



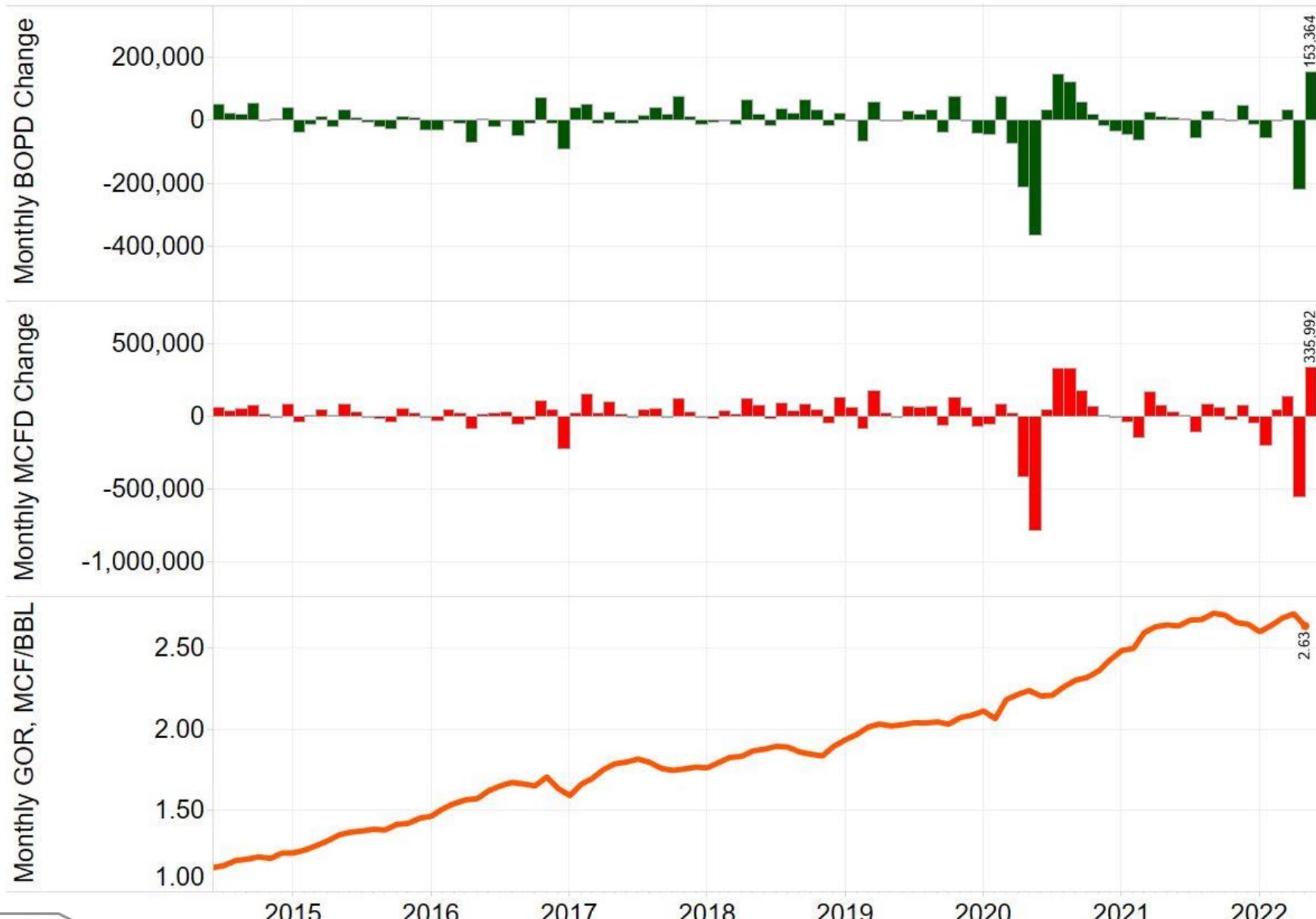
July 2022 Monthly Update  
North Dakota Pipeline Authority  
Justin J. Kringstad  
July 19, 2022

# US Williston Basin Oil Production - 2022

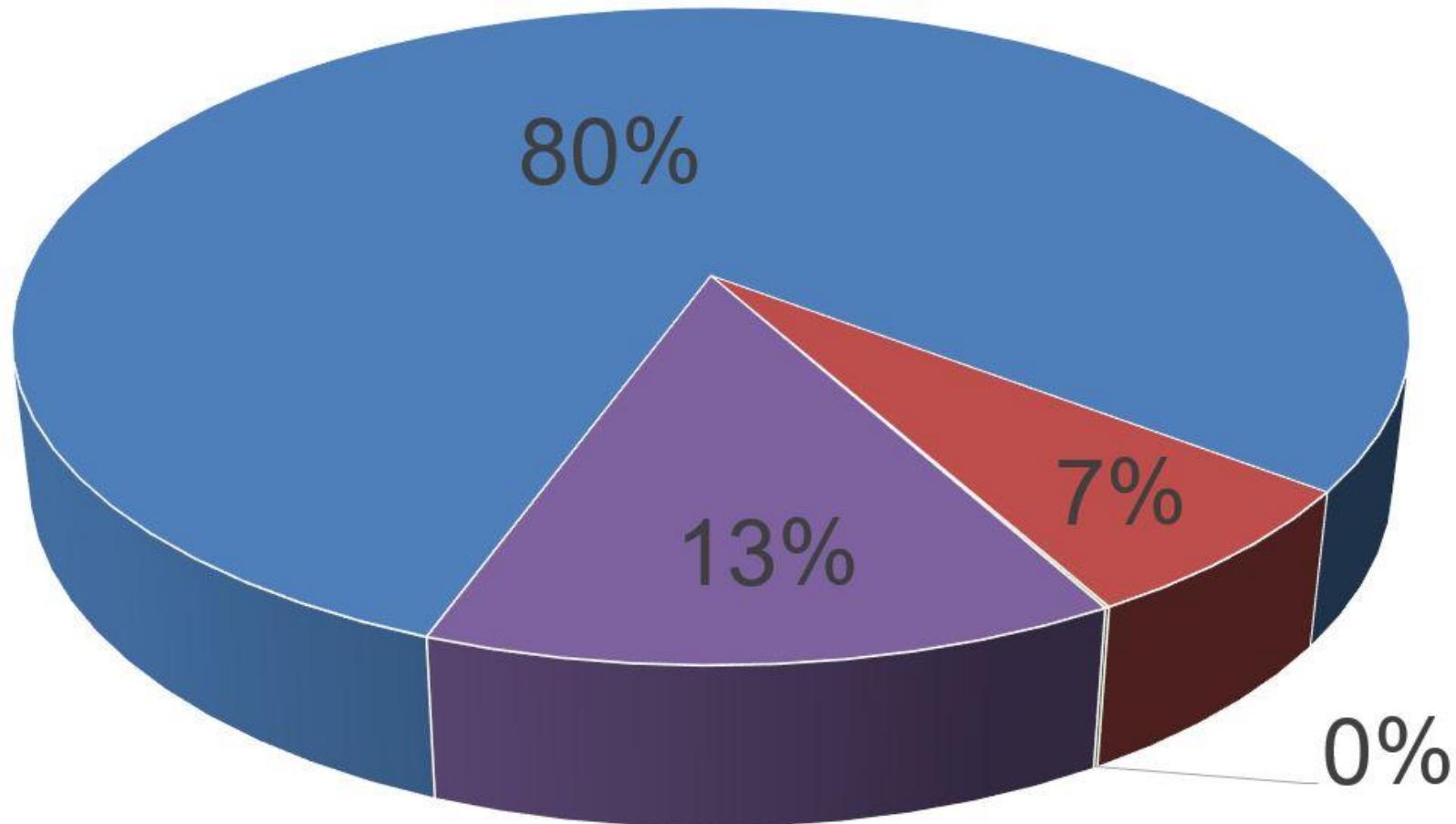
MONTH	ND	Eastern MT*	SD	TOTAL
January	1,088,613	47,671	2,709	1,138,993
February	1,089,091	46,948	2,742	1,138,782
March	1,122,640	45,573	2,709	1,170,922
April	905,357		2,338	
May	1,058,721			
June				
July				
August				
September				
October				
November				
December				



