



# **November 2015 Monthly Update**

**North Dakota Pipeline Authority**

**Justin J. Kringstad**

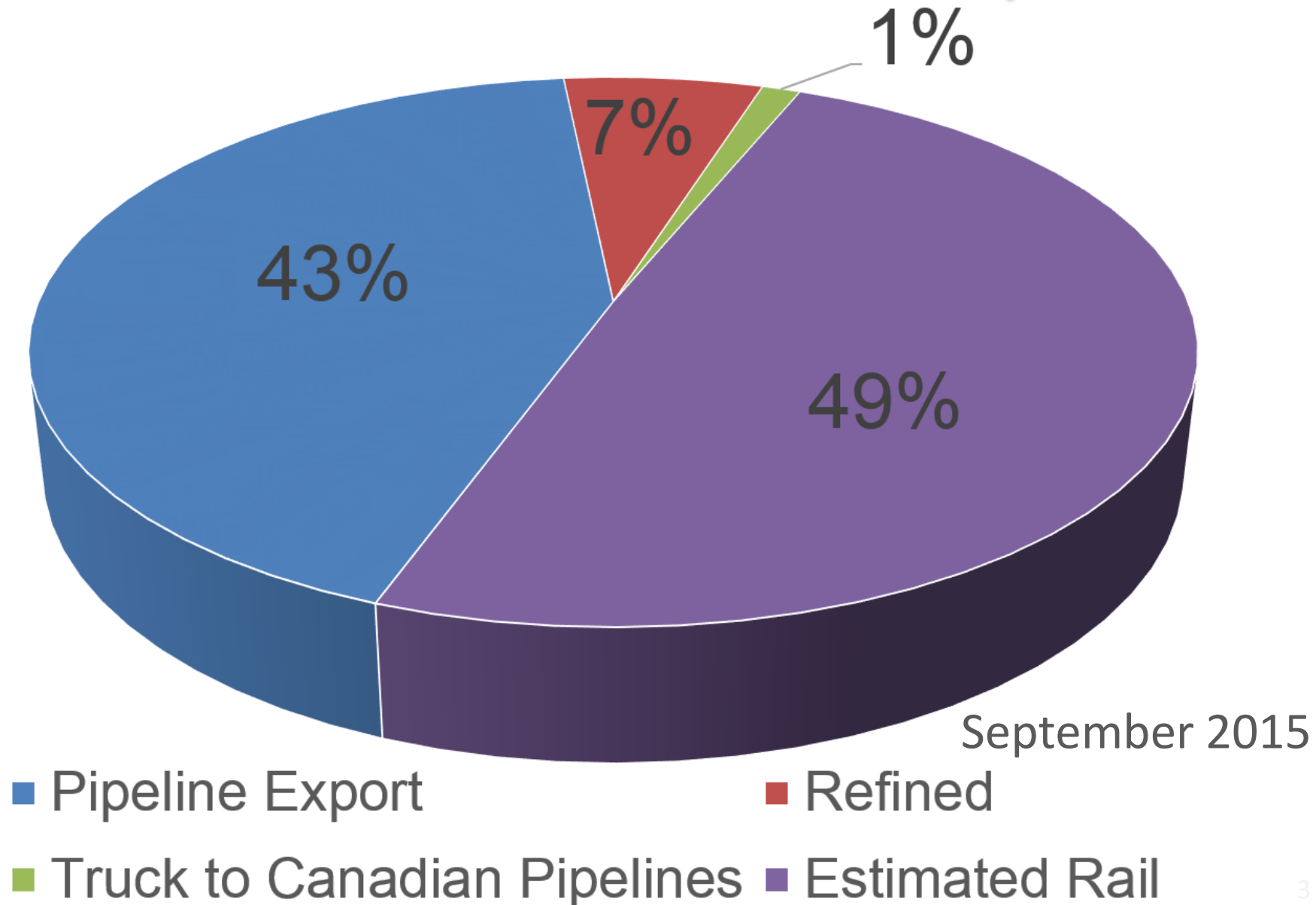
**November 13, 2015 - Bismarck, ND**

# US Williston Basin Oil Production - 2015

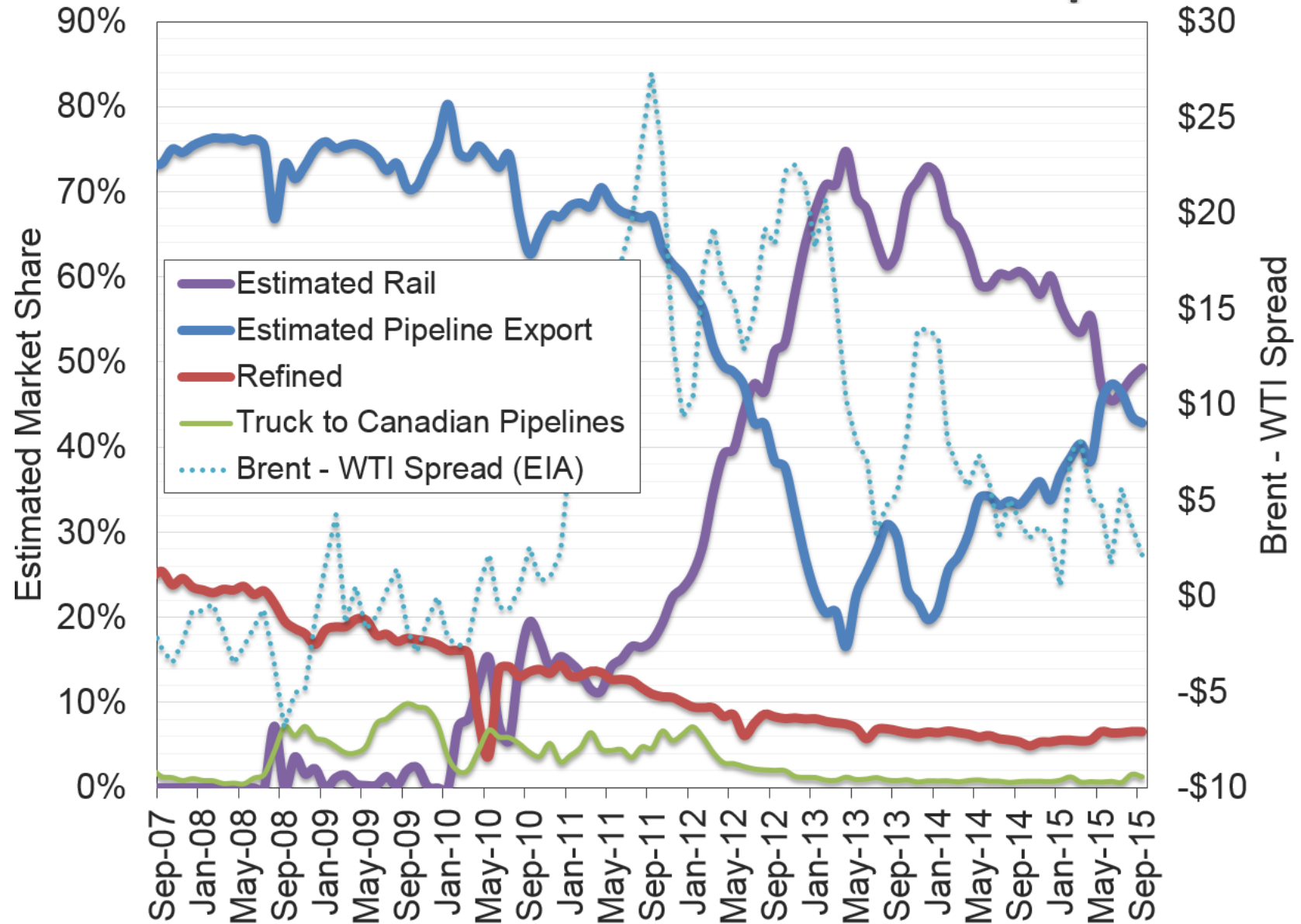
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,191,445	77,163	5,108	1,273,716
