



September 2016 Monthly Update

North Dakota Pipeline Authority

Justin J. Kringstad

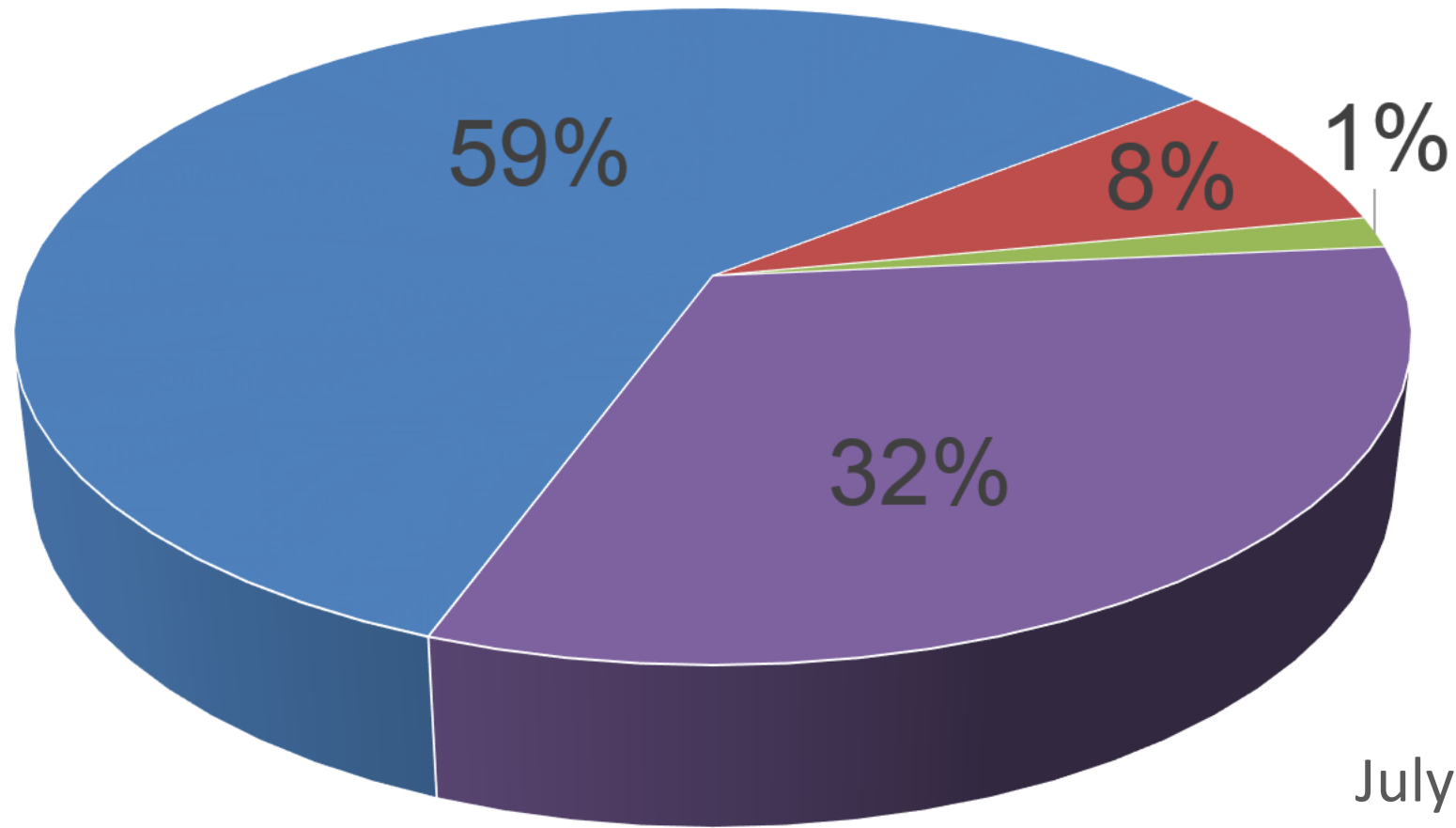
September 16, 2016

US Williston Basin Oil Production - 2016

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,122,468	63,371	4,148	1,189,987
February	1,119,861	62,710	4,052	1,186,623
March	1,111,544	61,477	3,963	1,176,984
April	1,041,981	59,927	3,846	1,105,754
May	1,047,003	59,027	3,971	1,110,001
June	1,027,131	57,030	3,858	1,088,019
July	1,029,507			
August				
September				
October				
November				
December				