# North Dakota Monthly Production Change



# Estimated Williston Basin Oil Transportation



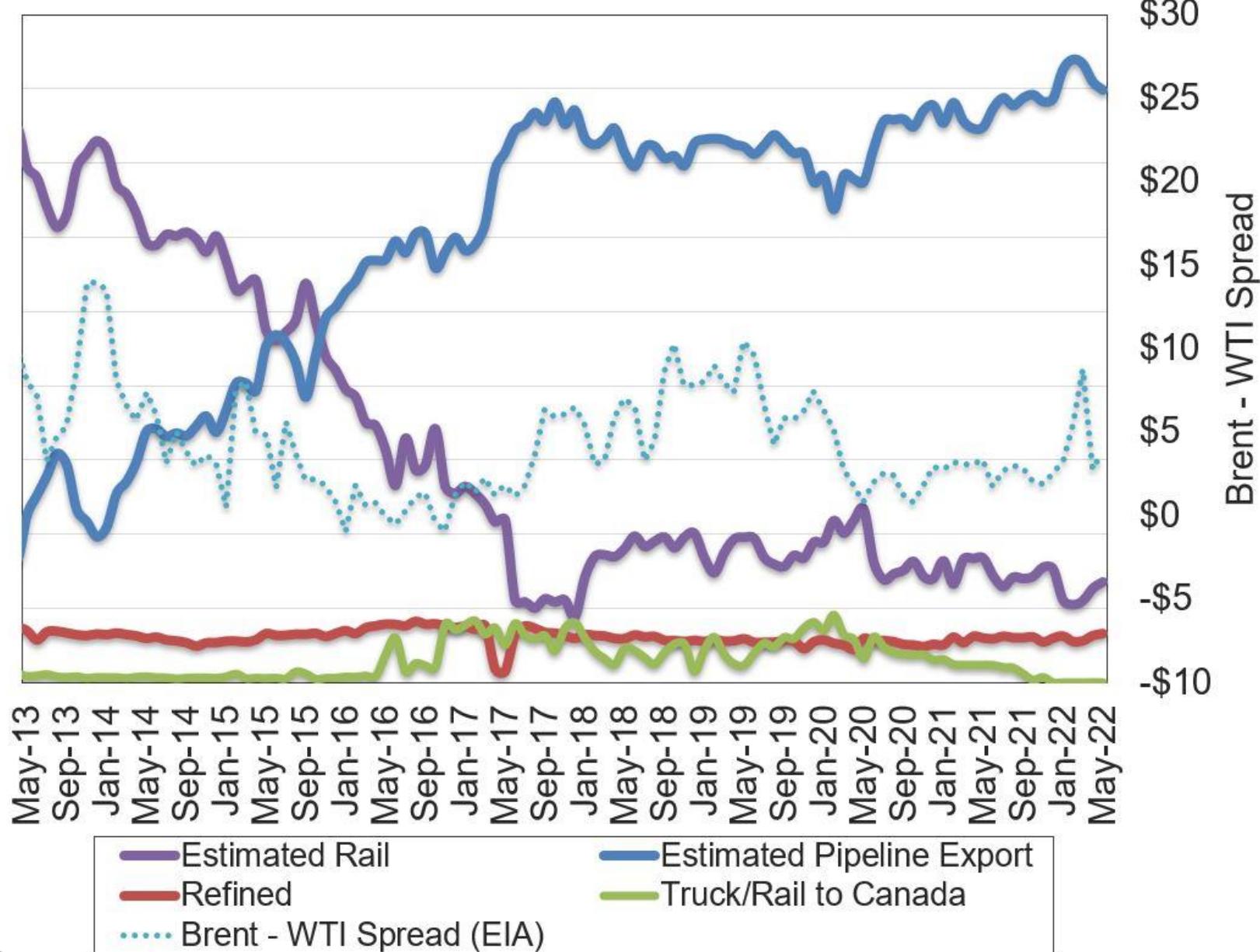
- Pipeline Export
- Truck/Rail to Canada

