

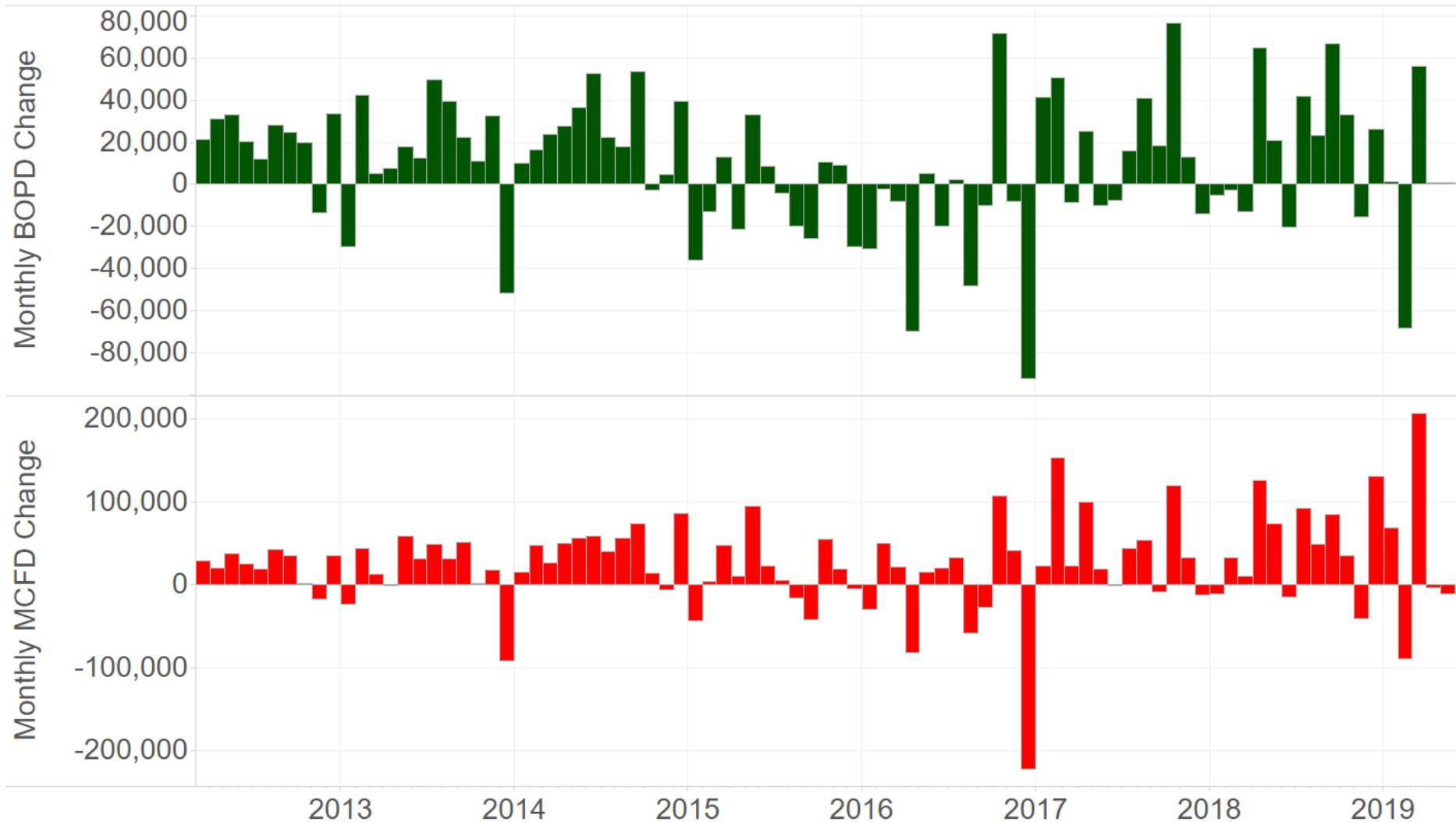
July 2019 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
July 16, 2019

US Williston Basin Oil Production - 2019

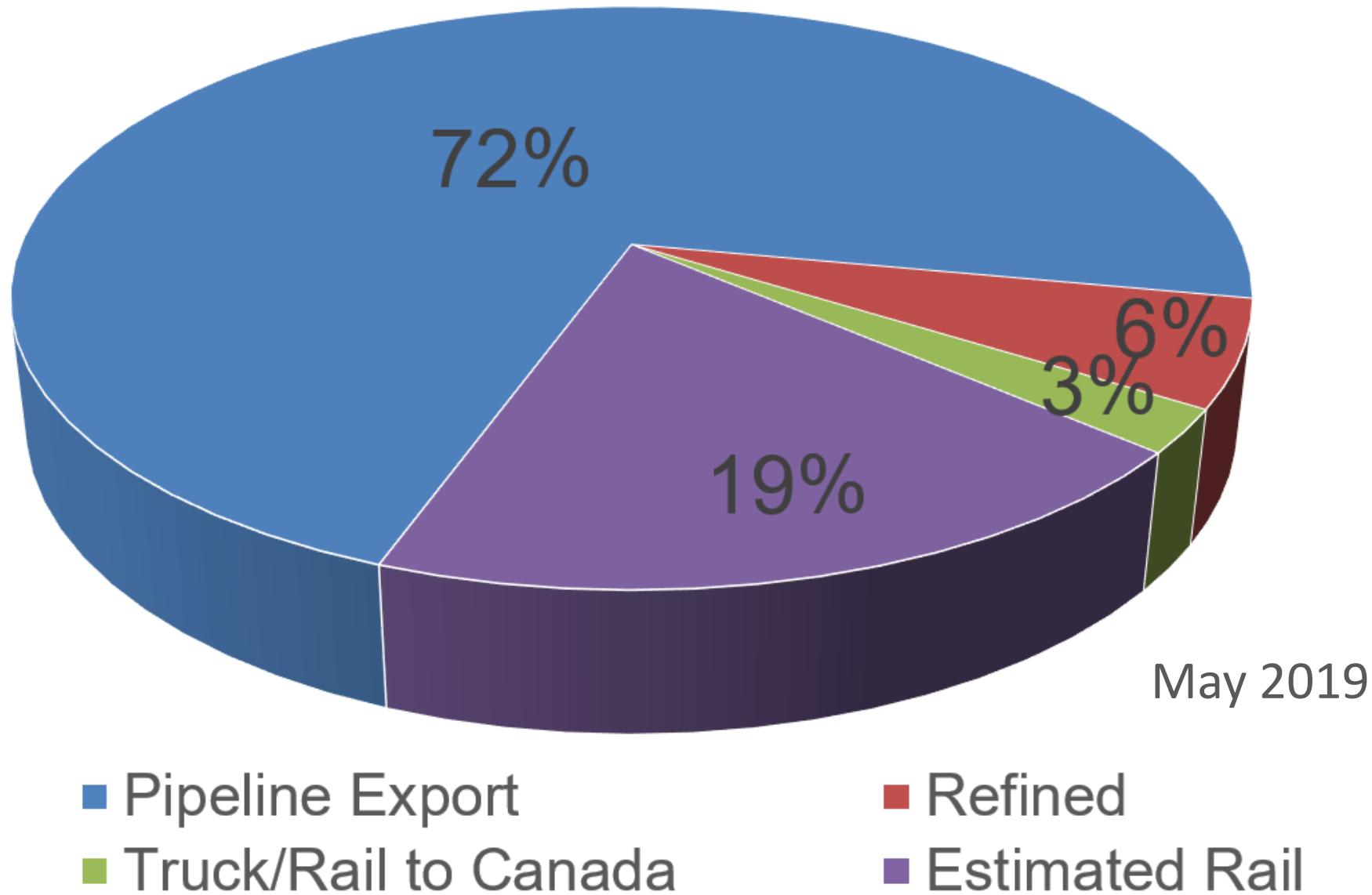
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,403,844	57,534	3,276	1,464,654
February	1,336,633	54,581	3,339	1,394,553
March	1,391,760	54,994	3,256	1,450,010
April	1,392,485	48,761	3,231	1,444,477
May	1,393,284			
June				
July				
August				
September				
October				
November				
December				



