



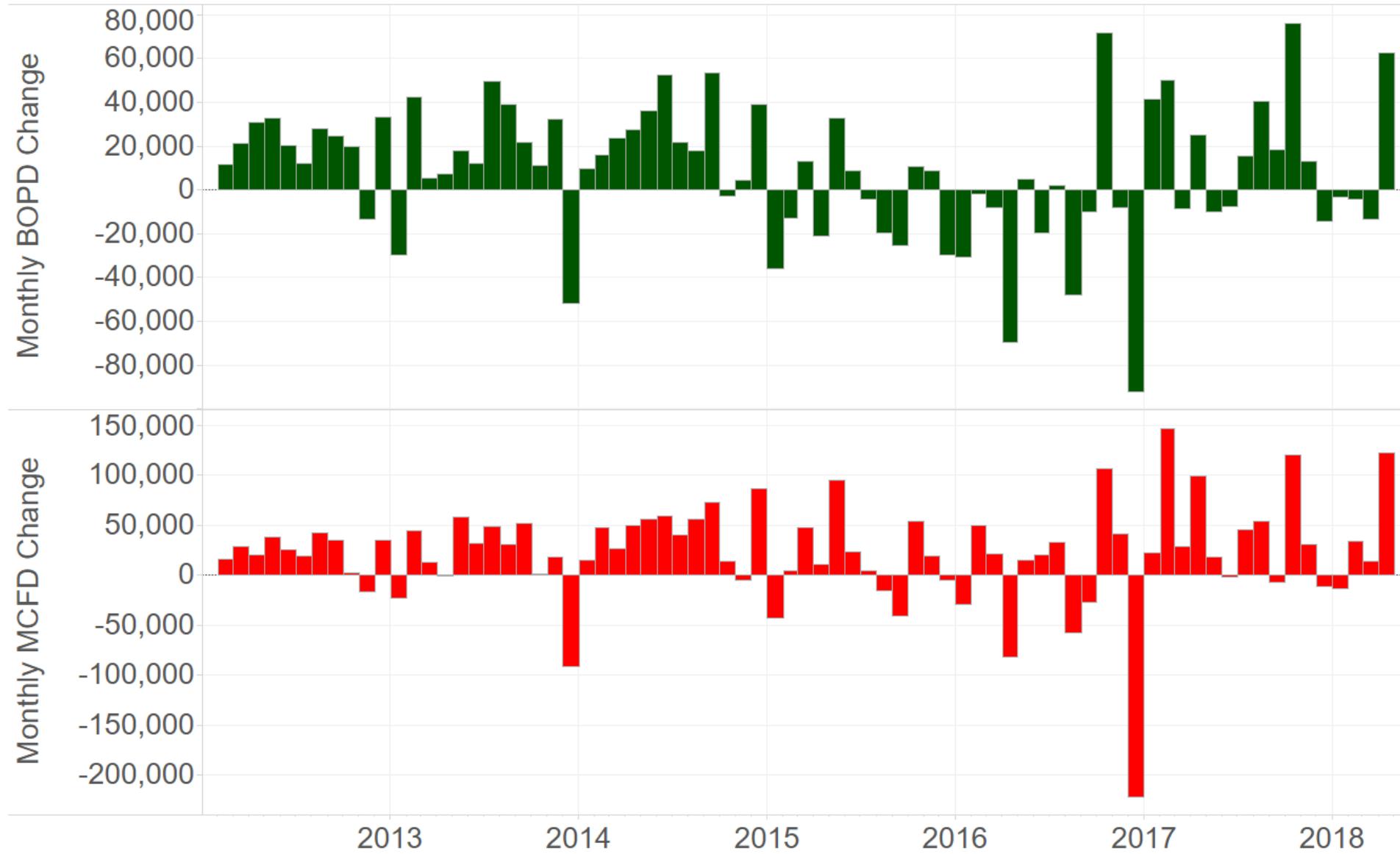
June 2018 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
June 15, 2018

US Williston Basin Oil Production - 2018

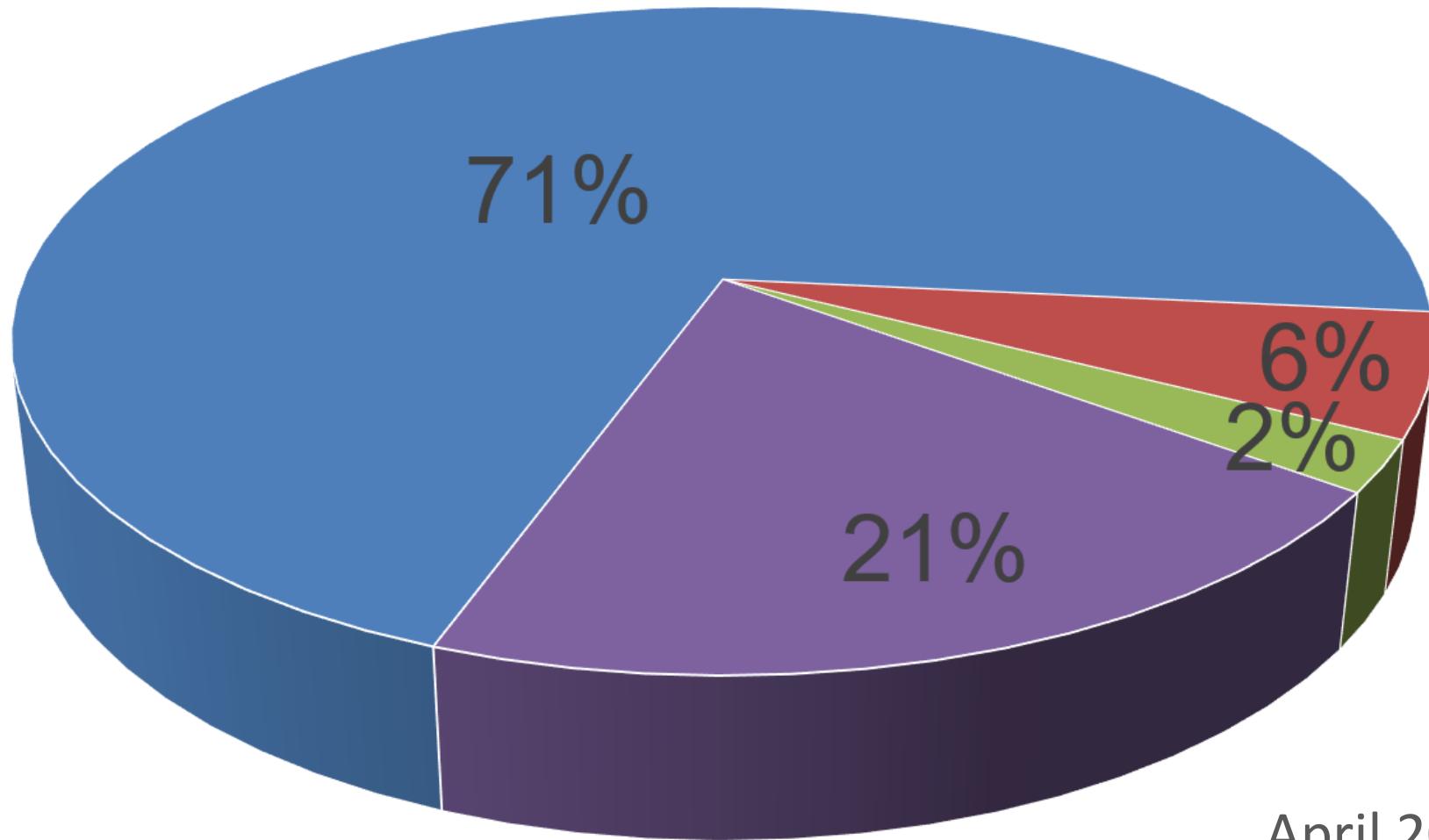
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,179,712	49,130	3,575	1,232,417
February	1,175,327	48,862	3,628	1,227,817
March	1,162,134	47,544	3,502	1,213,180
April	1,224,948			
May				
June				
July				
August				
September				
October				
November				
December				