- Refined
- Estimated Rail

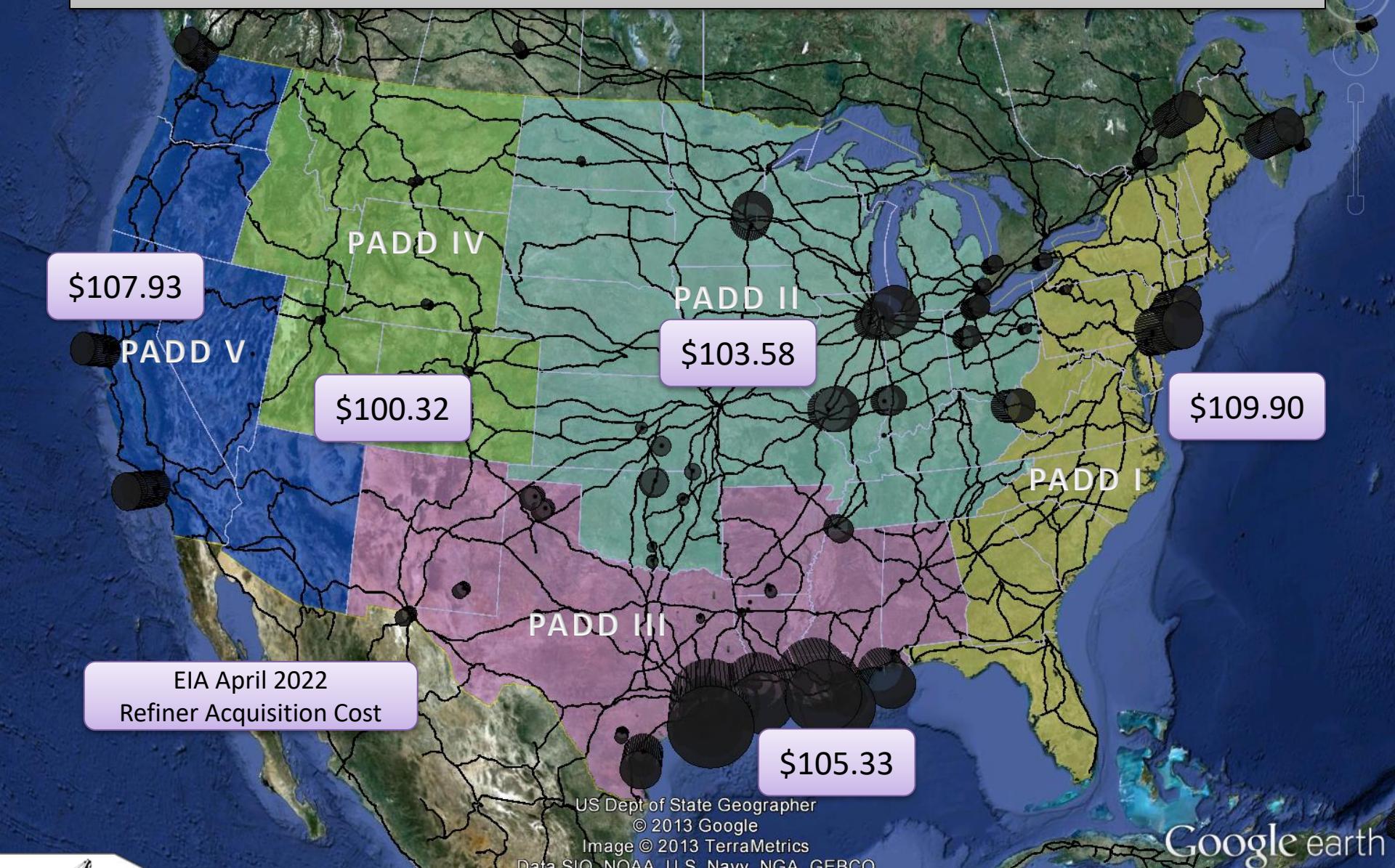
May 2022



# Estimated Williston Basin Oil Transportation



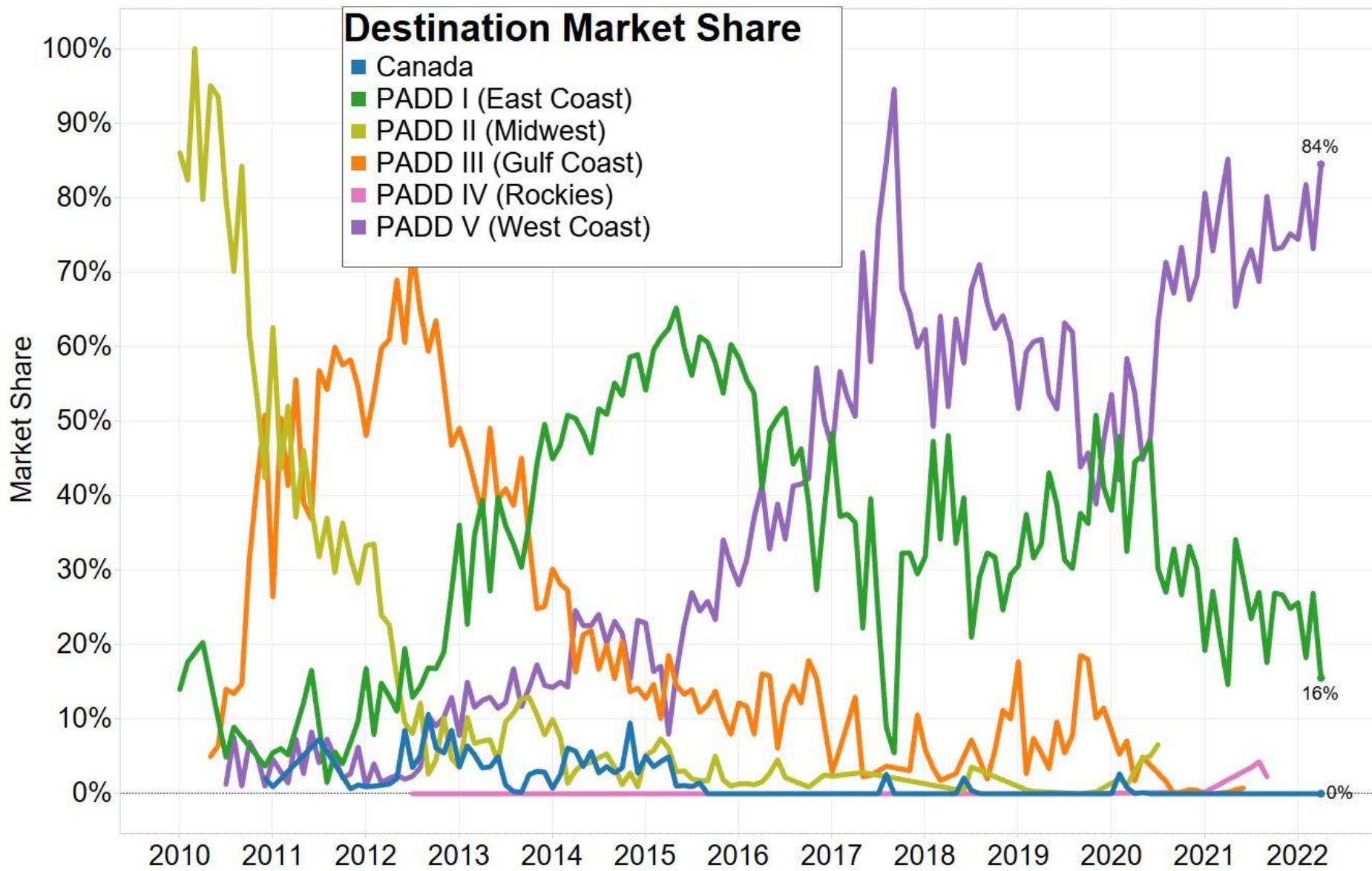
# Major Rail Lines and Refineries



# Estimated