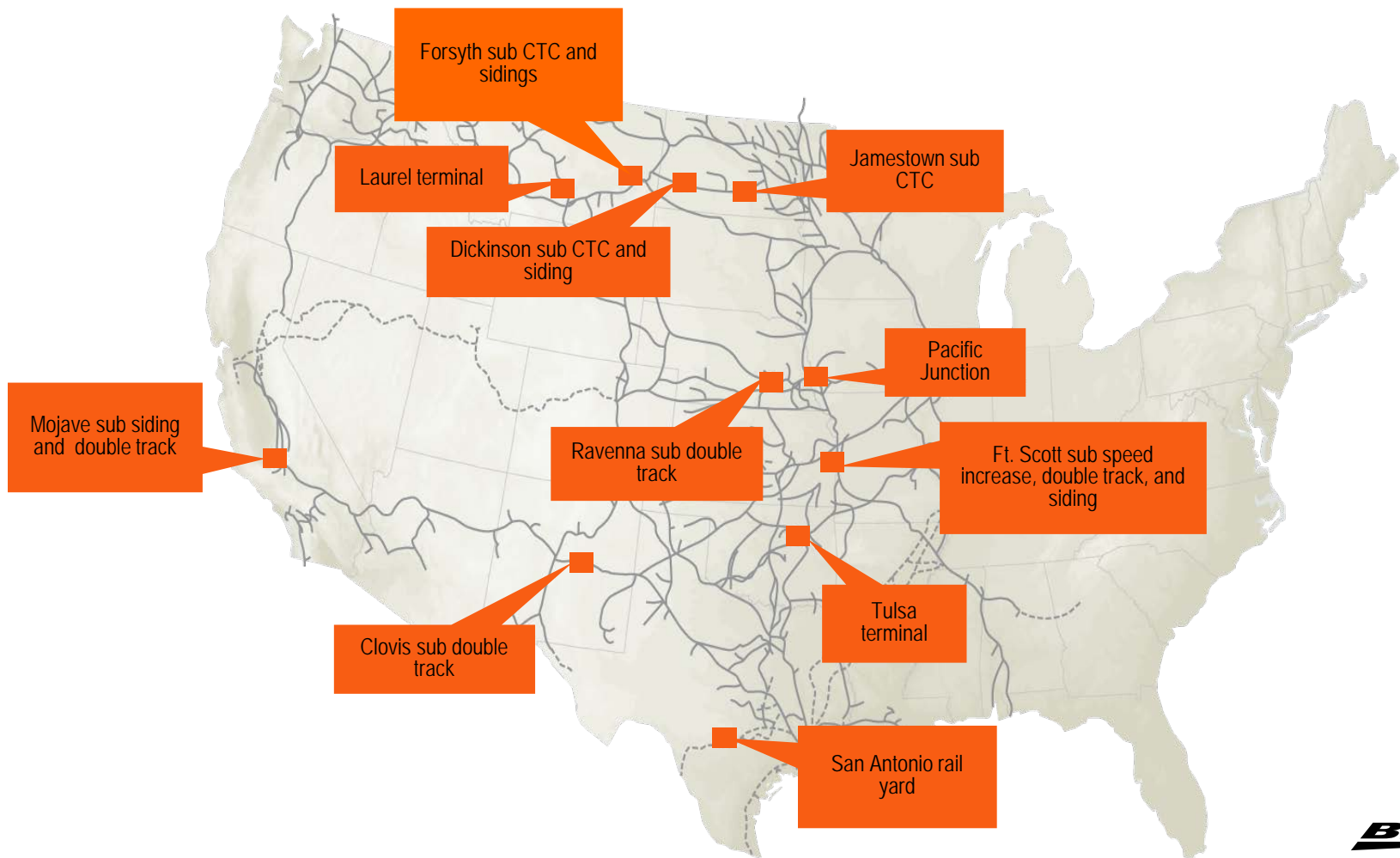
**24** Extended Sidings

# 2016 Capital Investments \$4.1B





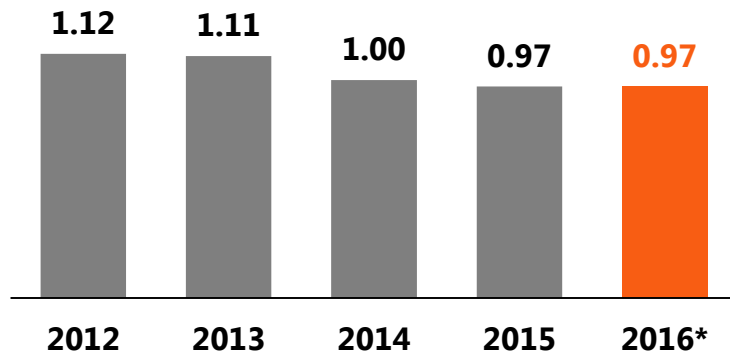
# 2016 Capital Line Expansion Plan



# Driving Safety Improvements

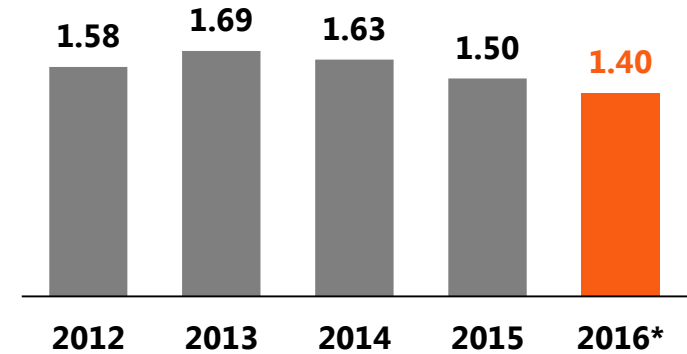
## EMPLOYEE

REPORTABLE PERSONAL INJURY INCIDENTS PER  