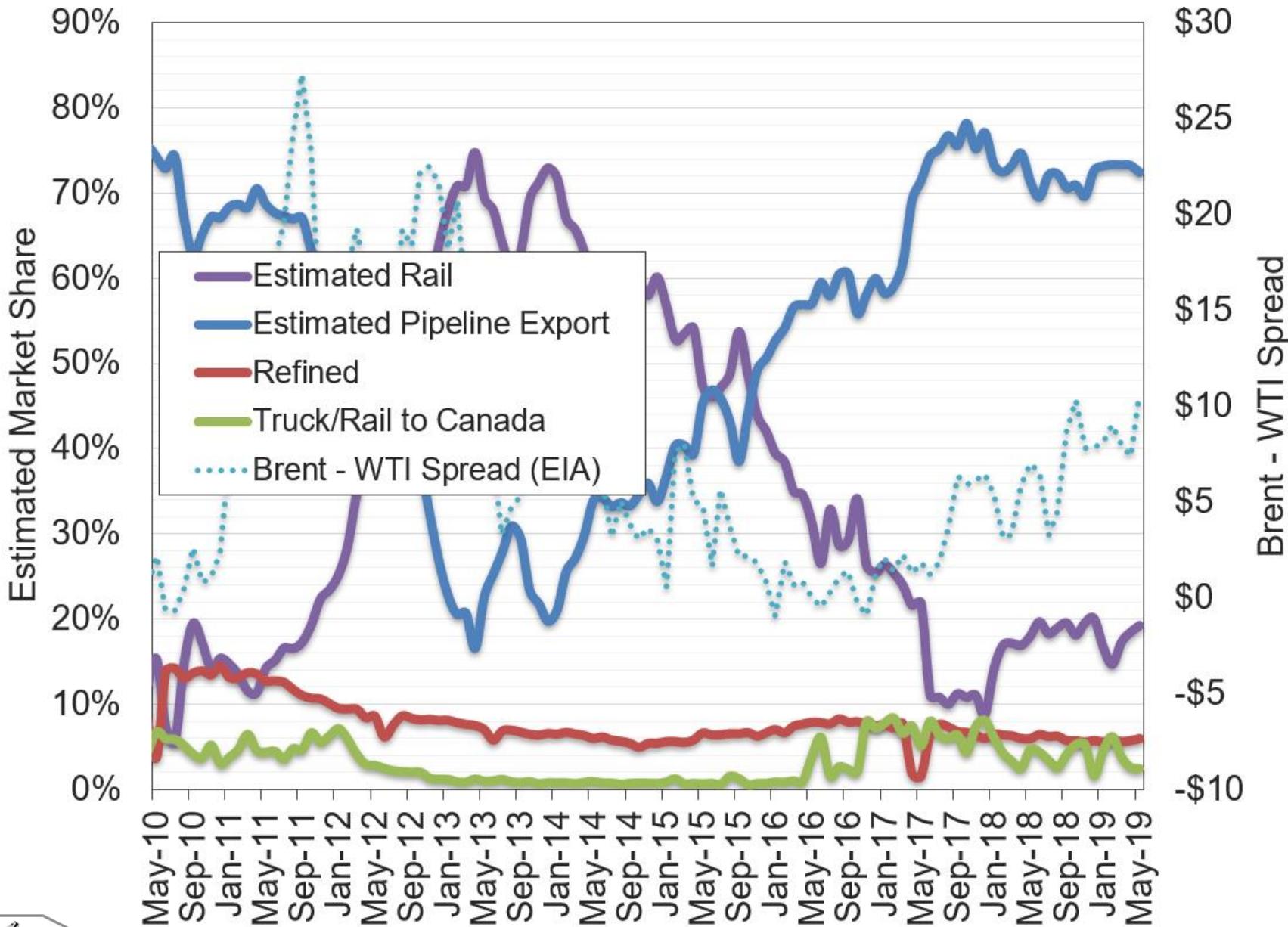
Monthly Production Change



Estimated Williston Basin Oil Transportation



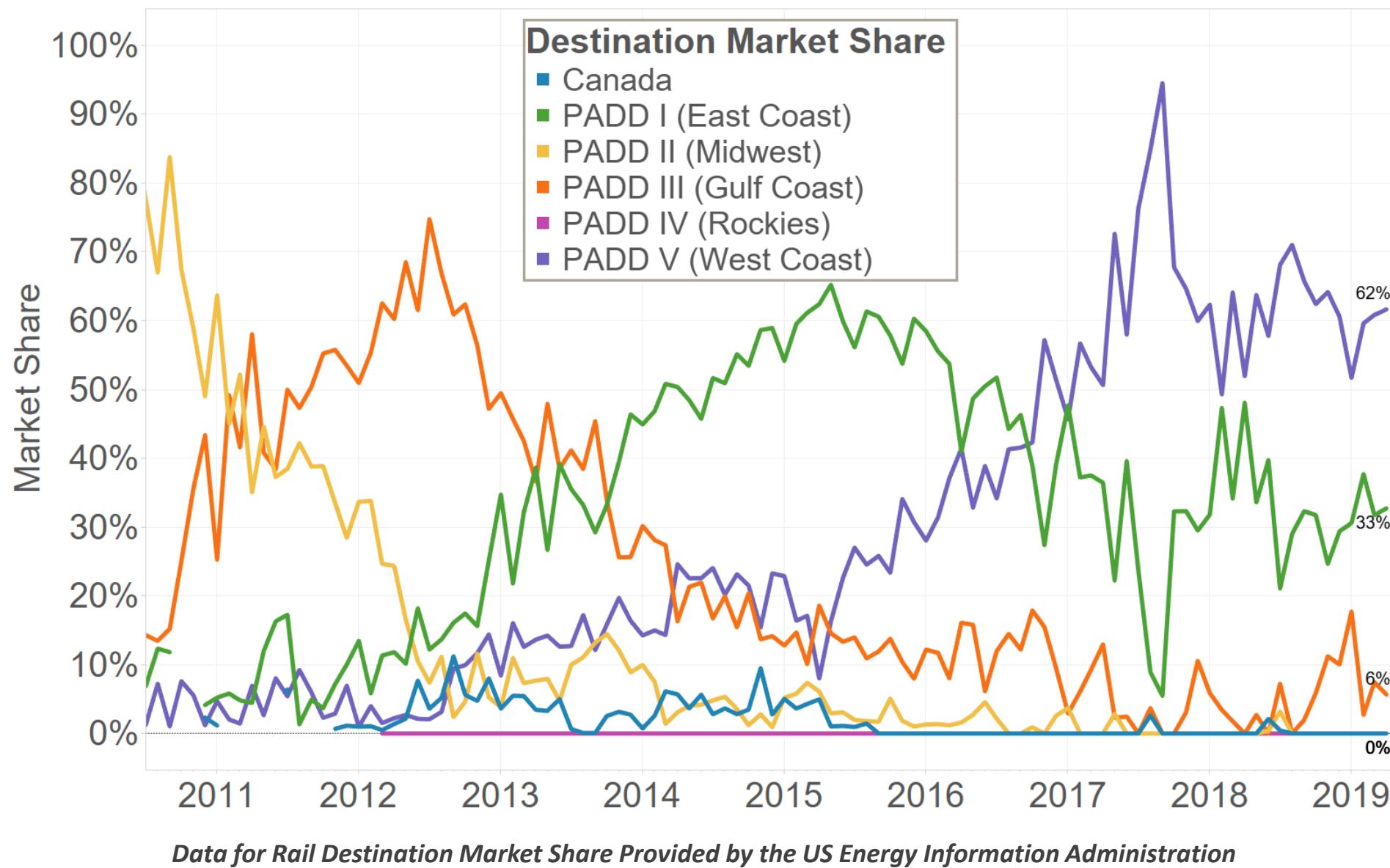
Estimated Williston Basin Oil Transportation



