



# **April 2019 Monthly Update**

## **North Dakota Pipeline Authority**

### **Justin J. Kringstad**

**April 12, 2019**

# US Williston Basin Oil Production - 2019

| MONTH     | ND        | Eastern MT* | SD    | TOTAL     |
|-----------|-----------|-------------|-------|-----------|
| January   | 1,403,808 | 56,720      | 3,276 | 1,463,804 |
| February  | 1,335,064 |             |       |           |
| March     |           |             |       |           |
| April     |           |             |       |           |
| May       |           |             |       |           |
| June      |           |             |       |           |
| July      |           |             |       |           |
| August    |           |             |       |           |
| September |           |             |       |           |
| October   |           |             |       |           |
| November  |           |             |       |           |
| December  |           |             |       |           |

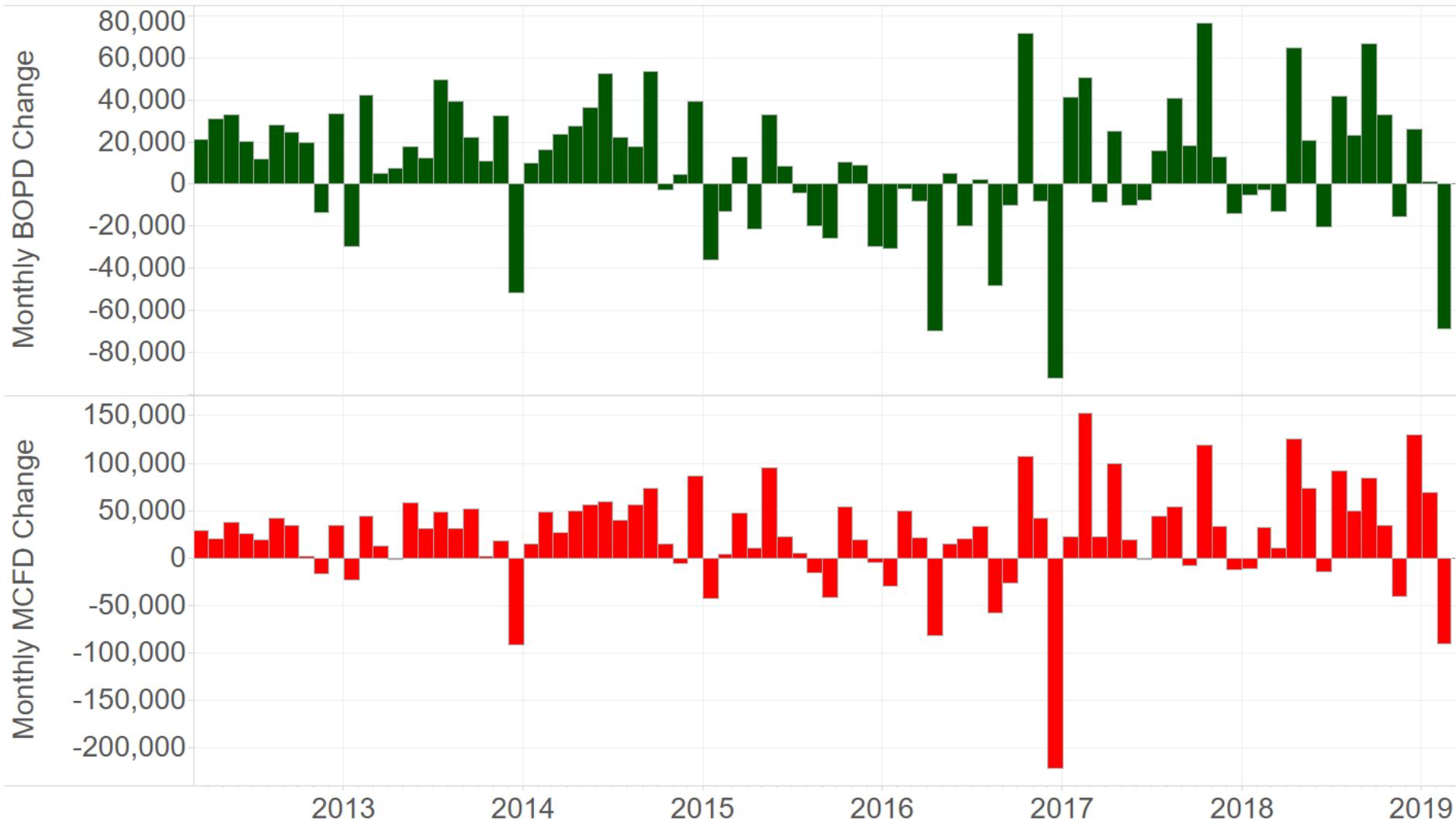


# US Williston Basin Oil Production - 2018

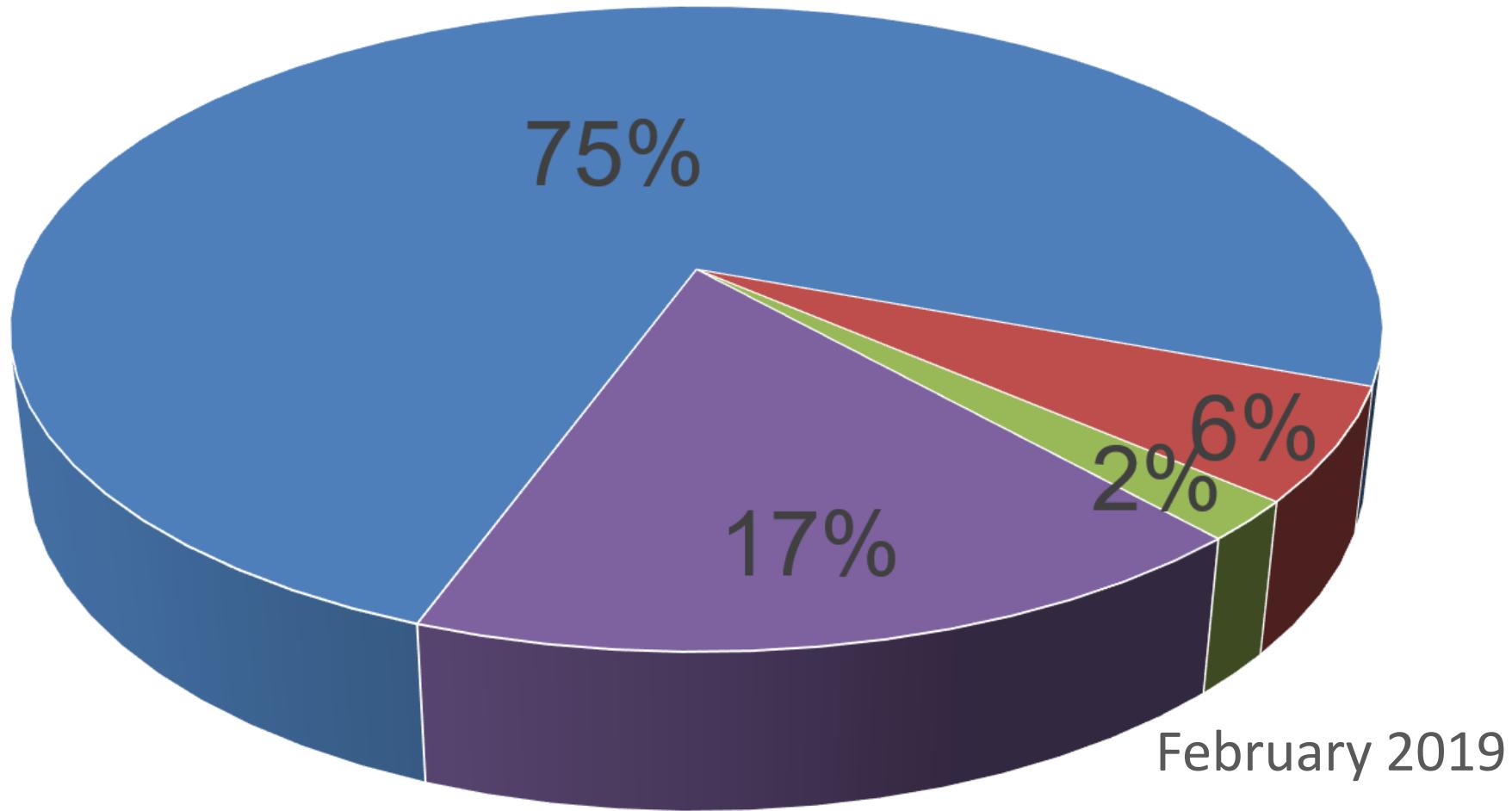
| MONTH     | ND        | Eastern MT* | SD    | TOTAL     |
|-----------|-----------|-------------|-------|-----------|
| January   | 1,177,590 | 50,110      | 3,555 | 1,231,254 |
| February  | 1,175,035 | 50,861      | 3,628 | 1,229,523 |
| March     | 1,162,091 | 49,830      | 3,502 | 1,215,423 |
| April     | 1,226,879 | 52,426      | 3,515 | 1,282,820 |
| May       | 1,247,680 | 53,717      | 3,471 | 1,304,868 |
| June      | 1,231,099 | 53,987      | 3,452 | 1,288,538 |
| July      | 1,269,212 | 53,187      | 3,396 | 1,325,795 |
| August    | 1,292,457 | 56,988      | 3,485 | 1,352,930 |
| September | 1,359,238 | 57,220      | 3,487 | 1,419,945 |
| October   | 1,392,407 | 56,131      | 3,386 | 1,451,924 |
| November  | 1,376,803 | 58,660      | 3,339 | 1,438,802 |
| December  | 1,402,741 | 58,445      | 3,233 | 1,464,419 |