Estimated Williston Basin Oil Transportation

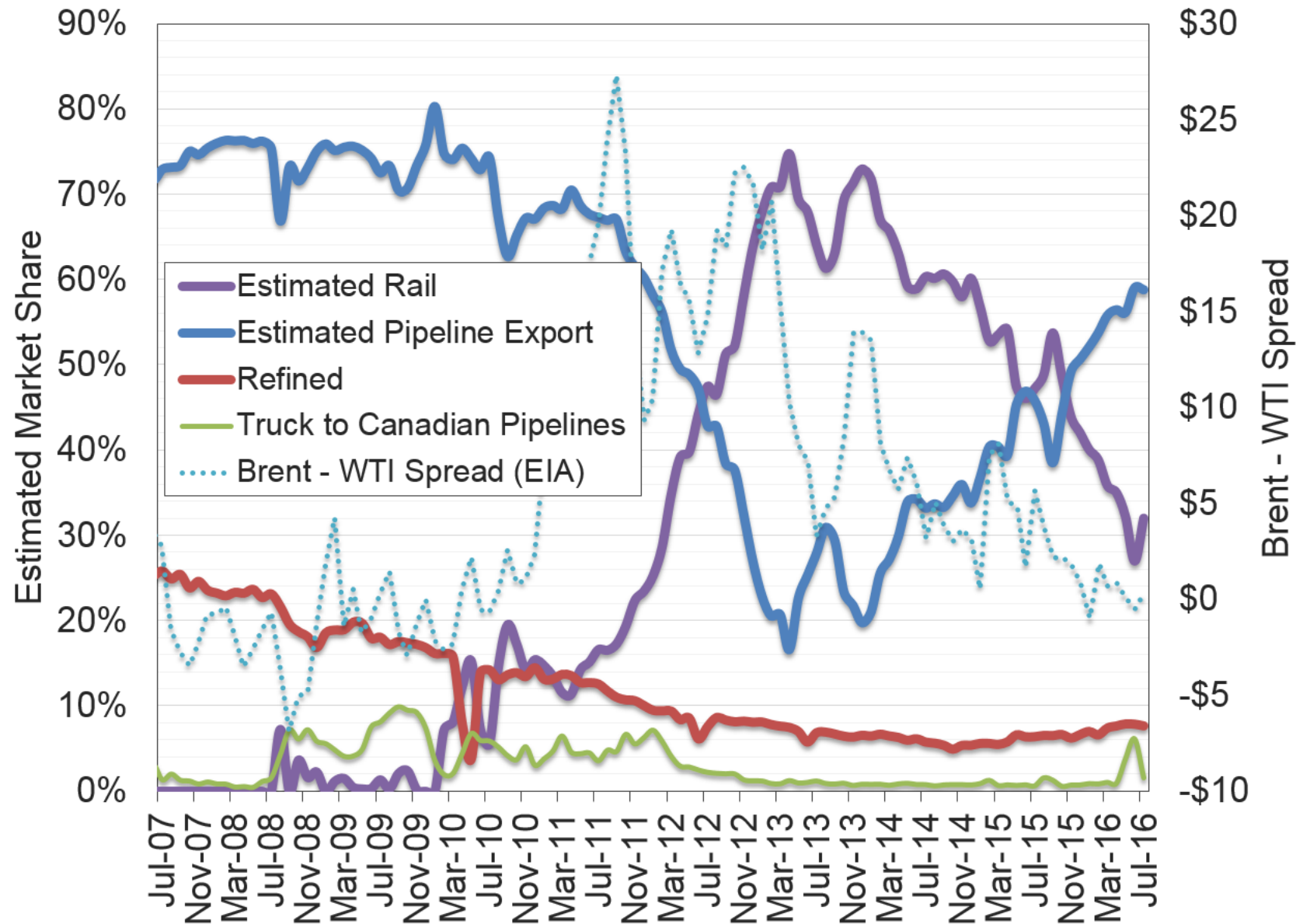


July 2016

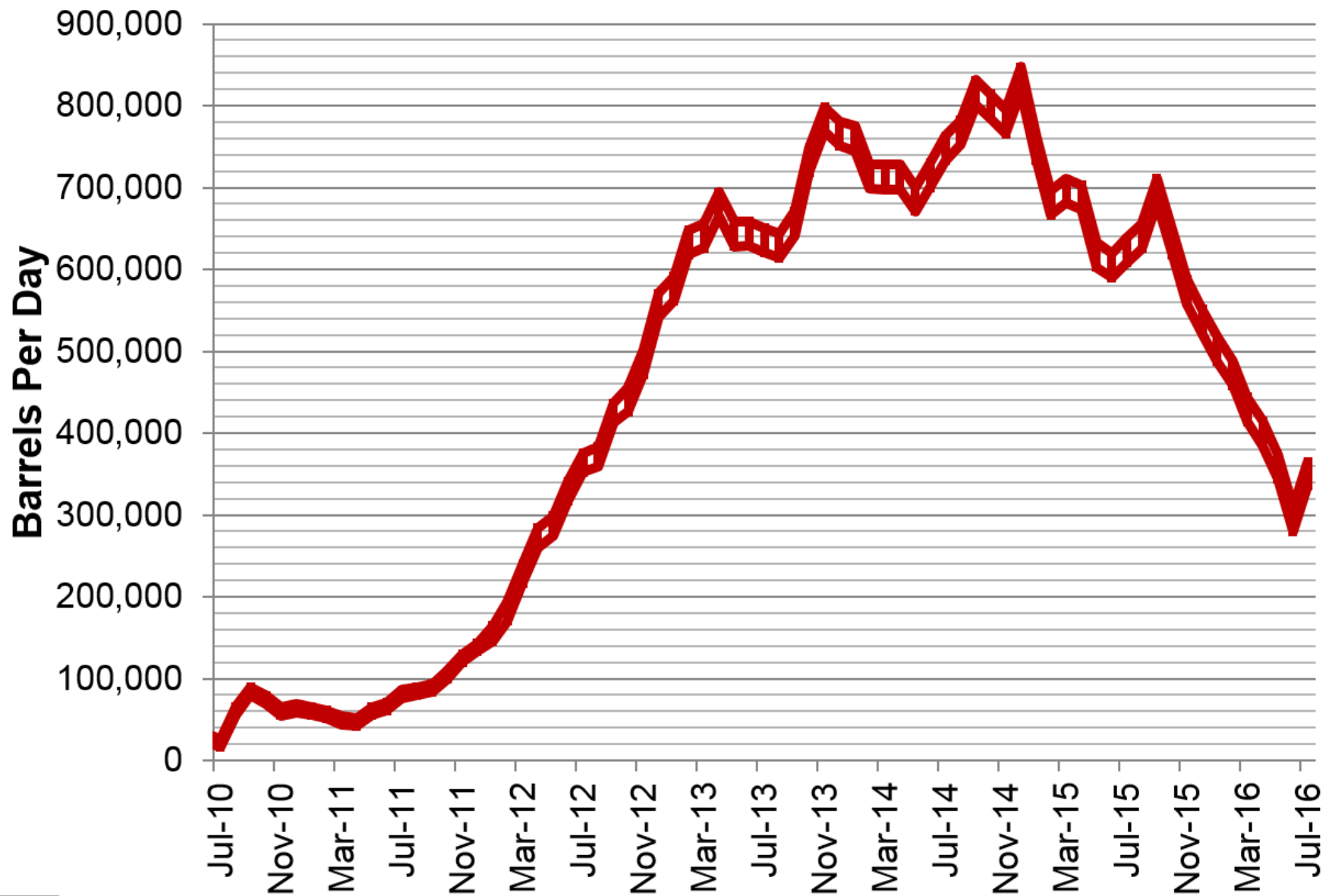
- Pipeline Export
- Refined
- Truck to Canadian Pipelines
- Estimated Rail