200,000 EMPLOYEE HOURS



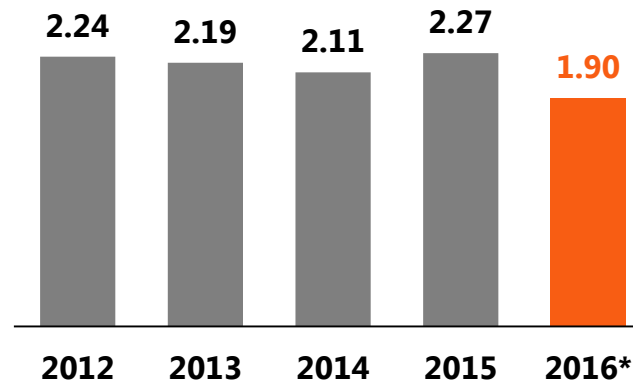
## PUBLIC

CROSSING ACCIDENTS  
PER MILLION TRAIN MILES



## RAIL EQUIPMENT

REPORTABLE TRAIN ACCIDENTS  
PER MILLION TRAIN MILES



\* = Through September

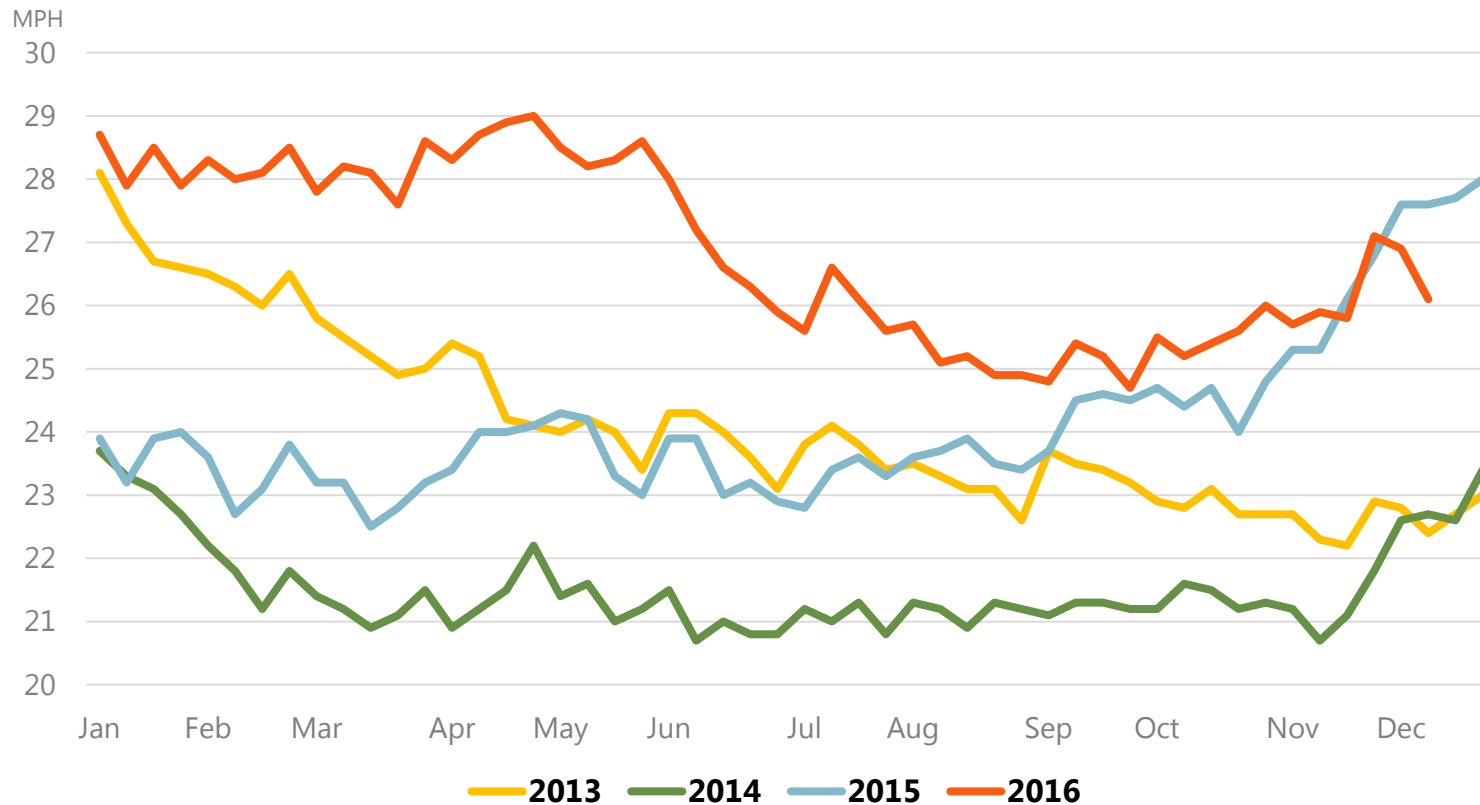
Source: Federal Railroad Administration (FRA)