Monthly Production Change



Estimated Williston Basin Oil Transportation

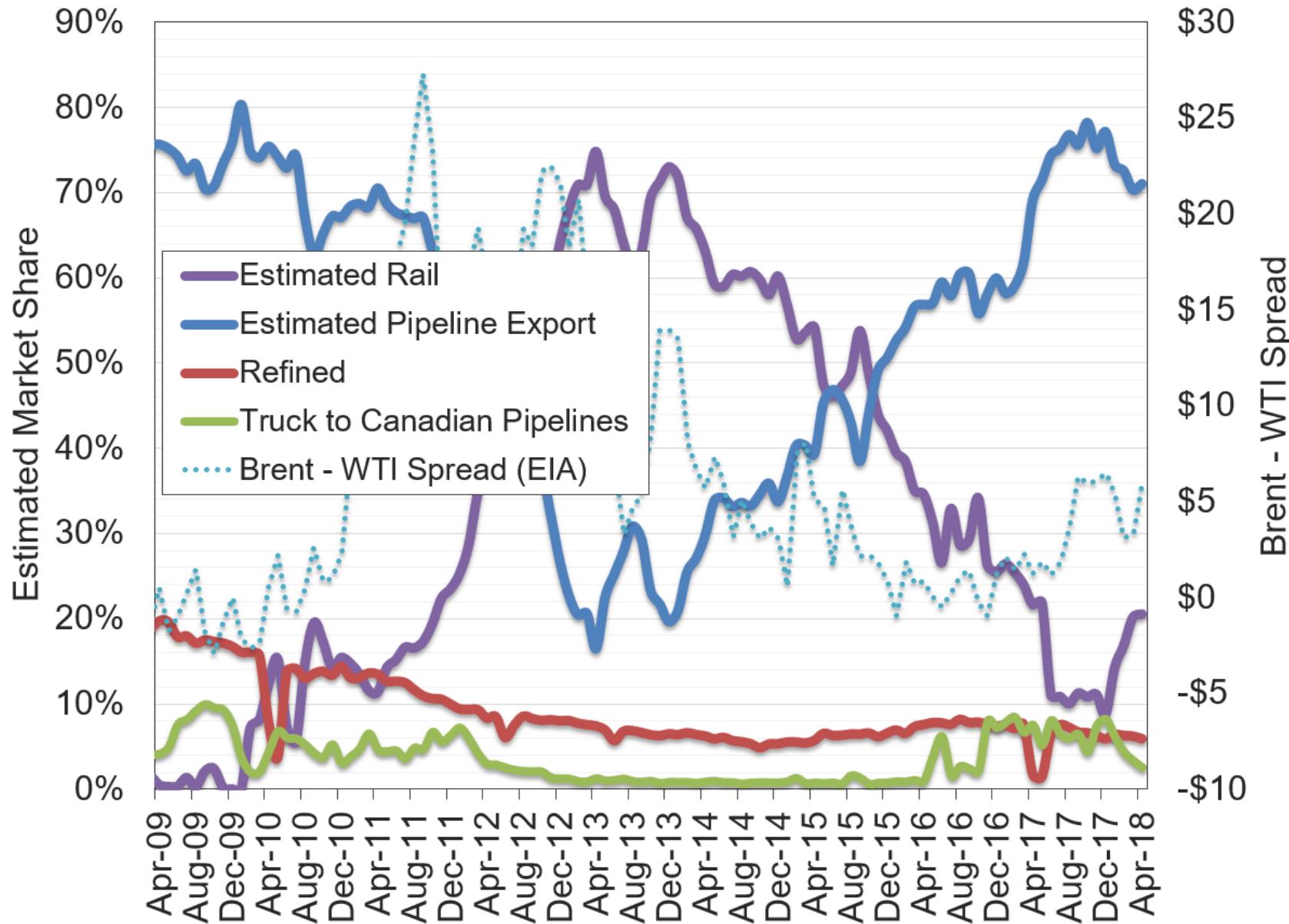


April 2018

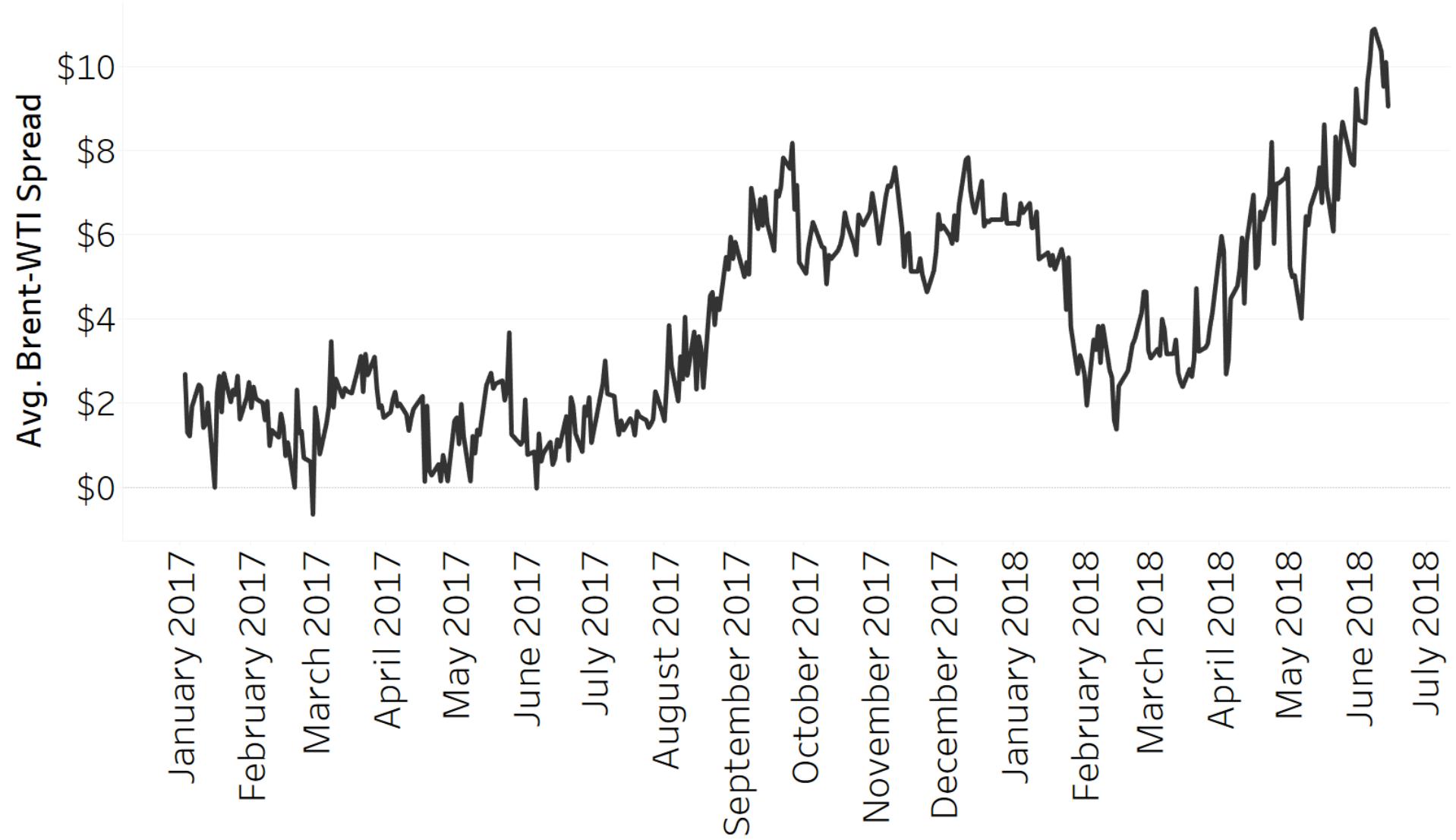
- Pipeline Export
- Truck to Canadian Pipelines
- Refined
- Estimated Rail



