

**May 2019 Monthly Update**  
**North Dakota Pipeline Authority**  
**Justin J. Kringstad**  
**May 15, 2019**

# US Williston Basin Oil Production - 2019

MONTH	ND	Eastern MT*	SD	TOTAL
January	1,403,808	57,500	3,276	1,464,584
February	1,335,591	54,319	3,339	1,393,249
March	1,390,138			
April				
May				
June				
July				
August				
September				
October				
November				
December				

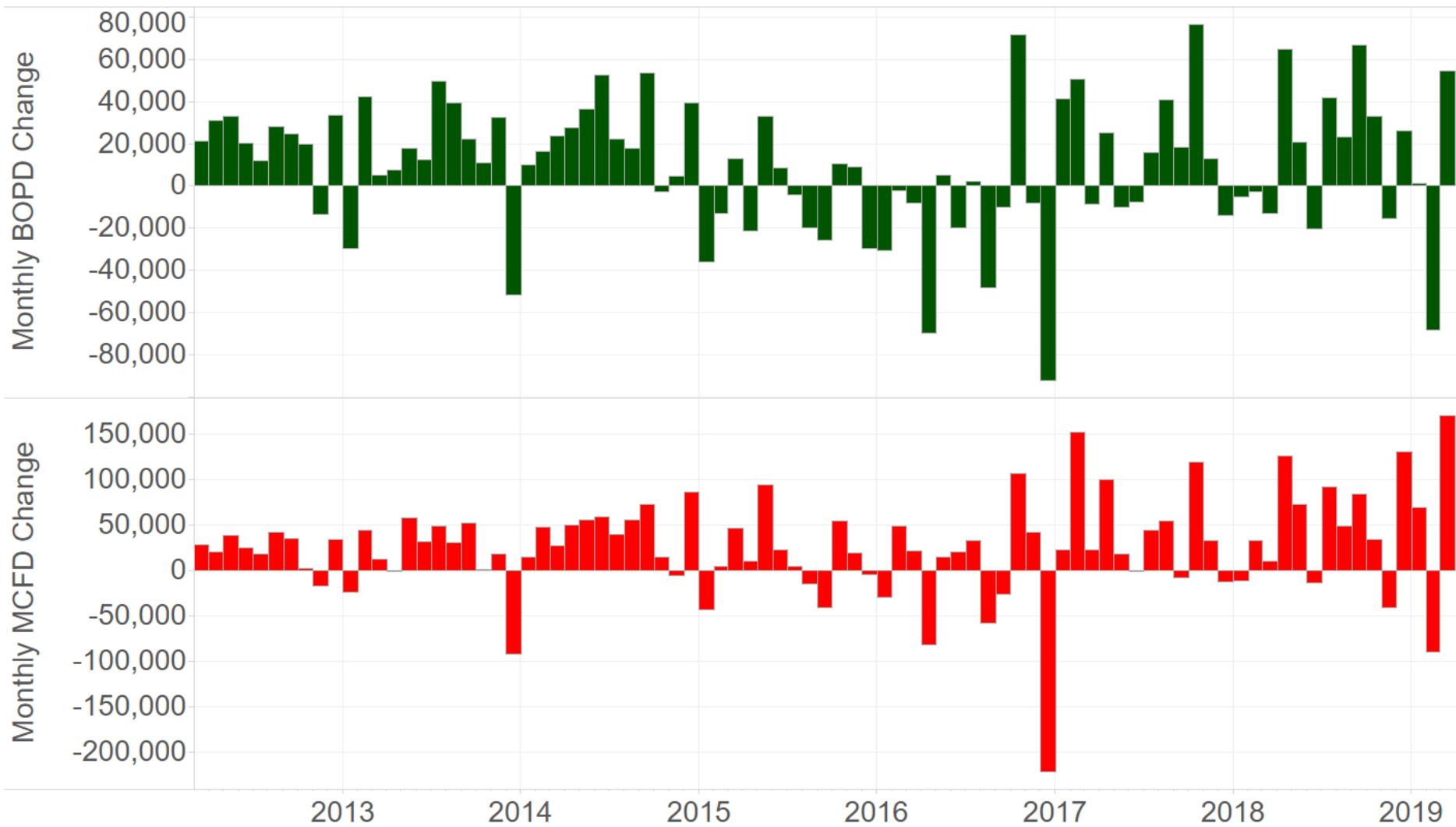