ND Rail Export Volumes



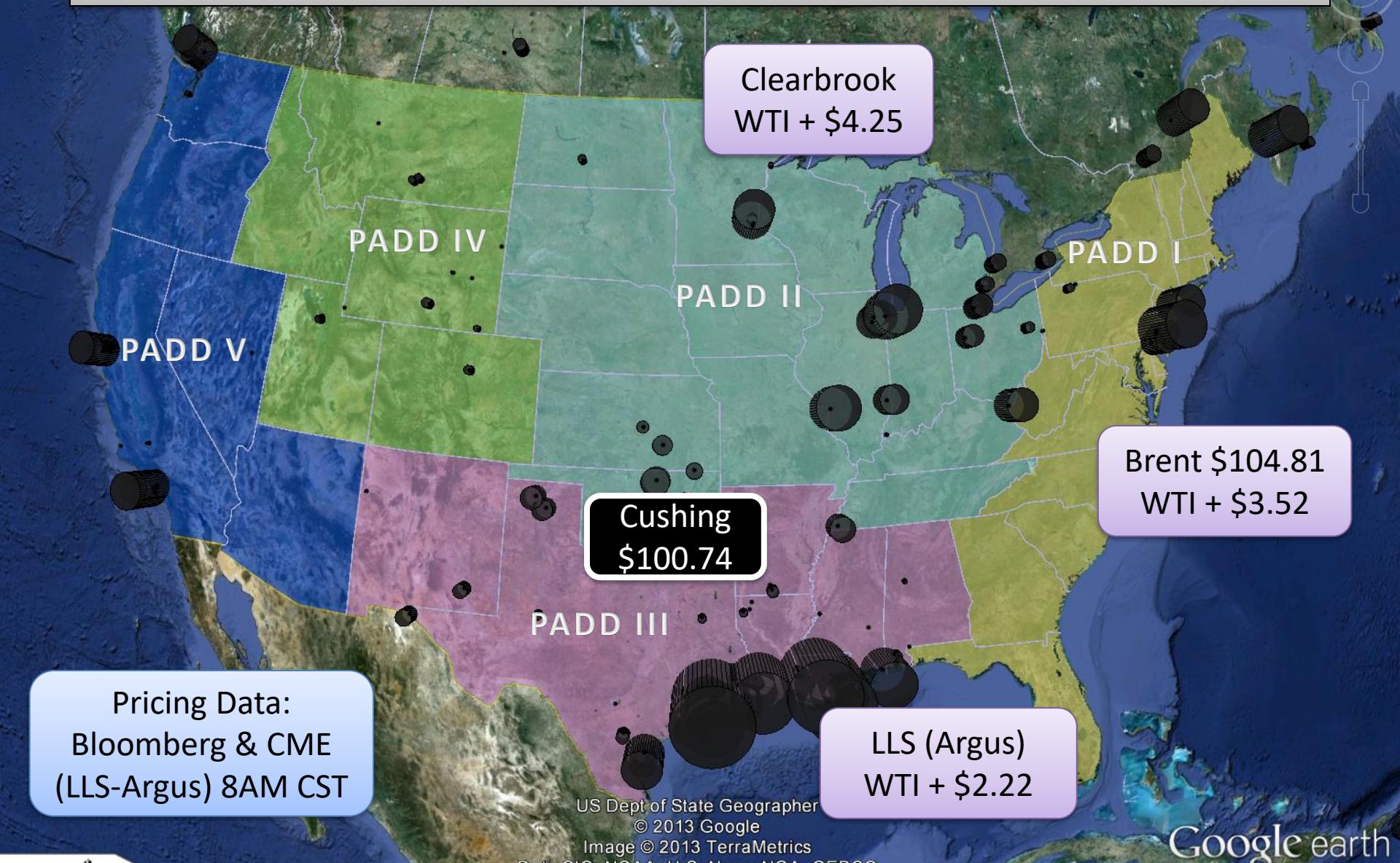
# Rail Destinations Market Share (Apr. 2022)



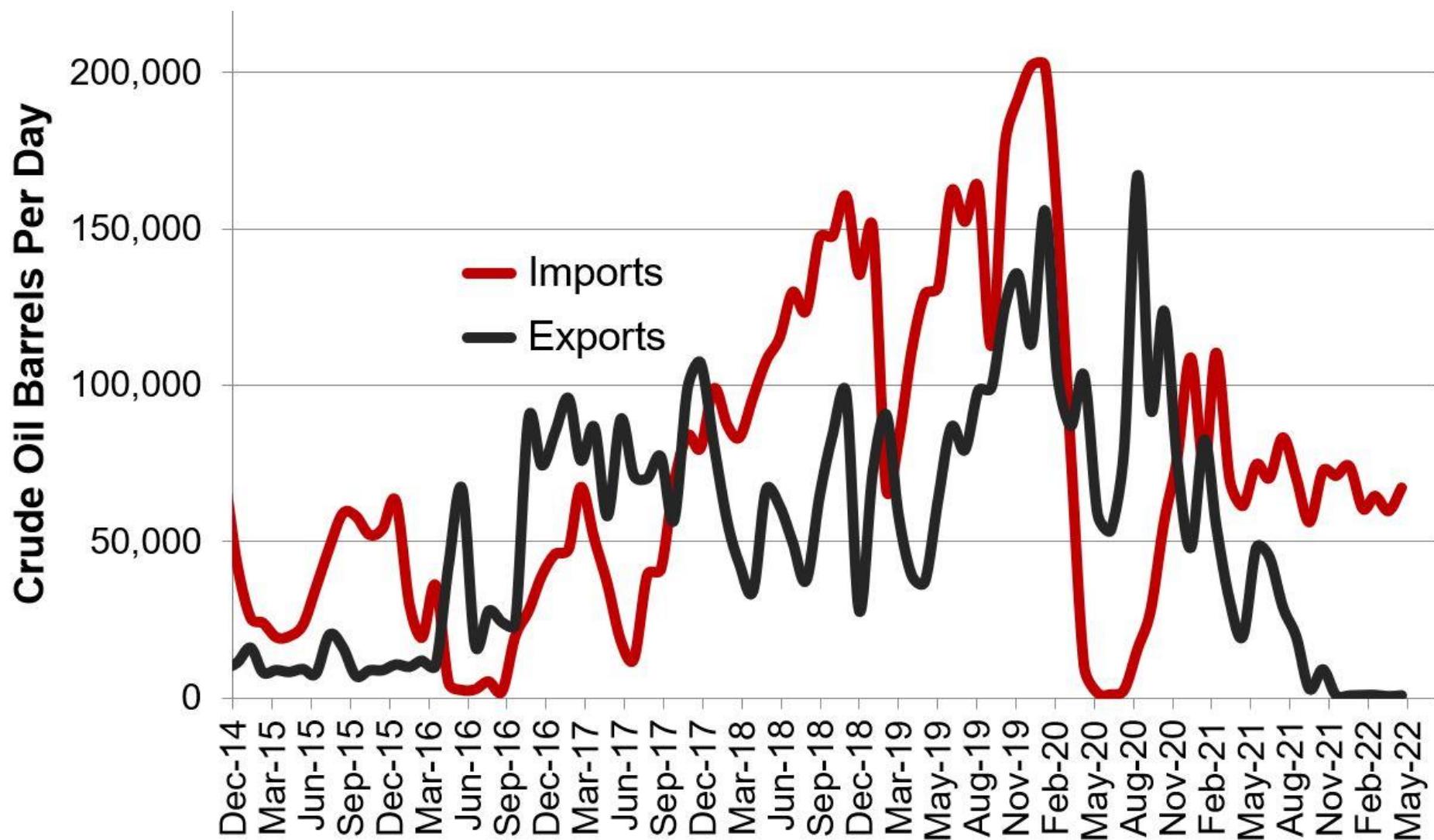
*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