# Monthly Production Change



# Estimated Williston Basin Oil Transportation

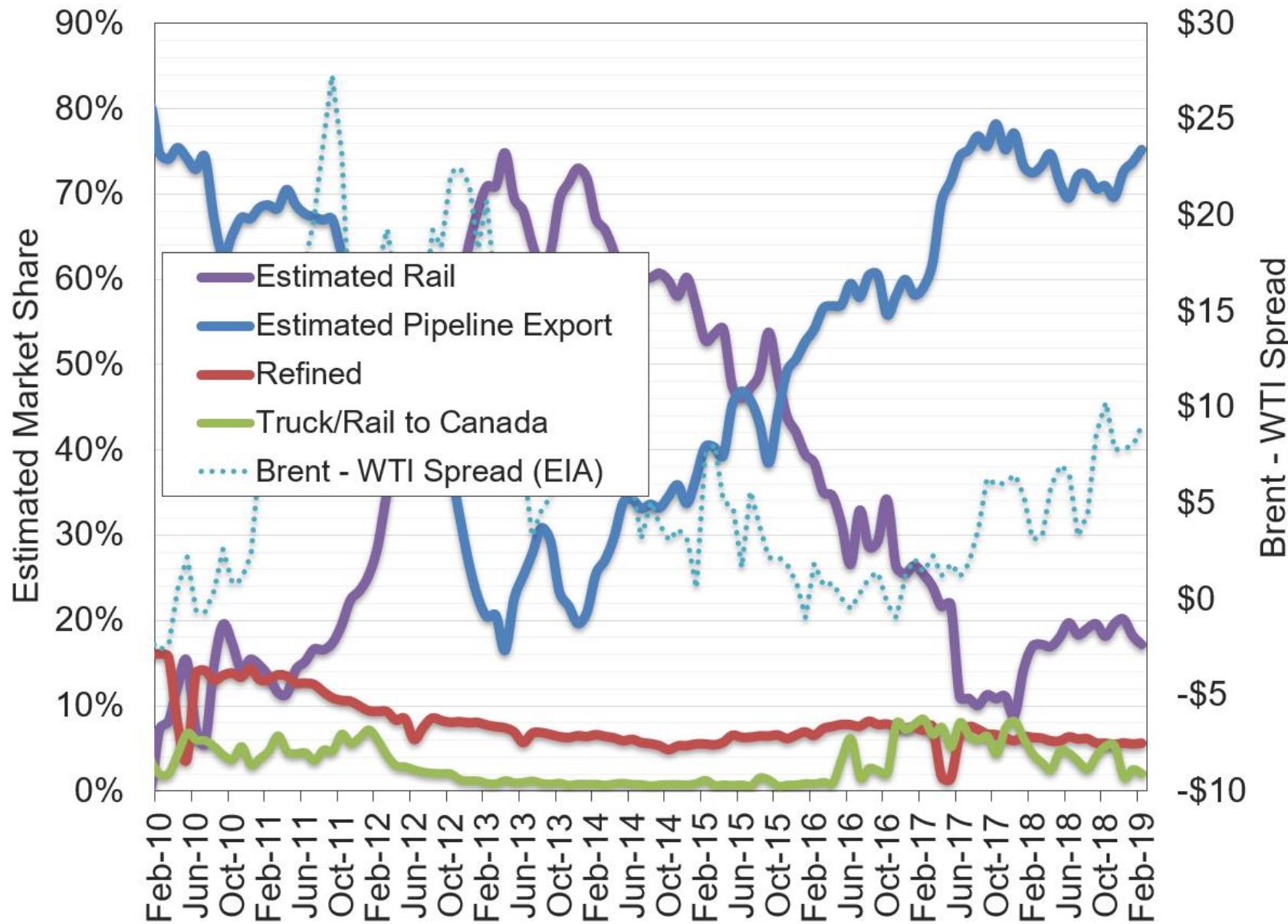


- Pipeline Export