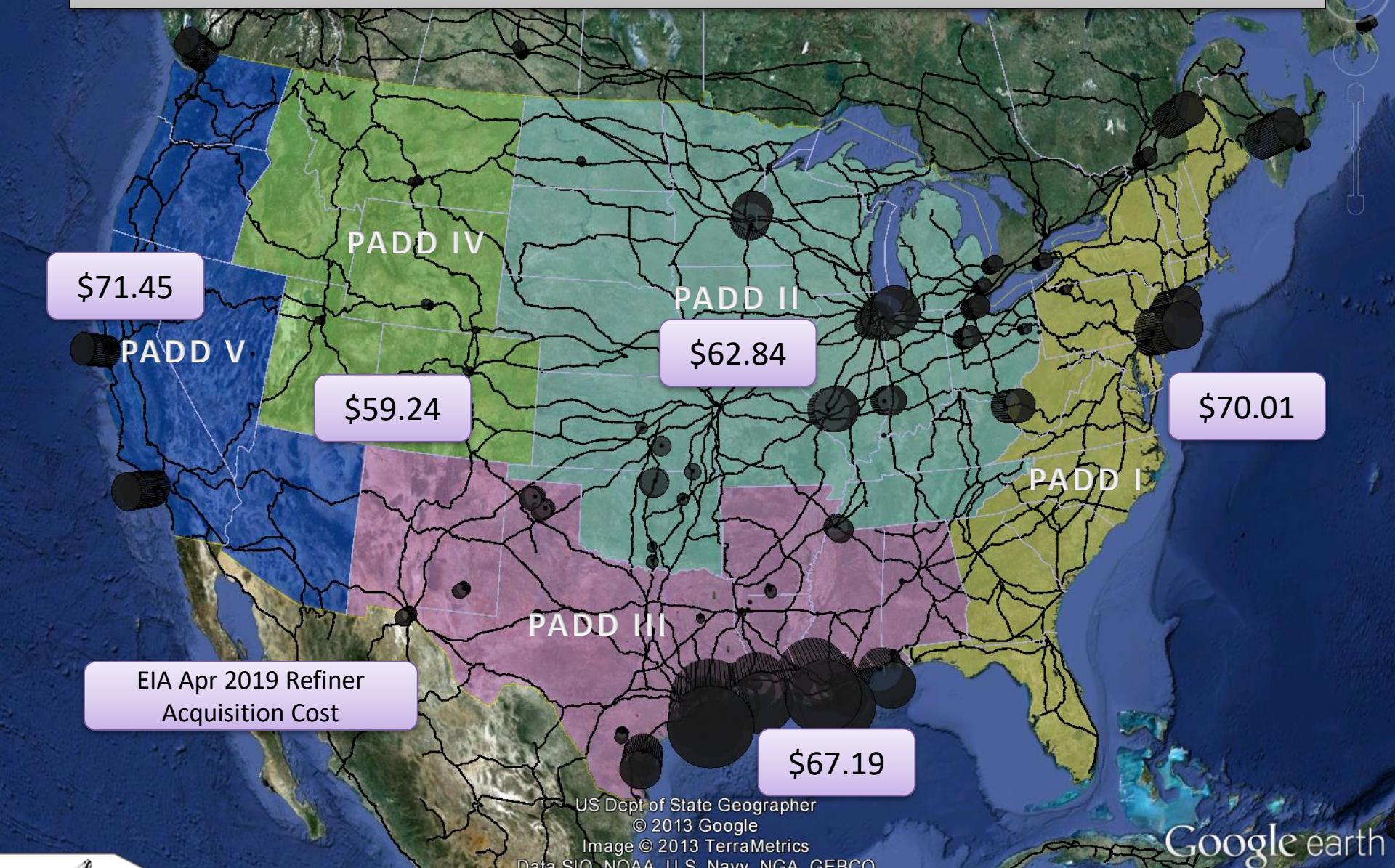
Estimated ND Rail Export Volumes



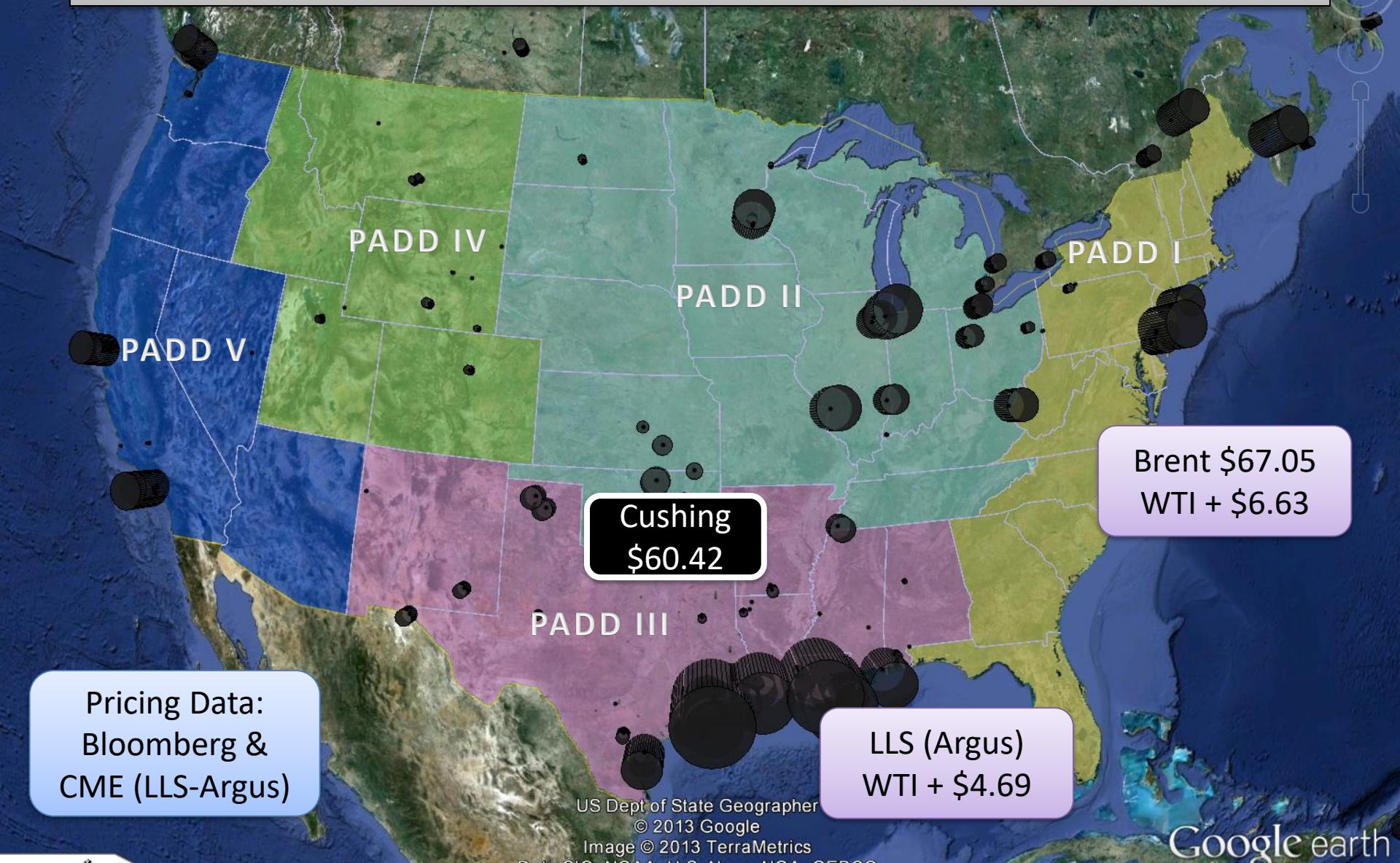
Rail Destinations Market Share (Apr. 2019)