# Operational Performance

# Improved Performance Across our Network

BNSF AVERAGE TRAIN VELOCITY (ALL TRAINS)



**+ 12%**

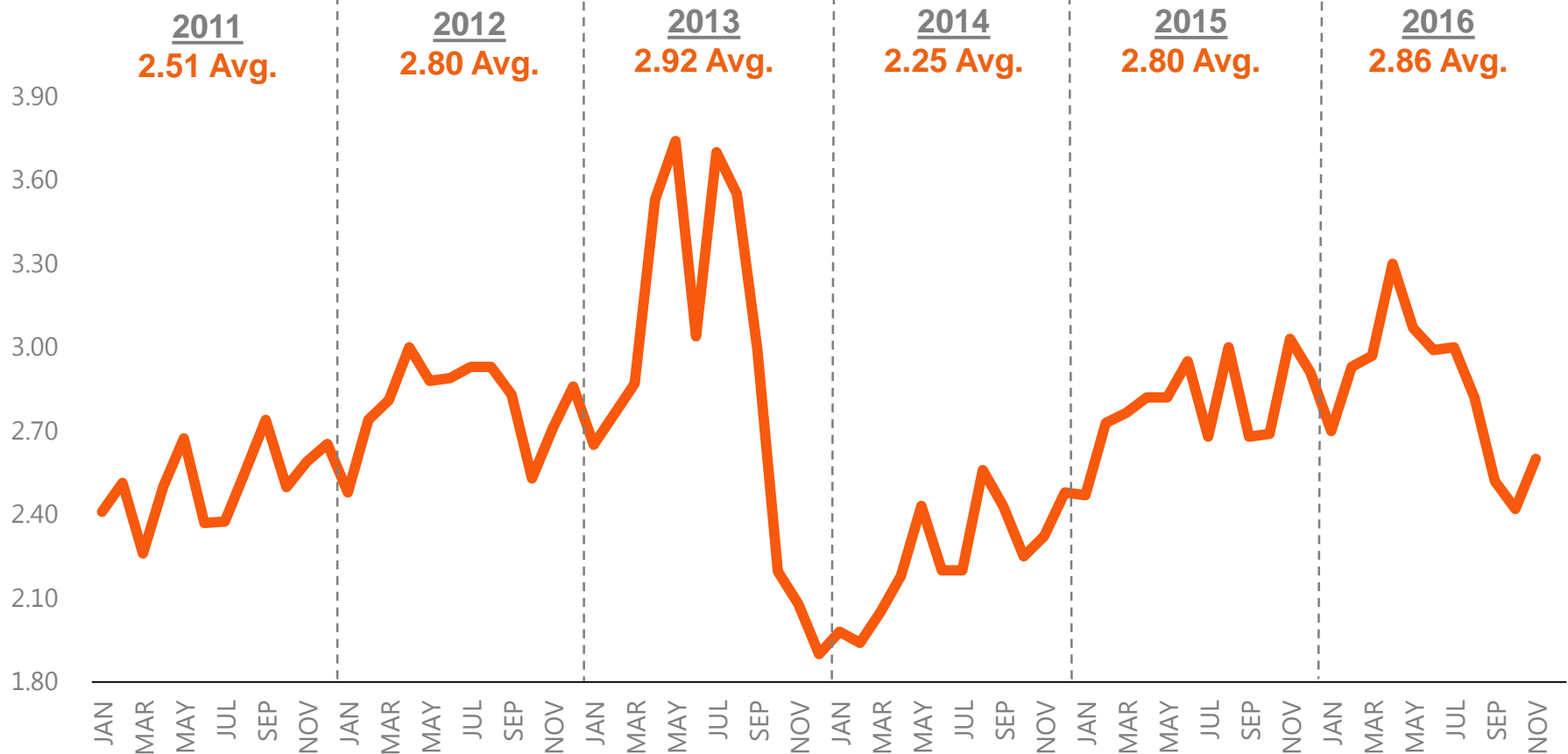
**2016 vs. 2015**  
Avg. Year to Date