- Truck/Rail to Canada

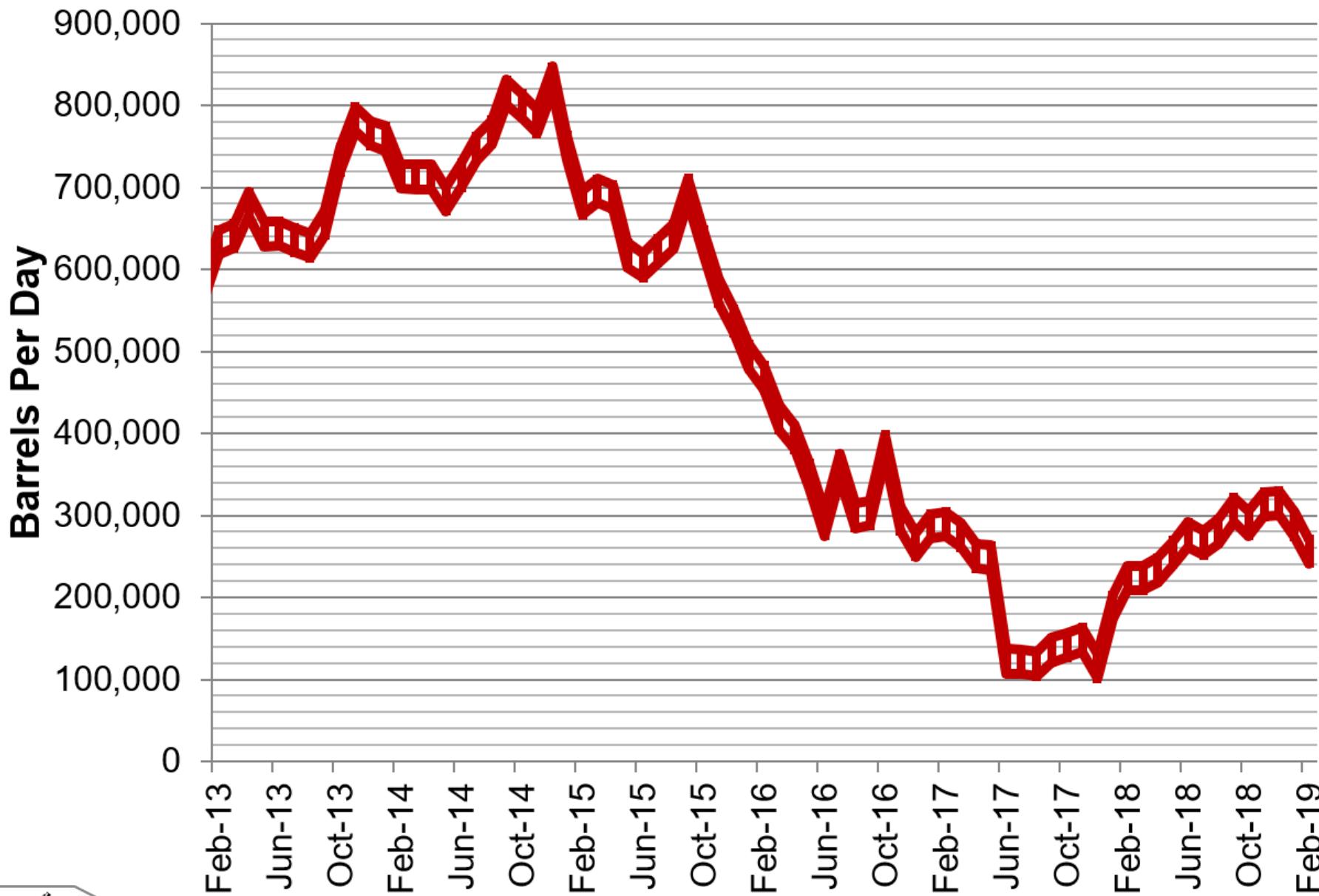
- Refined
- Estimated Rail



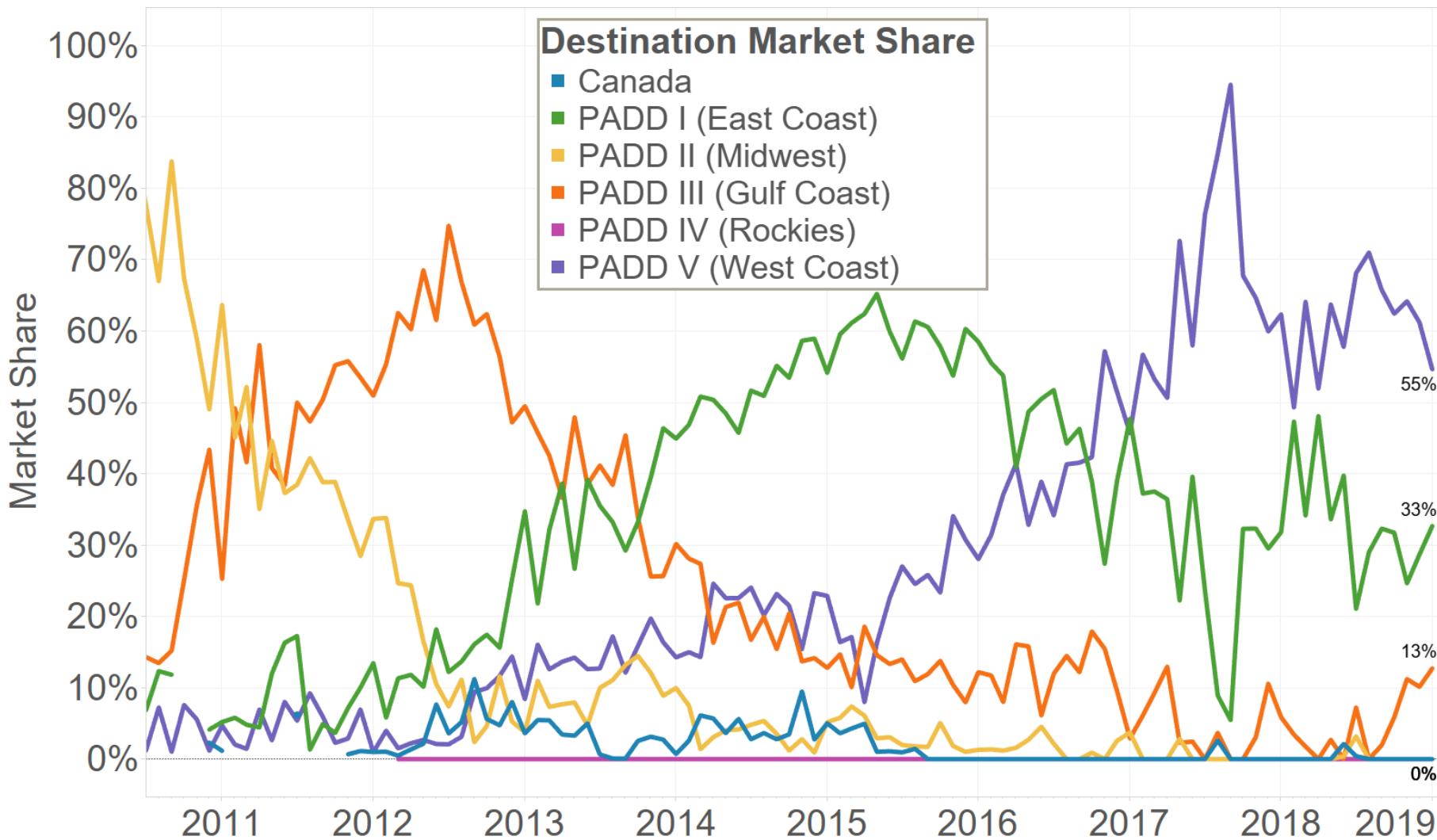
# Estimated Williston Basin