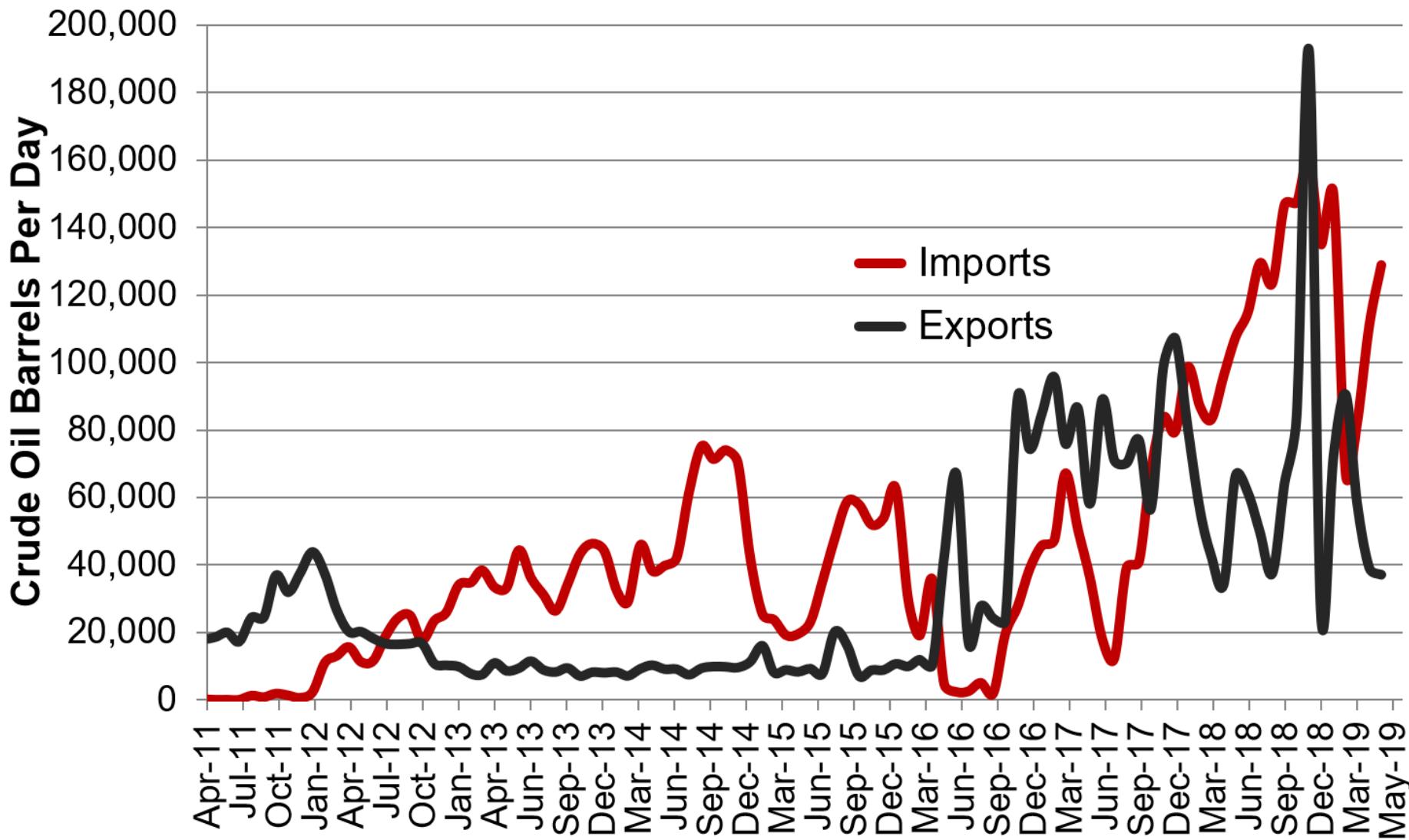
Major Rail Lines and Refineries



Crude Oil Prices – July 15, 2019



Williston Basin Truck/Rail Imports and Exports with Canada

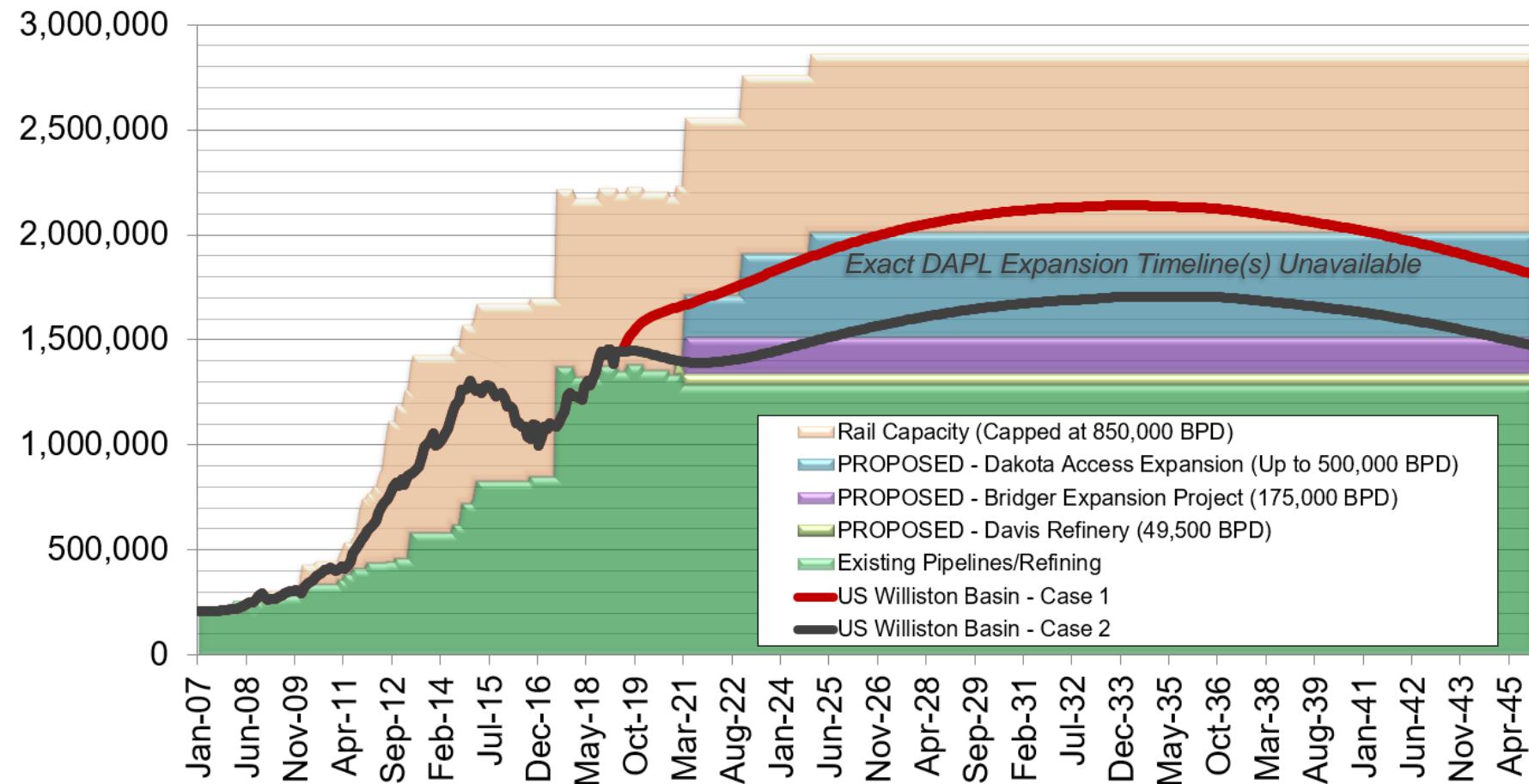


Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.