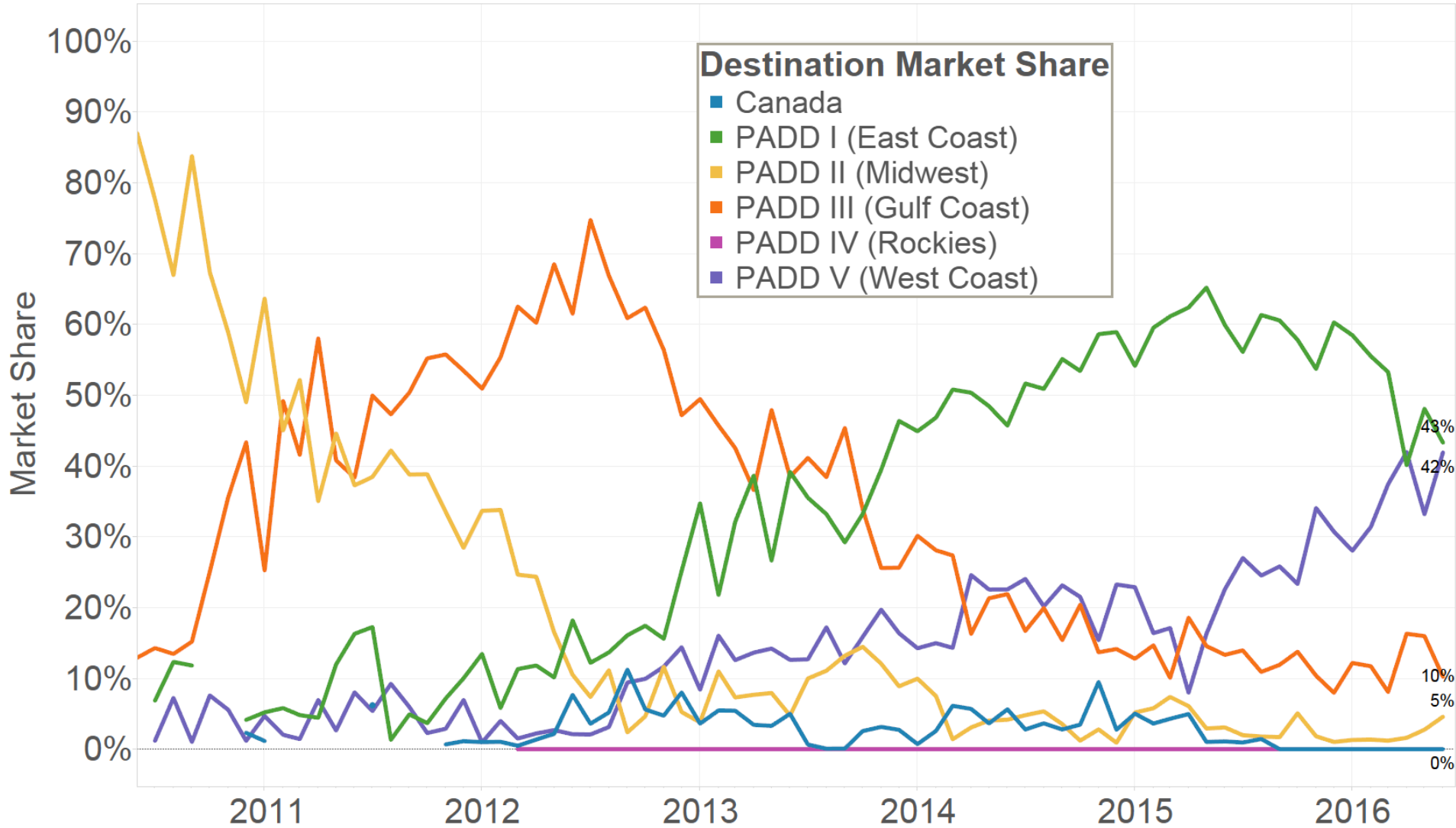
Estimated Williston Basin Oil Transportation