Oil Transportation



# Estimated ND Rail Export Volumes



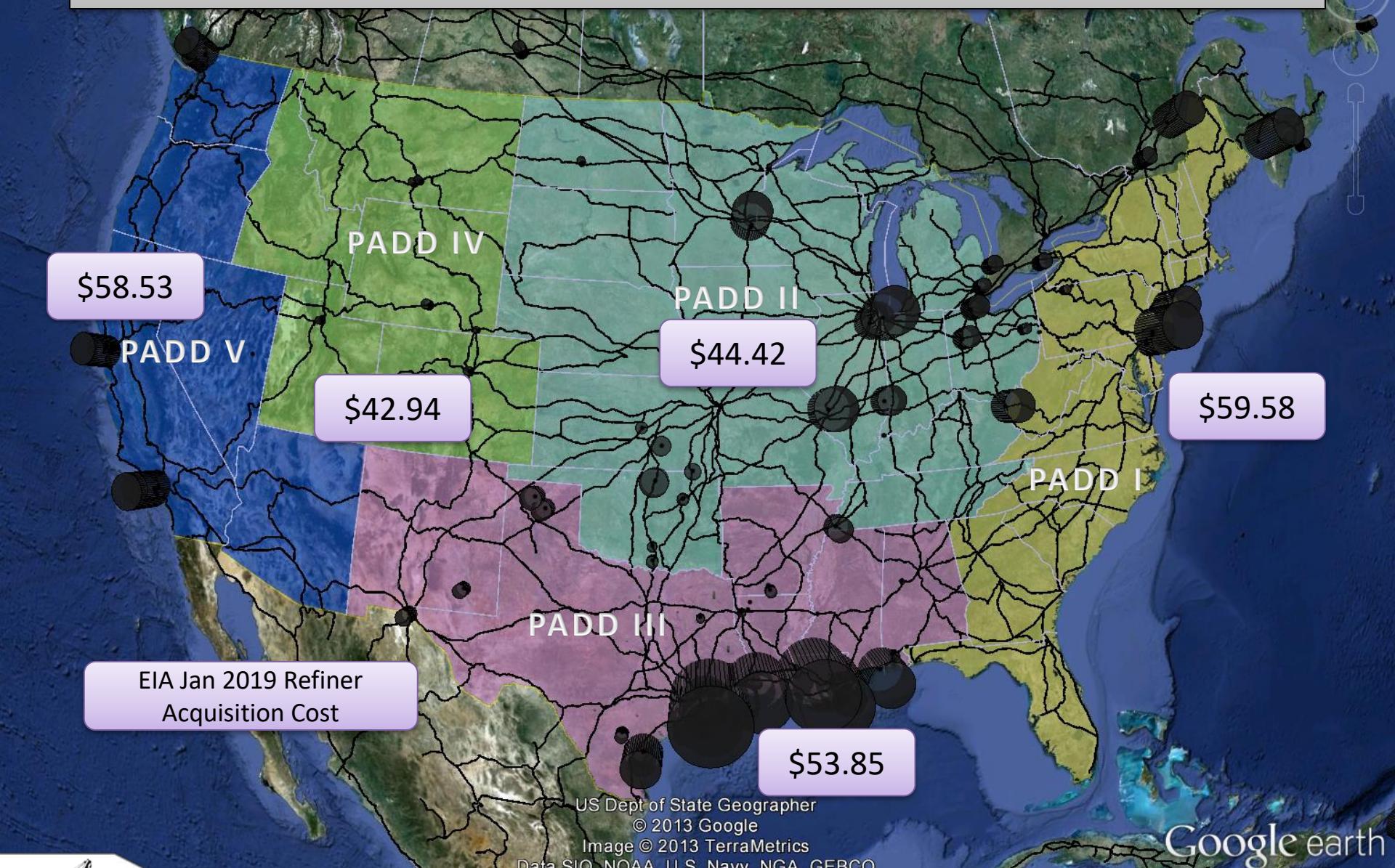
# Rail Destinations Market Share (Jan. 2019)