Williston Basin Oil Production & Export Capacity, BOPD

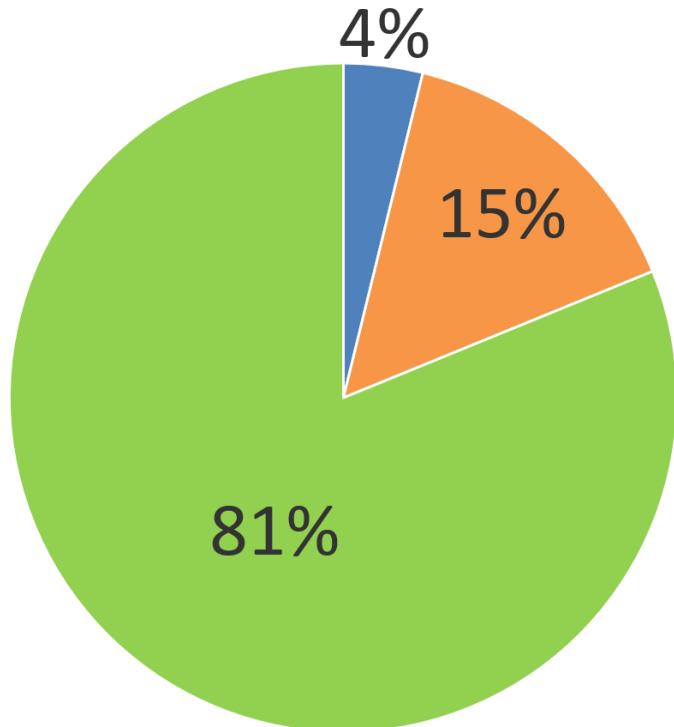
Assumes Current Technology – Enhanced Oil Recovery Not Included



Production forecast is for visual demonstration purposes only and should not be considered accurate for any near or long term planning.



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

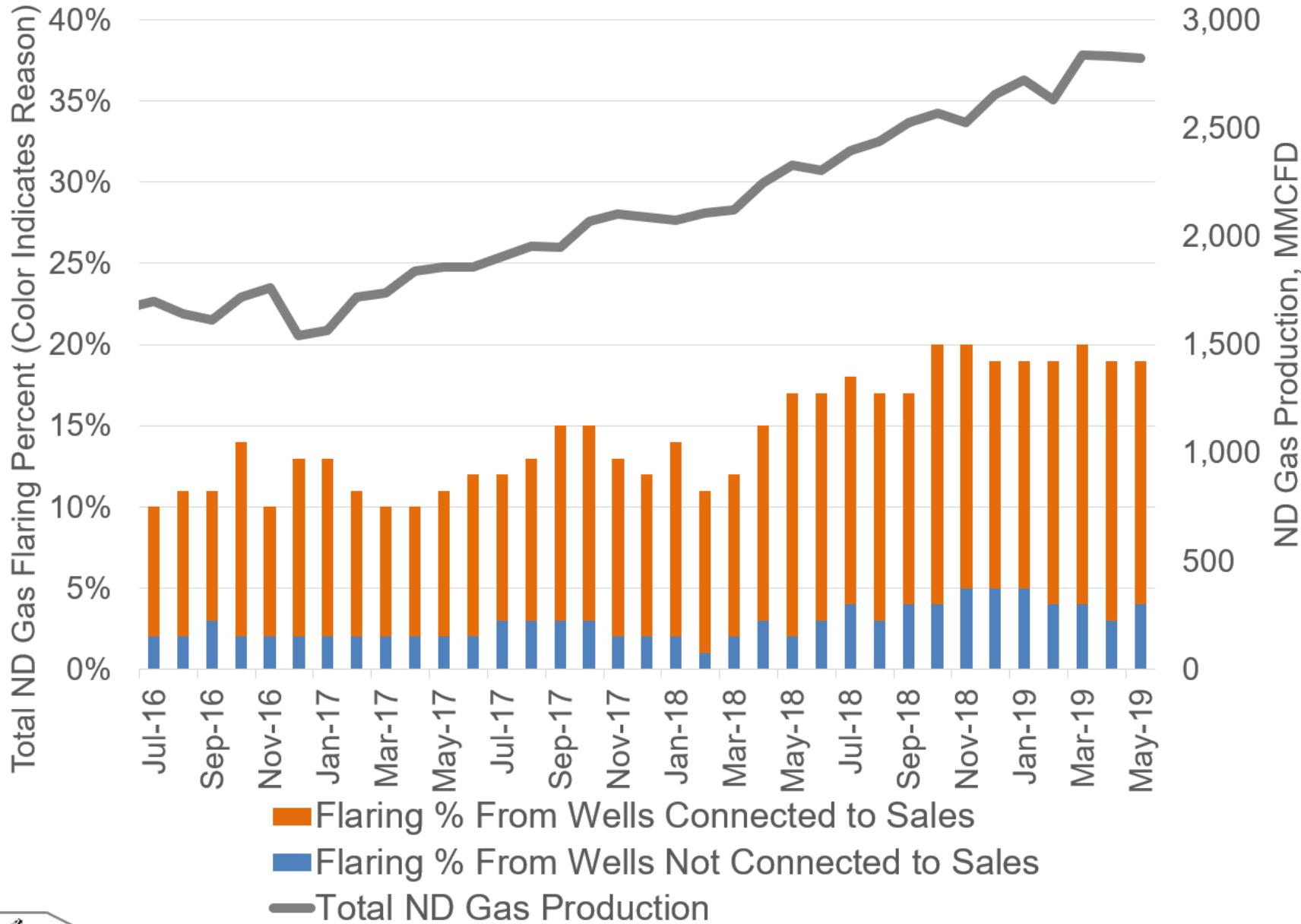
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Statewide

