



# **November 2015 Monthly Update**

## **North Dakota Pipeline Authority**

### **Justin J. Kringstad**

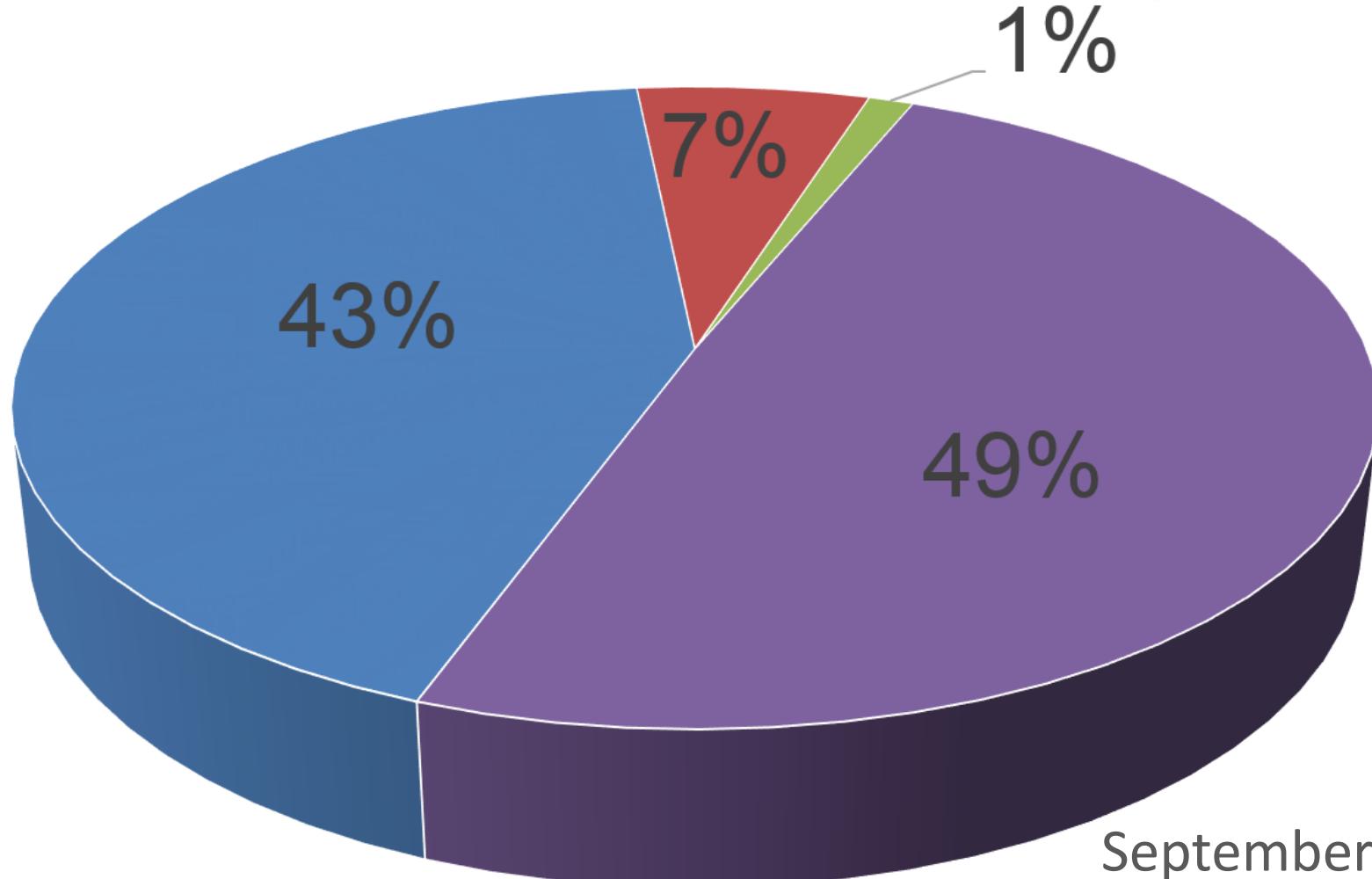
**November 13, 2015 - Bismarck, ND**

# US Williston Basin Oil Production - 2015

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,191,445	77,163	5,108	1,273,716
February	1,178,354	79,915	5,051	1,263,321
March	1,191,427	78,591	4,832	1,274,850
April	1,202,733	76,064	4,860	1,283,657
May	1,202,733	74,873	4,567	1,282,173
June	1,211,654	58,012	4,403	1,274,069
July	1,206,996	55,776	4,477	1,267,248
August	1,187,631		4,454	--
September	1,162,253			--
October				--
November				--
December				--