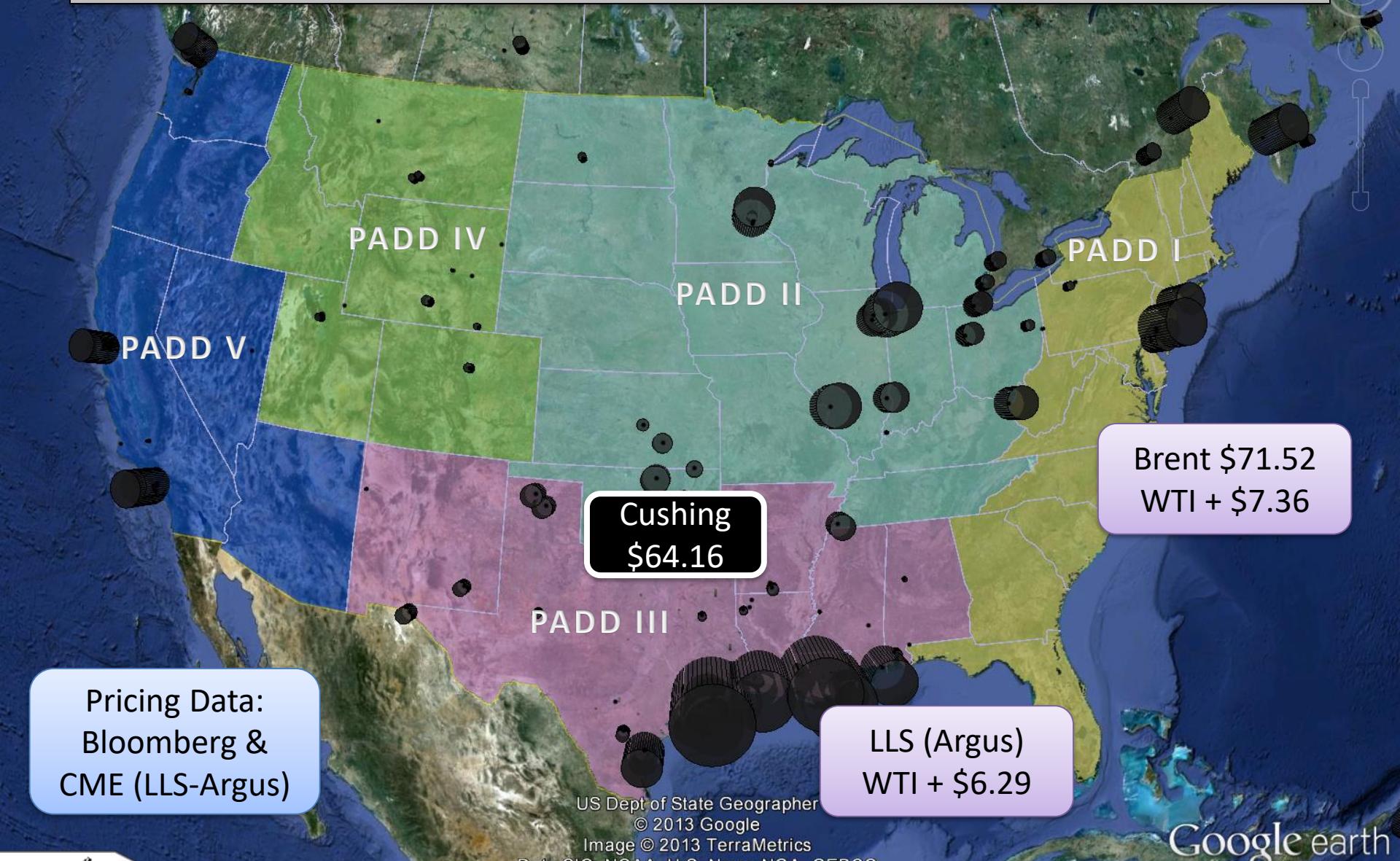
*Data for Rail Destination Market Share Provided by the US Energy Information Administration*



