



**June 2019 Monthly Update**  
**North Dakota Pipeline Authority**  
**Justin J. Kringstad**  
**June 14, 2019**

# US Williston Basin Oil Production - 2019

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,403,810	57,528	3,276	1,464,614
February	1,335,591	54,578	3,339	1,393,508
March	1,391,760	52,464	3,256	1,447,480
April	1,391,188		3,231	
May				
June				
July				
August				
September				
October				
November				
December				

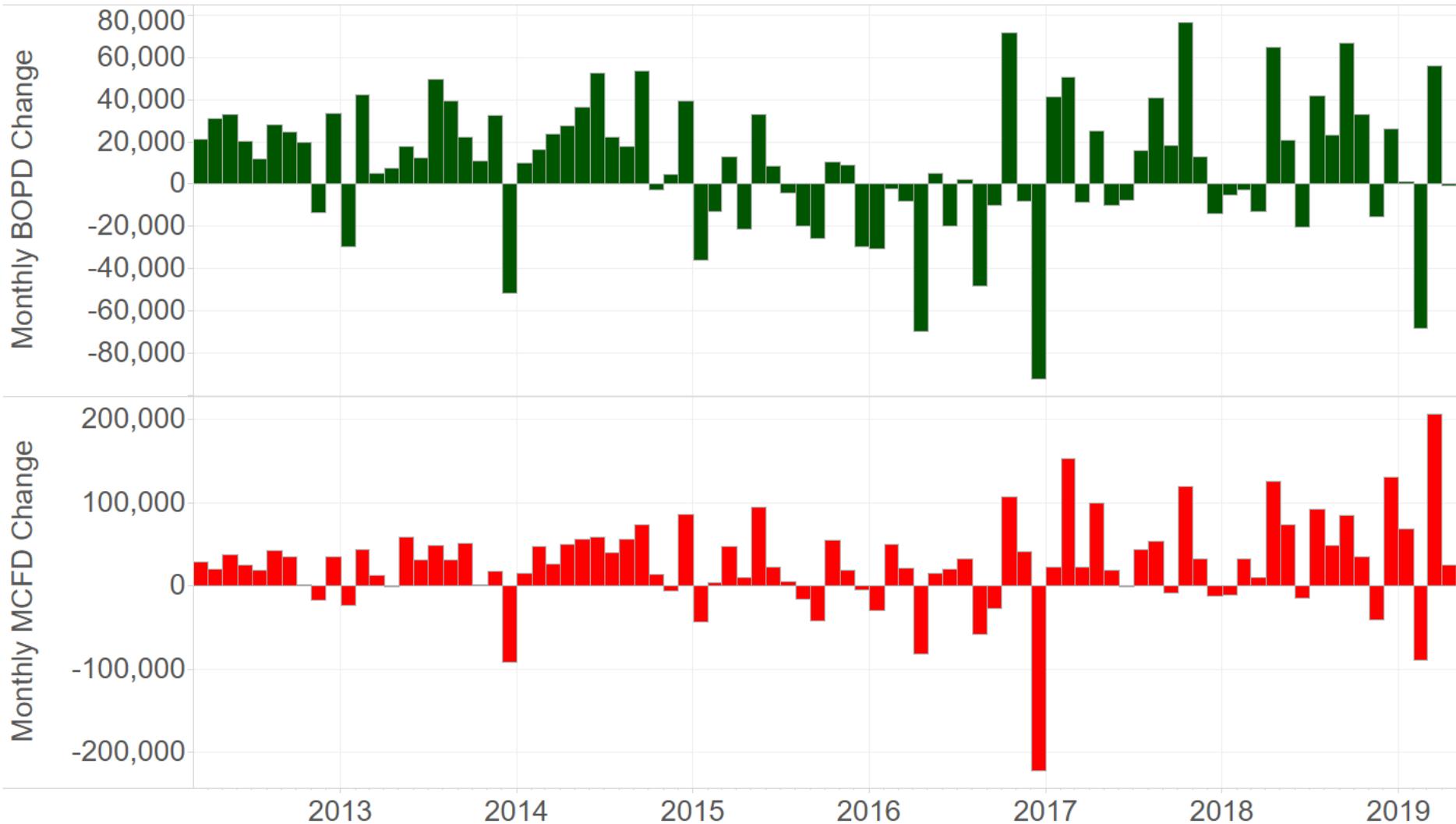


# US Williston Basin Oil Production - 2018

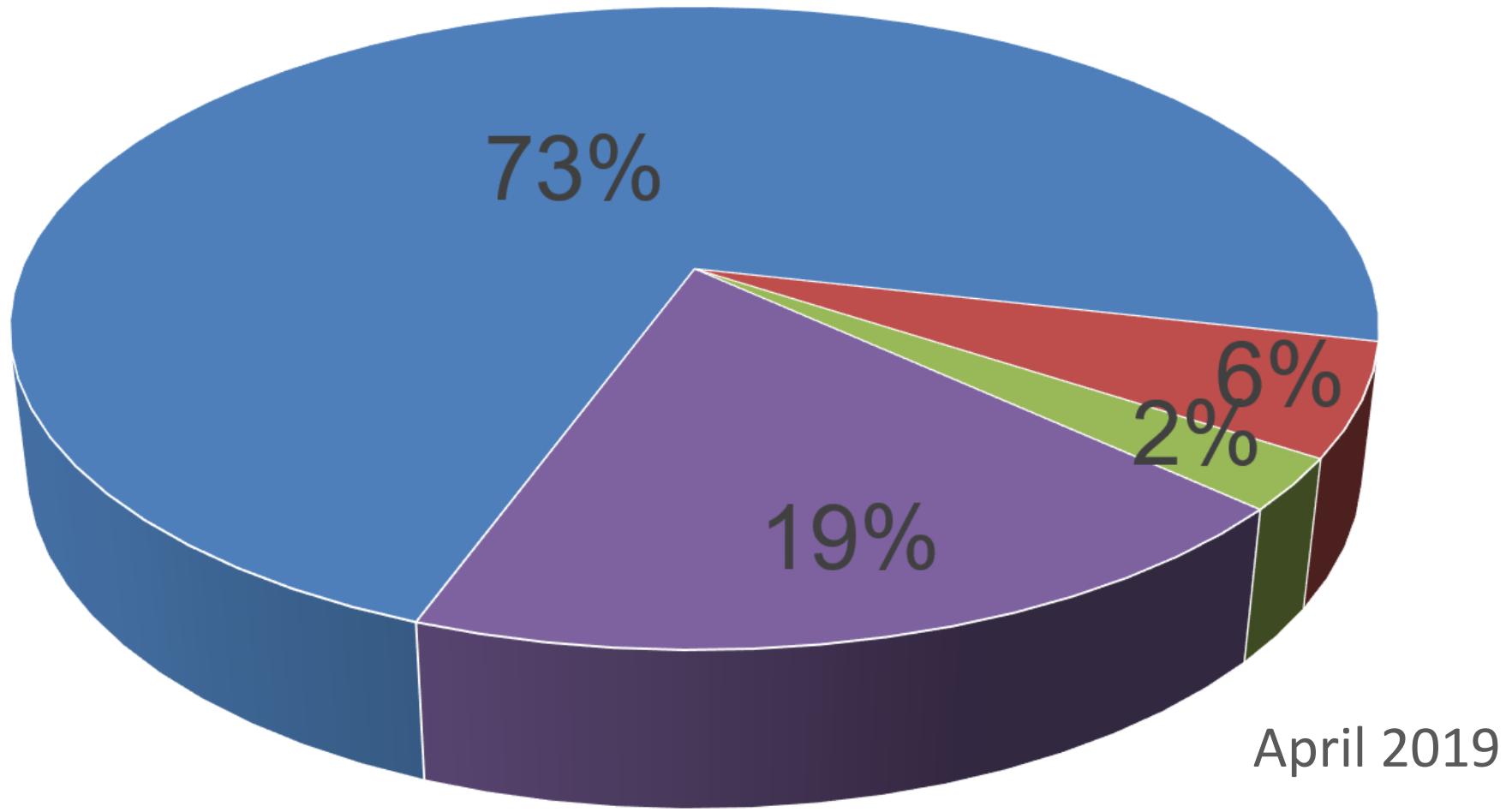
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,177,590	50,127	3,555	1,231,272
February	1,175,035	50,900	3,628	1,229,563
March	1,162,091	49,892	3,502	1,215,485
April	1,226,879	52,415	3,515	1,282,809
May	1,247,680	53,733	3,471	1,304,884
June	1,231,099	53,994	3,452	1,288,545
July	1,269,212	53,155	3,396	1,325,763
August	1,292,457	57,018	3,485	1,352,960
September	1,359,238	57,255	3,487	1,419,980
October	1,392,407	56,149	3,386	1,451,942
November	1,376,803	58,724	3,339	1,438,866
December	1,401,385	58,587	3,233	1,463,205