Source: Association of American Railroads (AAR) through December 9, 2016

# Ag Shuttle Fleet Productivity

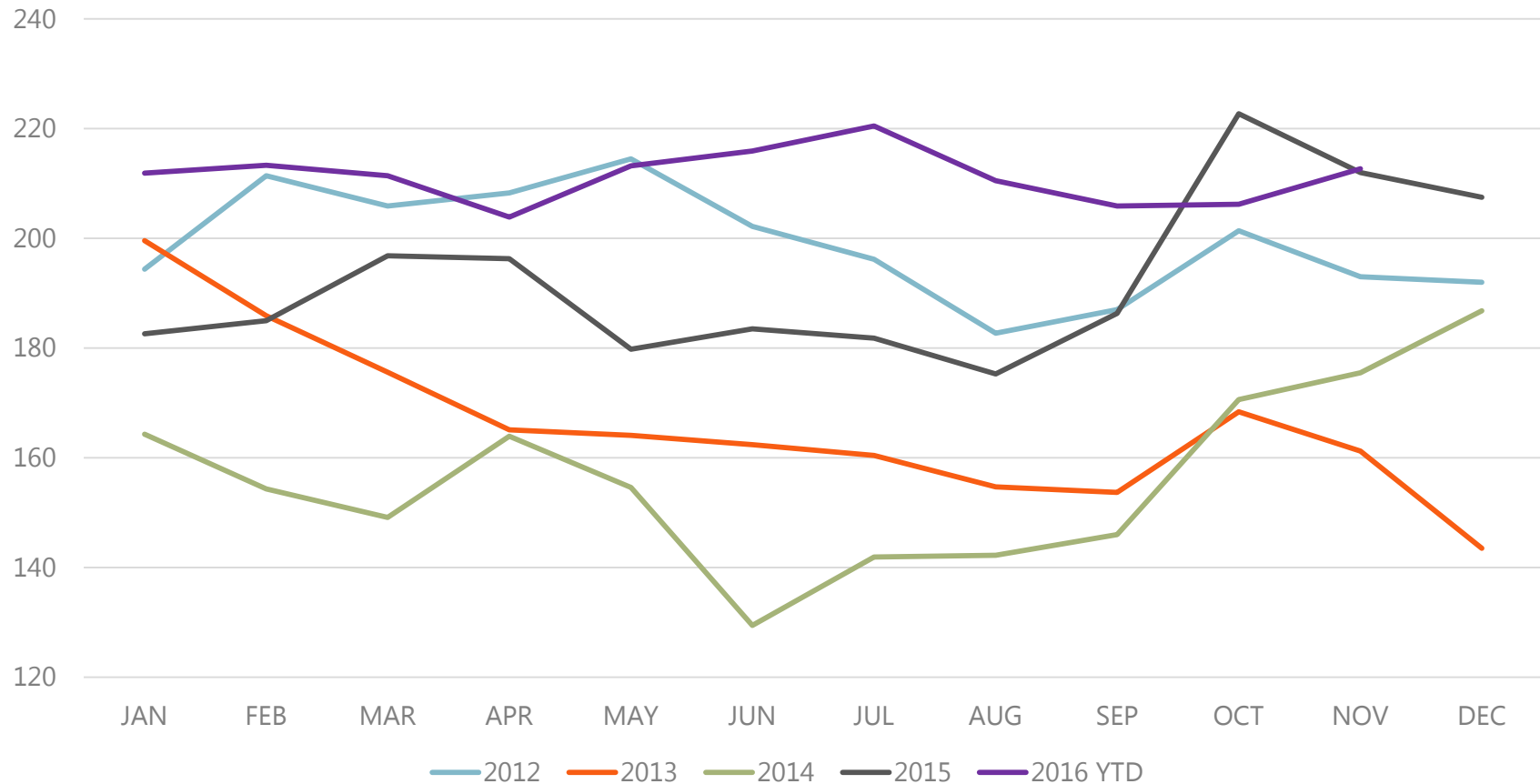
PACIFIC NORTHWEST AVERAGE SHUTTLE TURNS PER MONTH (TPM)