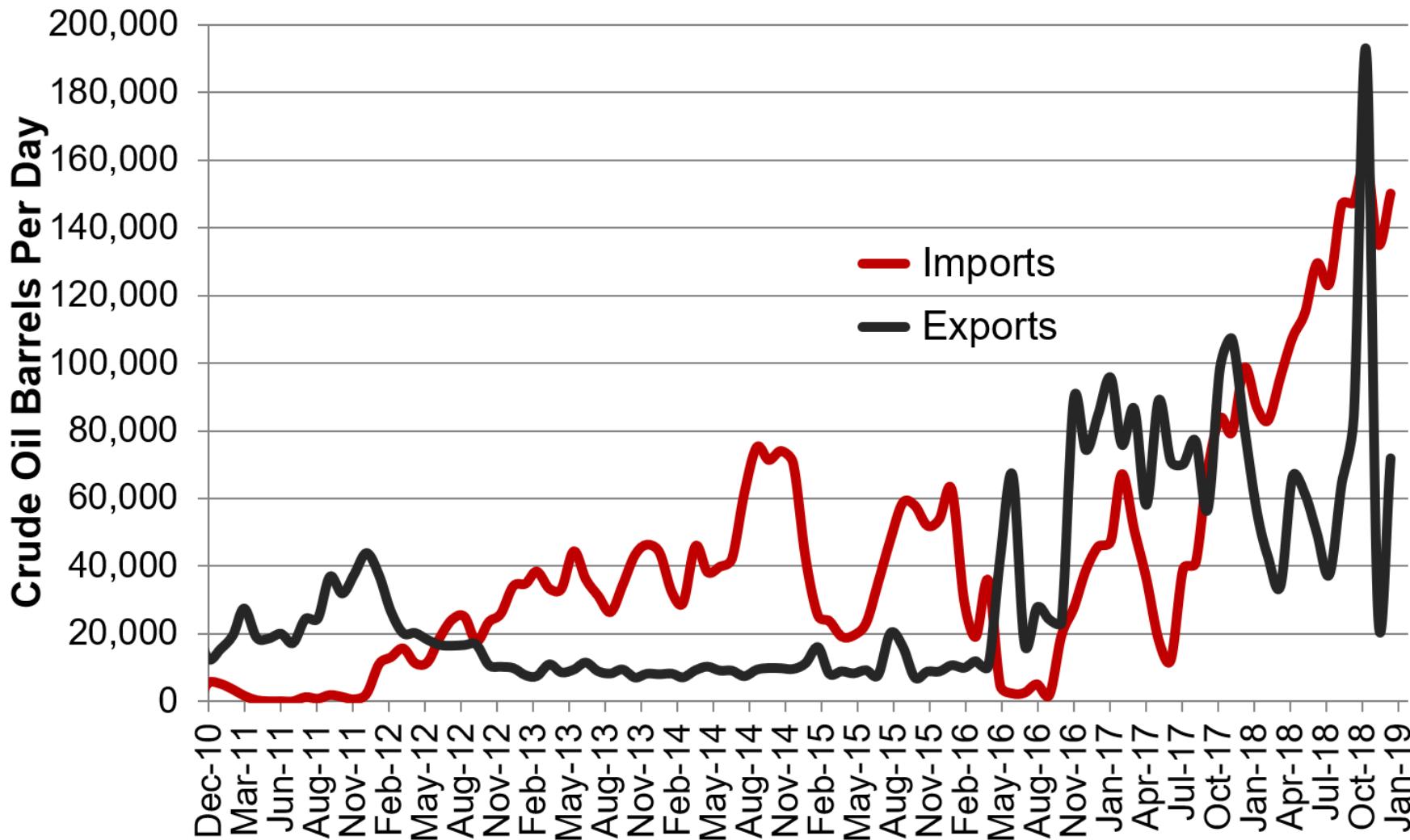
# Major Rail Lines and Refineries



# Crude Oil Prices – April 12, 2019



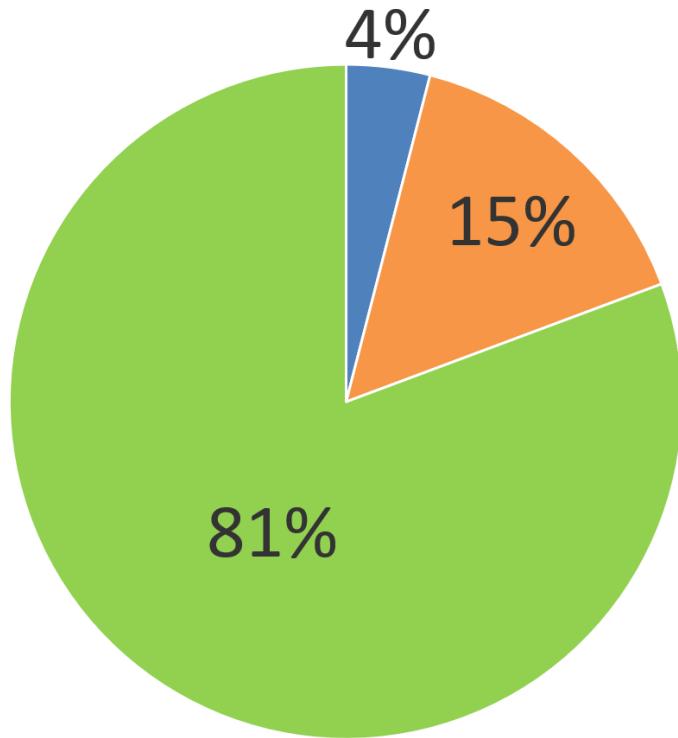
# Williston Basin Truck/Rail Imports and Exports with Canada