# US Williston Basin Oil Production - 2018

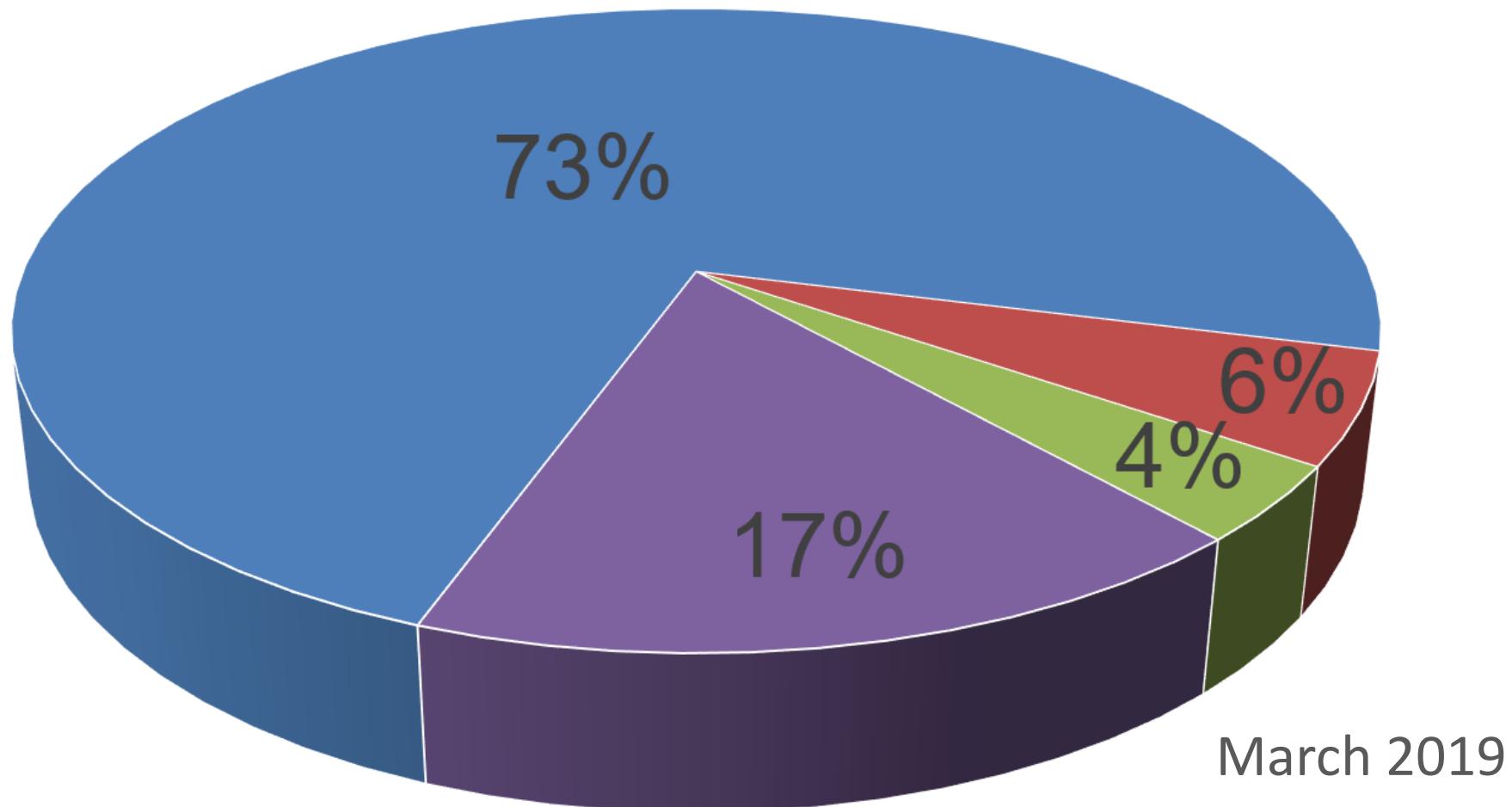
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,177,590	50,127	3,555	1,231,272
February	1,175,035	50,900	3,628	1,229,563
March	1,162,091	49,892	3,502	1,215,485
April	1,226,879	52,415	3,515	1,282,809
May	1,247,680	53,733	3,471	1,304,884
June	1,231,099	53,994	3,452	1,288,545
July	1,269,212	53,155	3,396	1,325,763
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