Source: BNSF internal data through November 30, 2016

# Ag Velocity

AG FLEET AVERAGE MILES PER DAY FOR YTD 2016 IS 211.4

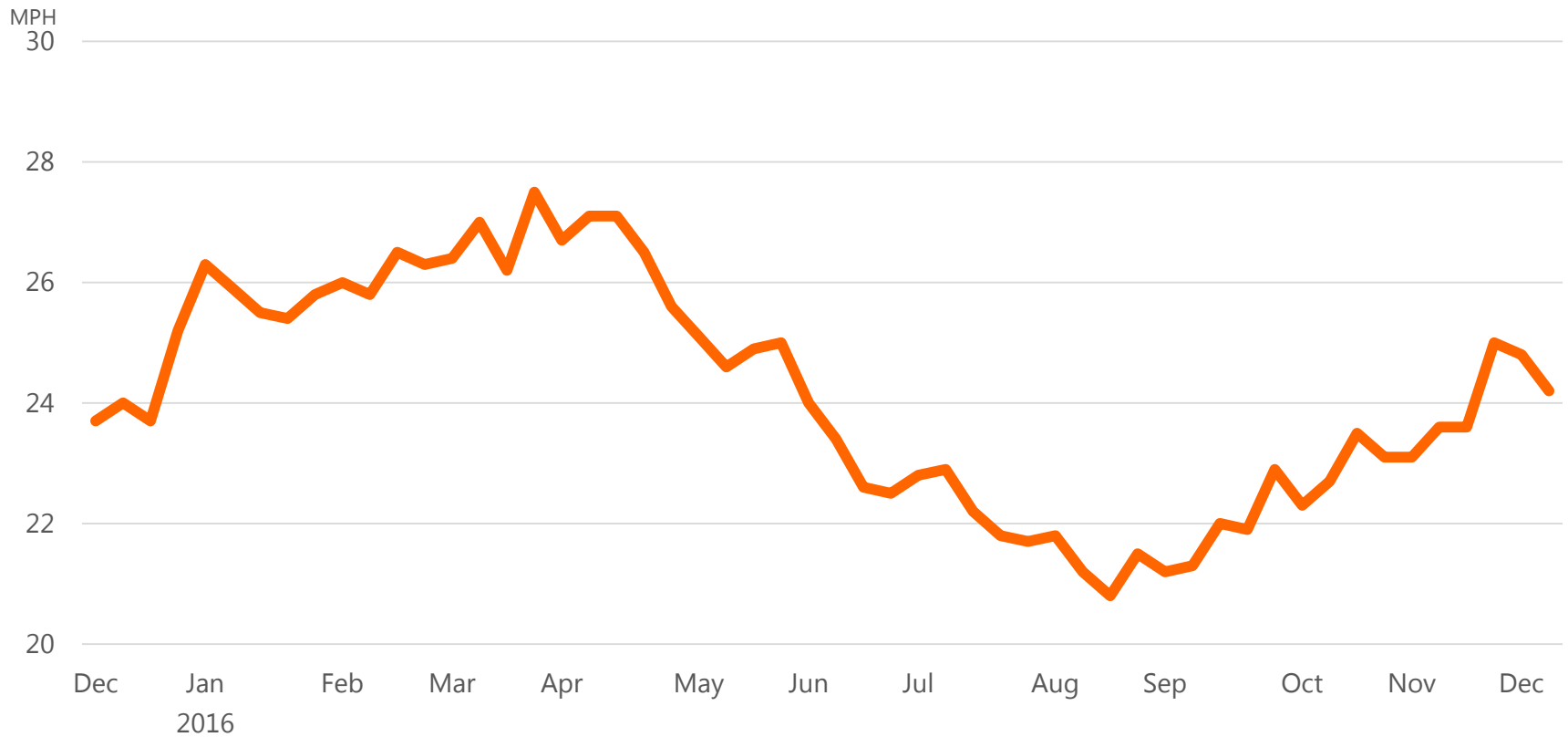


Source: BNSF internal data through November 30, 2016