# Crude Oil Prices – July 19, 2022



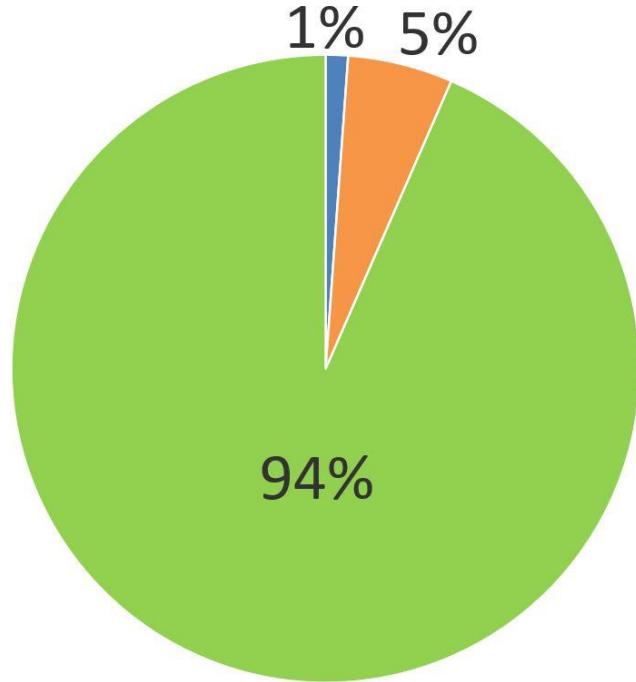
# Williston Basin Truck/Rail Imports and Exports with Canada