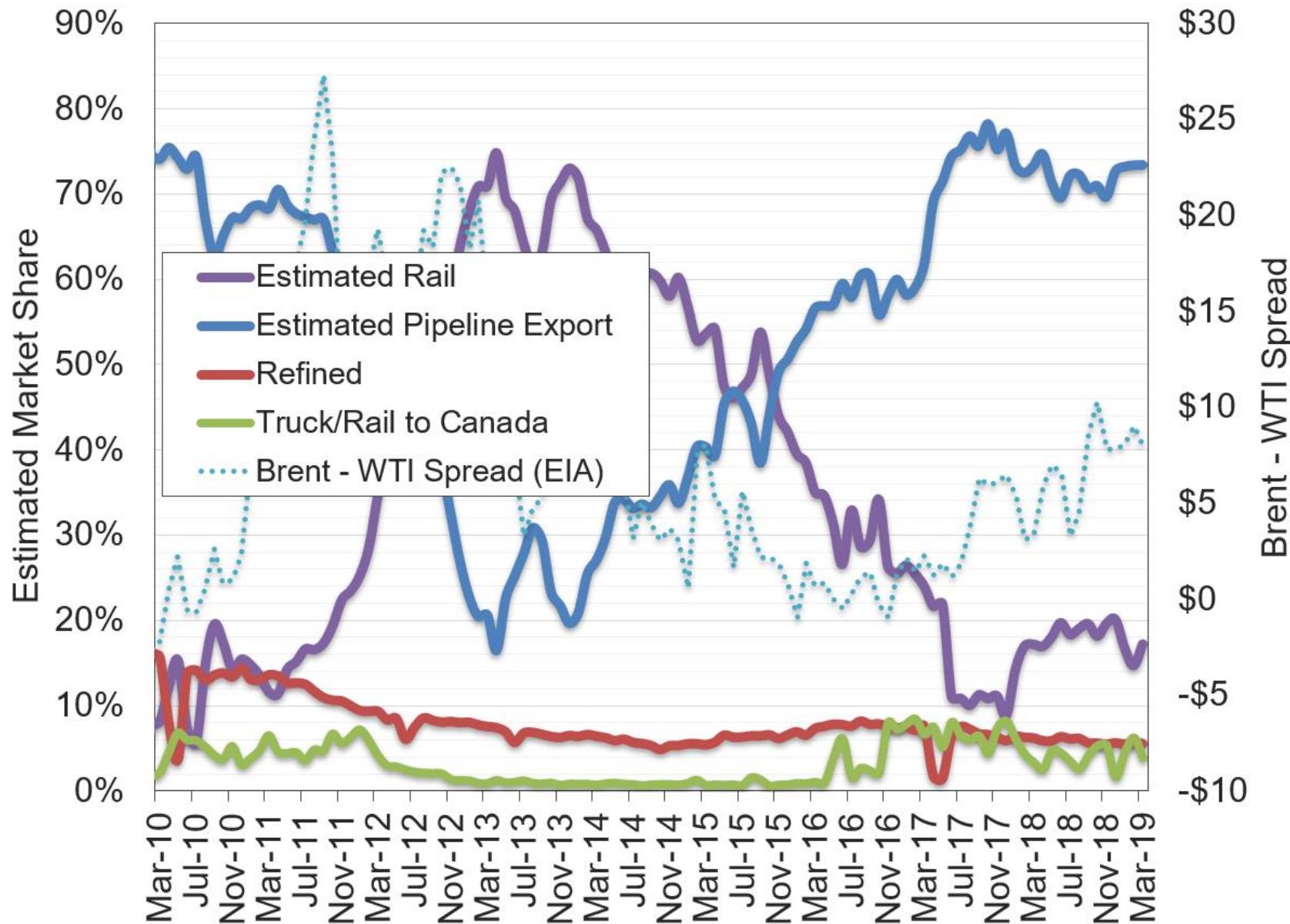


- Pipeline Export
- Truck/Rail to Canada

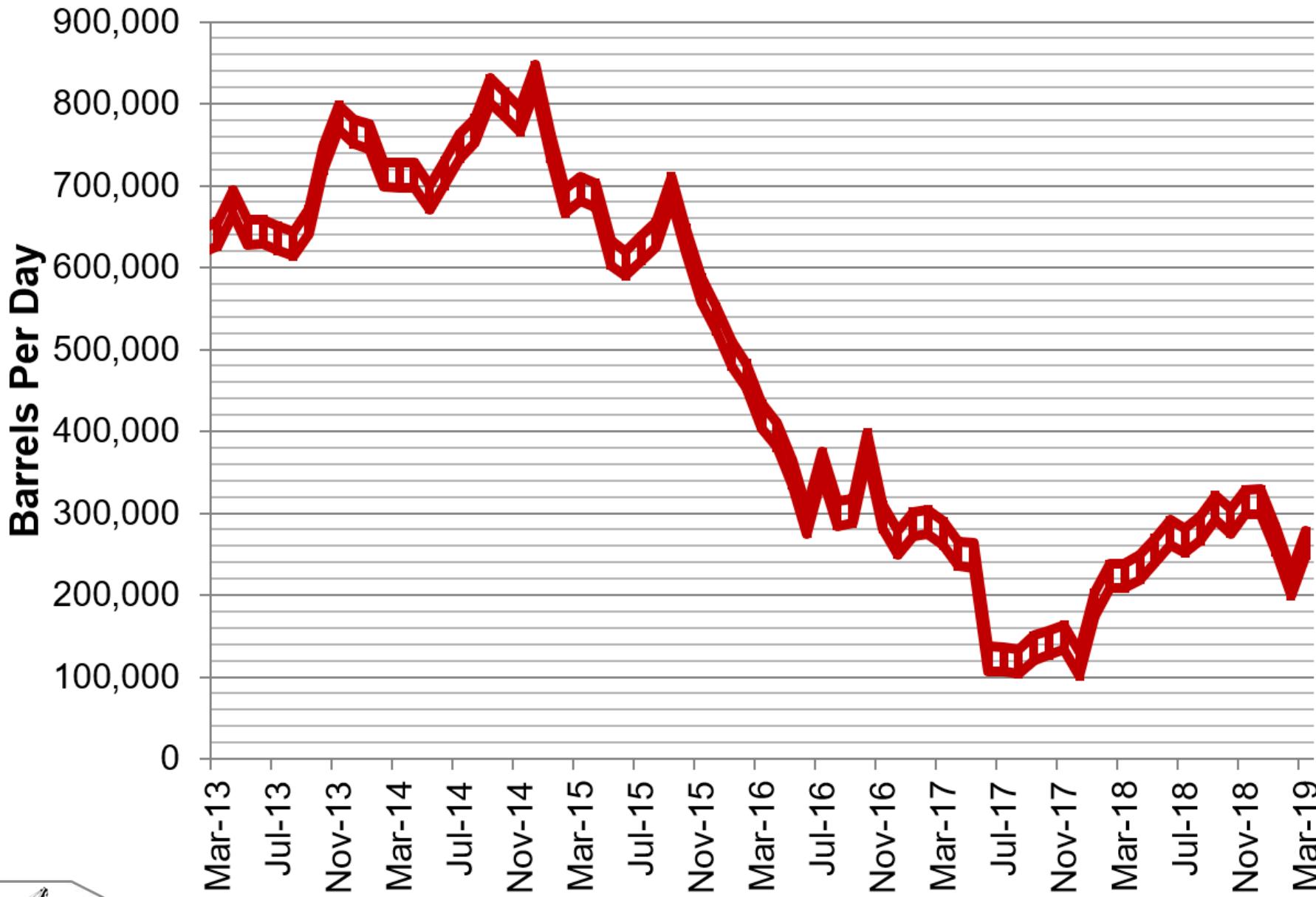