February	1,178,354	79,915	5,051	1,263,321
March	1,191,427	78,591	4,832	1,274,850
April	1,202,733	76,064	4,860	1,283,657
May	1,202,733	74,873	4,567	1,282,173
June	1,211,654	58,012	4,403	1,274,069
July	1,206,996	55,776	4,477	1,267,248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



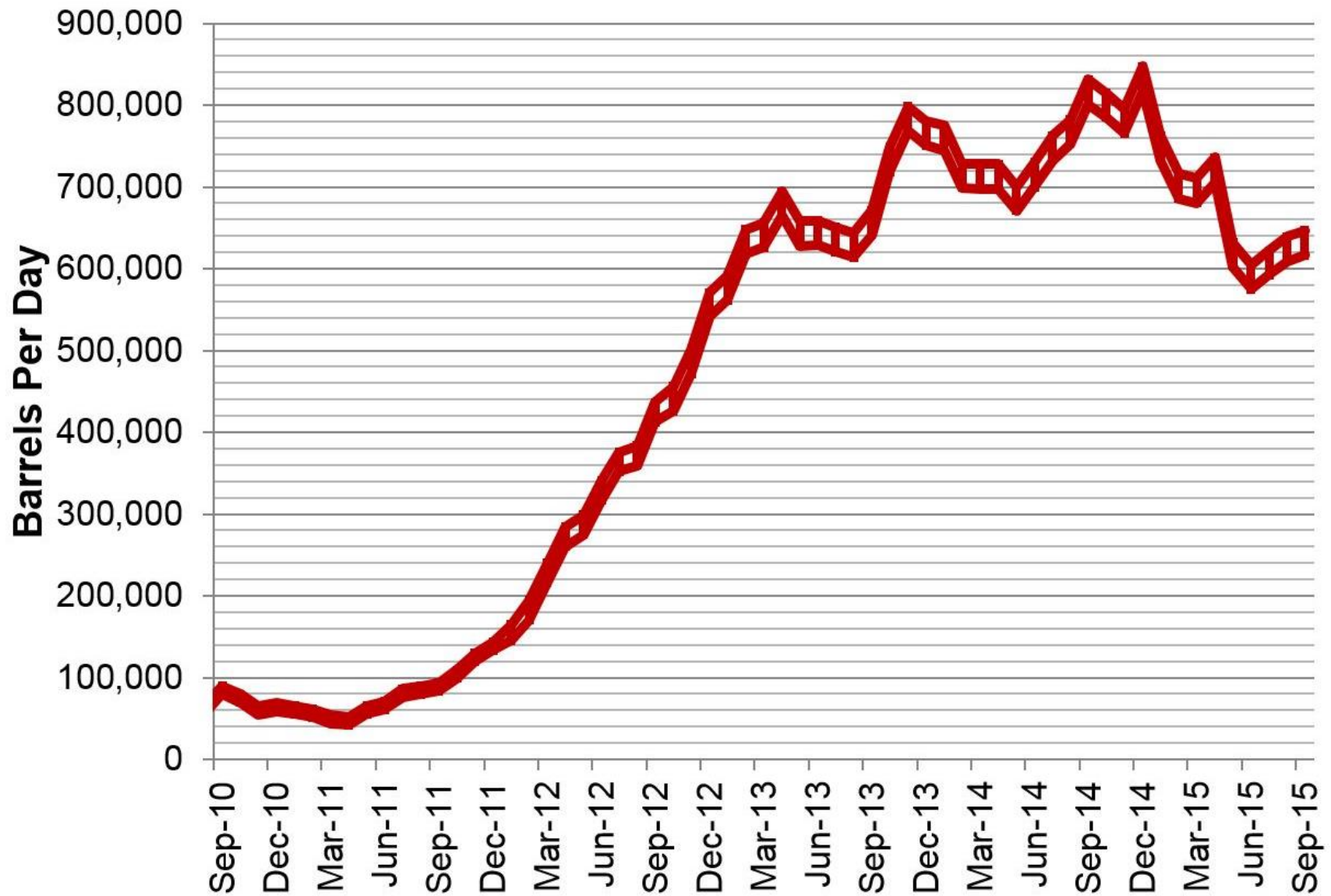
# Estimated Williston Basin Oil Transportation