Estimated Williston Basin Oil Transportation



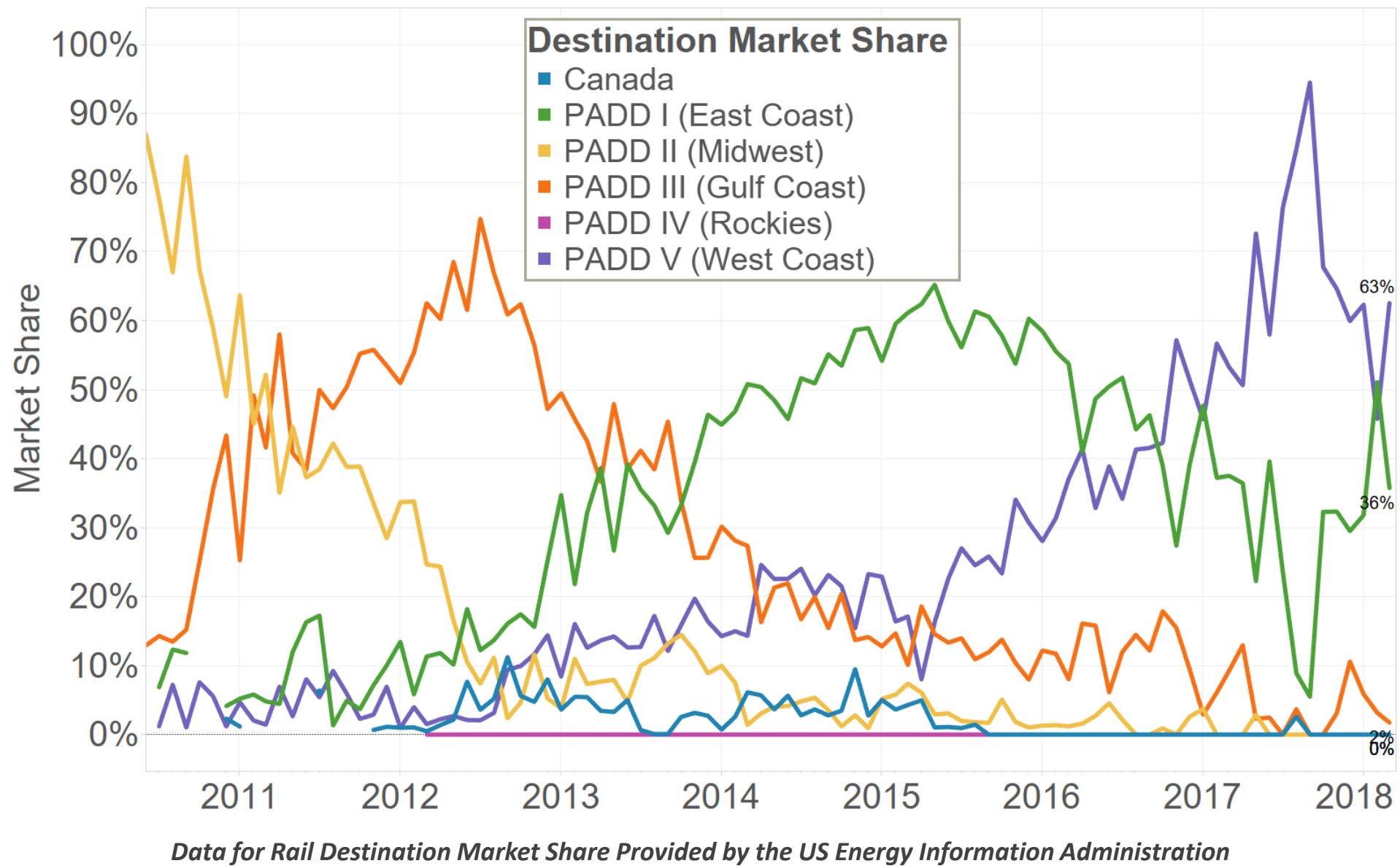
Brent – WTI Price Spread



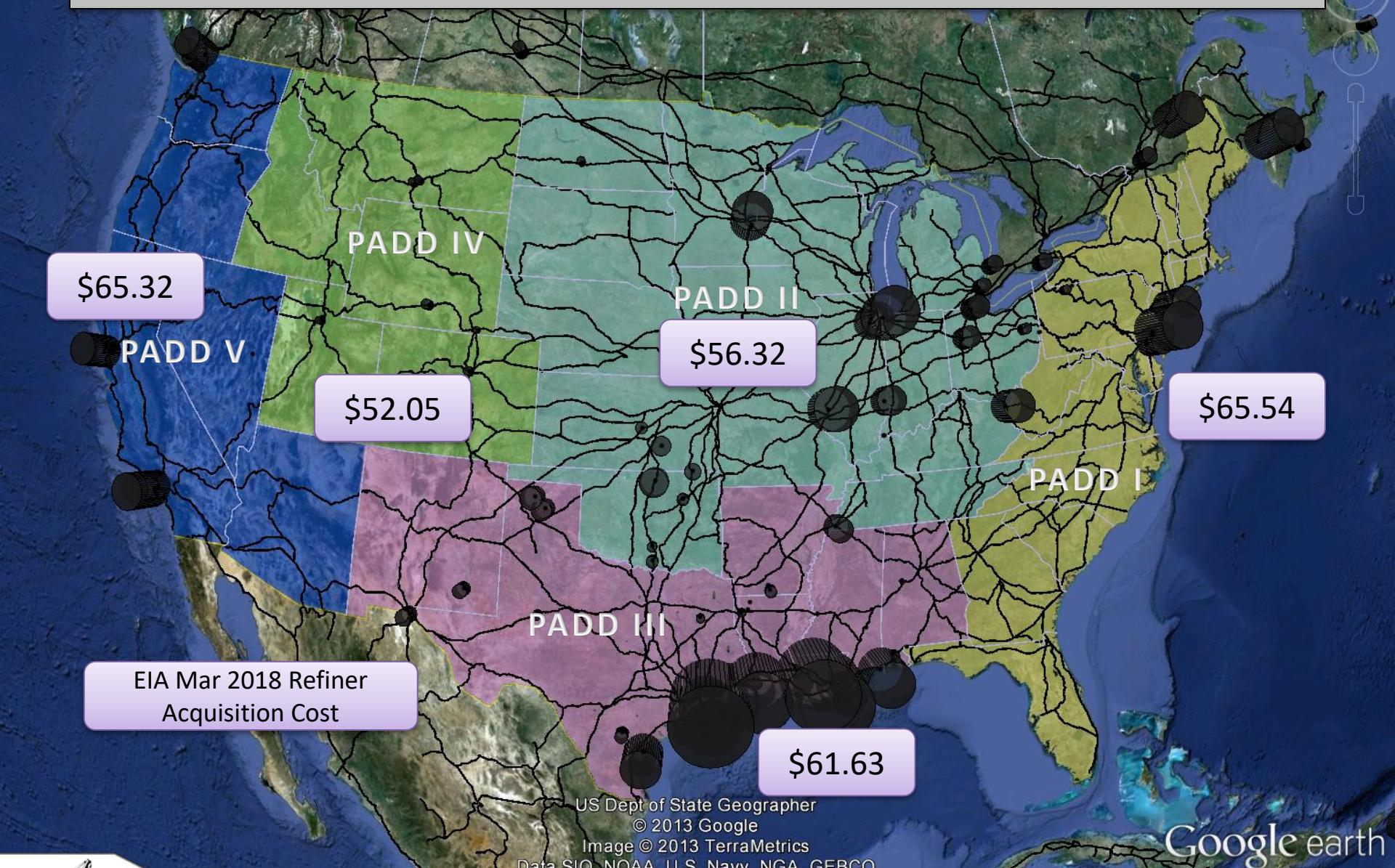