- Refined
- Estimated Rail



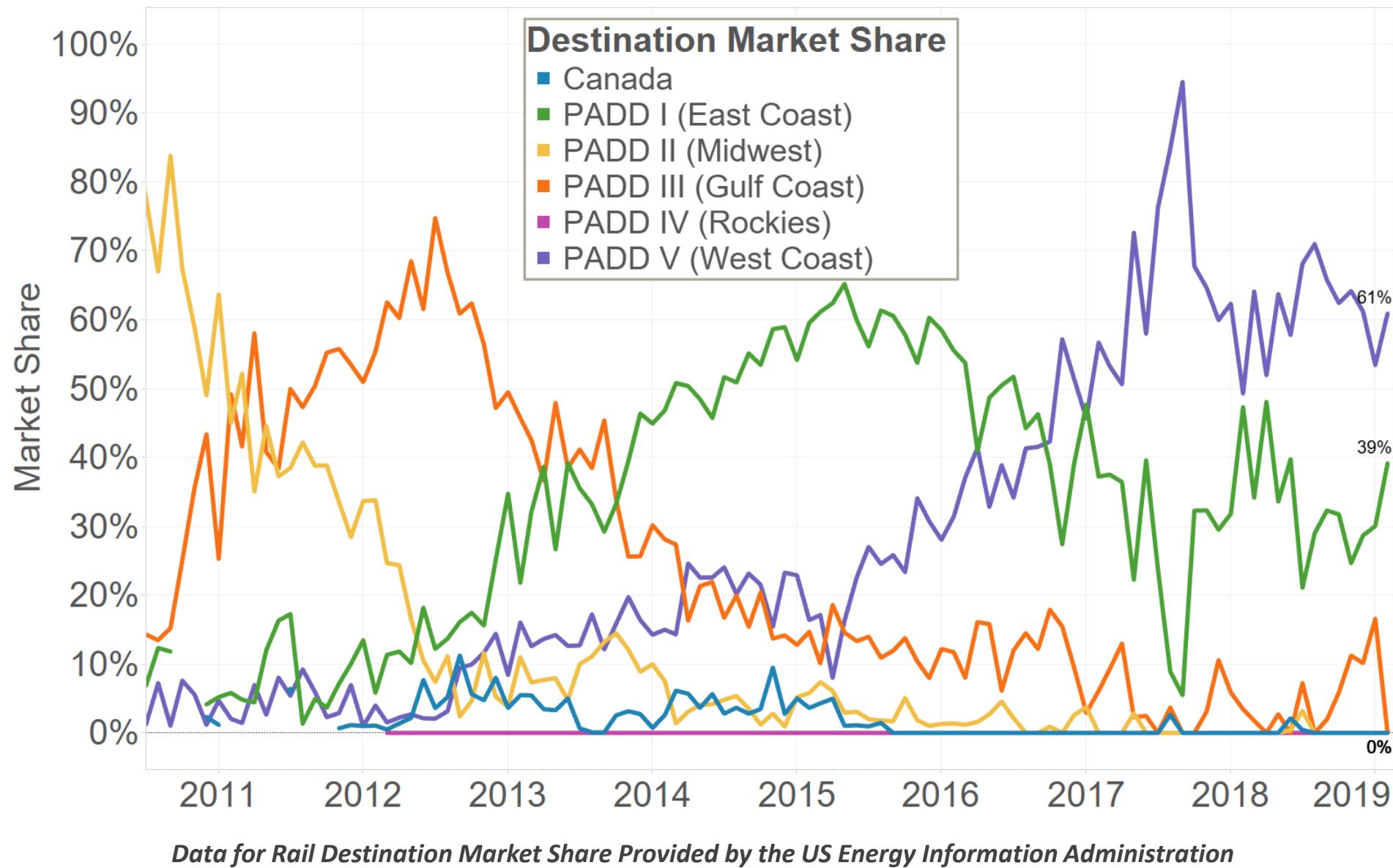
# Estimated Williston Basin Oil Transportation