# Coal Velocity

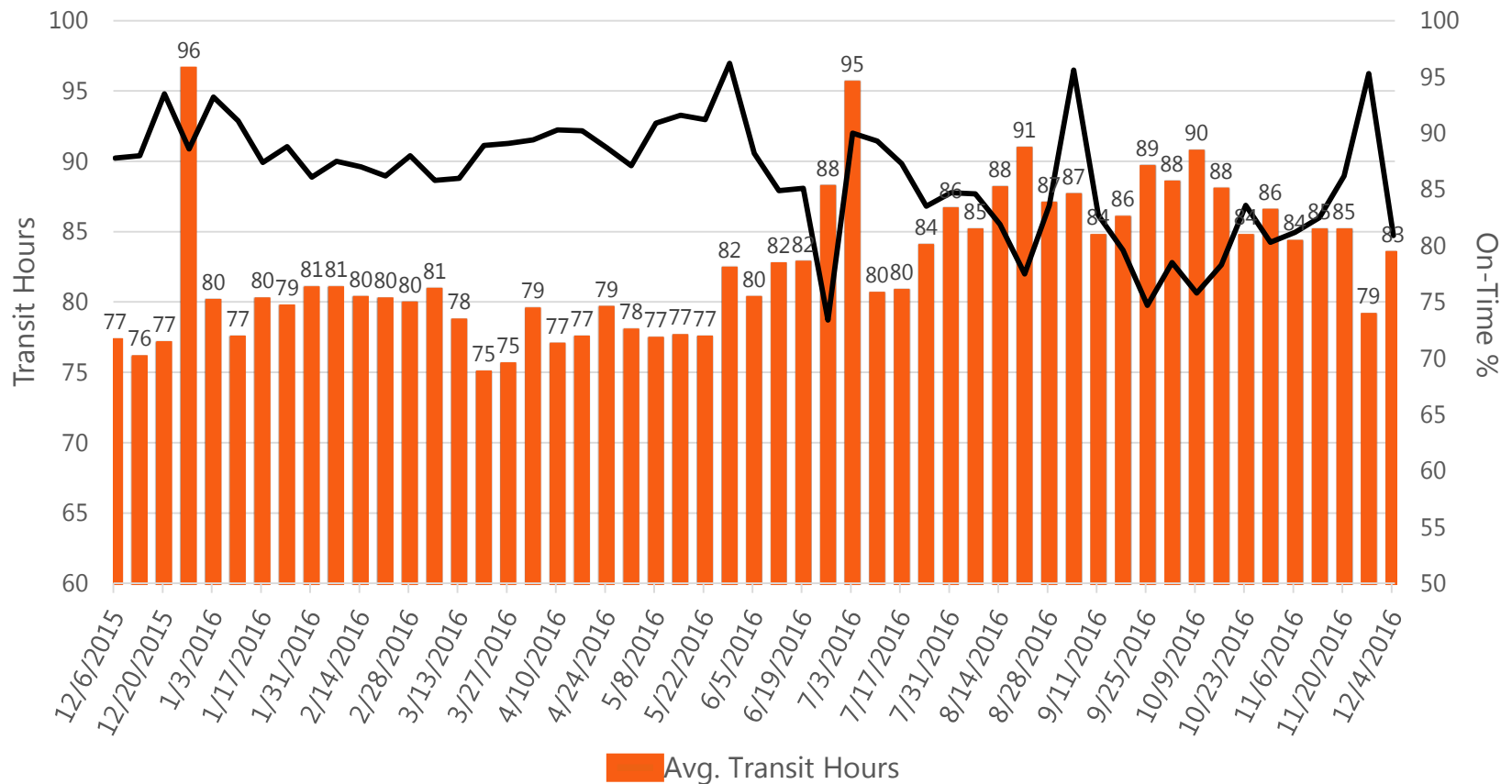
BNSF COAL AVERAGE TRAIN SPEED



Source: AAR data through December 9, 2016

# Intermodal Performance

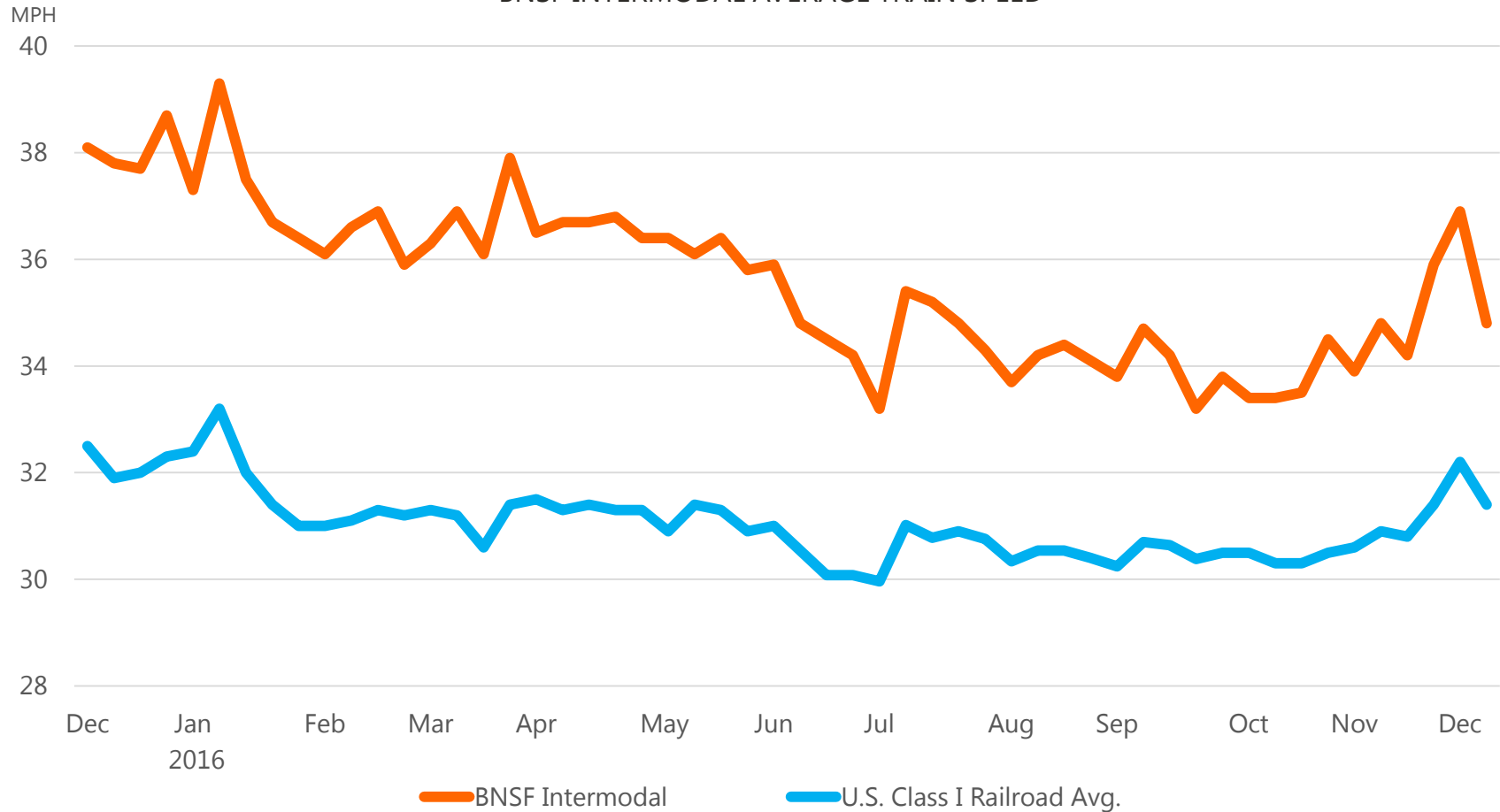
BNSF INTERMODAL WEEKLY AVG. TRANSIT HOURS VS. ON-TIME PERFORMANCE



Source: ROG Interactive; OTP includes grace, Loads only

# Intermodal Velocity

BNSF INTERMODAL AVERAGE TRAIN SPEED



Source: AAR data through December 9, 2016



# Terminal Dwell

BNSF WEEKLY AVERAGE TERMINAL DWELL (ALL TYPES)