Estimated ND Rail Export Volumes



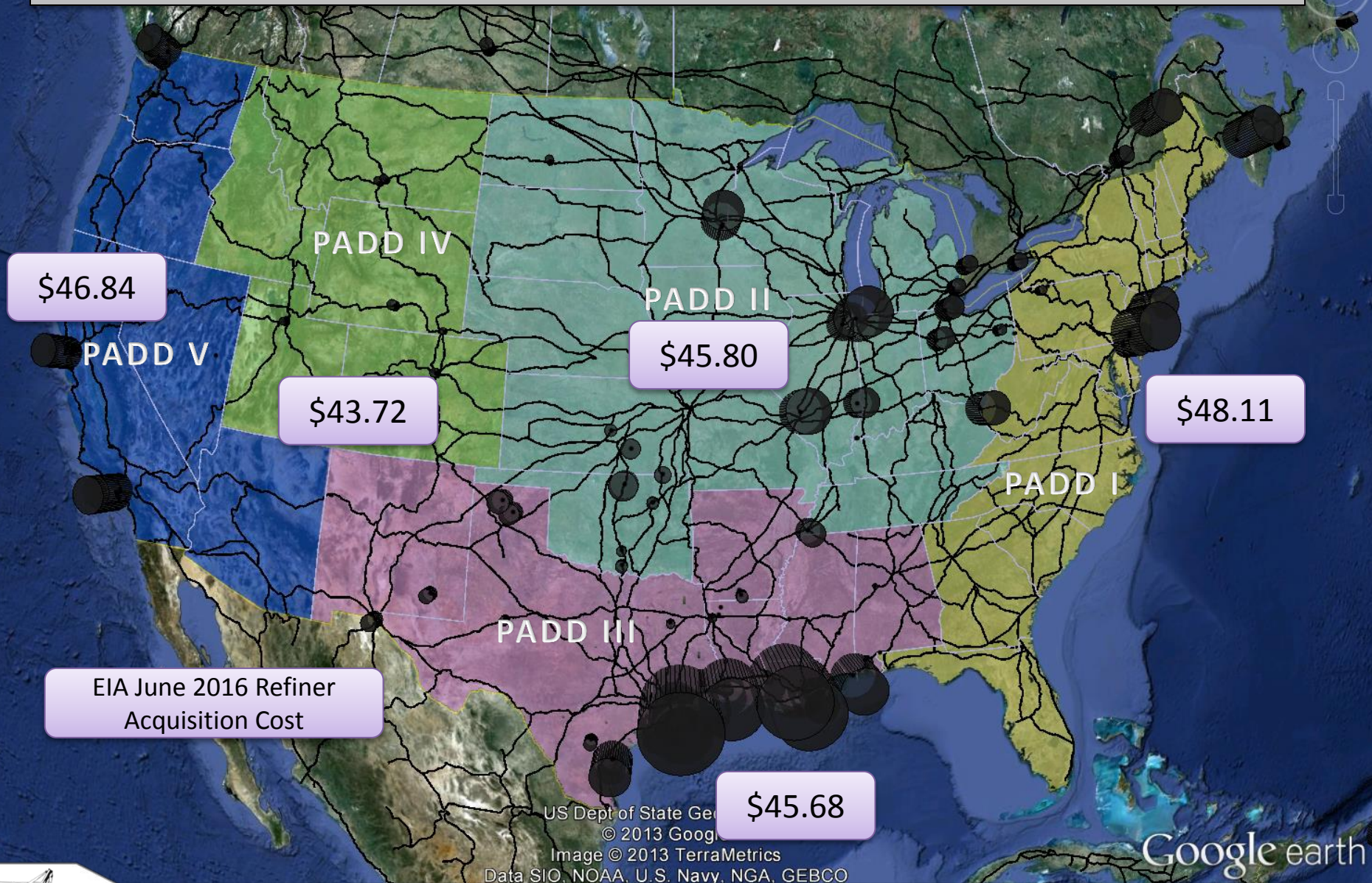
Rail Destinations Market Share (June 2016)



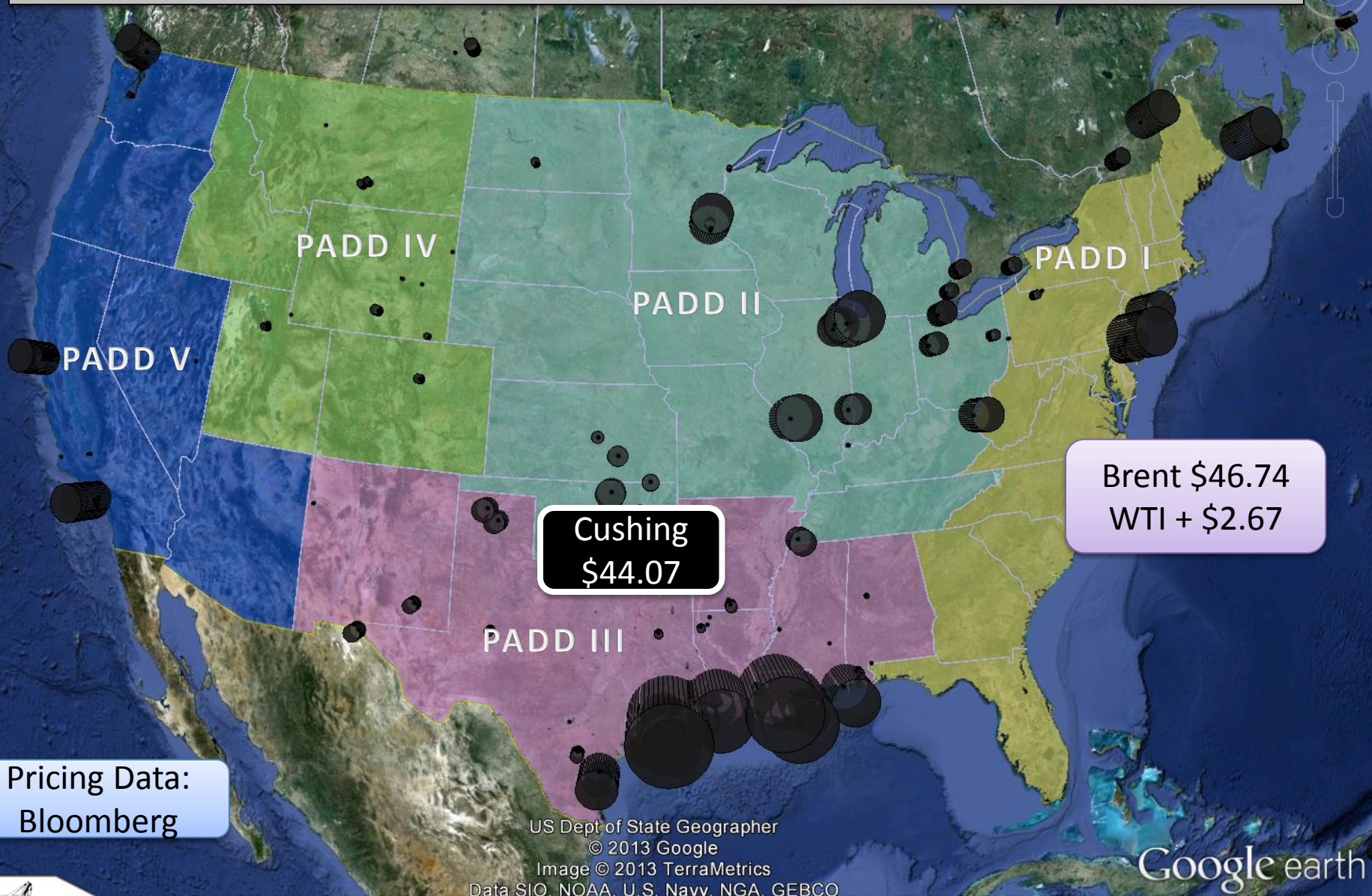
Data for Rail Destination Market Share Provided by the US Energy Information Administration