# Estimated Williston Basin Oil Transportation



September 2015

■ Pipeline Export

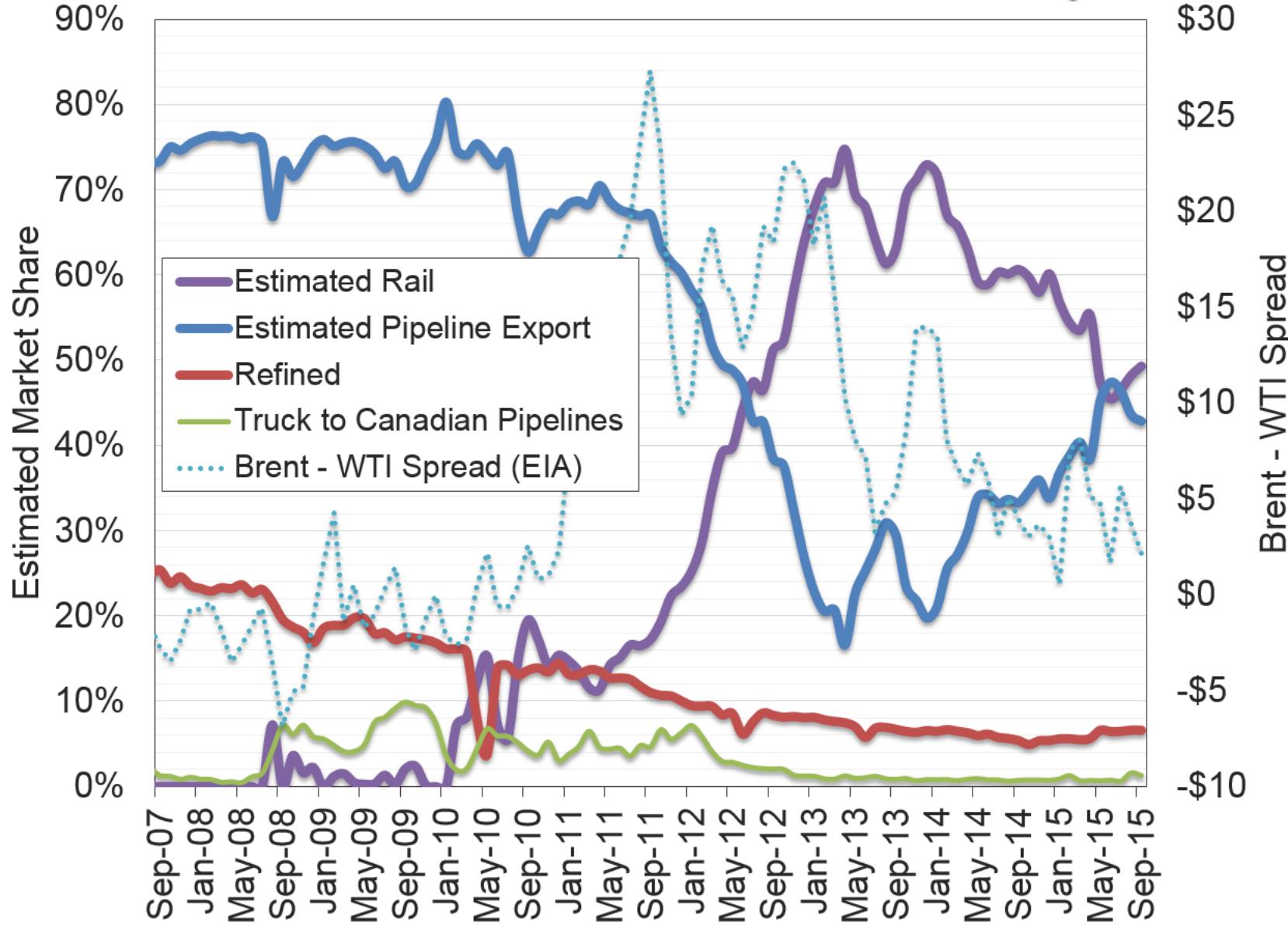
■ Refined

■ Truck to Canadian Pipelines