Estimated ND Rail Export Volumes



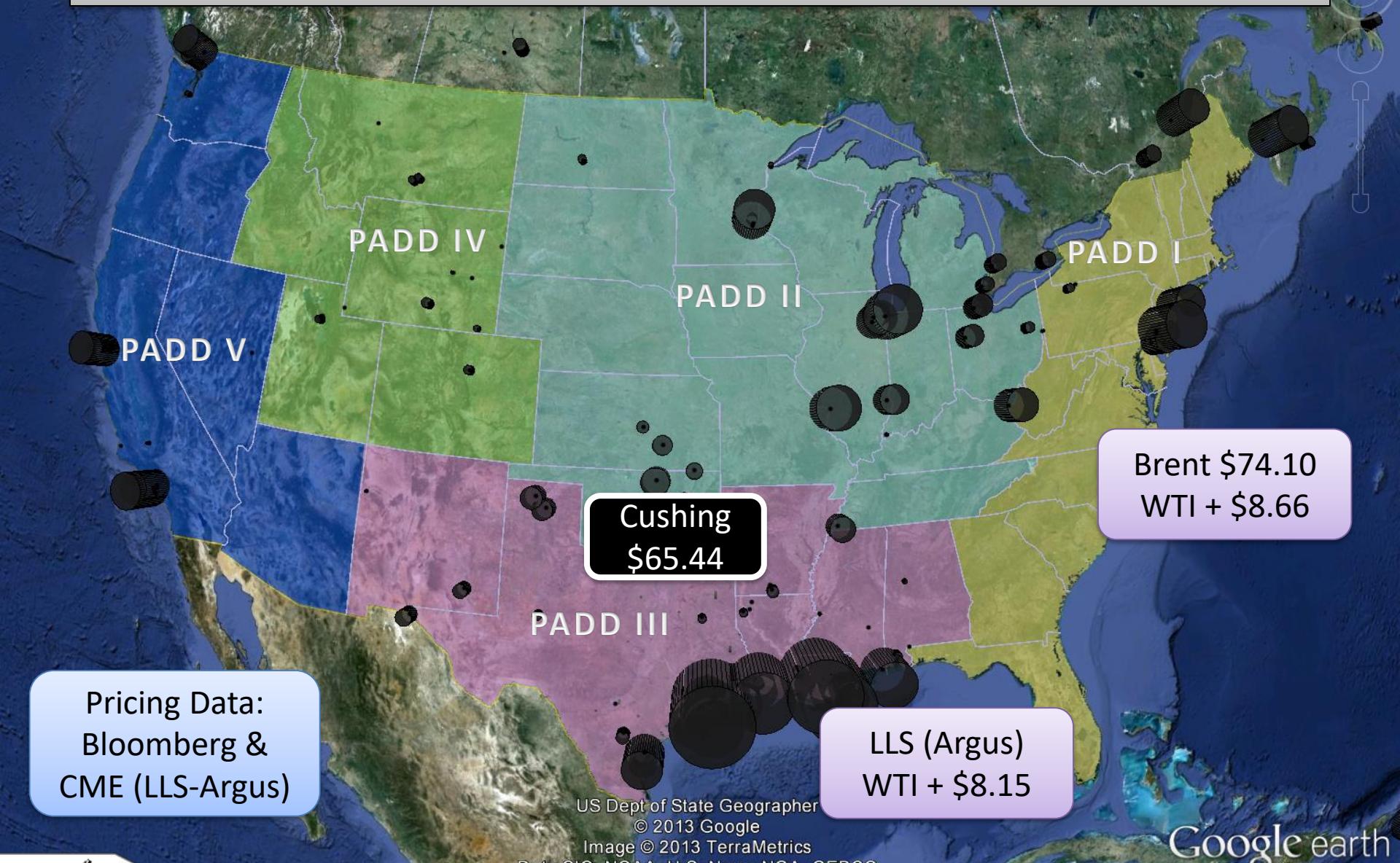
Rail Destinations Market Share (Mar 2018)