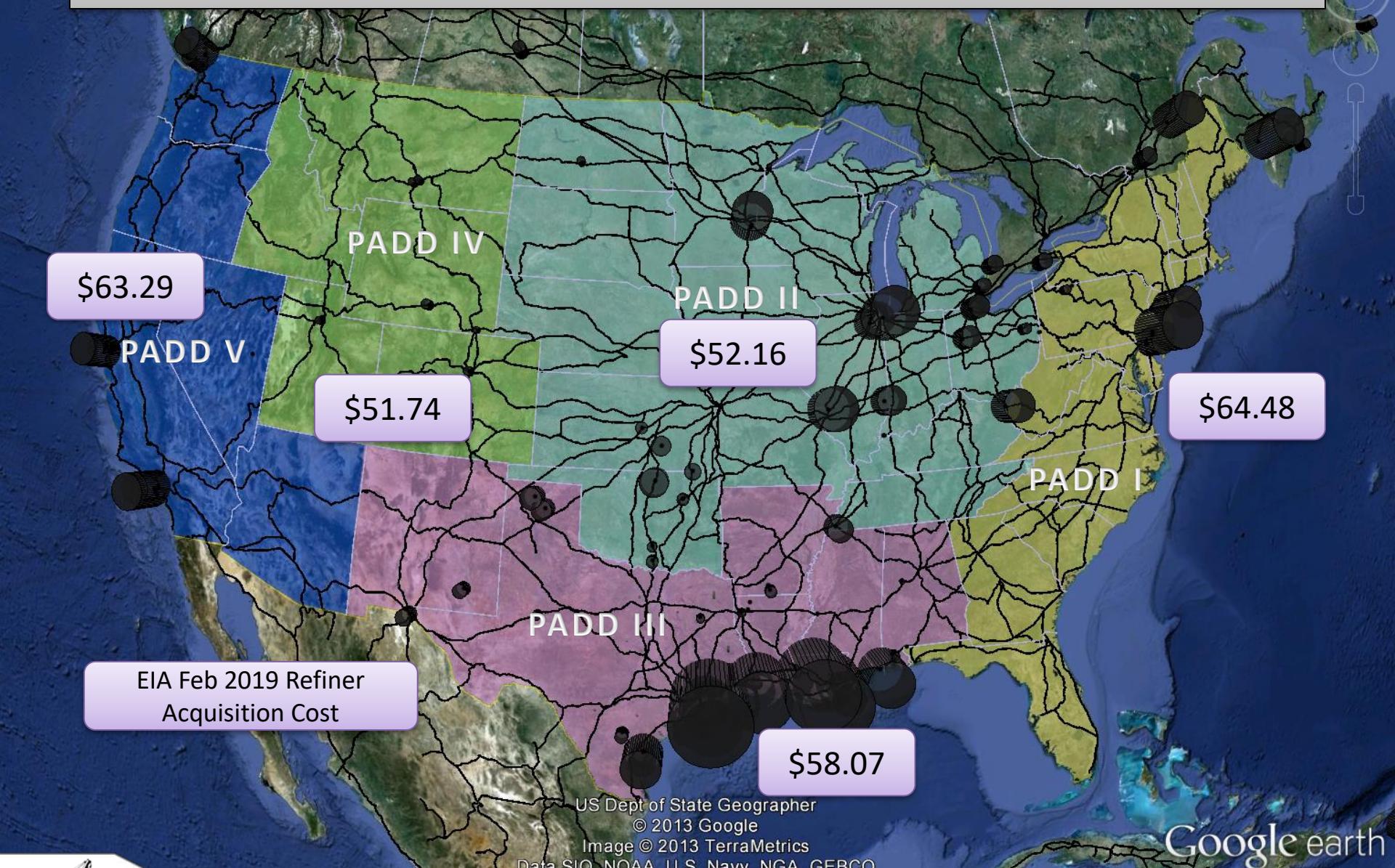
# Estimated ND Rail Export Volumes



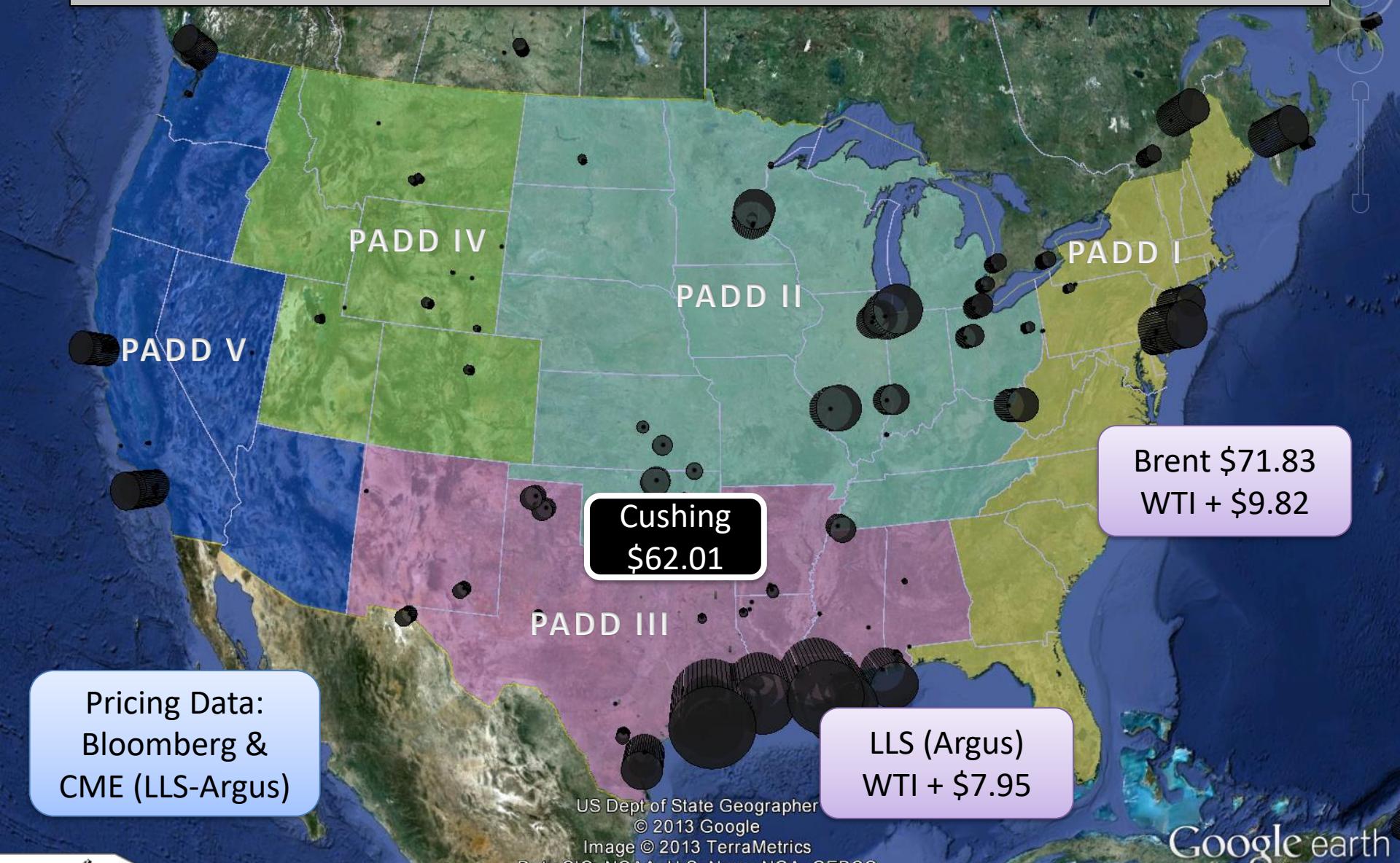
# Rail Destinations Market Share (Feb. 2019)