# Monthly Production Change



# Estimated Williston Basin Oil Transportation

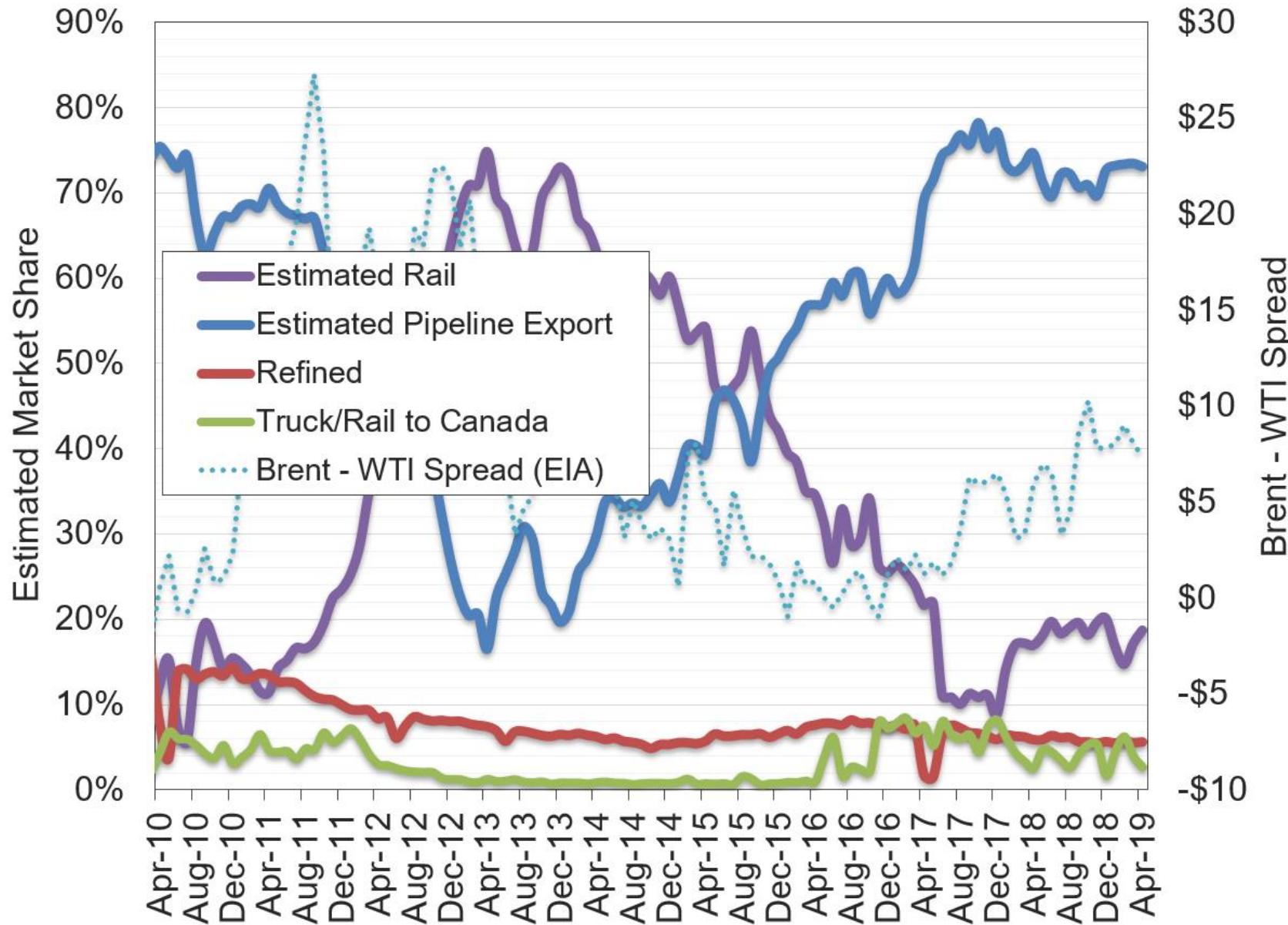


- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail



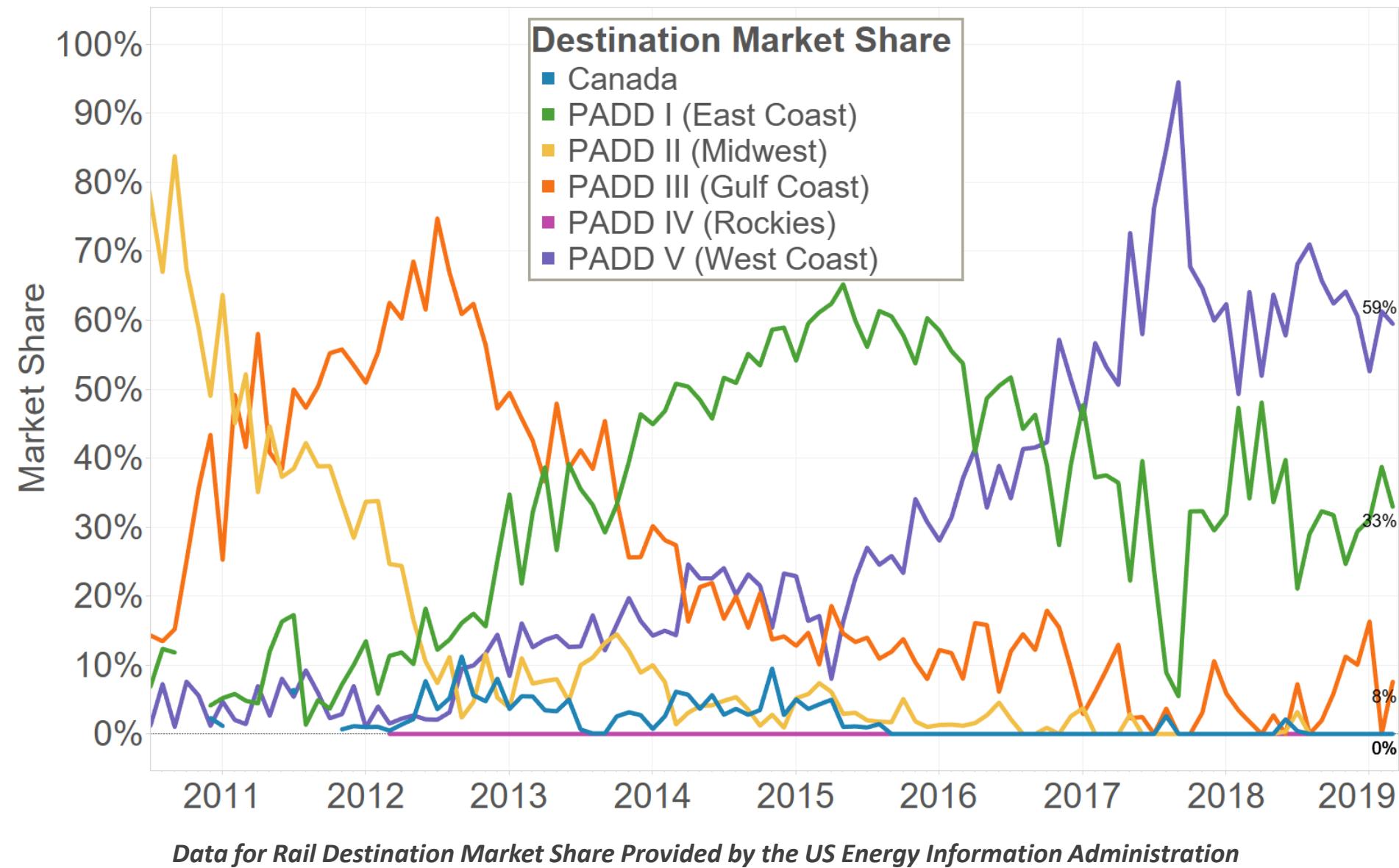
# Estimated Williston Basin Oil Transportation