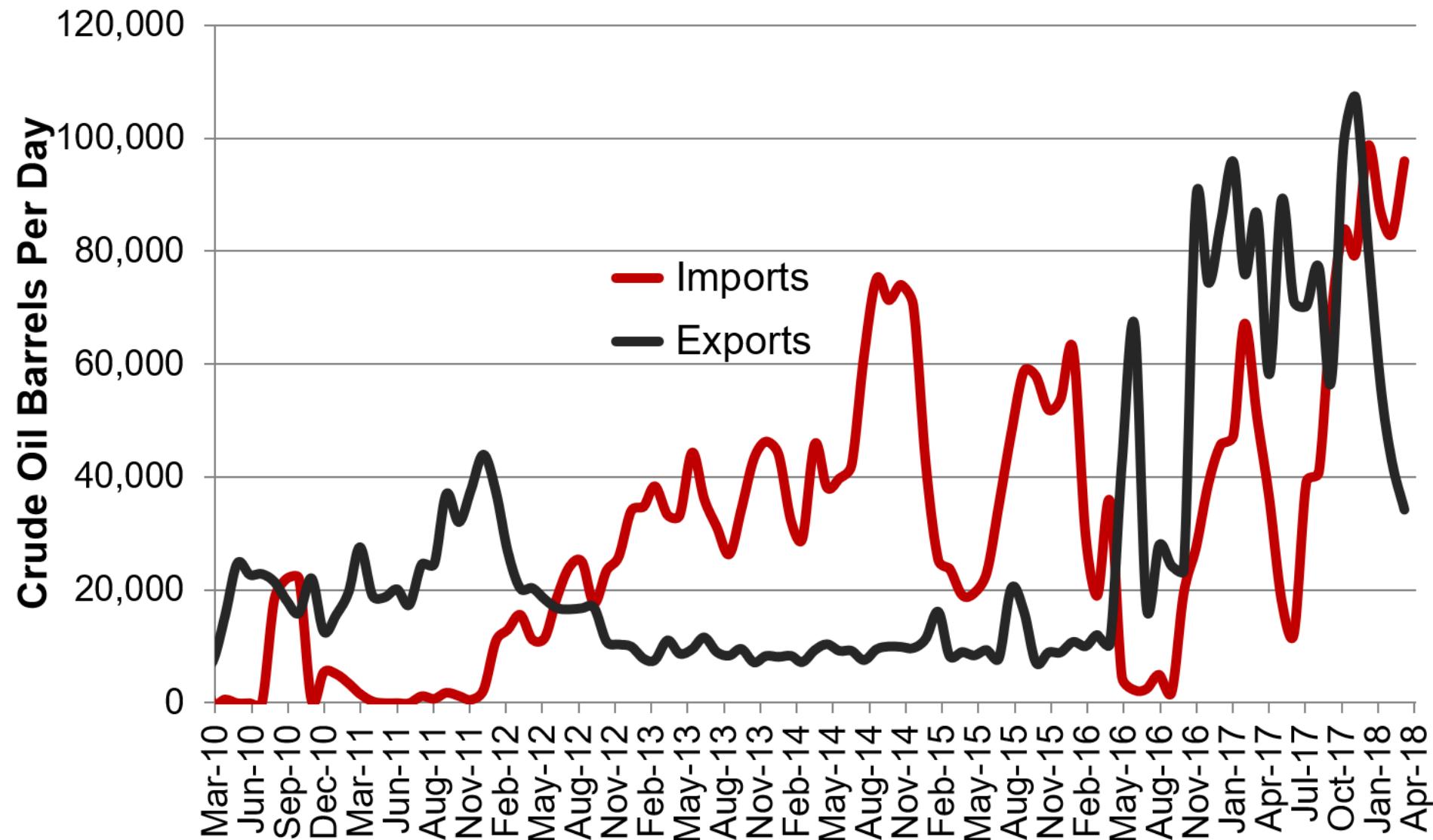
Major Rail Lines and Refineries



Crude Oil Prices – June 15, 2018



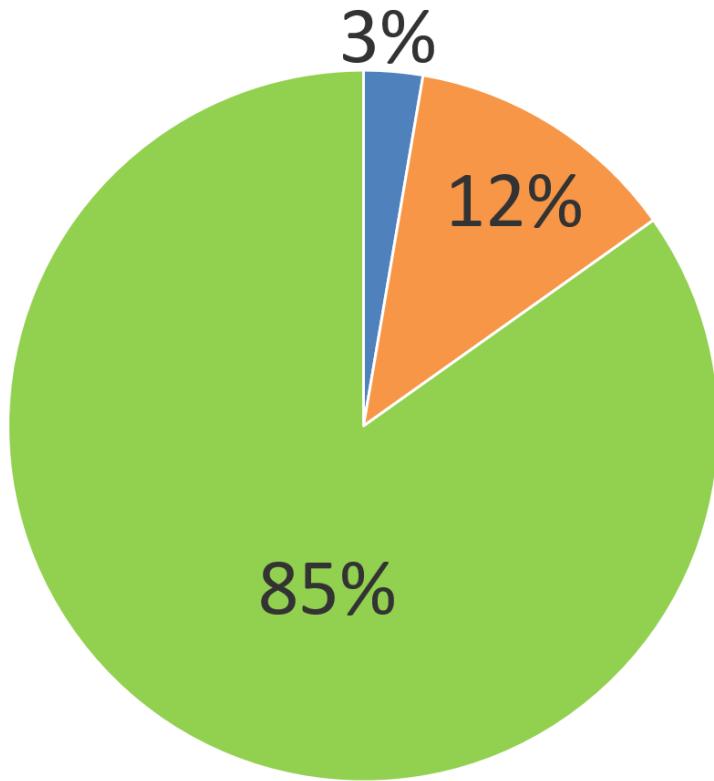
Williston Basin Truck Imports and Exports with Canada