*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



Statewide

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

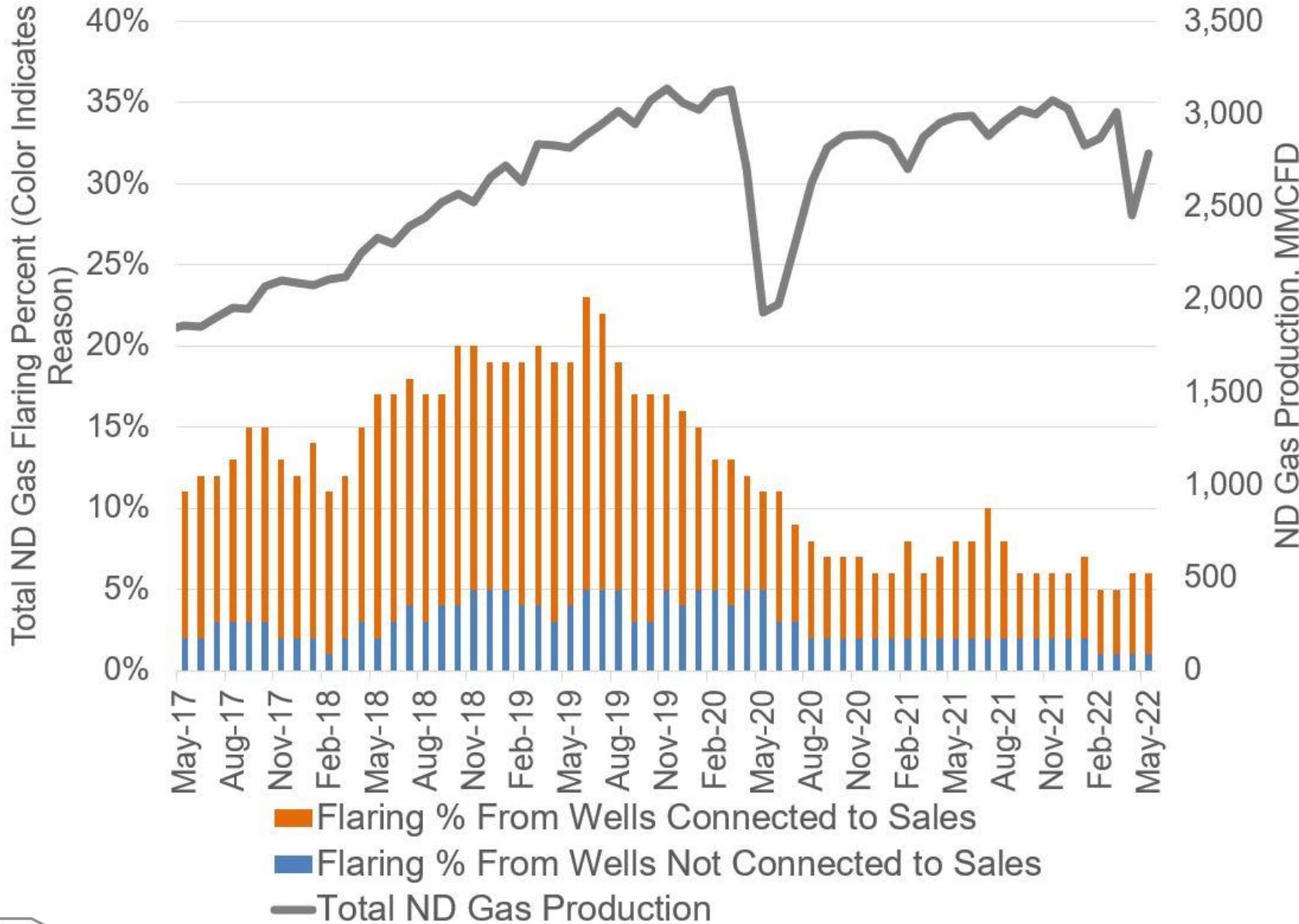
## Simple Terms

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

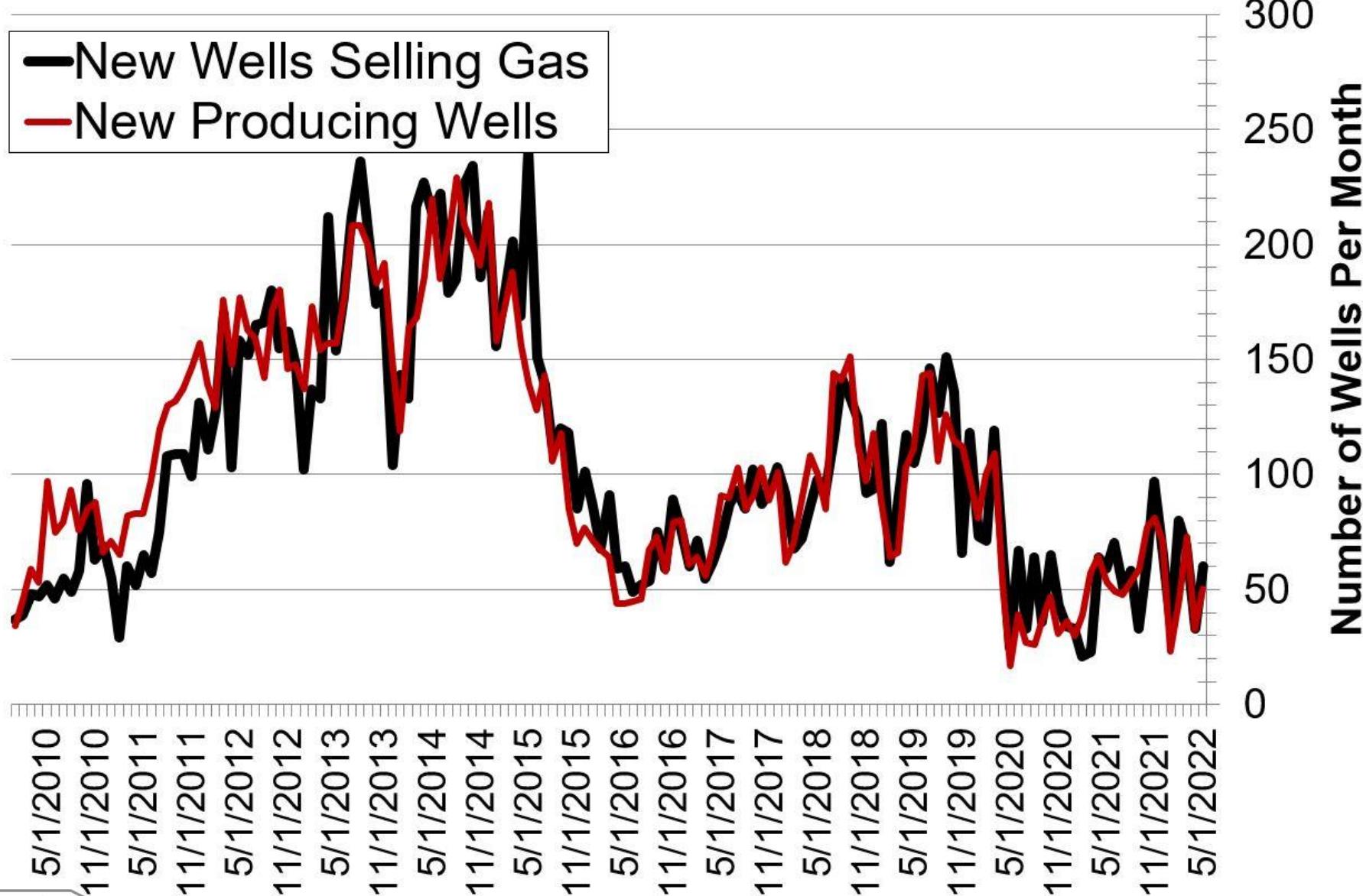
May 2022 Data – Non-Confidential Wells