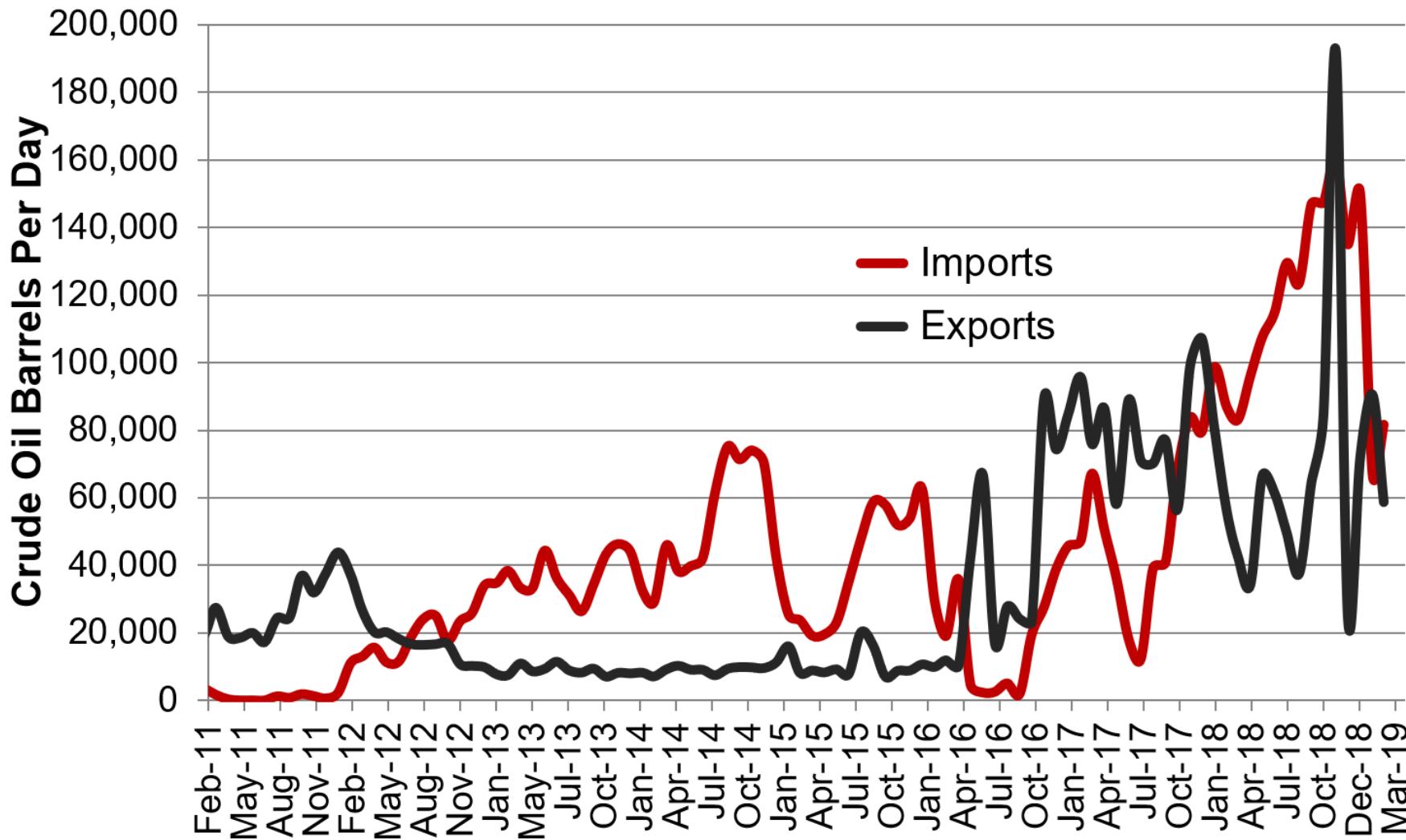
# Major Rail Lines and Refineries



# Crude Oil Prices – May 15, 2019



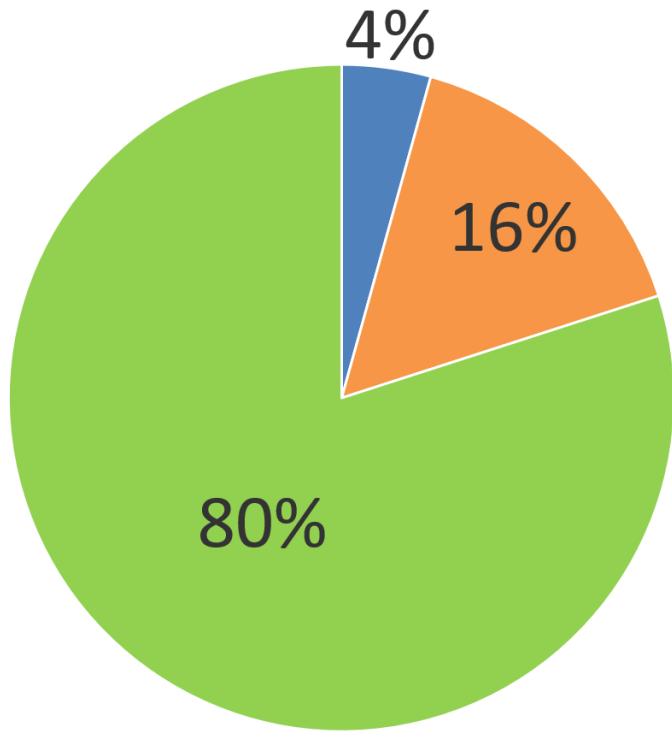
# Williston Basin Truck/Rail Imports and Exports with Canada