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

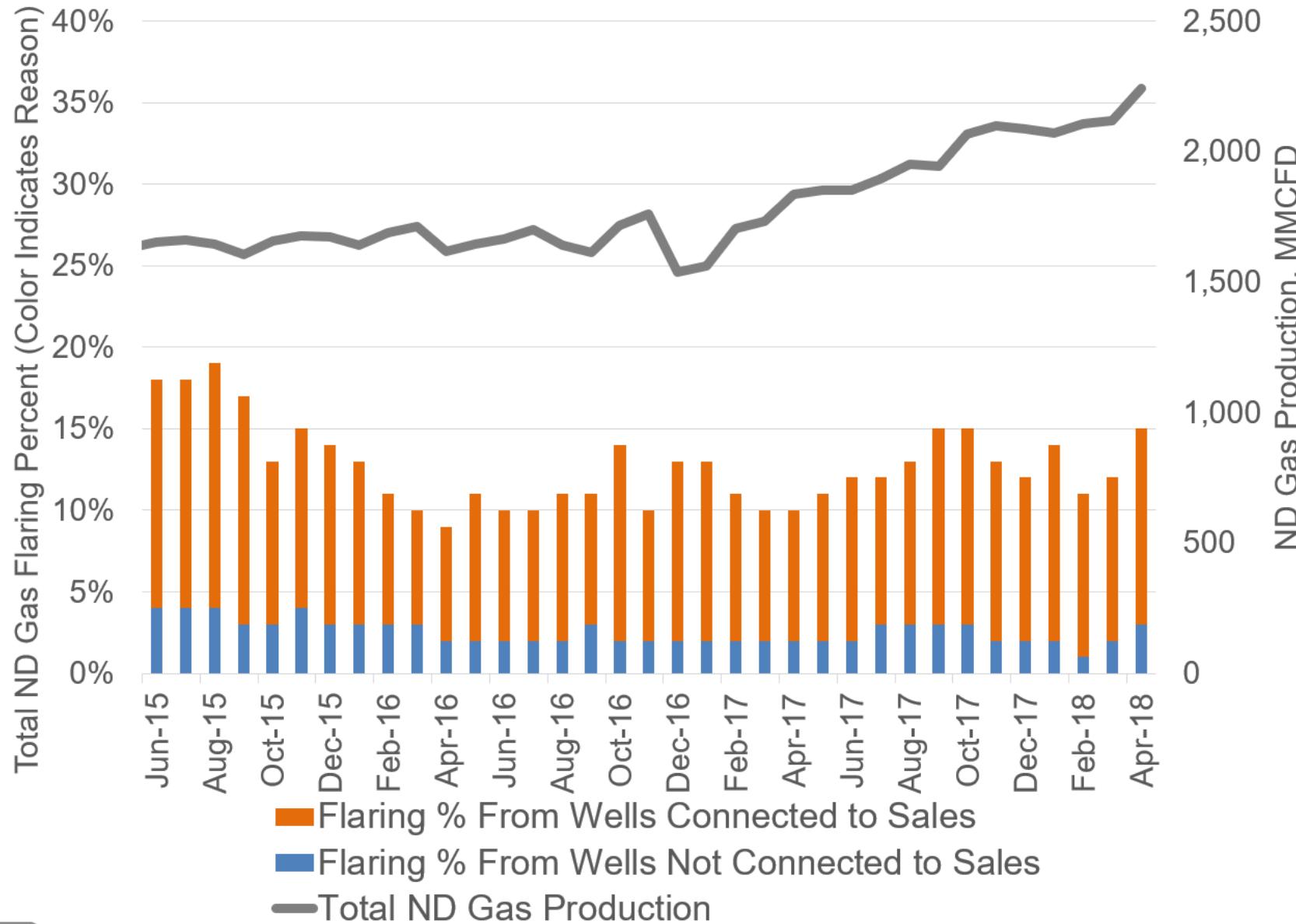
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Statewide