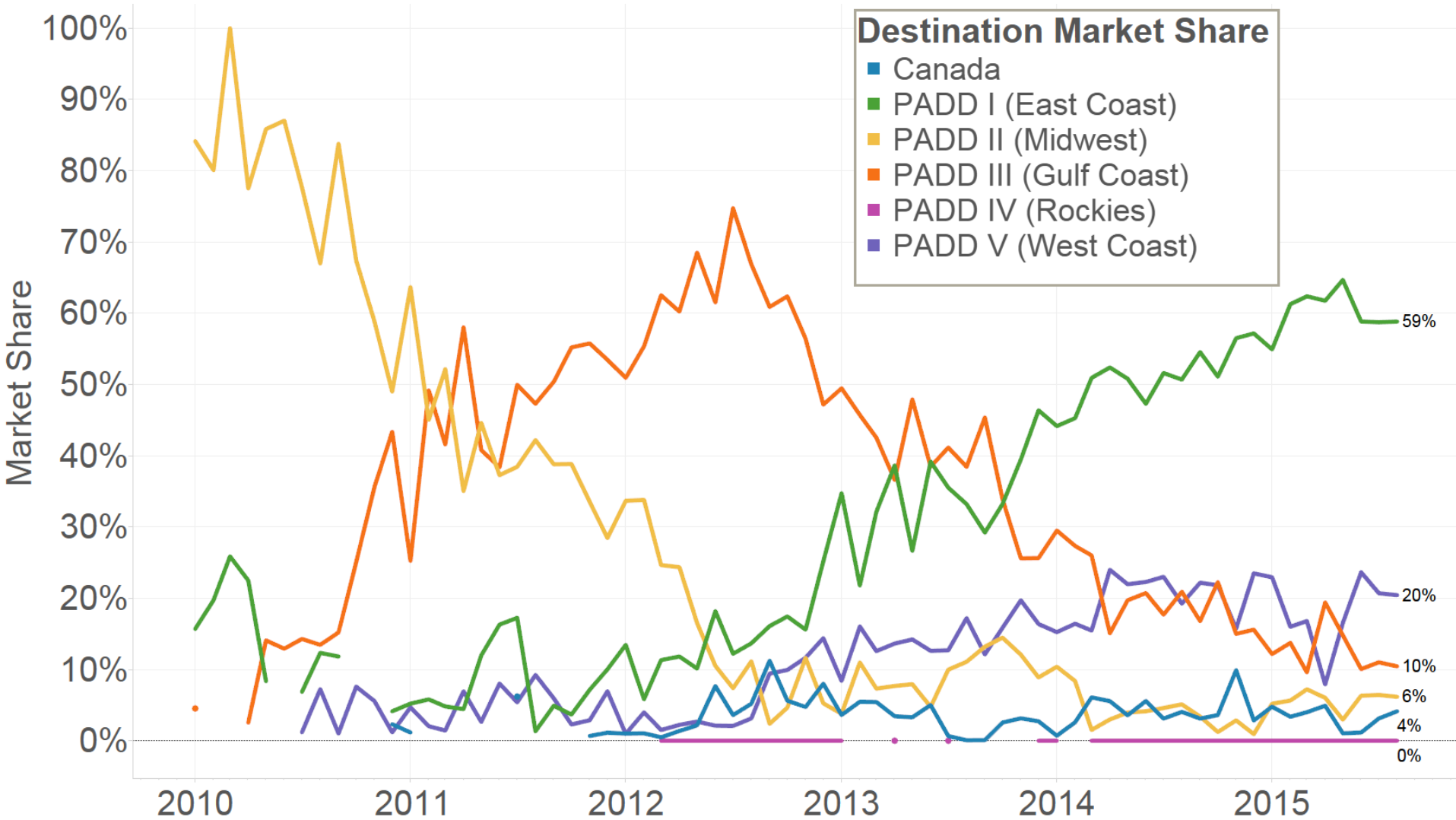
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