*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.*



# 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.

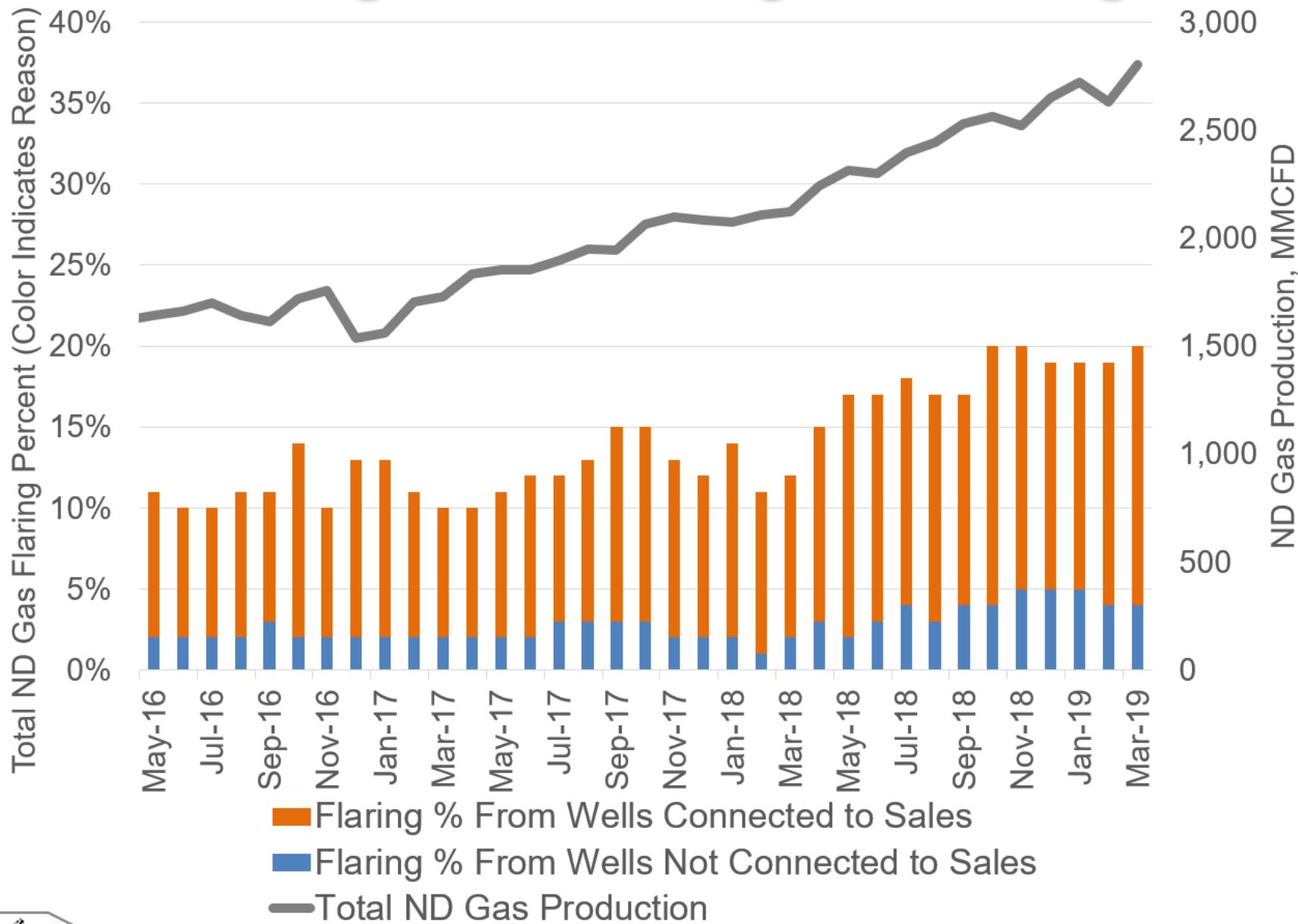
## Simple Terms

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

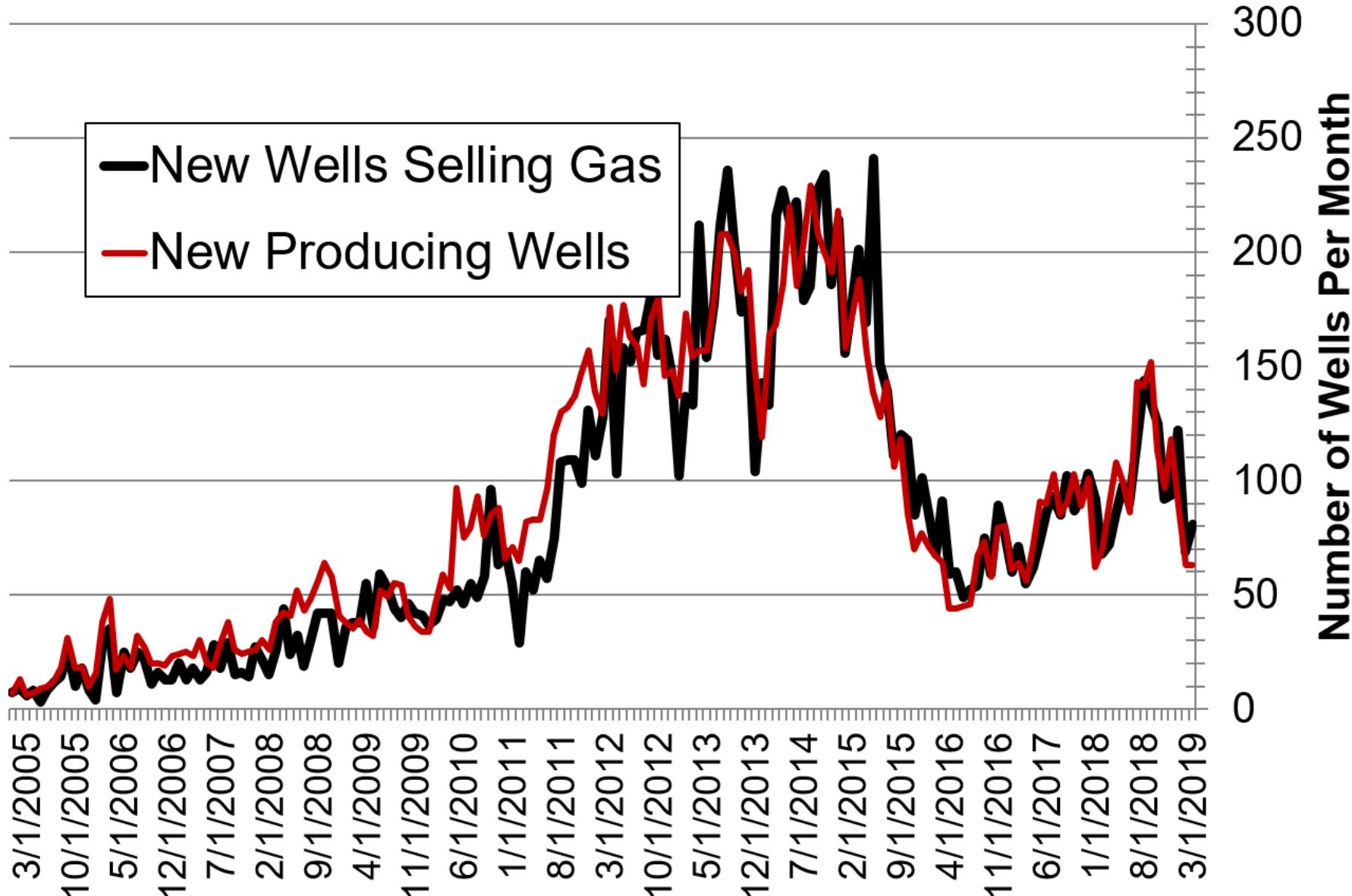
March 2019 Data – Non-Confidential Wells