# Solving the Flaring Challenge



# Solving the Flaring Challenge



# EIA Oil Price Forecast: July 2022

## West Texas Intermediate (WTI) crude oil price

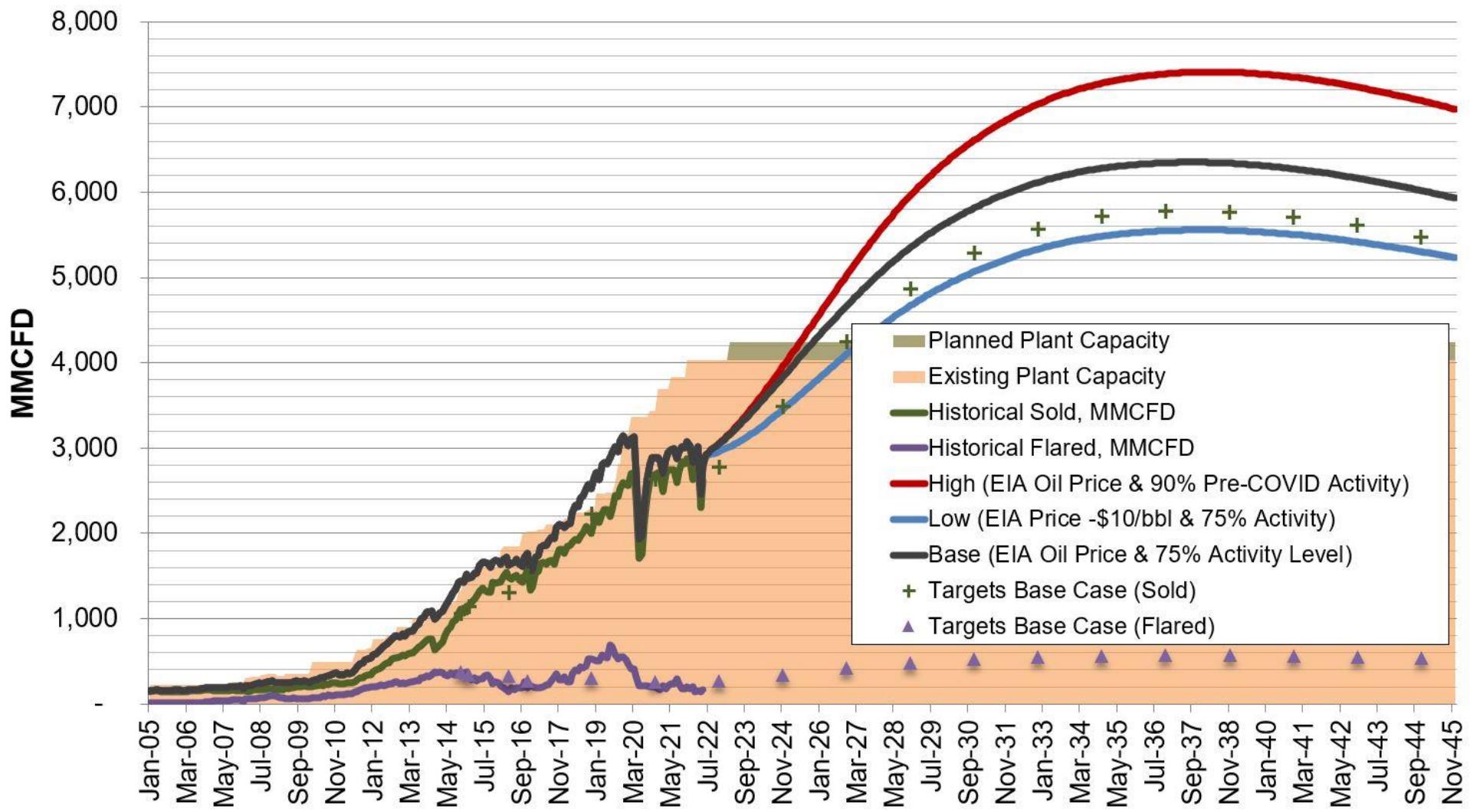
dollars per barrel



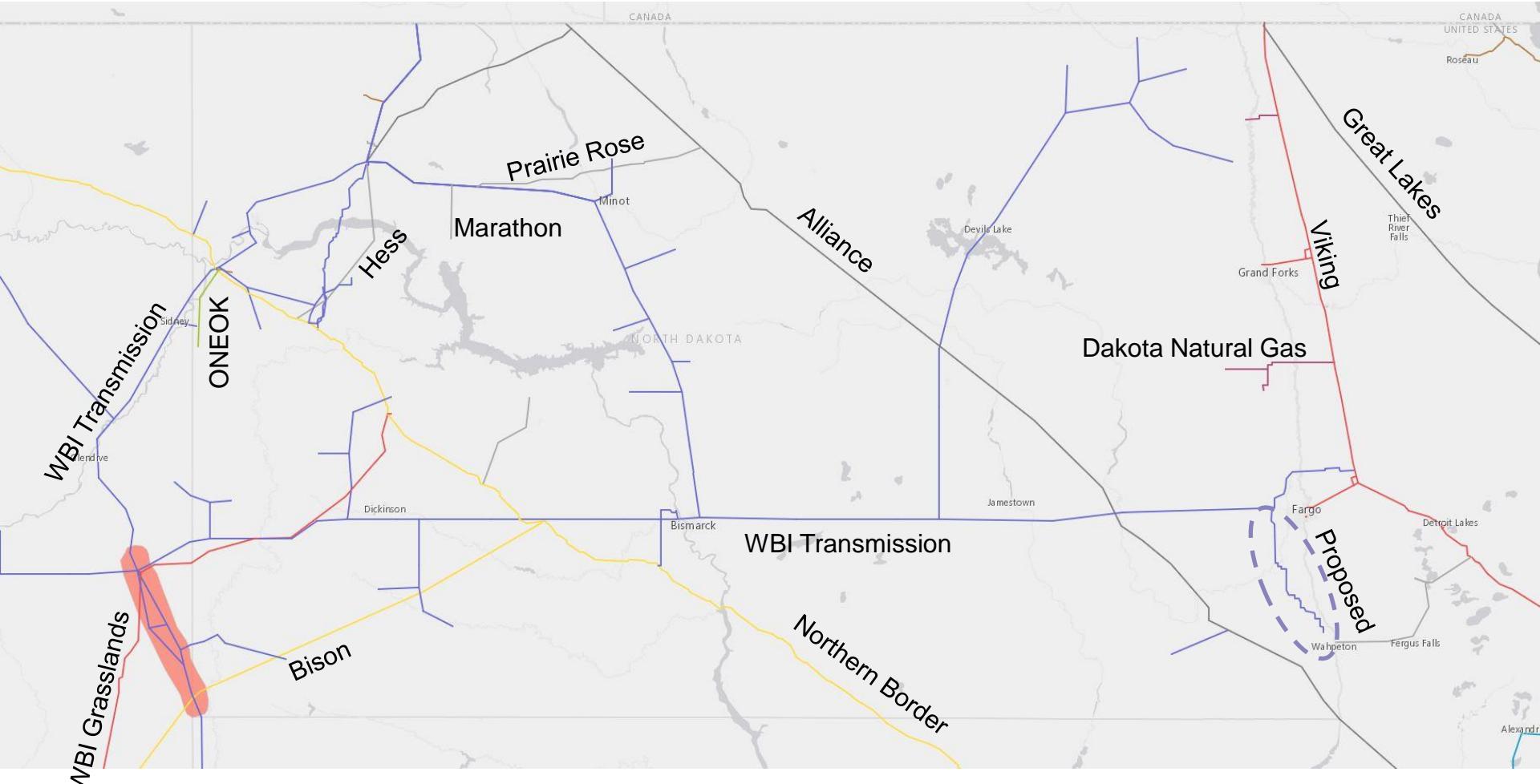
Sources: U.S. Energy Information Administration, Short-Term Energy Outlook, July 2022