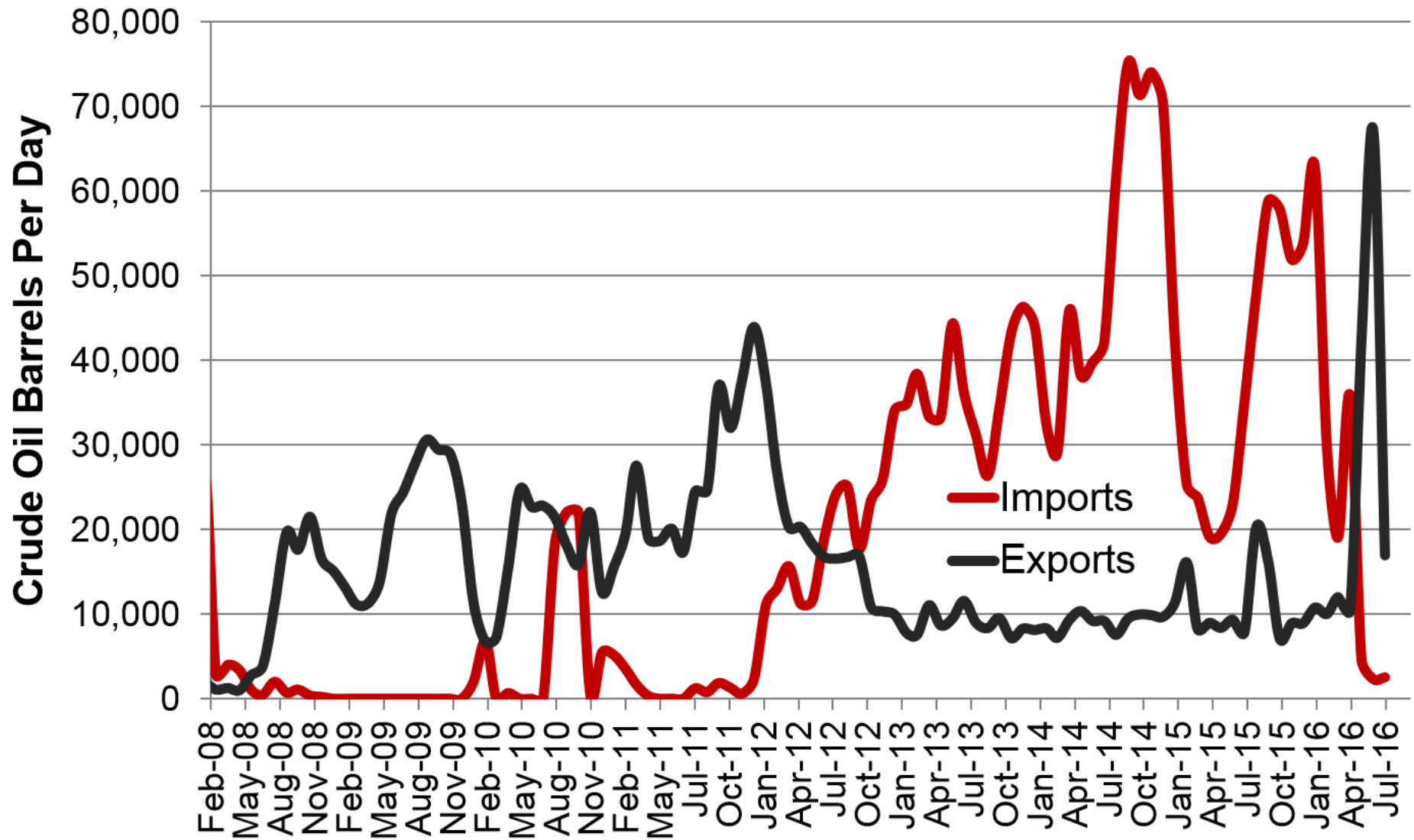
Major Rail Lines and Refineries



Crude Oil Prices – Sep 15, 2016



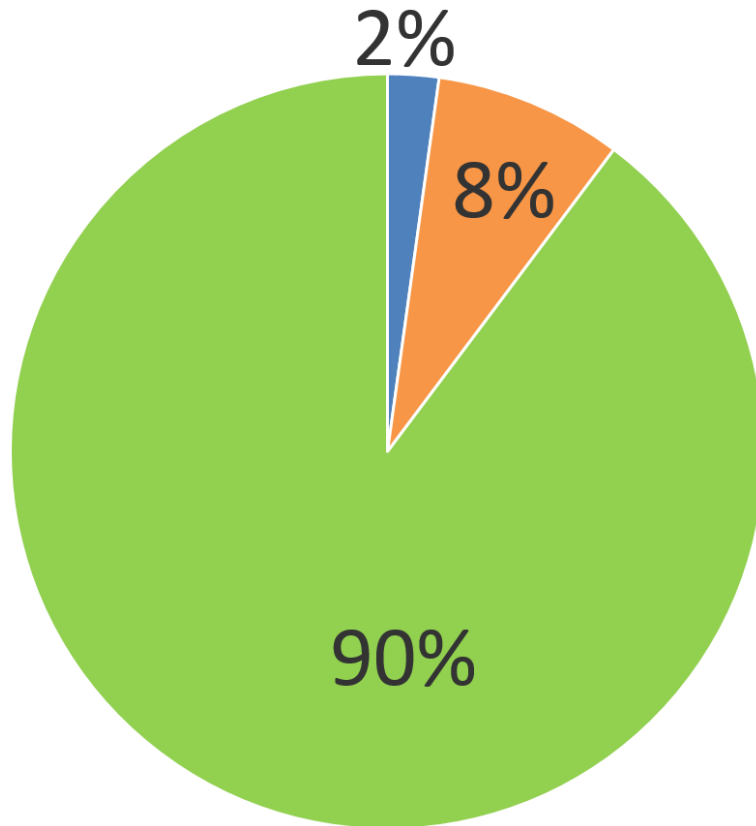
Williston Basin Truck Imports and Exports with Canada



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.