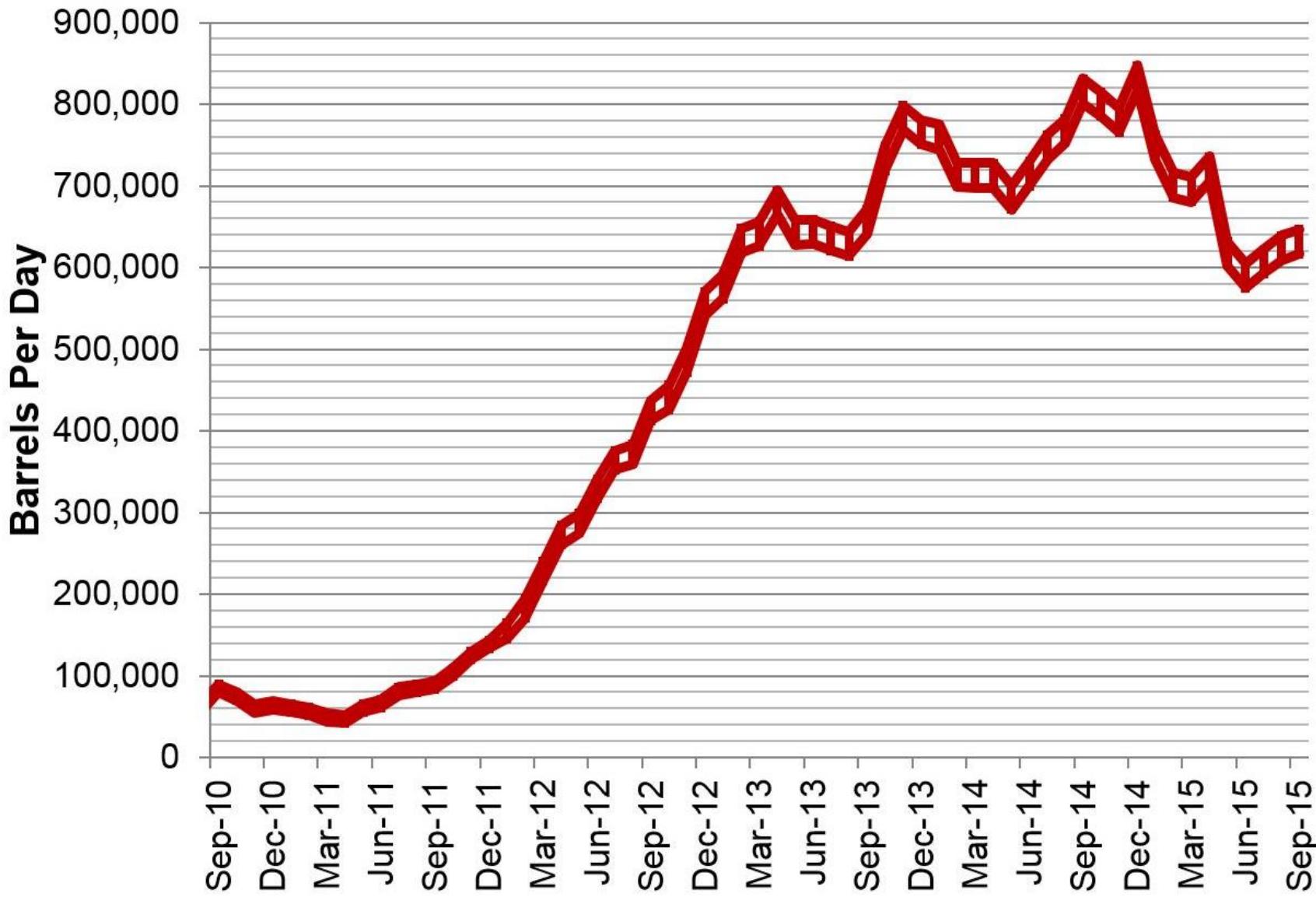
■ Estimated Rail



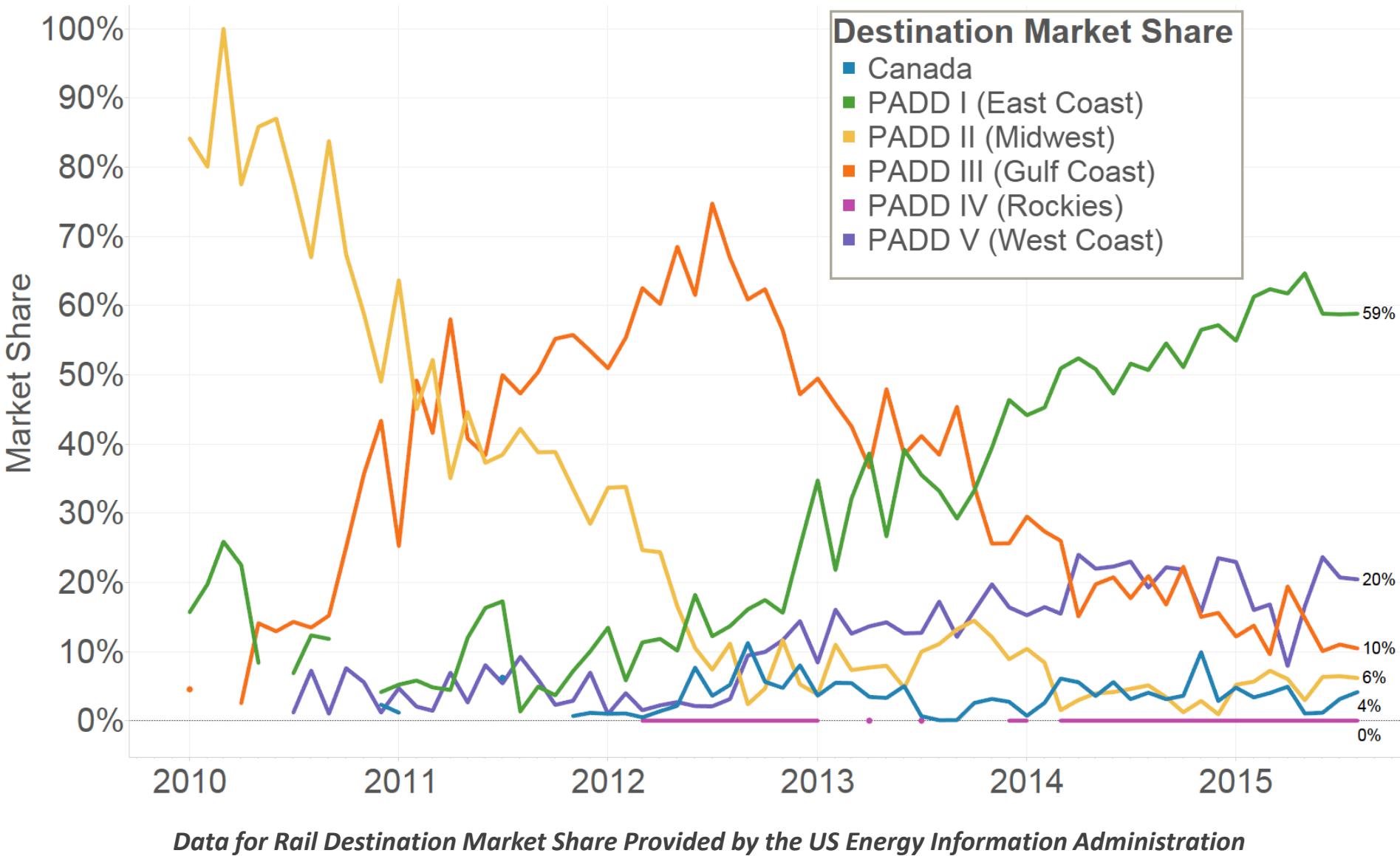
# Estimated Williston Basin Oil Transportation