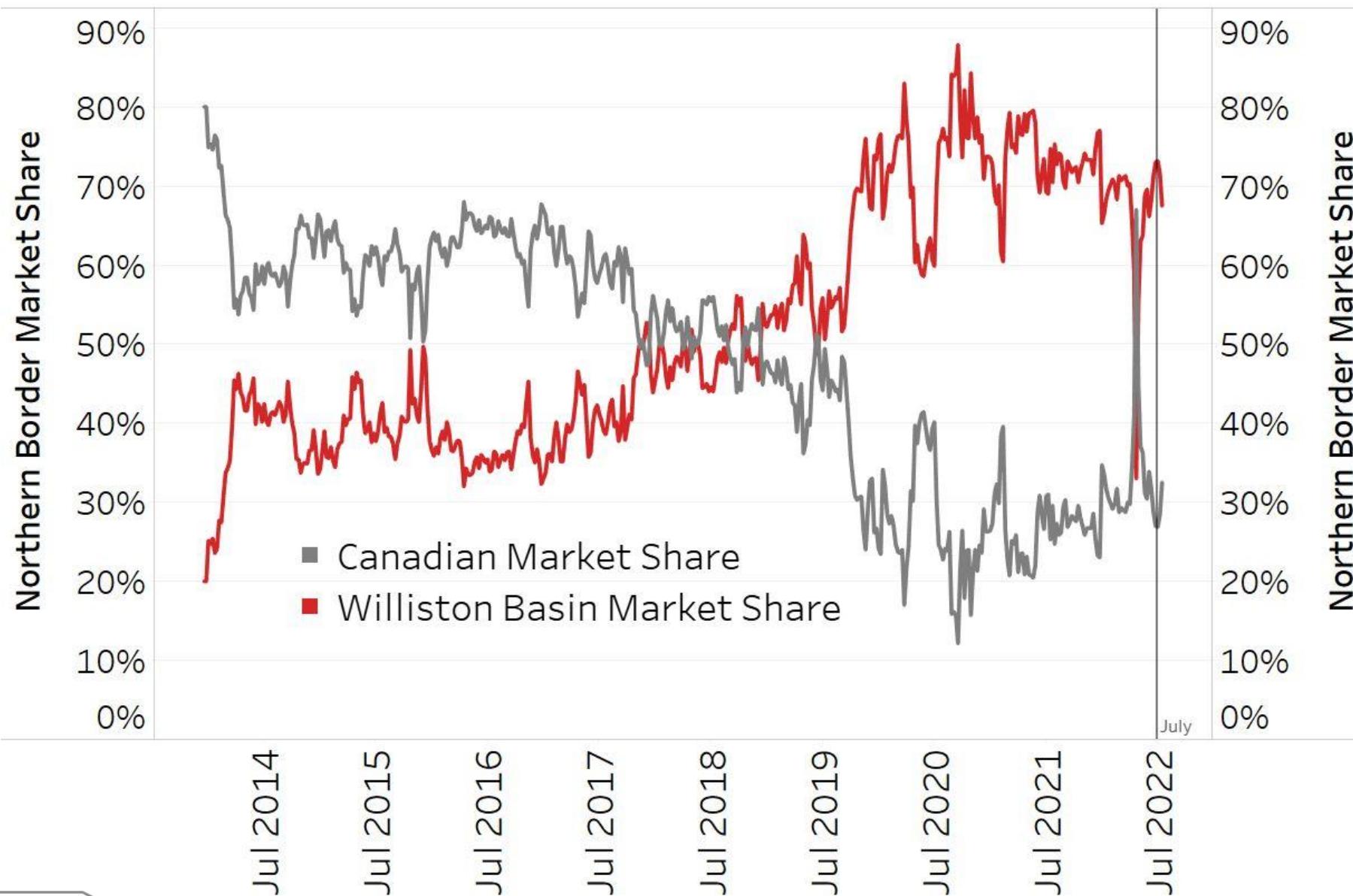
# Solving the Flaring Challenge



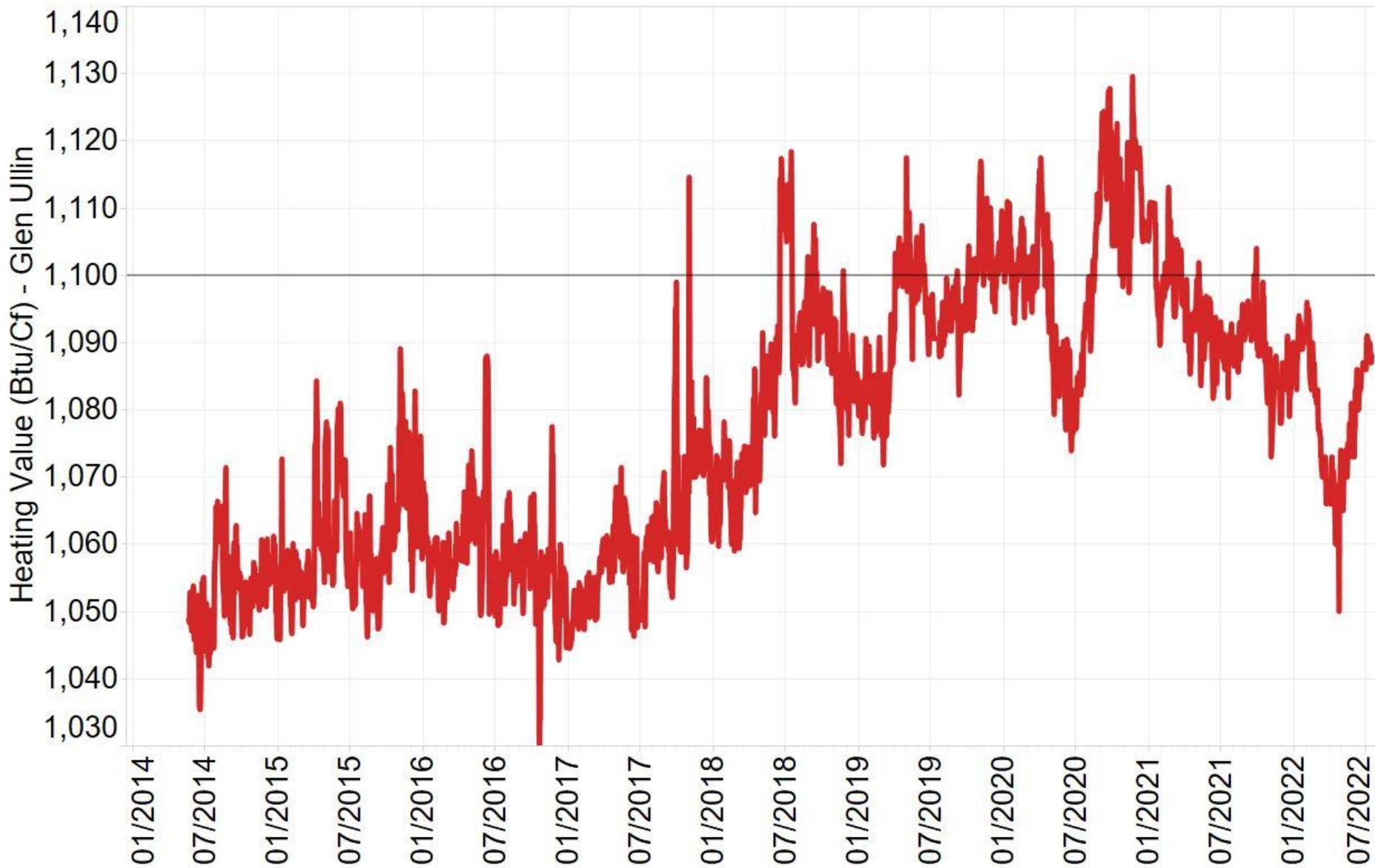
# Bakken Natural Gas Infrastructure



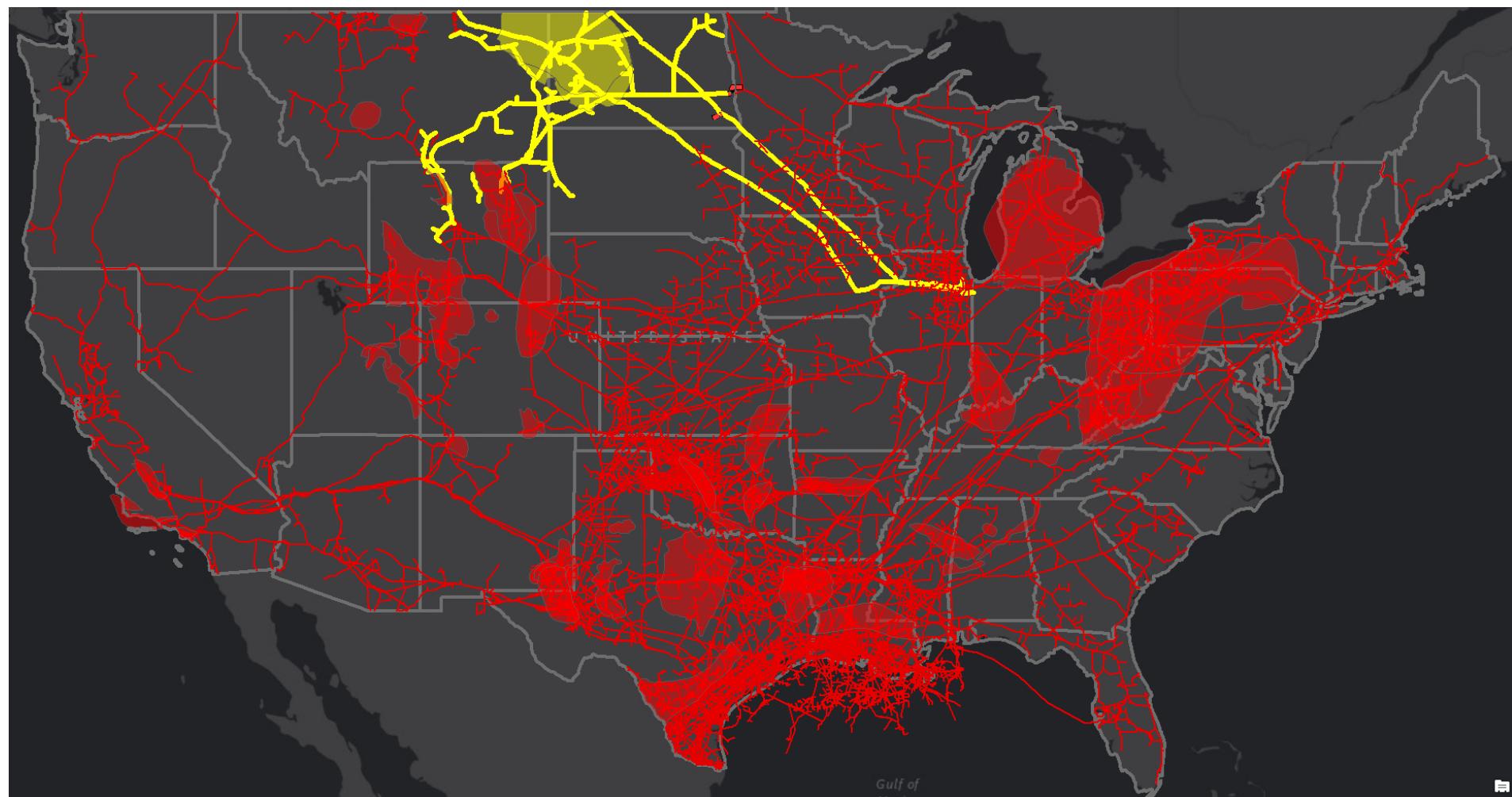
# Northern Border Pipeline Market Share



# Northern Border BTU at Glen Ullin, ND



# Bakken Natural Gas Infrastructure



# 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)