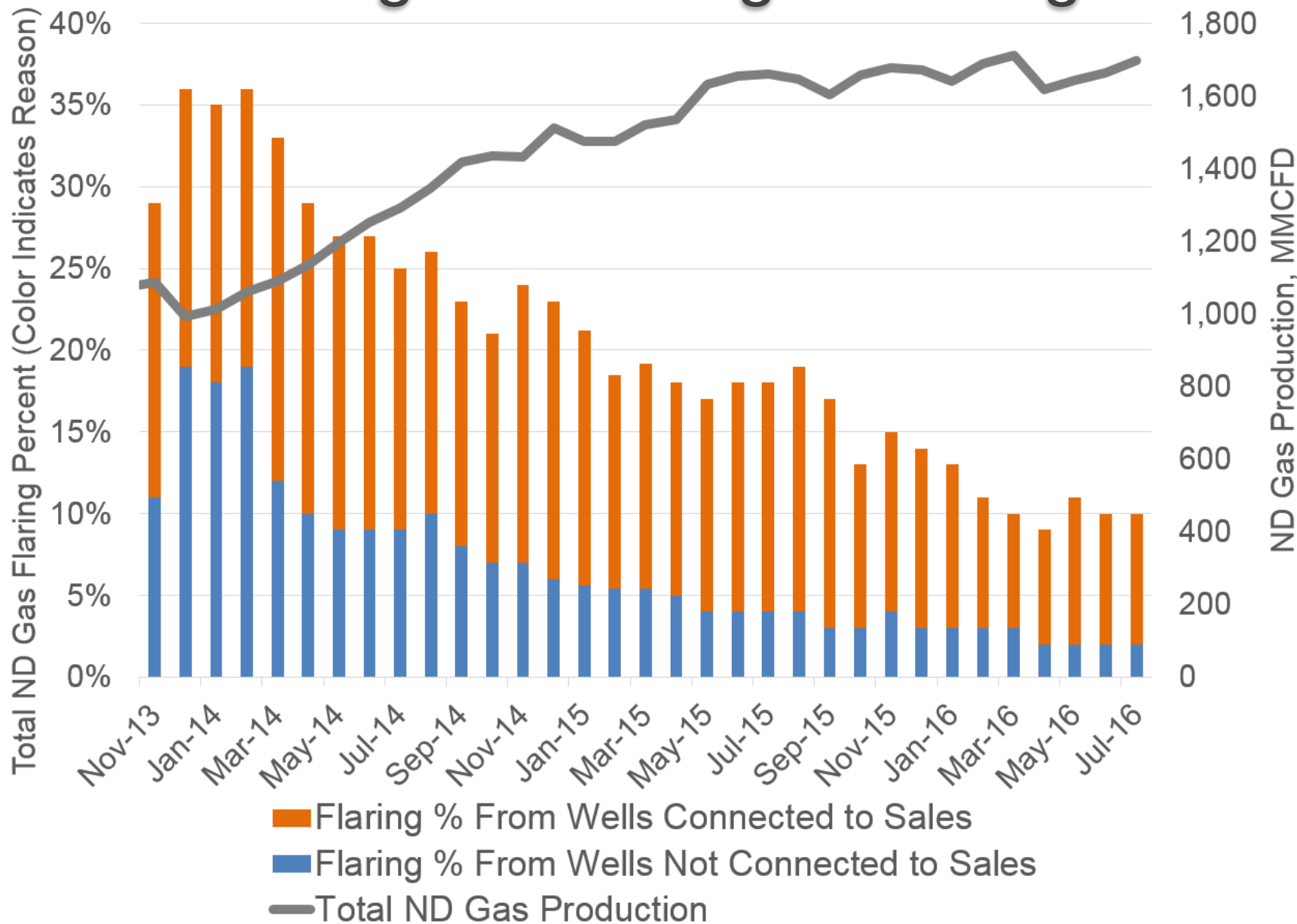
Simple Terms

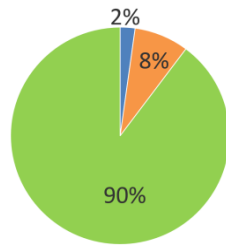
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