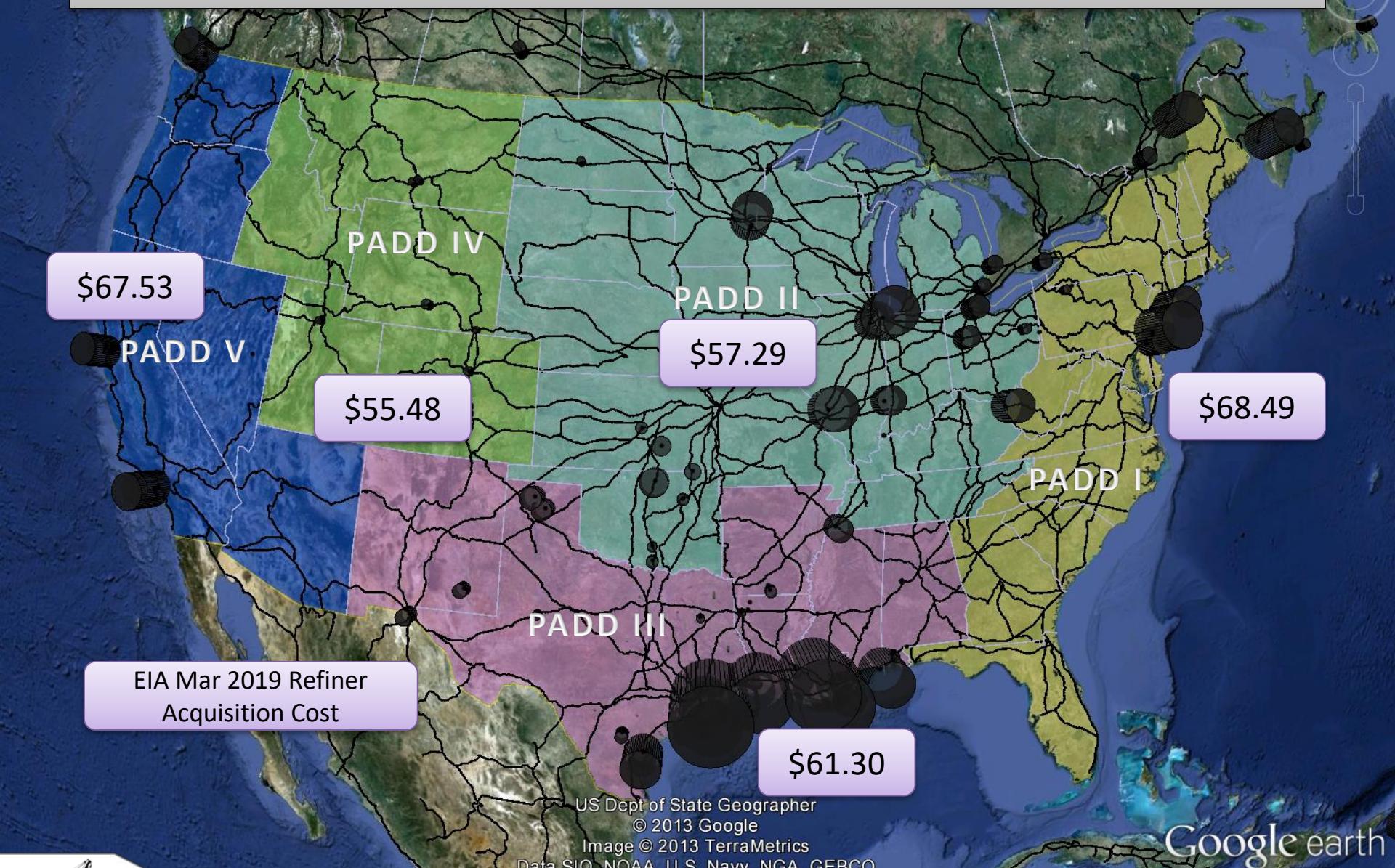
# Estimated ND Rail Export Volumes



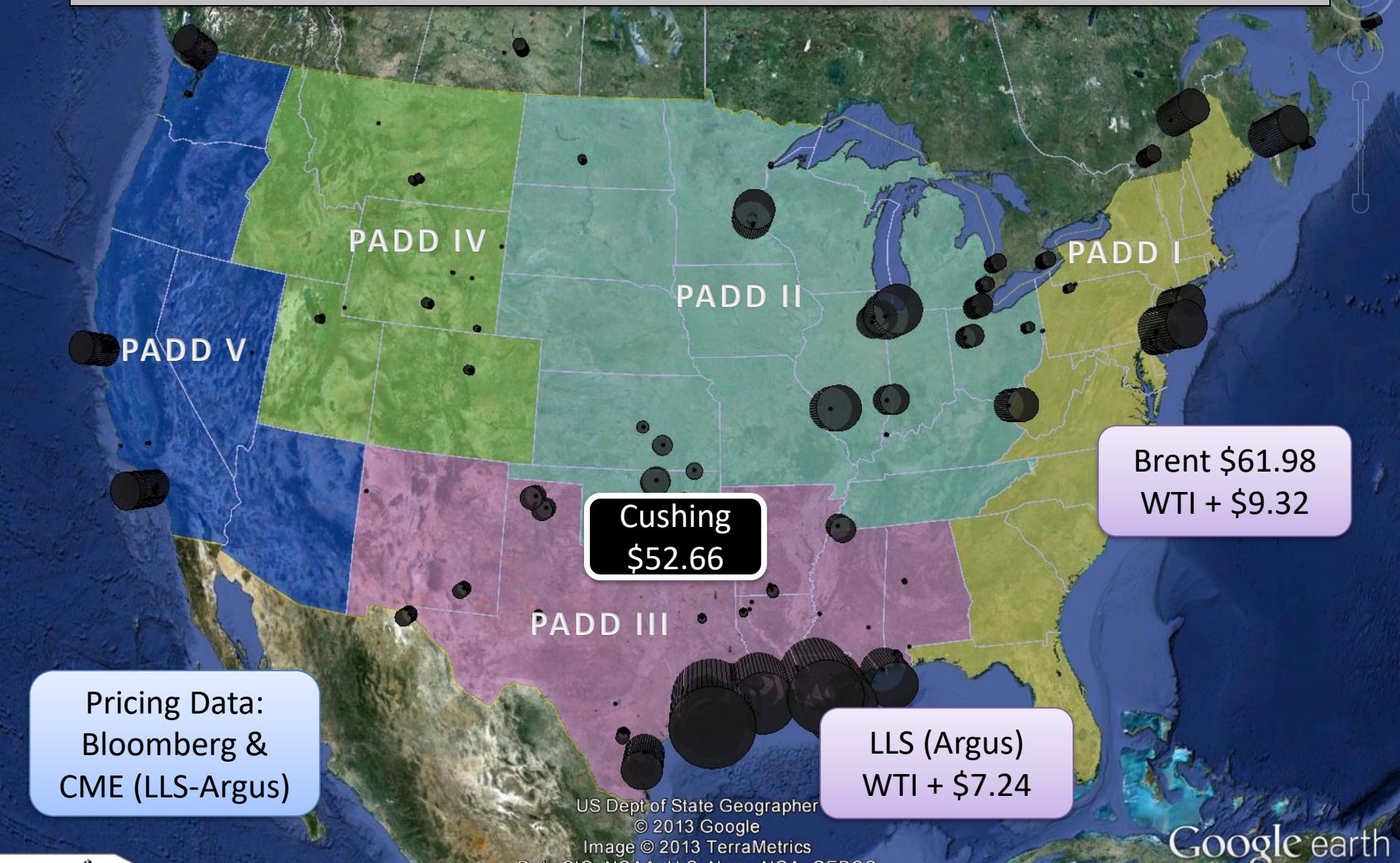
# Rail Destinations Market Share (Mar. 2019)