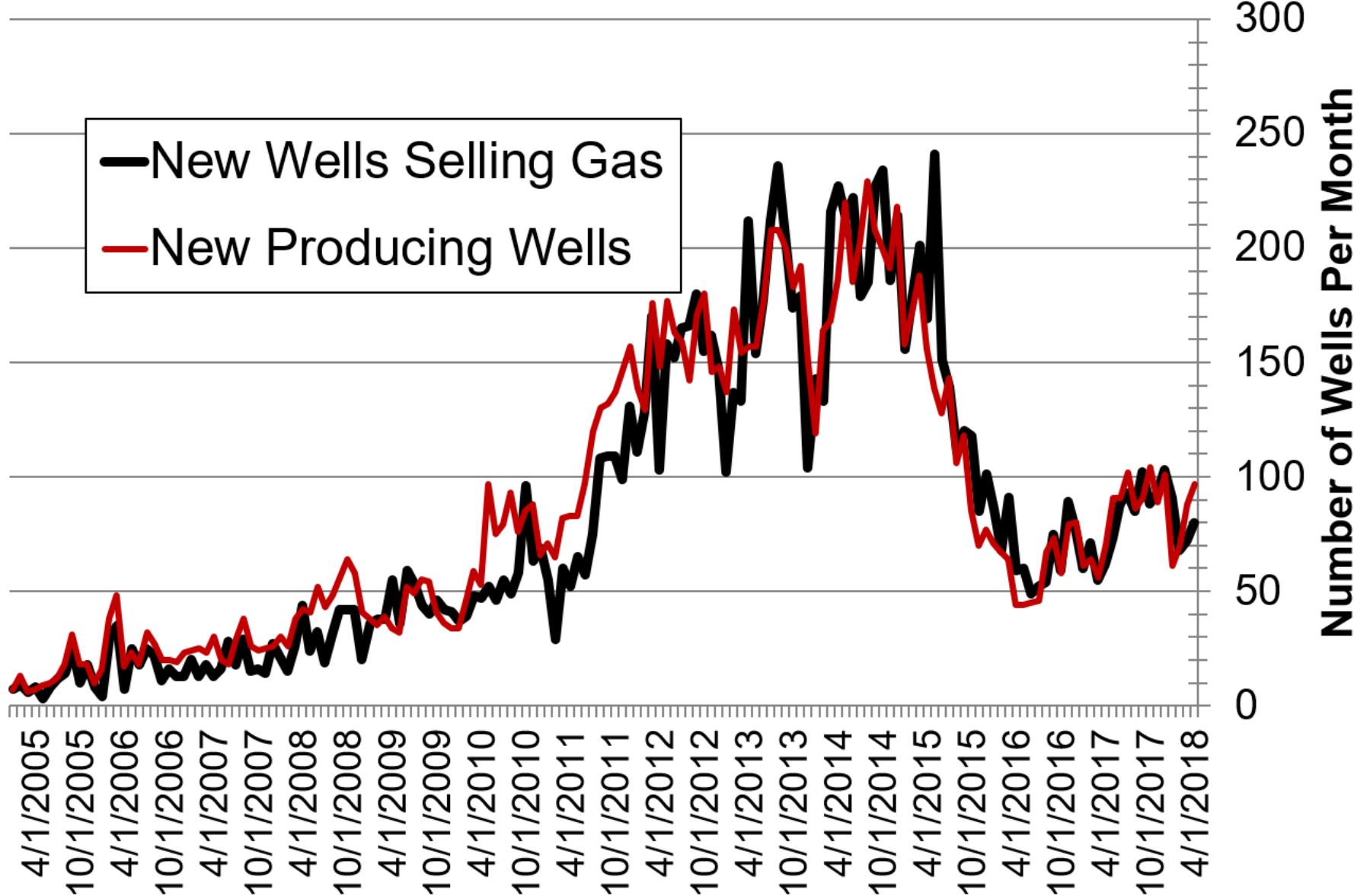
April 2018 Data – Non-Confidential Wells