July 2016 Data – Non-Confidential Wells

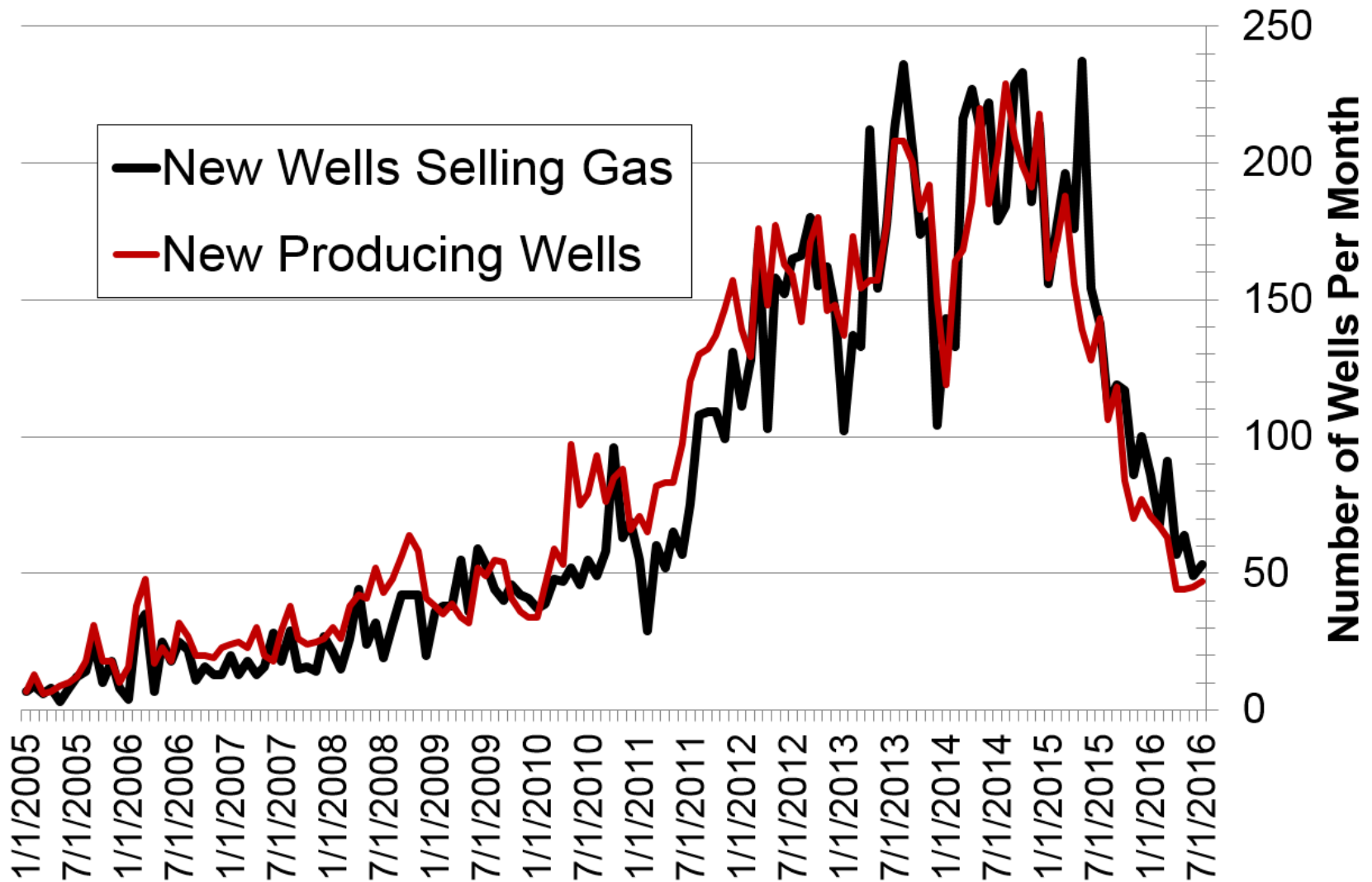


Solving the Flaring Challenge

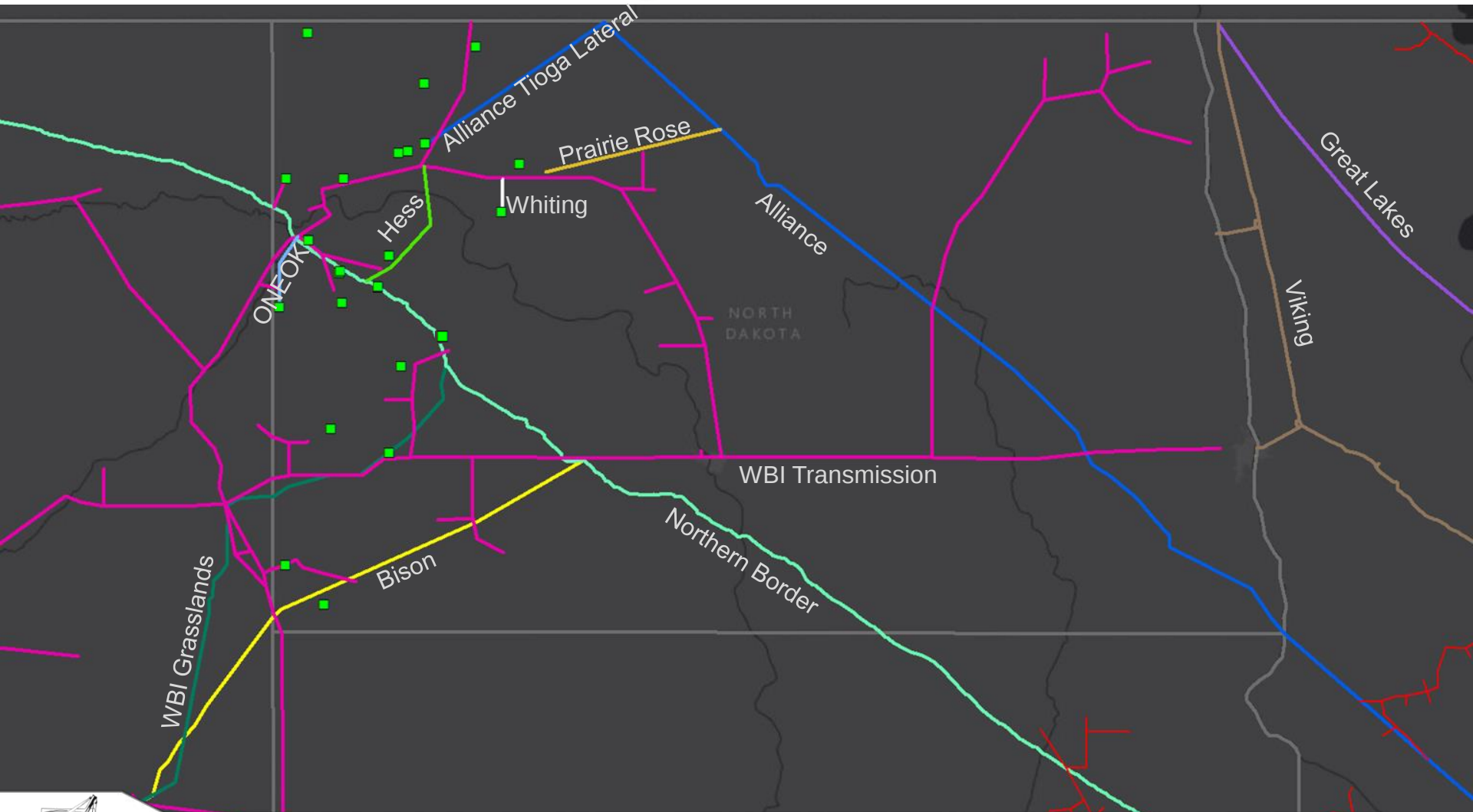




Capturing the 2% Faster Well Connections

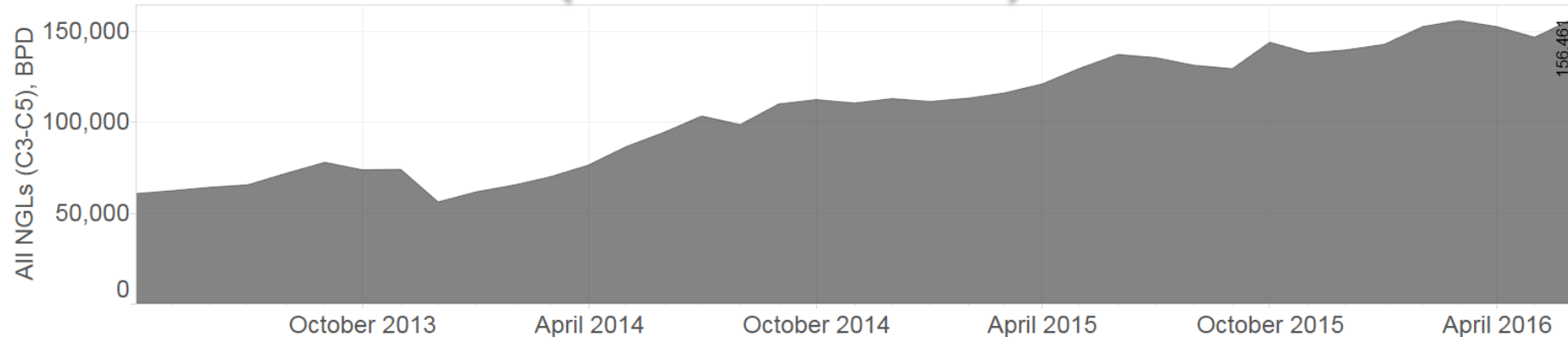


Major Gas Pipeline and Processing Infrastructure

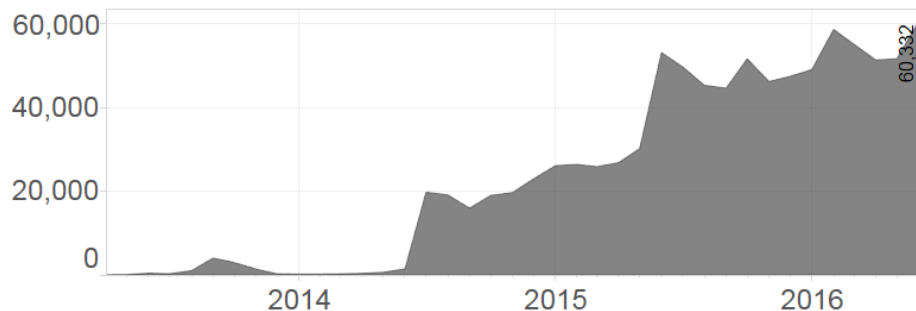