# Rail Destinations Market Share (Aug 2015)

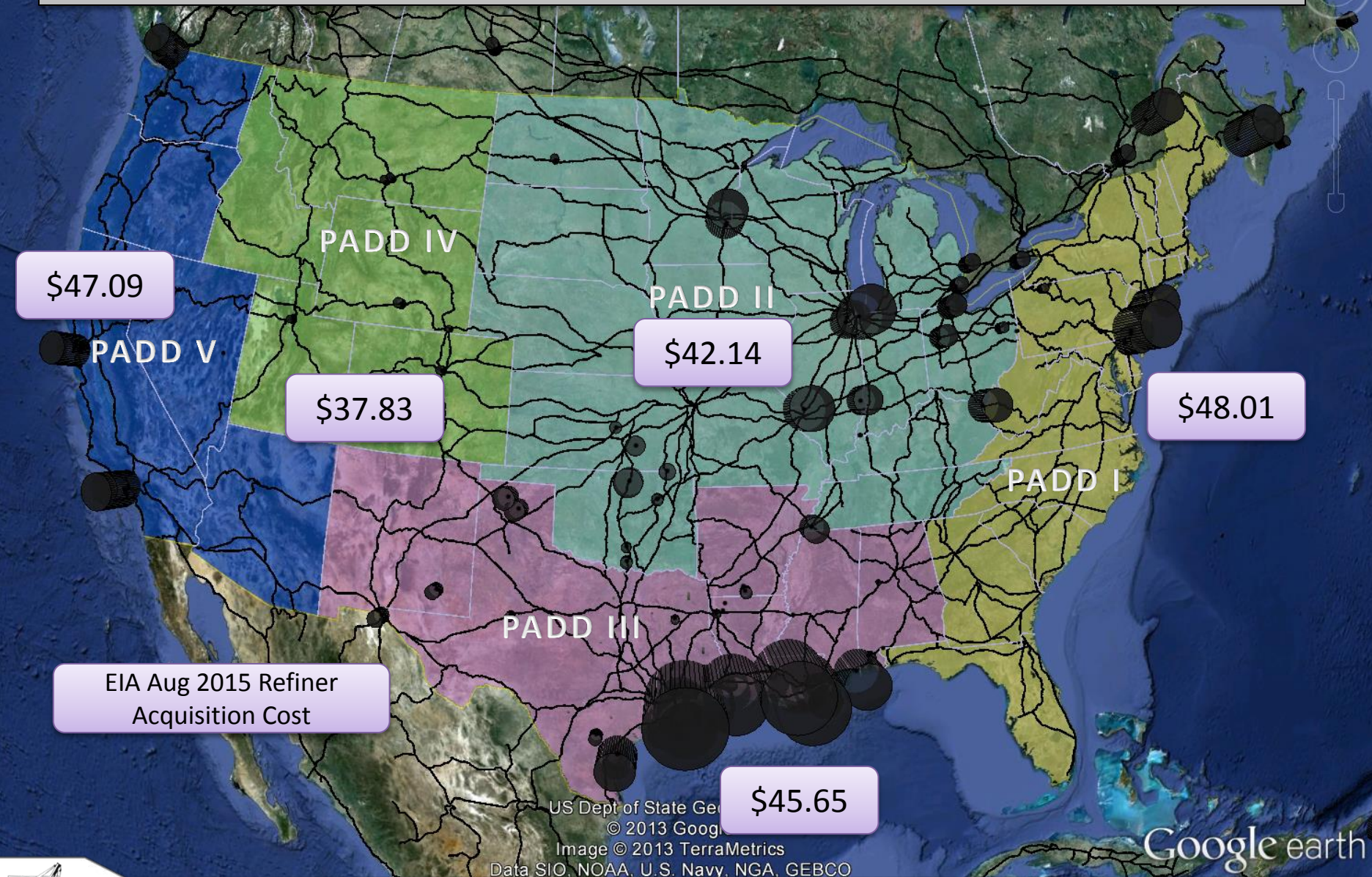


*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



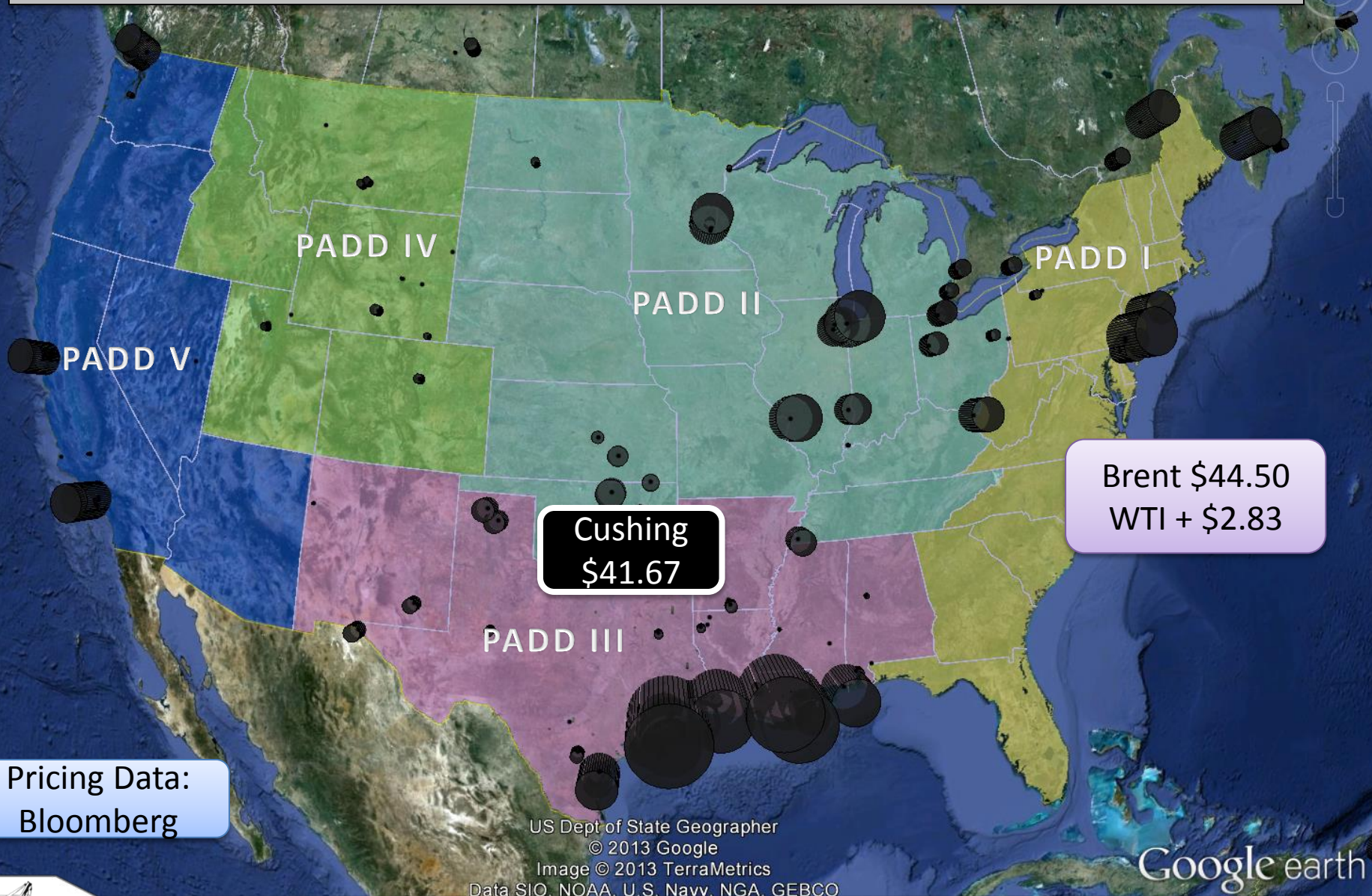


# Major Rail Lines and Refineries



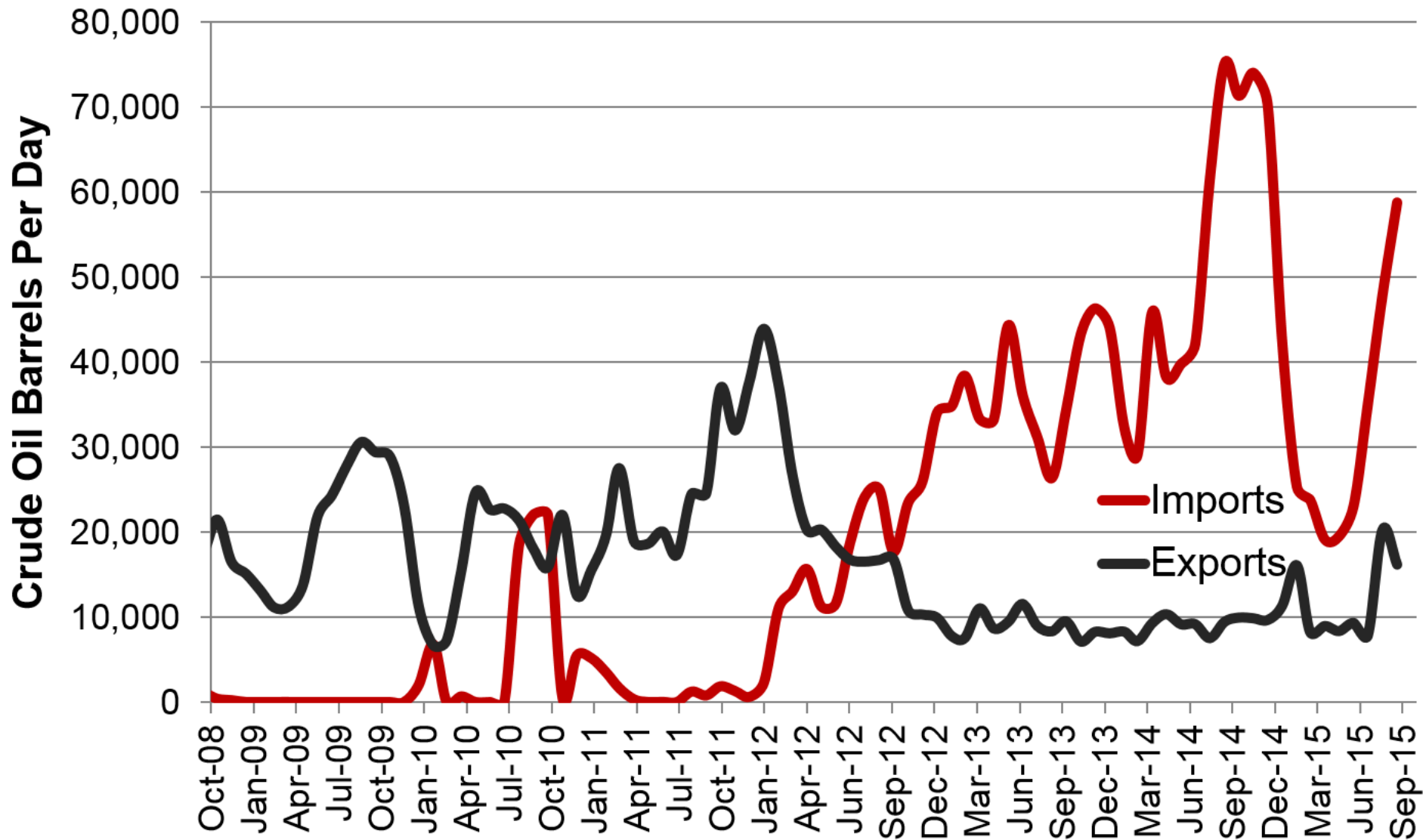