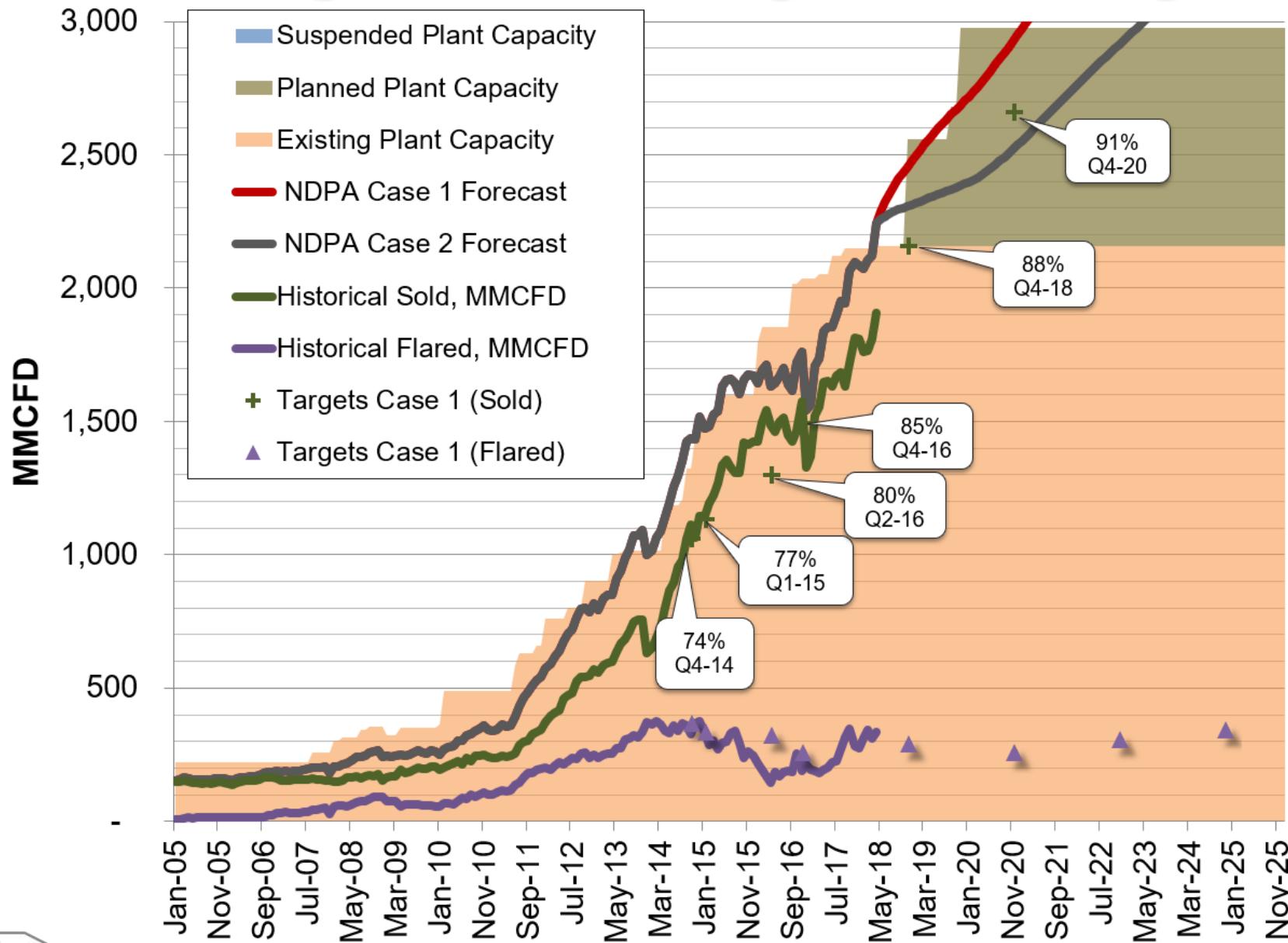
Solving the Flaring Challenge



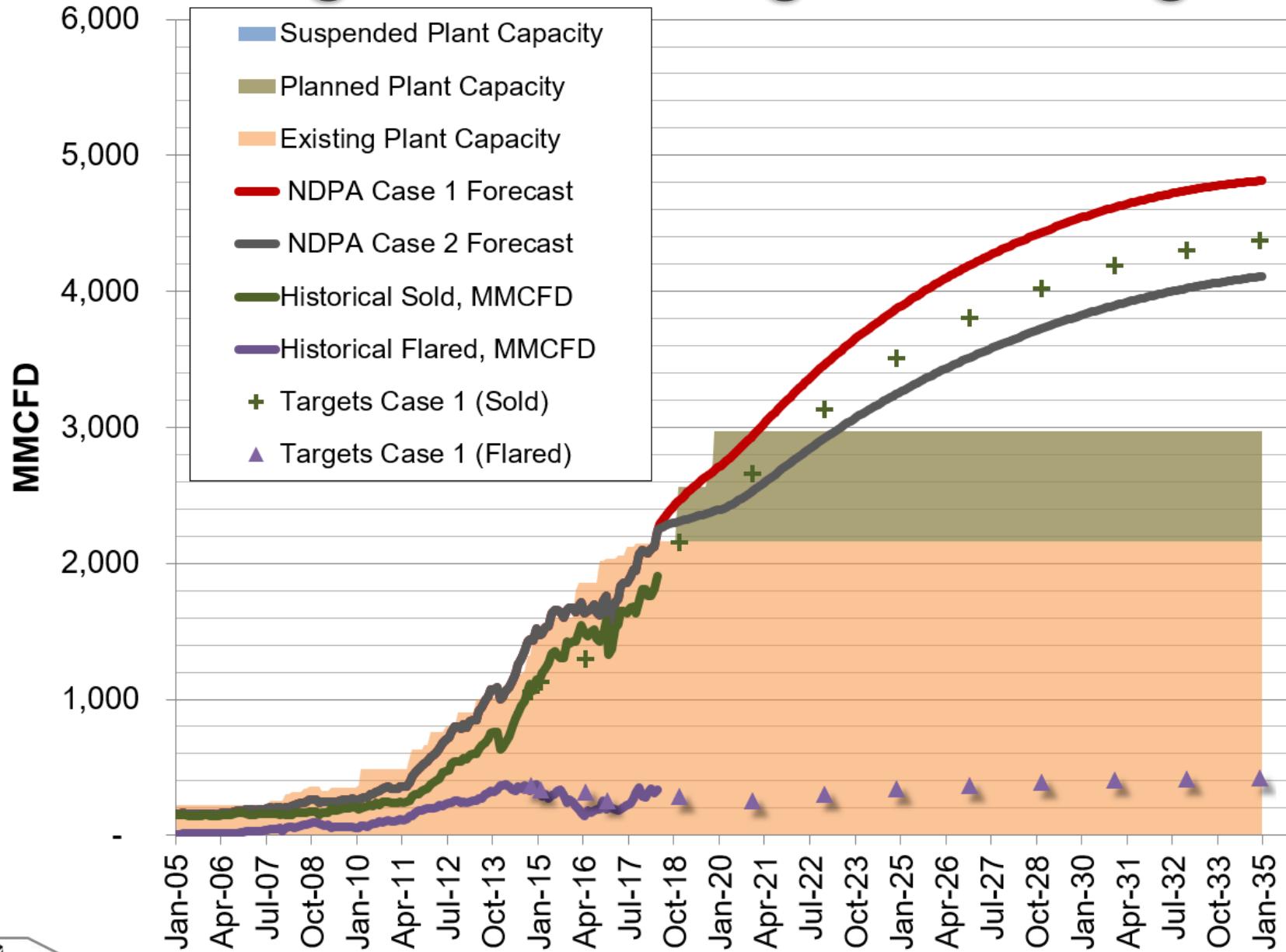
Solving the Flaring Challenge



Solving the Flaring Challenge



Solving the Flaring Challenge



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



JJ Kringstad - North Dakota Pipeline Authority

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