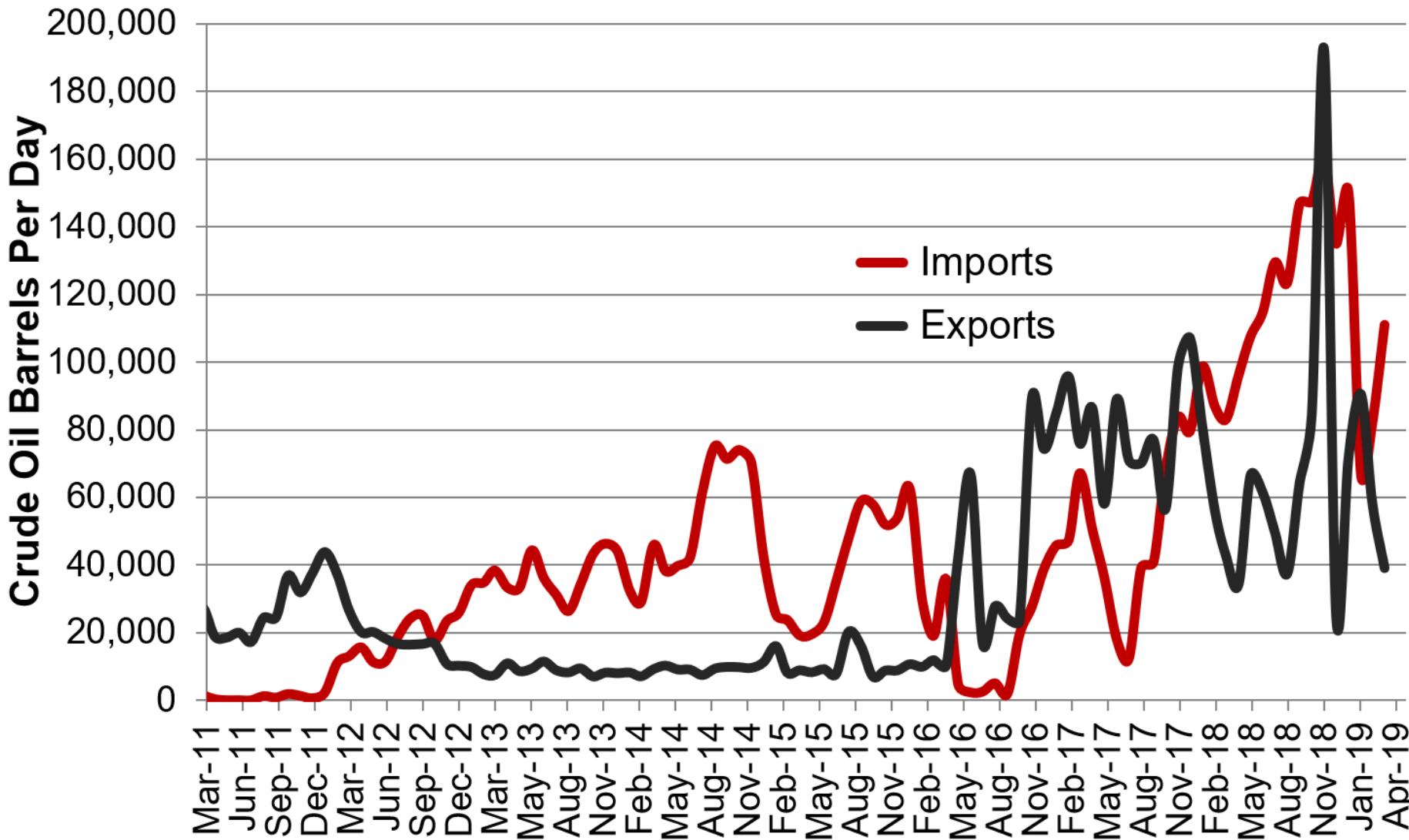
# Major Rail Lines and Refineries



# Crude Oil Prices – June 14, 2019



# Williston Basin Truck/Rail Imports and Exports with Canada

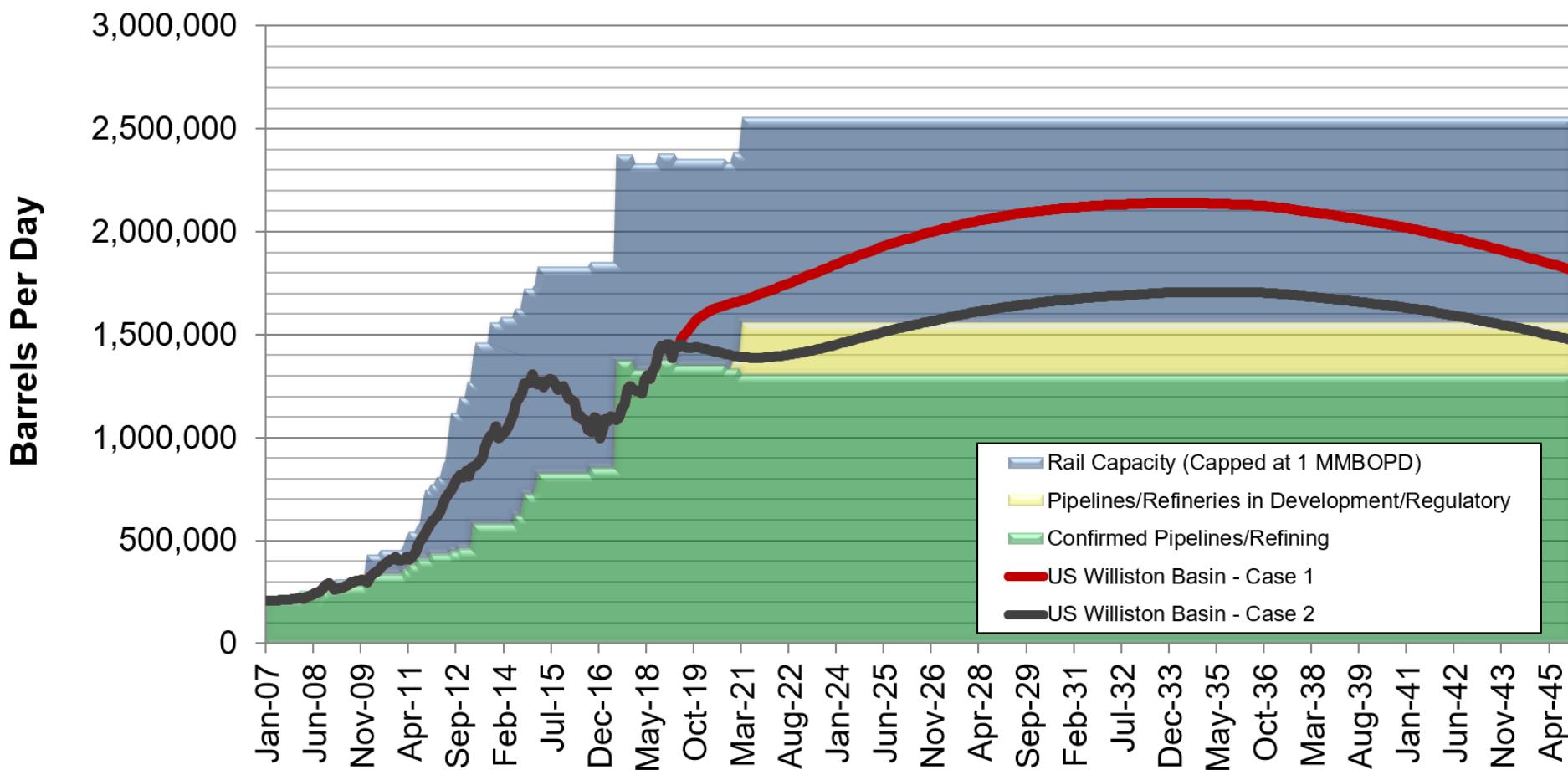