# Crude Oil Prices – Nov. 13, 2015





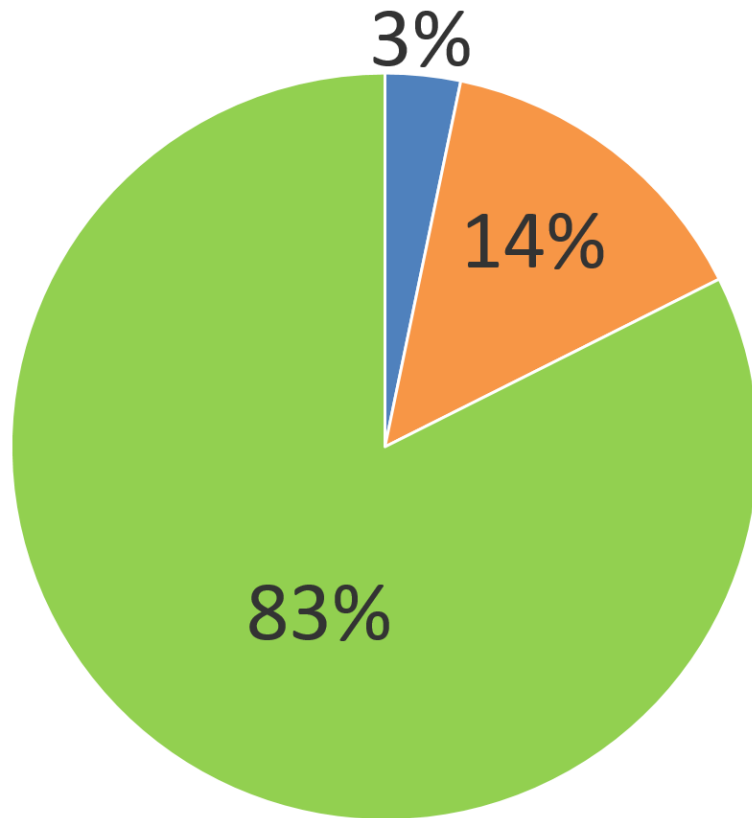
# ***Williston Basin Truck Imports and Exports with Canada***



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



# Solving the Flaring Challenge



Statewide

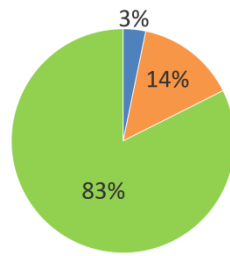