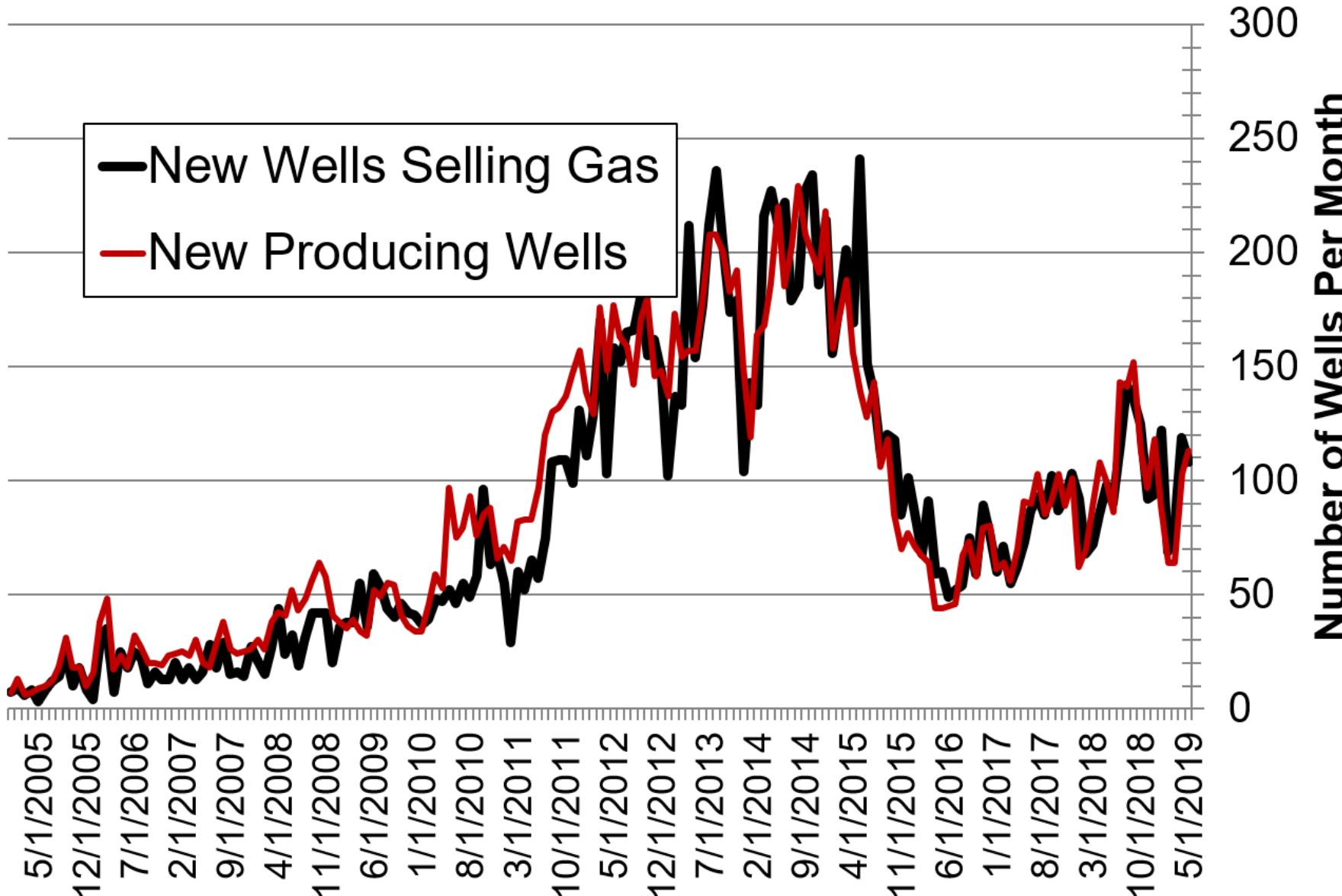
May 2019 Data – Non-Confidential Wells



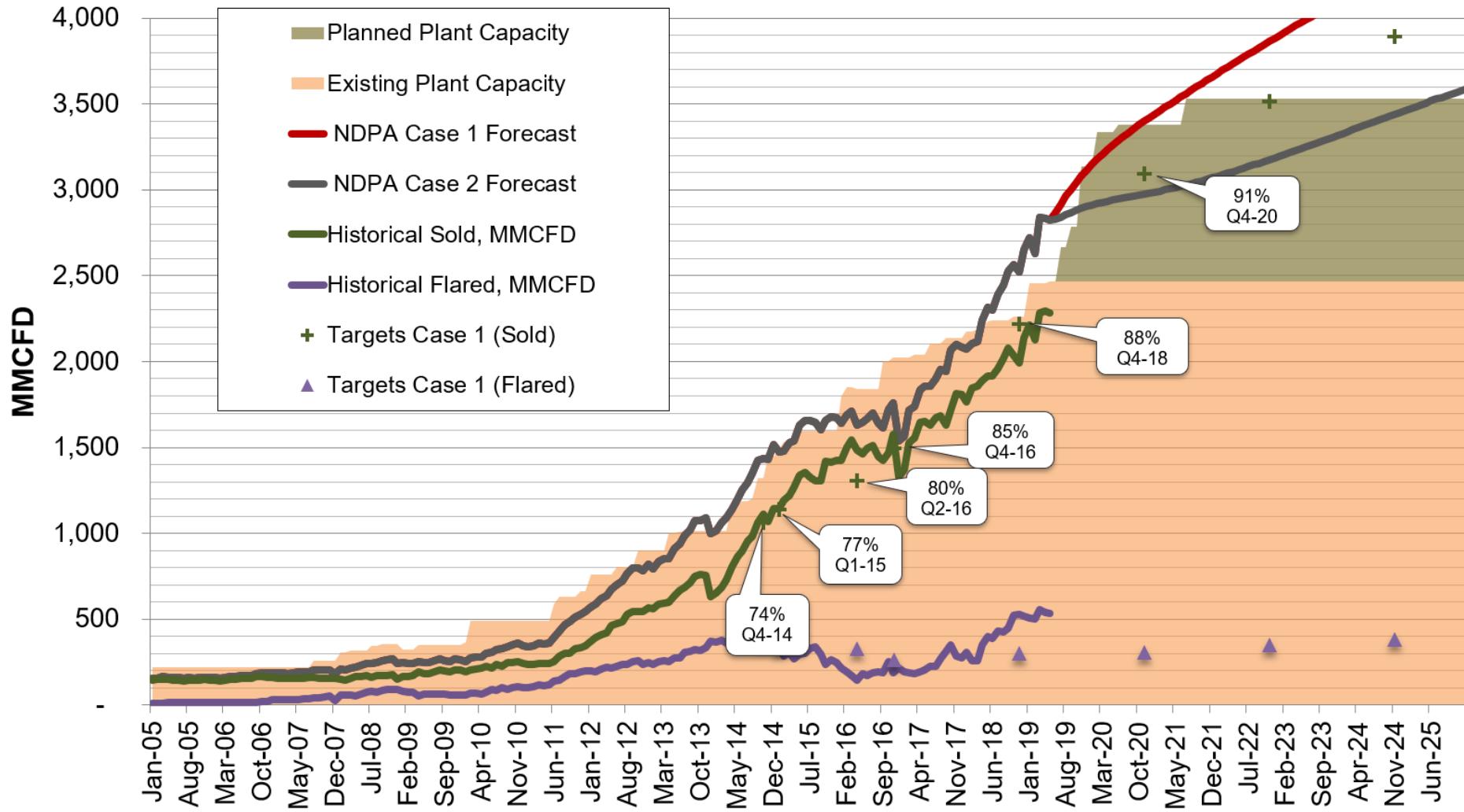
Solving the Flaring Challenge



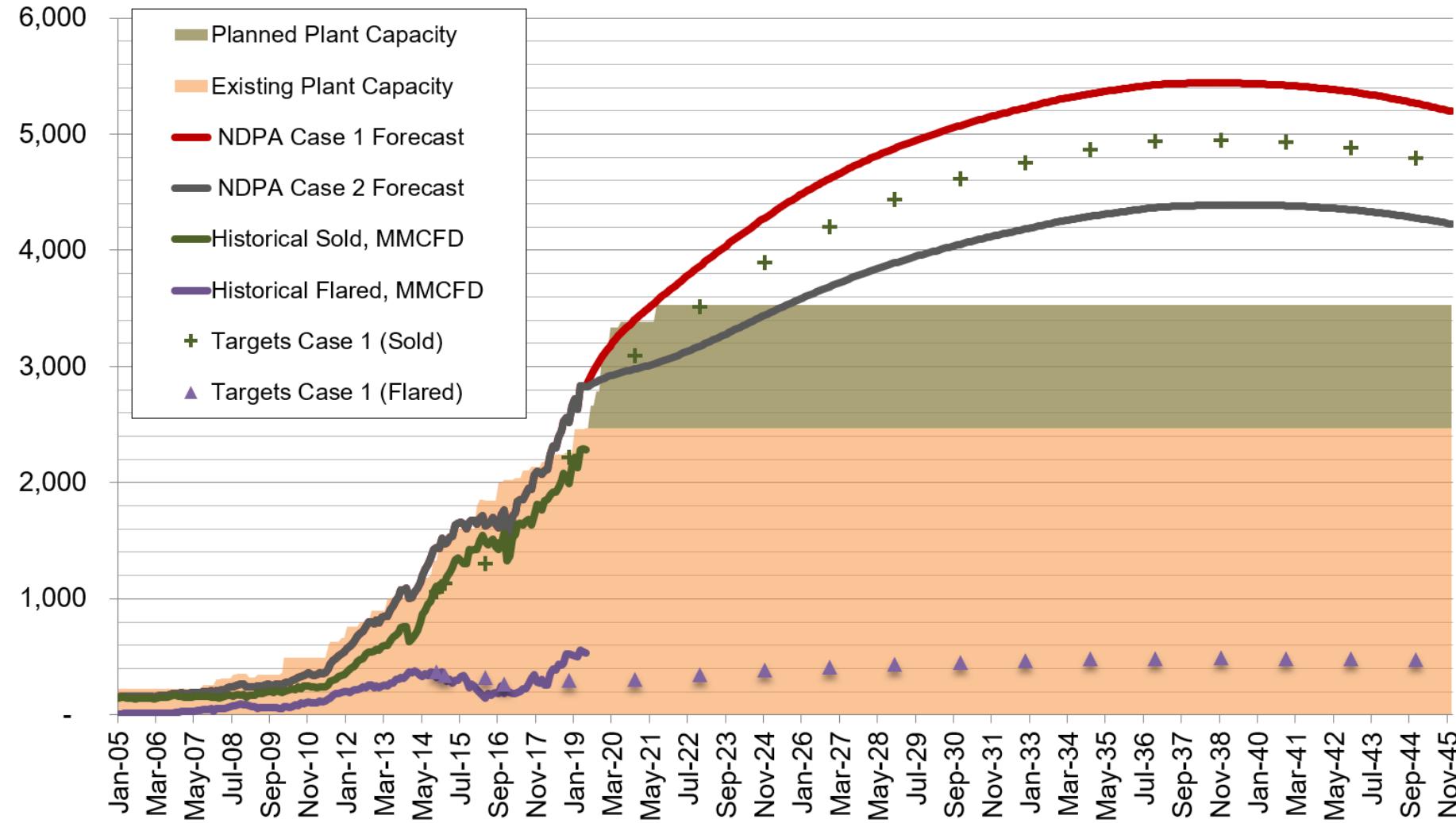
Solving the Flaring Challenge



Solving the Flaring Challenge



Solving the Flaring Challenge



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**Know what's below.
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JJ Kringstad - North Dakota Pipeline Authority

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