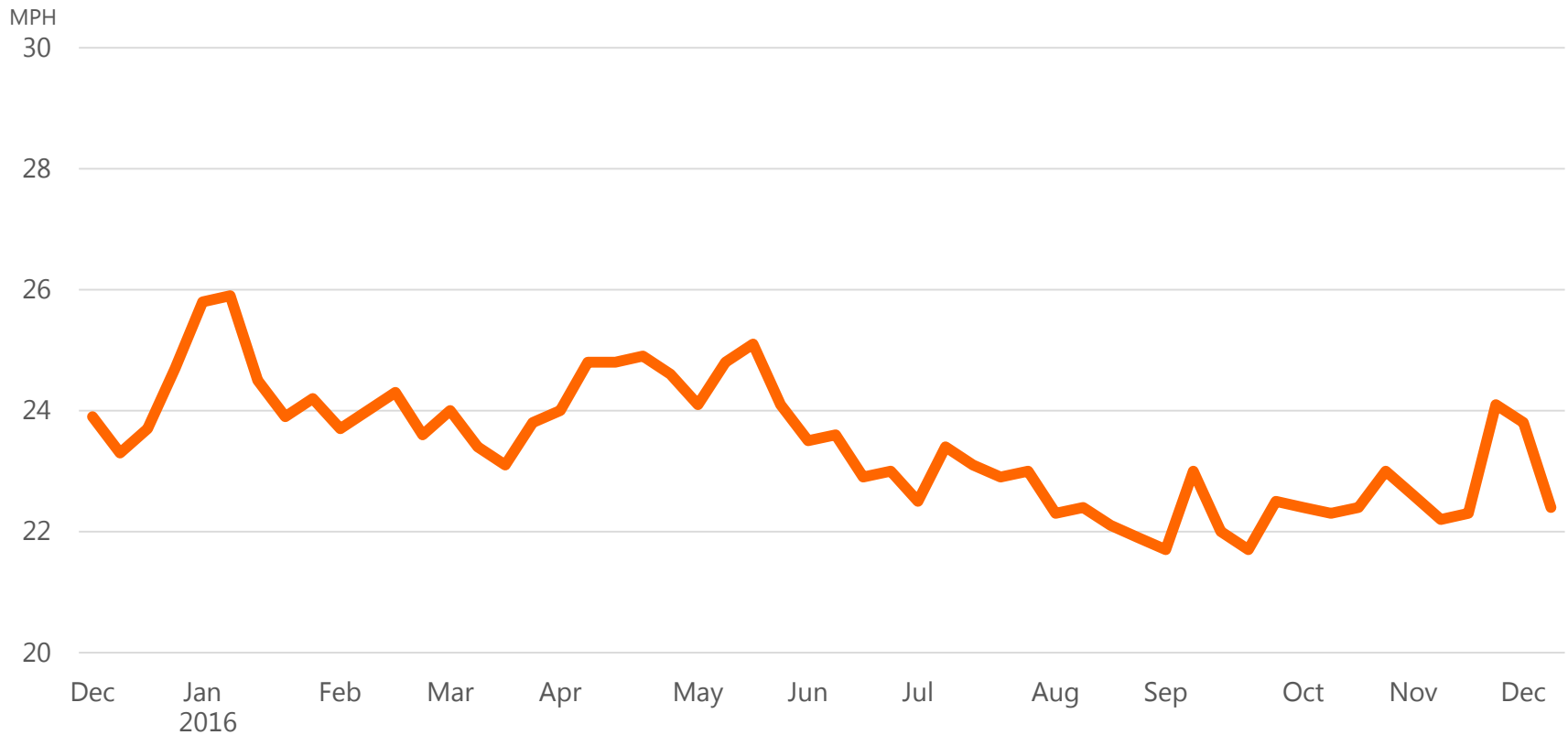


Source: AAR data through December 9, 2016



# Industrial Products Velocity

BNSF MANIFEST AVERAGE TRAIN SPEED



Source: AAR data through December 9, 2016



Your business is important to BNSF.

We remain focused on meeting the demands of our customers while ensuring we continue to operate as safely and efficiently as possible.



The image features the BNSF Railway logo centered over a background of a train. The train is a freight locomotive pulling several railcars, all rendered in a monochromatic orange color. The logo consists of the letters "BNSF" in a bold, italicized, sans-serif font, followed by a registered trademark symbol (®). Below "BNSF" is a thick white horizontal bar that tapers to a point on the right side. Underneath this bar, the word "RAILWAY" is written in a smaller, italicized, sans-serif font.

***BNSF***®  
***RAILWAY***