*Data for imports/exports chart is provided by the US International Trade Commission and represents traffic across US/Canada border in the Williston Basin area.*



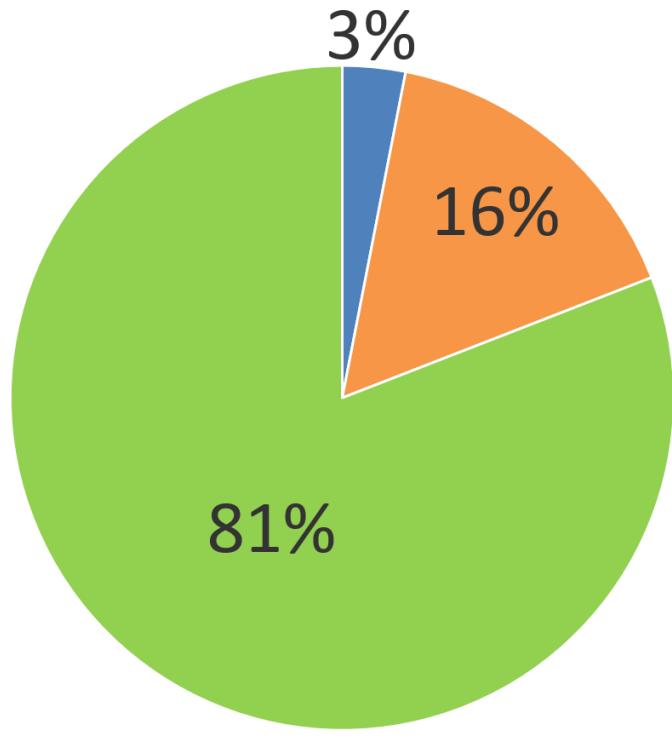
# Williston Basin Oil Production & Export Capacity, BOPD