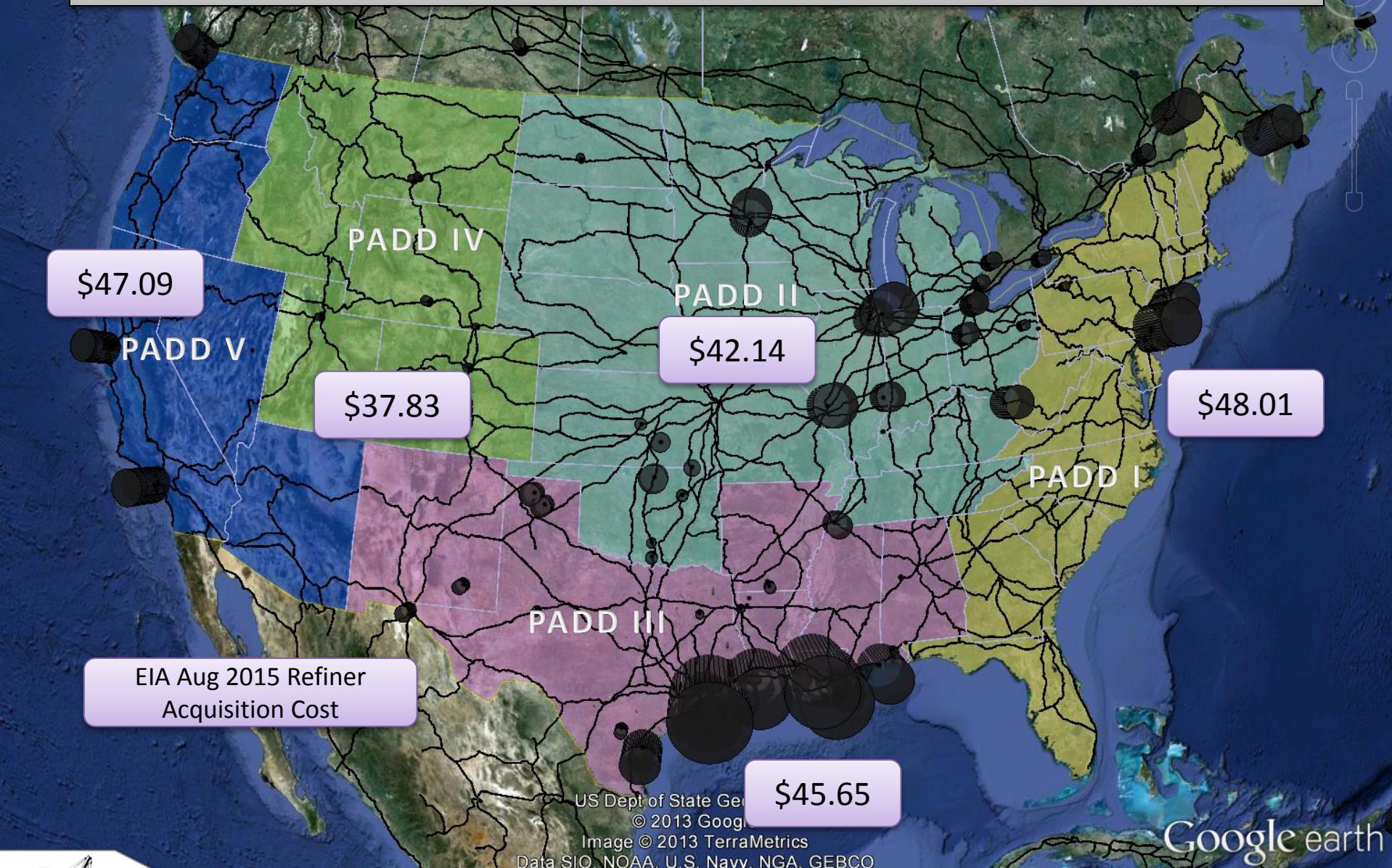
# Estimated ND Rail Export Volumes



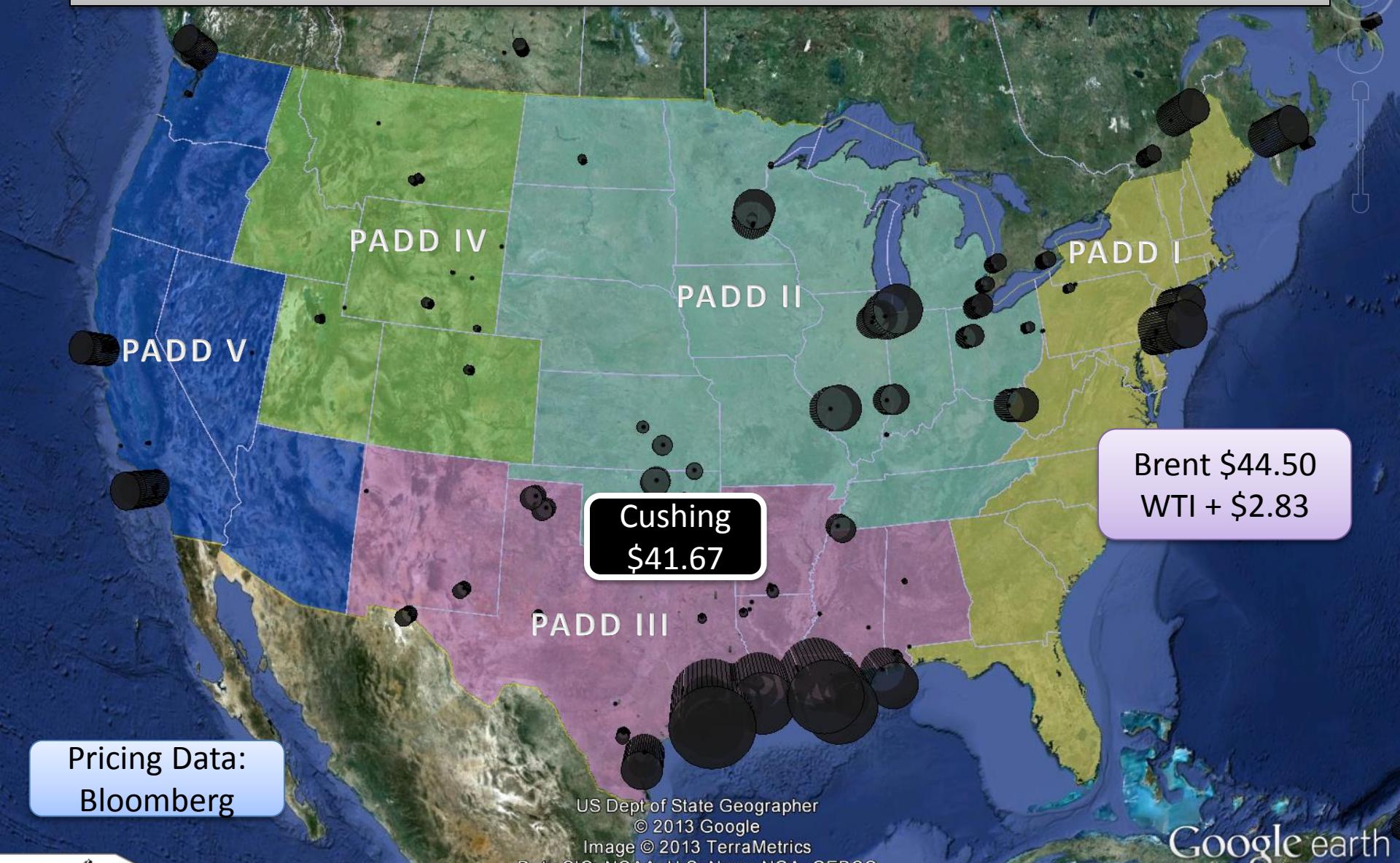
# Rail Destinations Market Share (Aug 2015)