Gas Plant Natural Gas Liquids (June 2016)

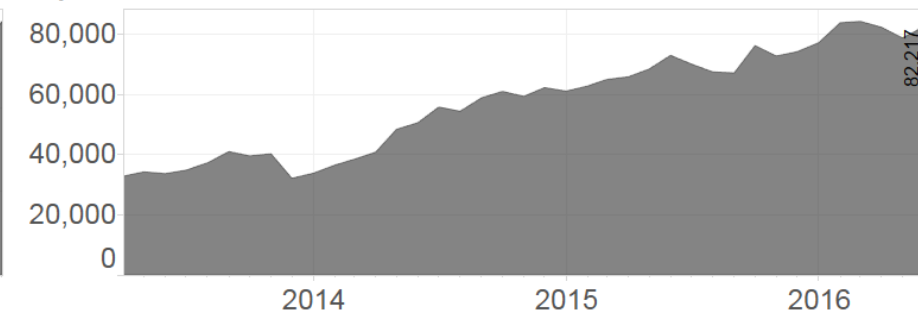
All NGLs, BPD



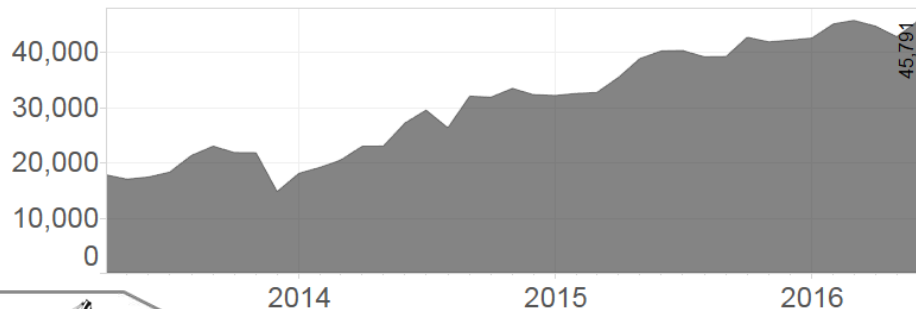
Ethane, BPD



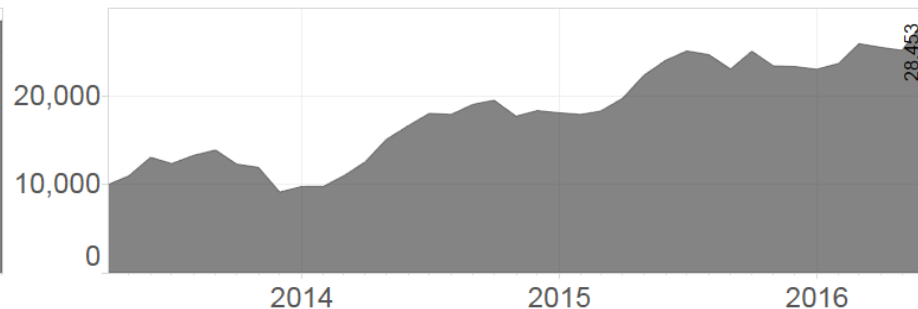
Propane, BPD



Butane, BPD



Natural Gasoline, BPD



Contact Information

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