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



Statewide

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

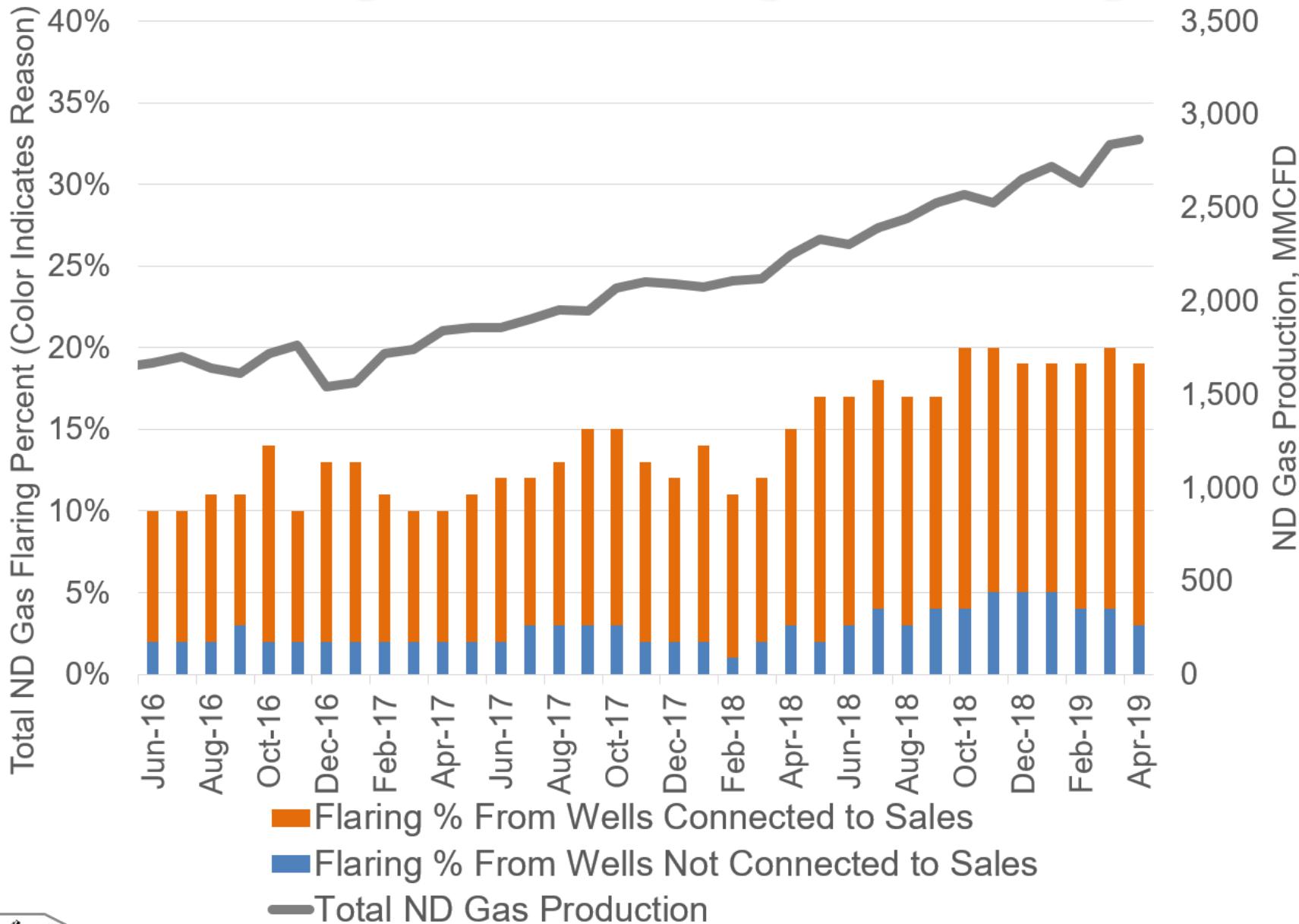
## Simple Terms

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

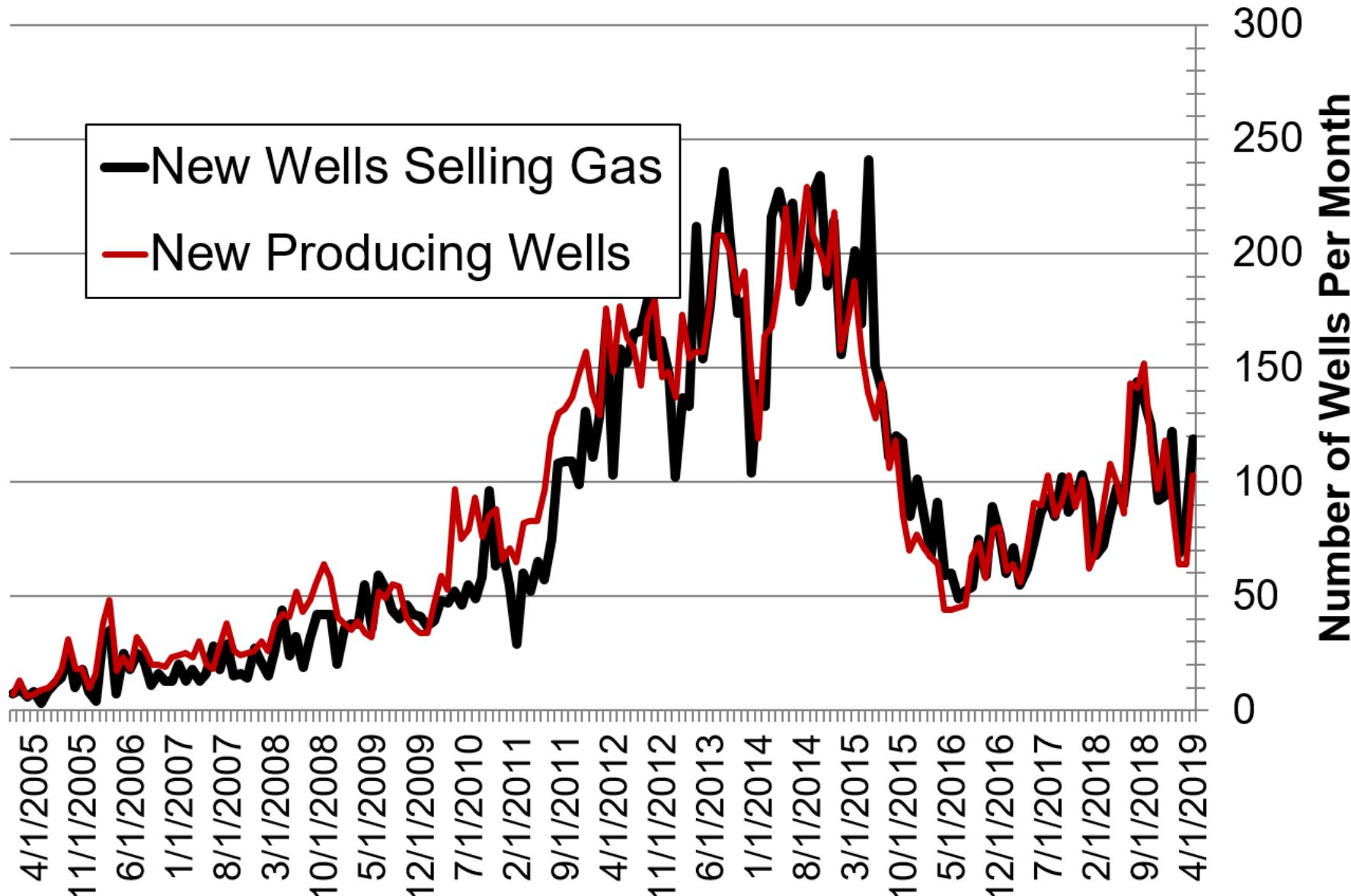
April 2019 Data – Non-Confidential Wells