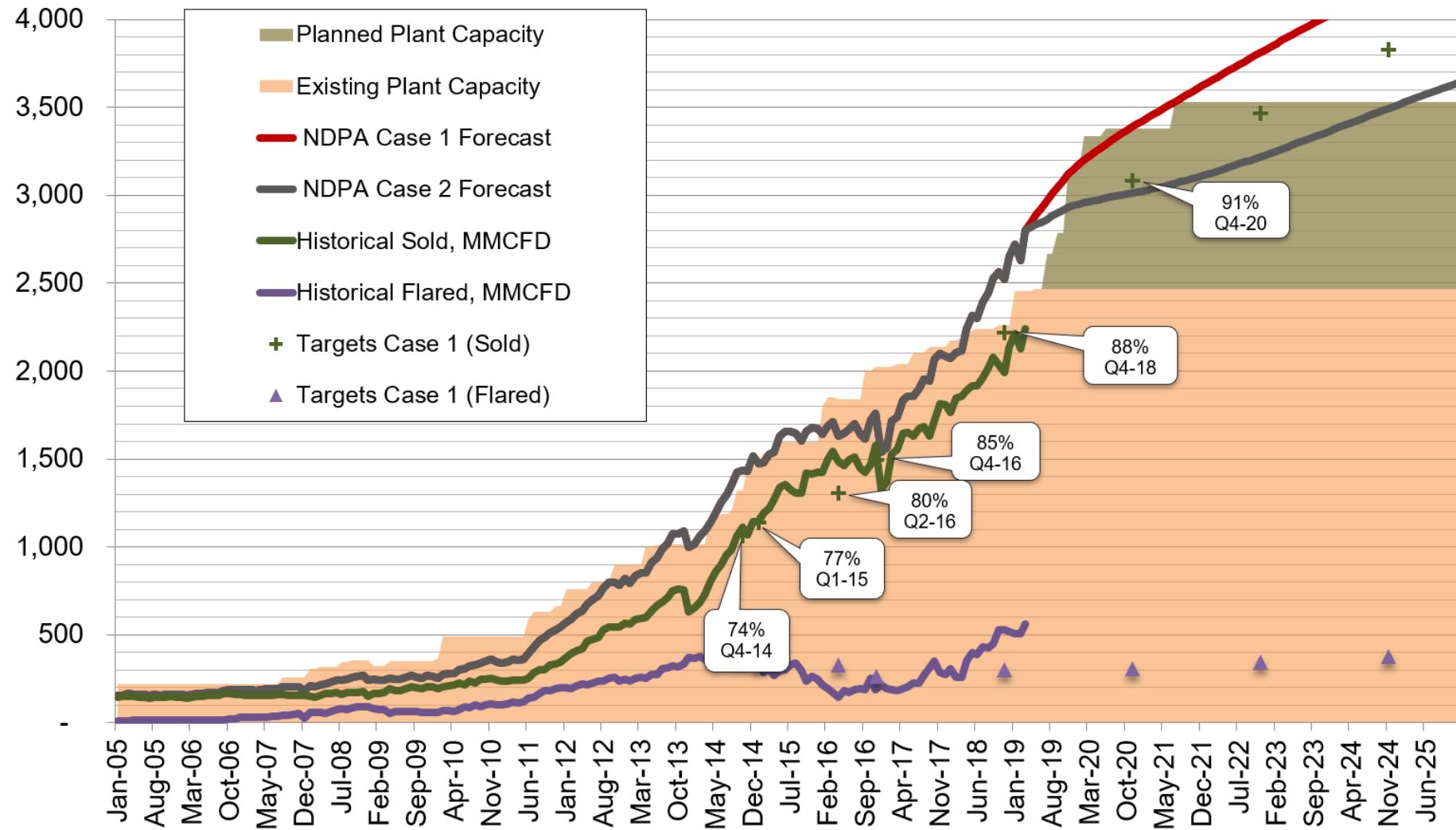
# Solving the Flaring Challenge



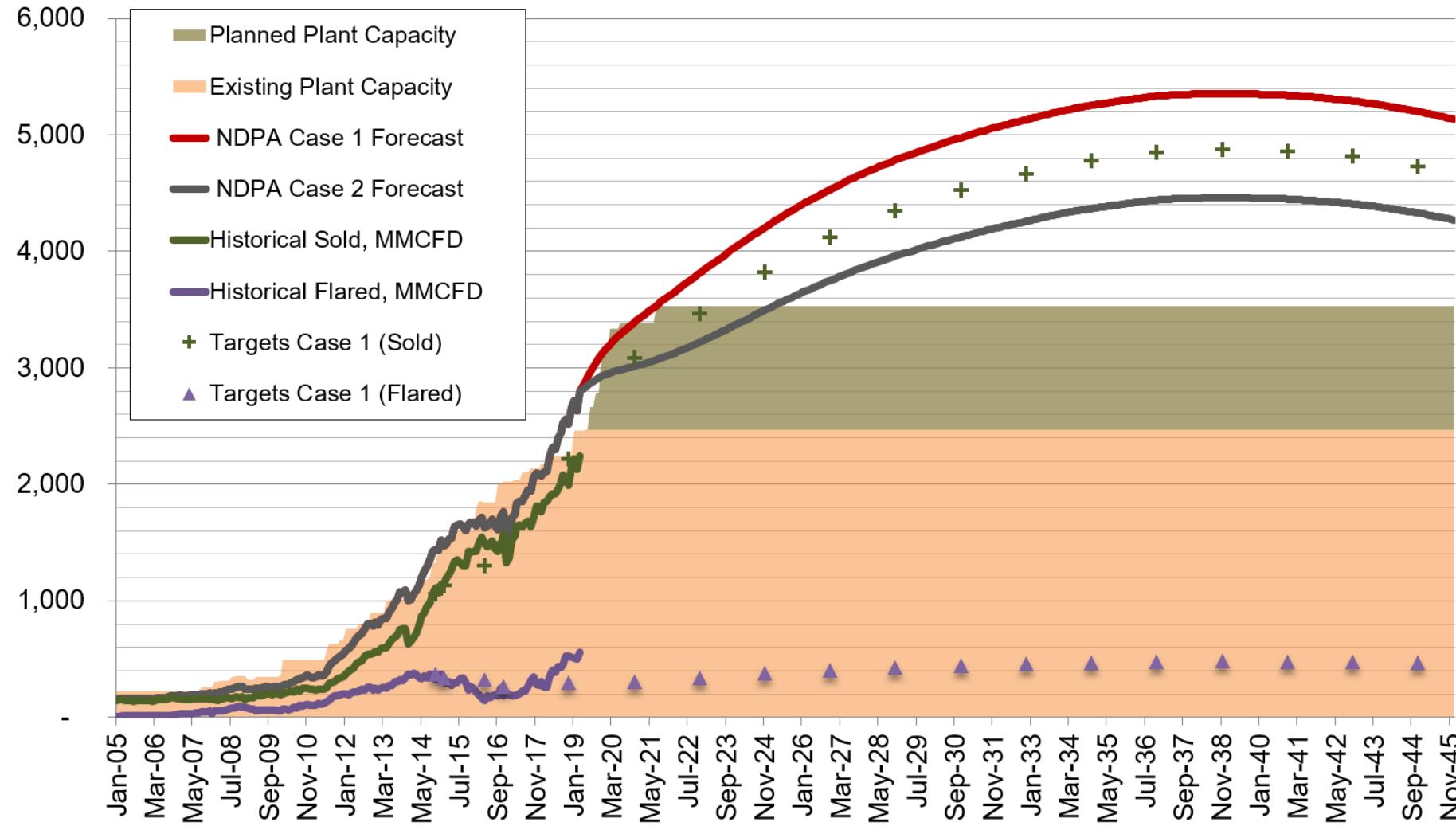
# Solving the Flaring Challenge



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# 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)