**GREEN** – % of gas captured and sold  
**Blue** – % flared from zero sales wells  
**Orange** – % flared from wells with at least one mcf sold.

## Simple Terms

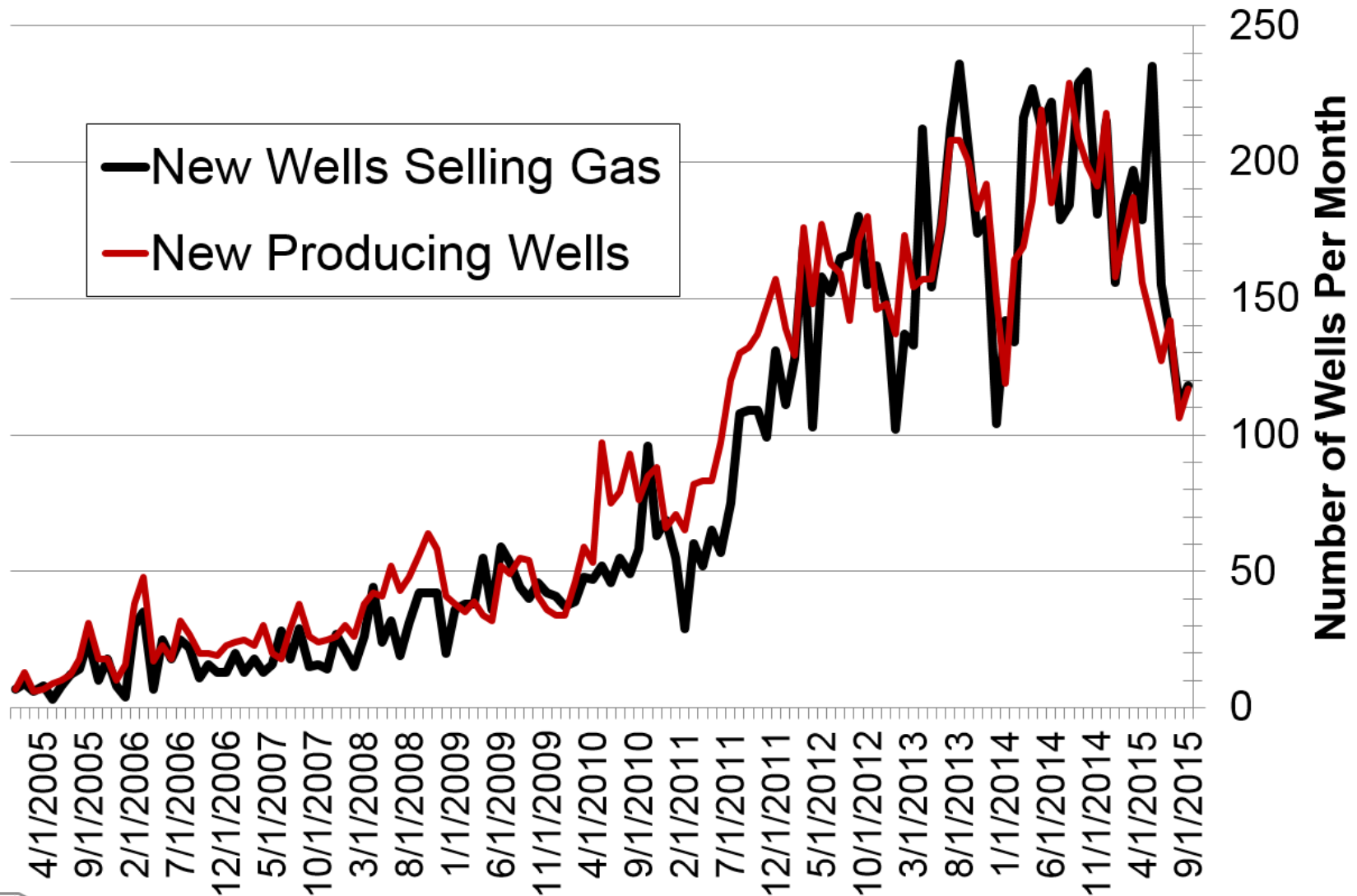
**Blue** – Lack of pipelines  
**Orange** – Challenges on existing infrastructure