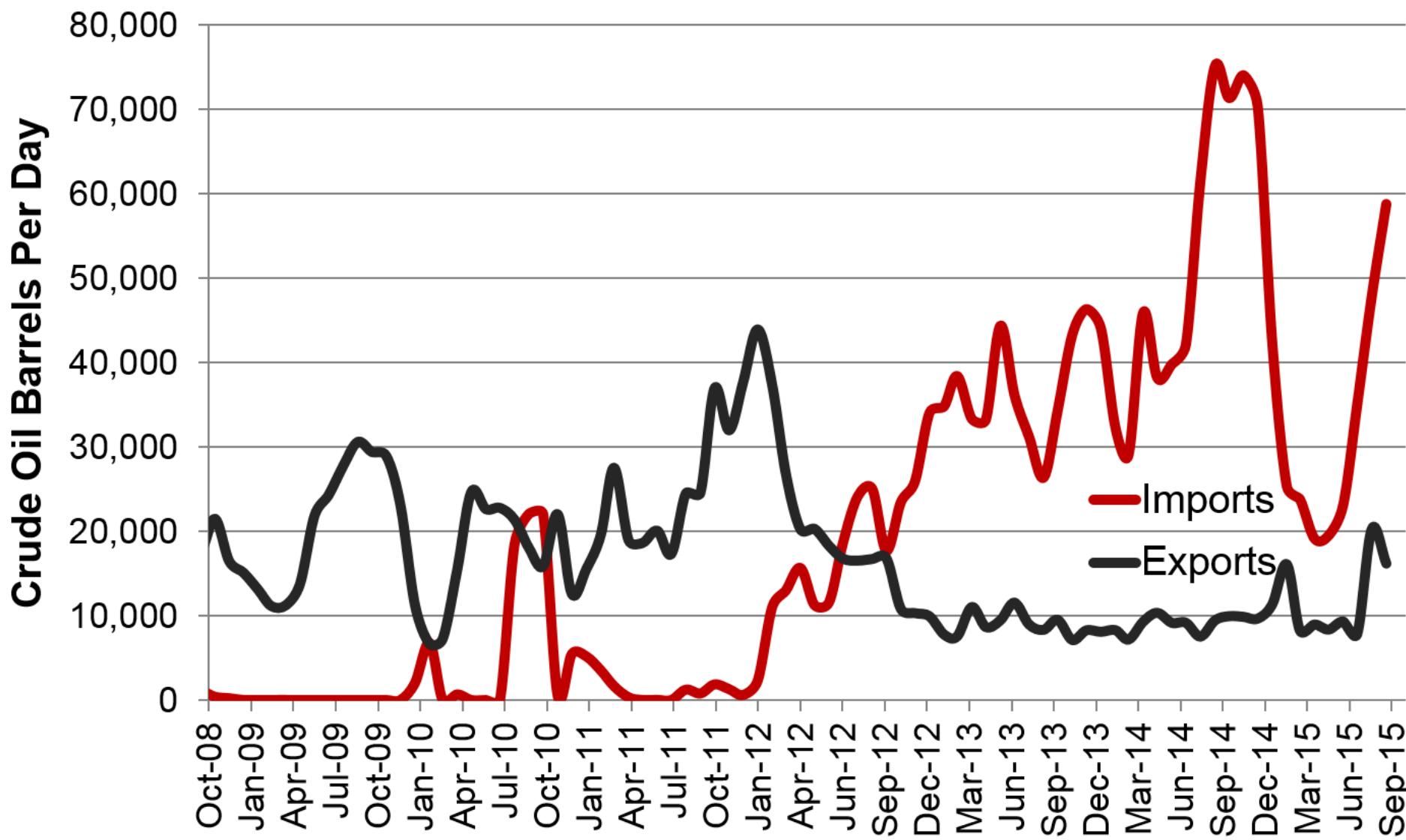
# Major Rail Lines and Refineries



# Crude Oil Prices – Nov. 13, 2015



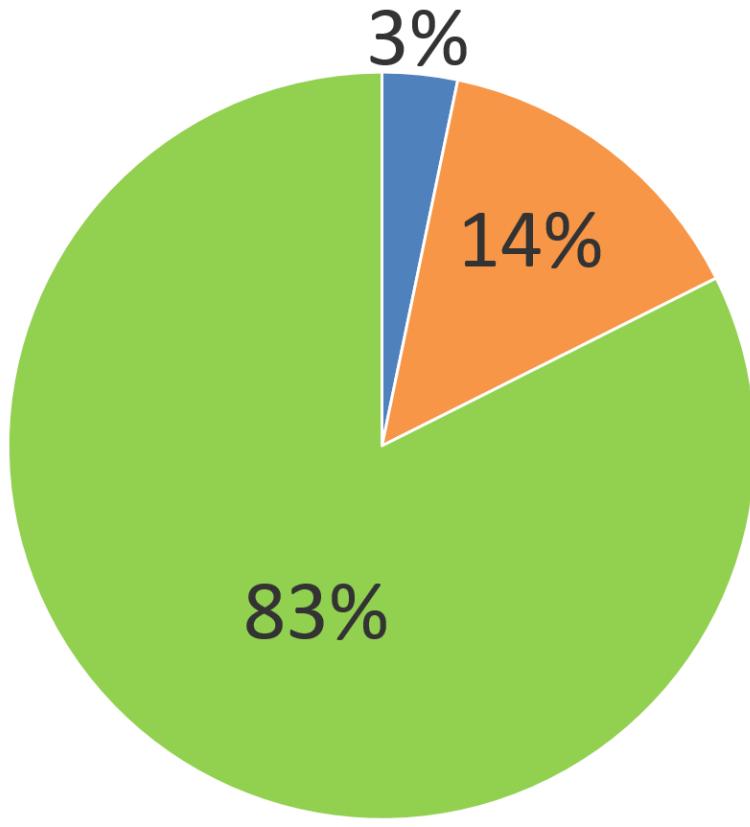
# Williston Basin Truck Imports and Exports with Canada