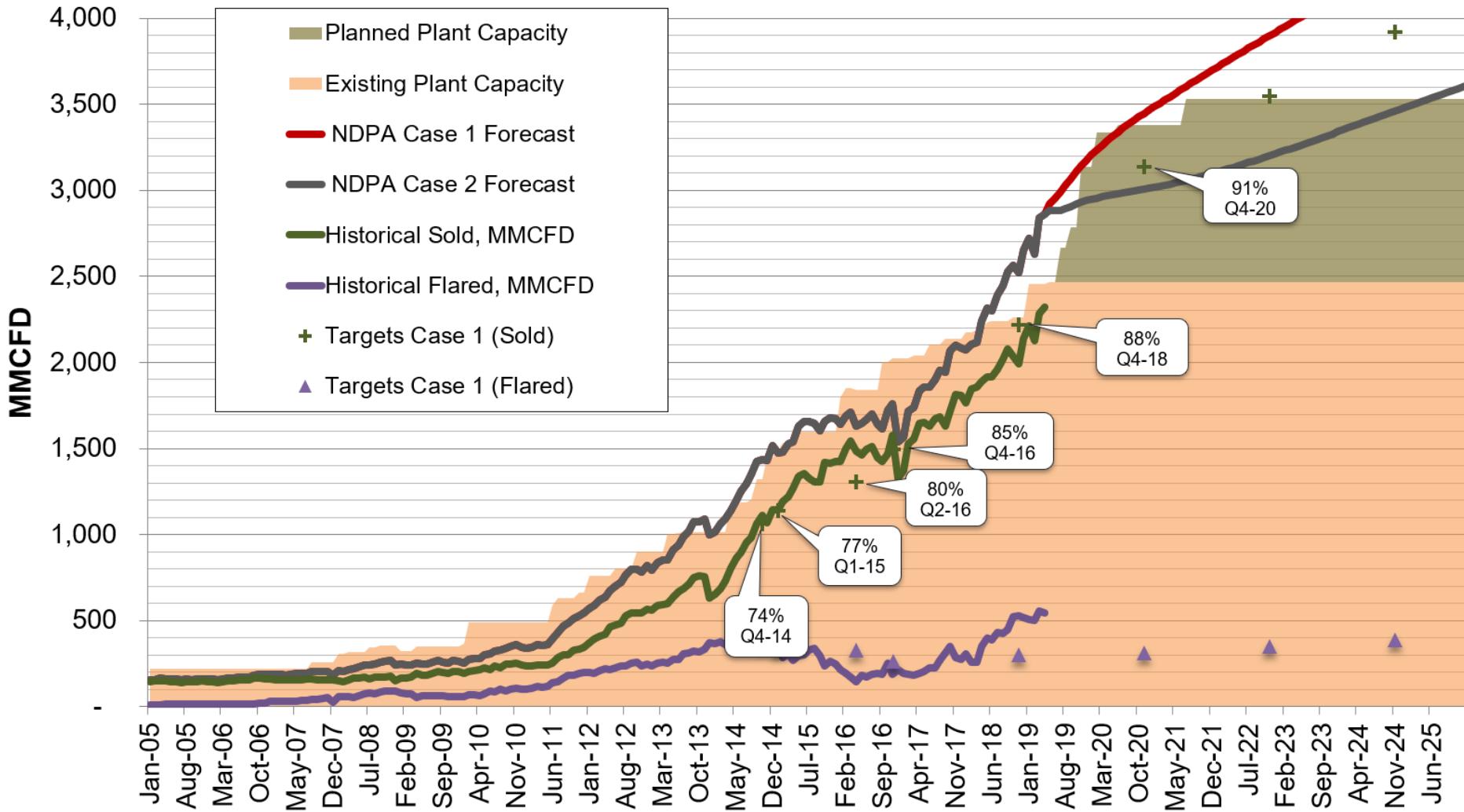
# Solving the Flaring Challenge



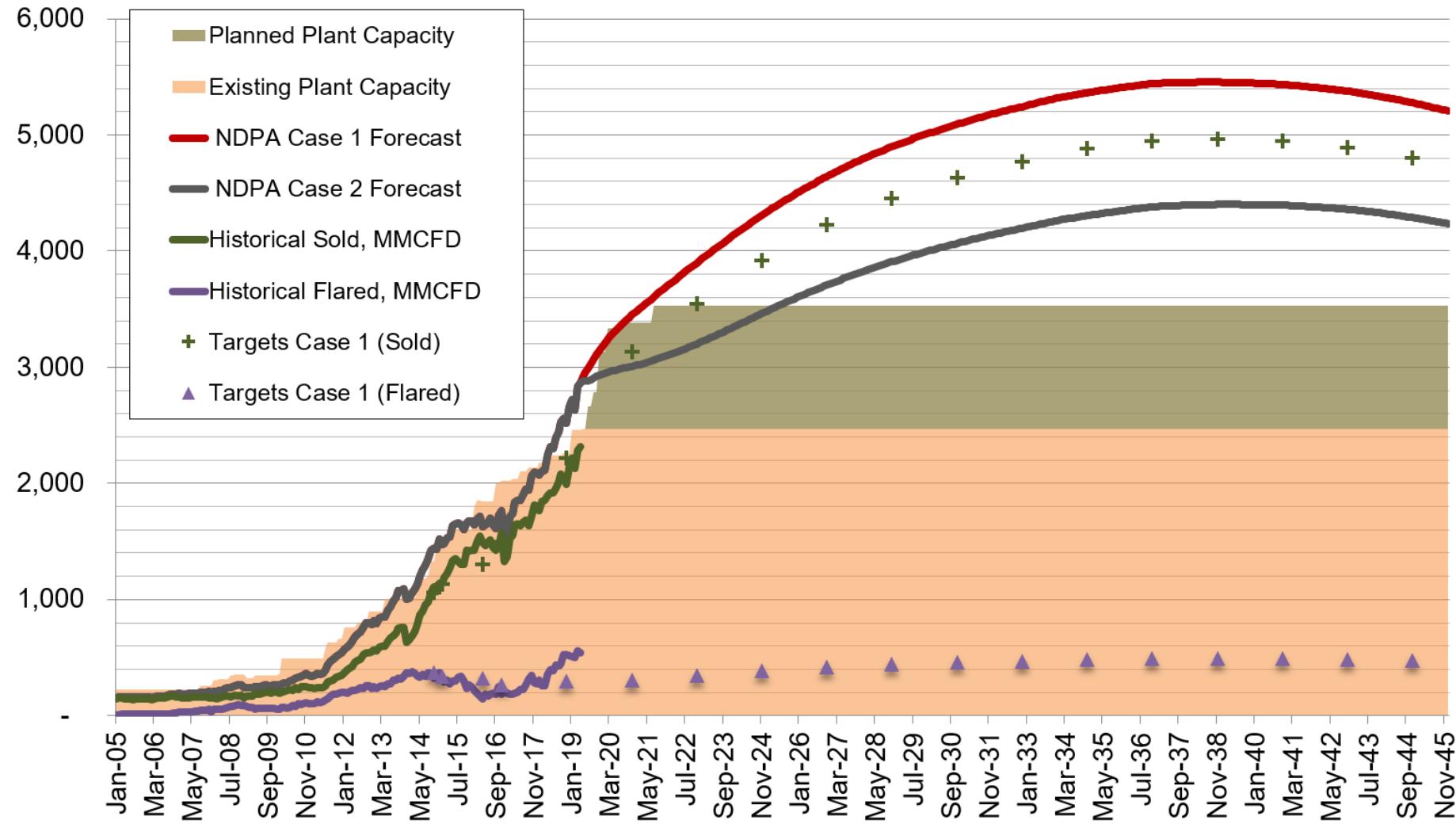
# Solving the Flaring Challenge



# Solving the Flaring Challenge



# Solving the Flaring Challenge



# Contact Information

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



JJ Kringstad - North Dakota Pipeline Authority

Websites:

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

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