September 2015 Data – Non-Confidential Wells



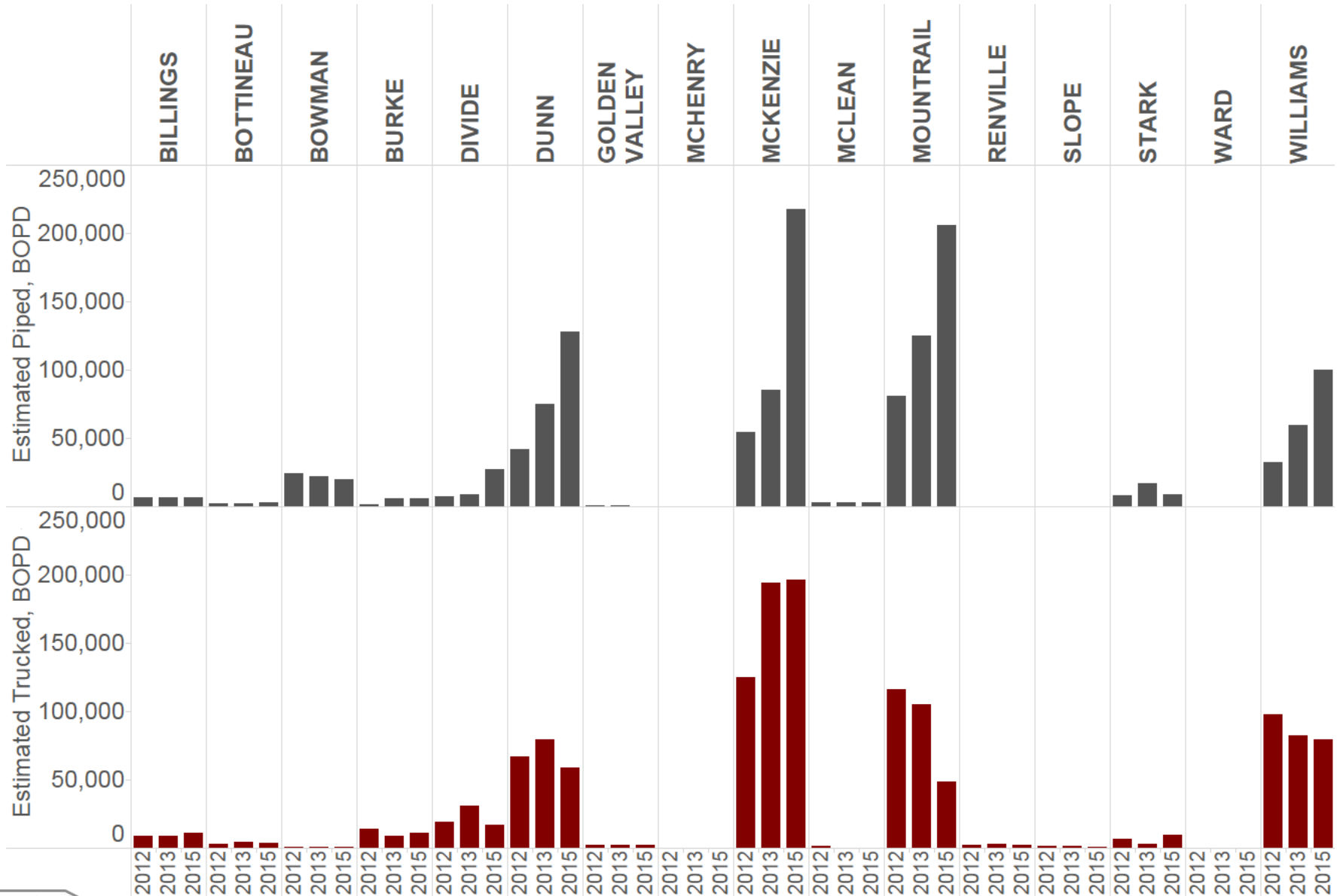


# Capturing the 3% Faster Well Connections



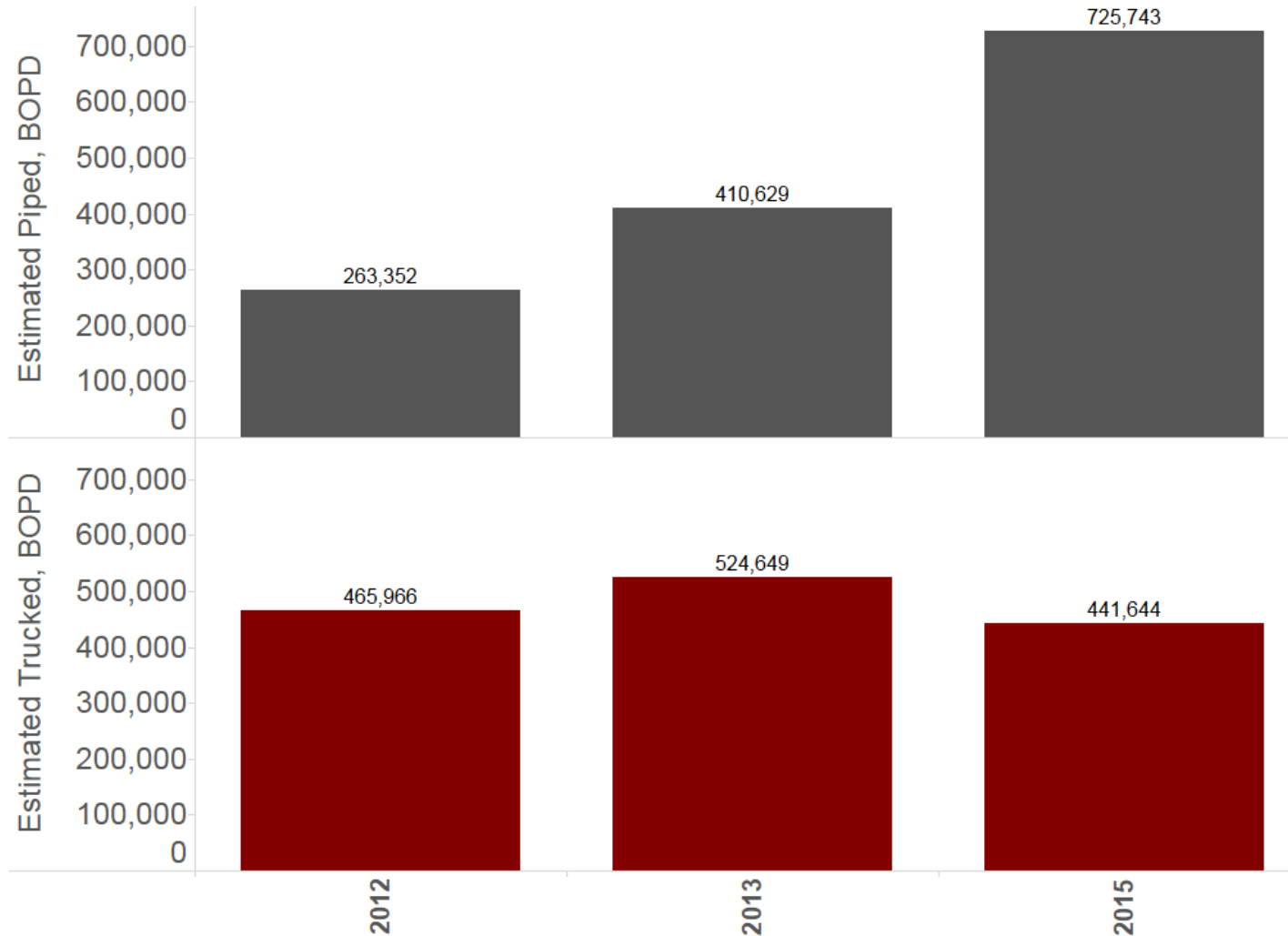


# Evolution of Oil Gathering in ND

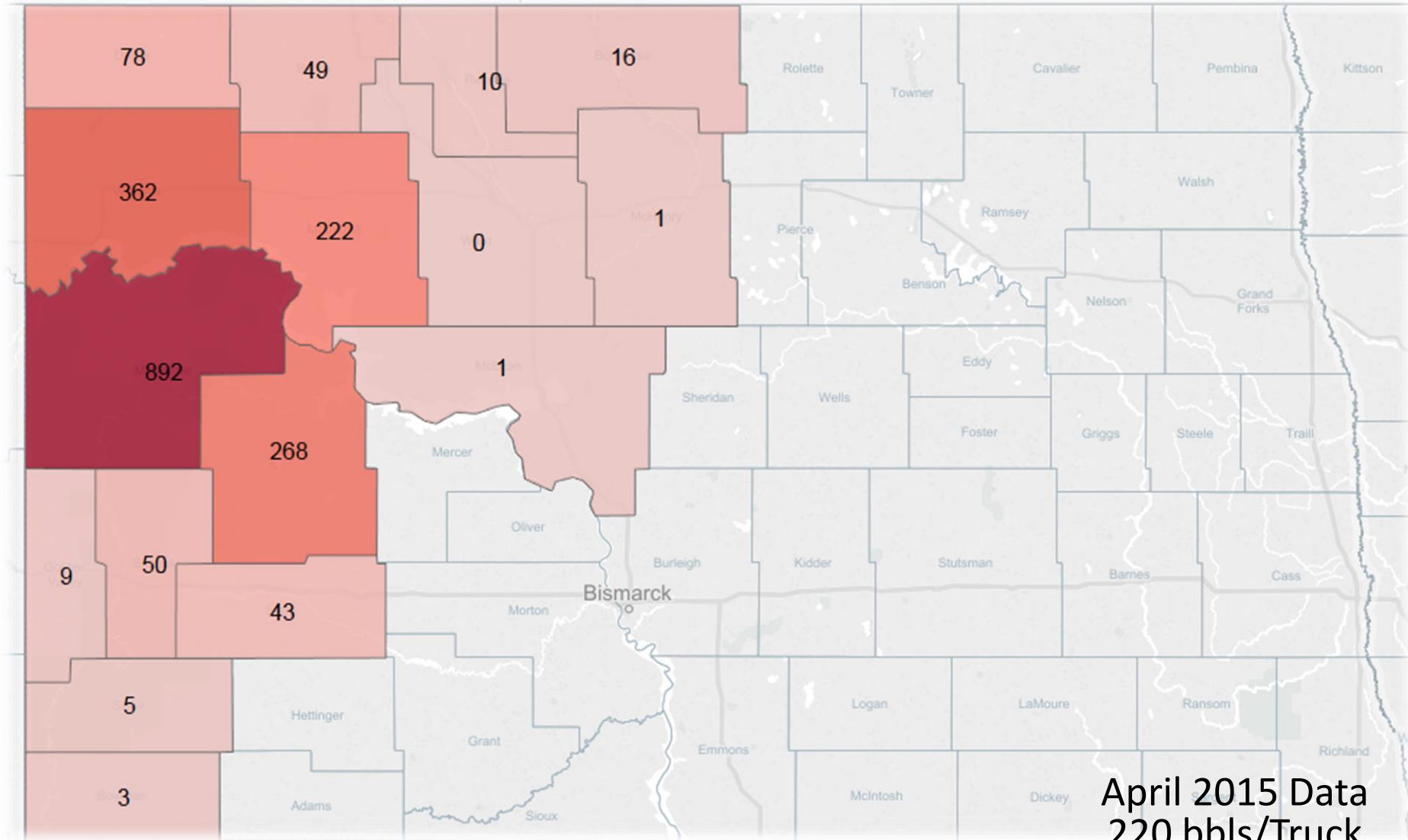


# Evolution of Oil Gathering in ND

## Statewide Totals



# Estimated Loaded Oil Truckloads Per Day



April 2015 Data  
220 bbls/Truck





# Contact Information

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