*Data for truck imports/exports chart is provided by the US International Trade Commission*



# Solving the Flaring Challenge



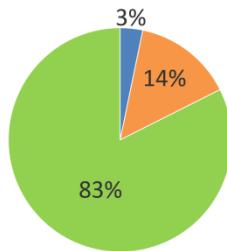
**GREEN** – % of gas captured and sold  
**Blue** – % flared from zero sales wells  
**Orange** – % flared from wells with at least one mcf sold.

## Simple Terms

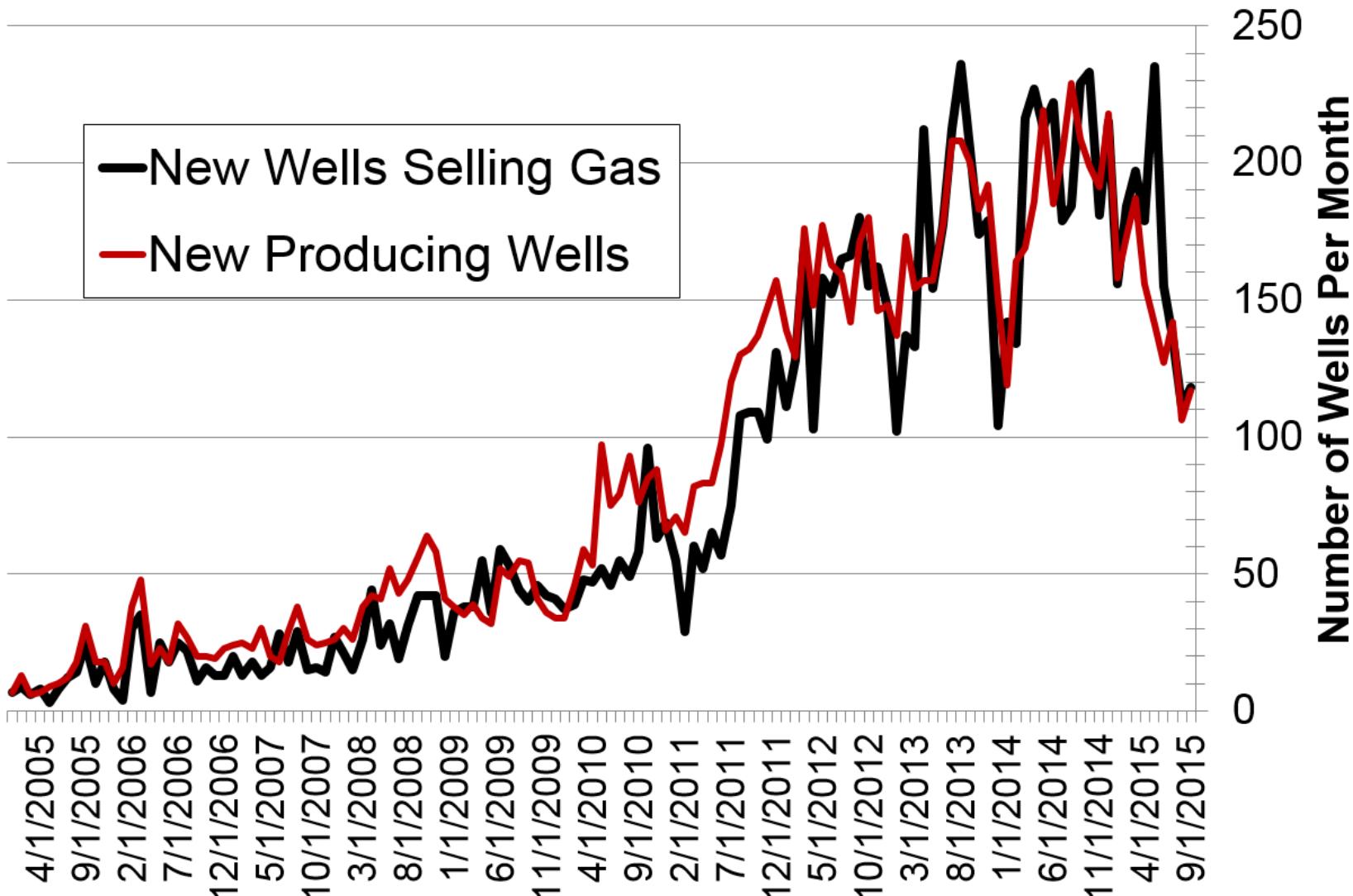
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

September 2015 Data – Non-Confidential Wells

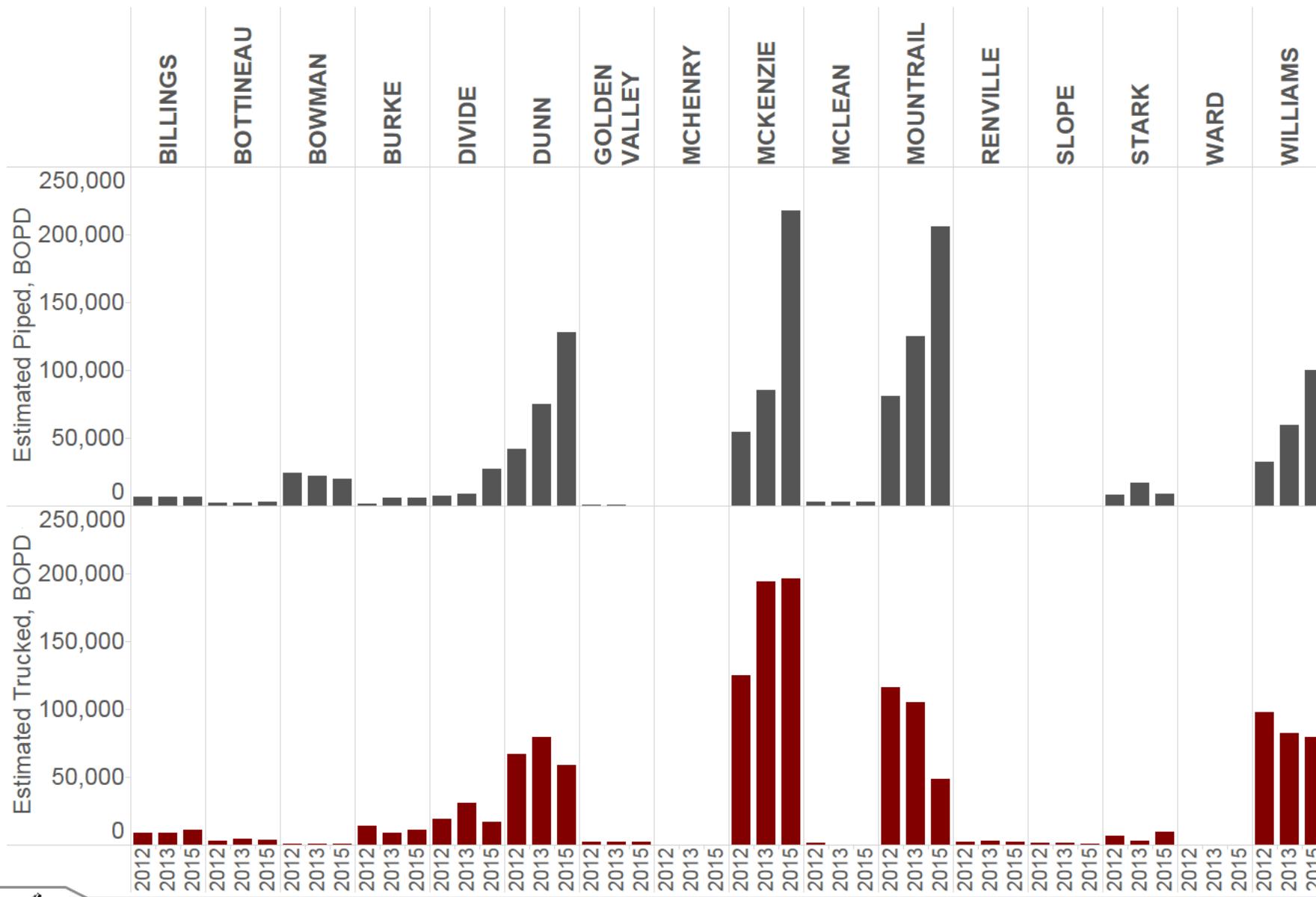




# Capturing the 3% Faster Well Connections

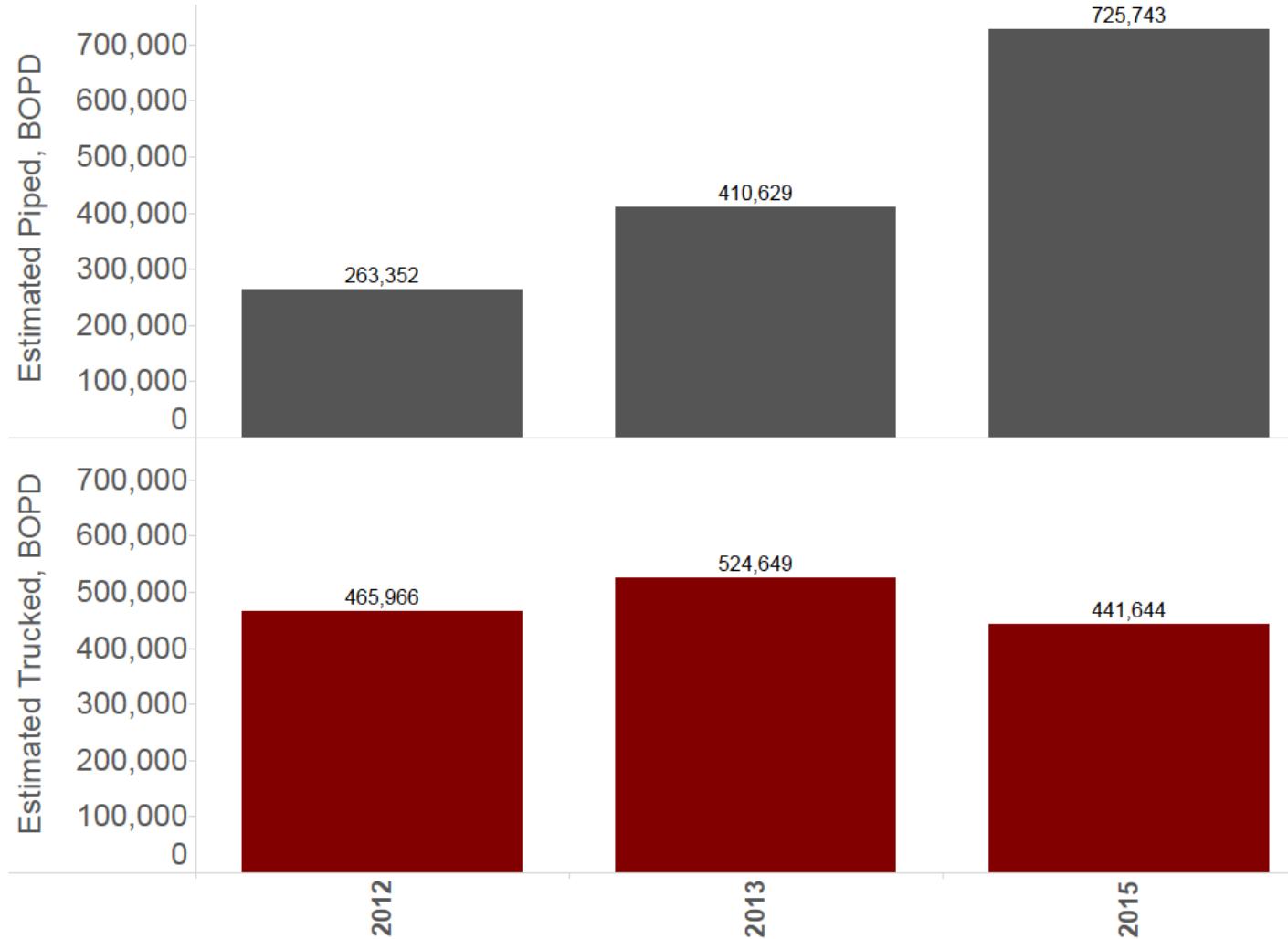


# Evolution of Oil Gathering in ND

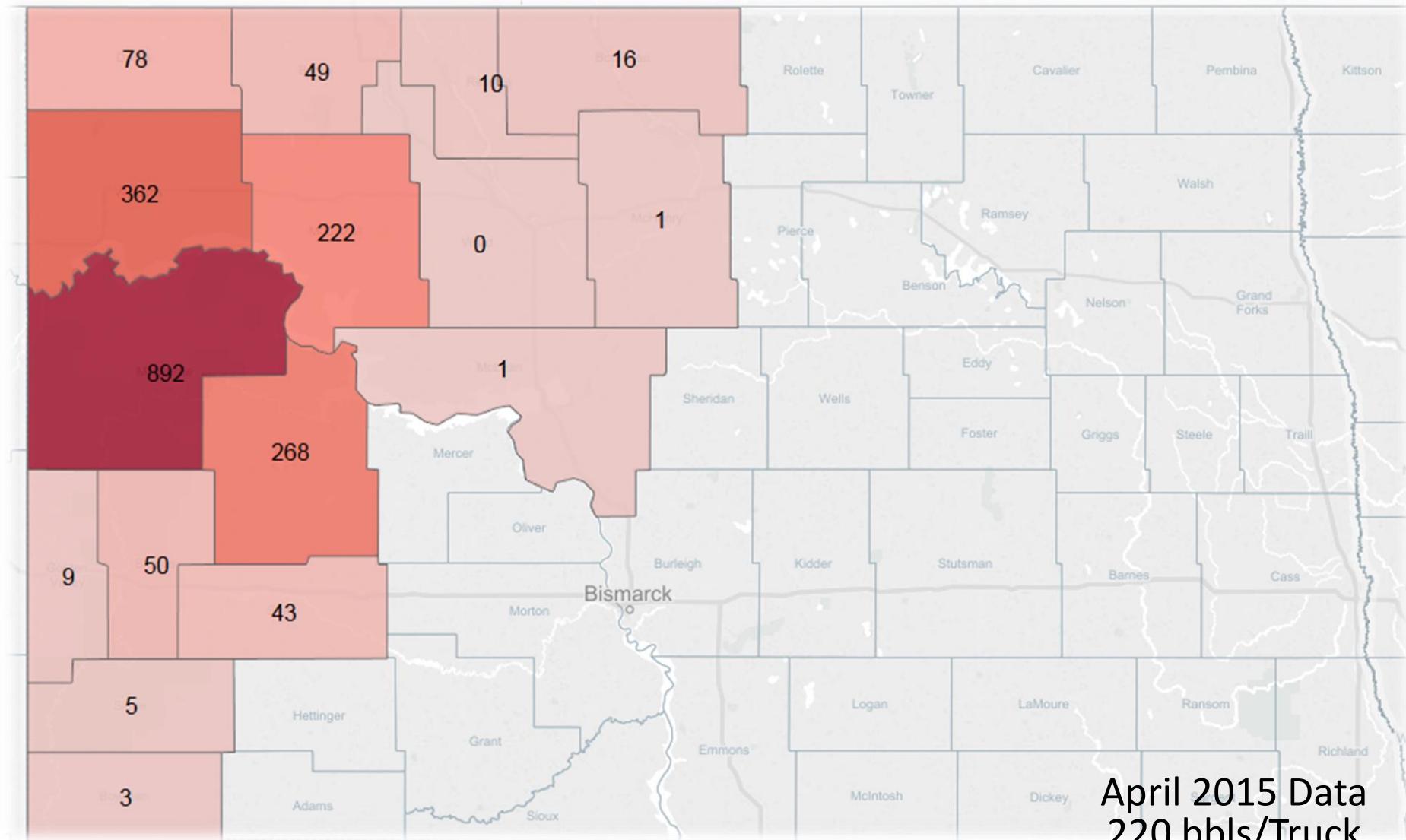


# Evolution of Oil Gathering in ND

## Statewide Totals



# Estimated Loaded Oil Truckloads Per Day



April 2015 Data  
220 bbls/Truck



# Contact Information

Justin J. Kringstad, Director  
North Dakota Pipeline Authority

600 E. Boulevard Ave. Dept. 405  
Bismarck, ND 58505-0840

Phone: (701)220-6227  
Fax: (701)328-2820  
E-mail: [jjkringstad@ndpipelines.com](mailto:jjkringstad@ndpipelines.com)



**Know what's below.  
Call before you dig.**



Websites:

[www.pipeline.nd.gov](http://www.pipeline.nd.gov)

[www.northdakotapipelines.com](http://www.northdakotapipelines.com)