*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



Statewide

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

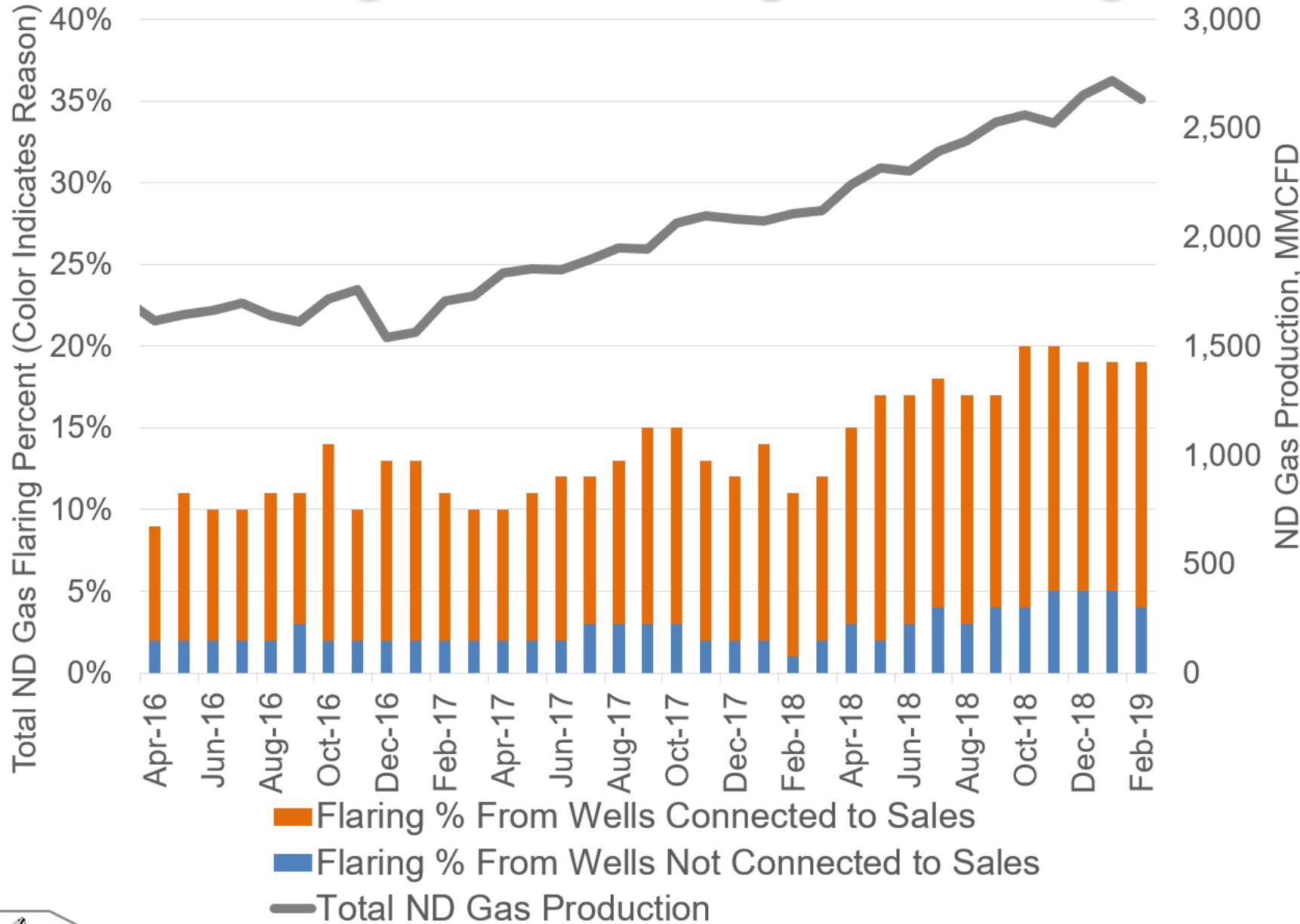
## Simple Terms

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

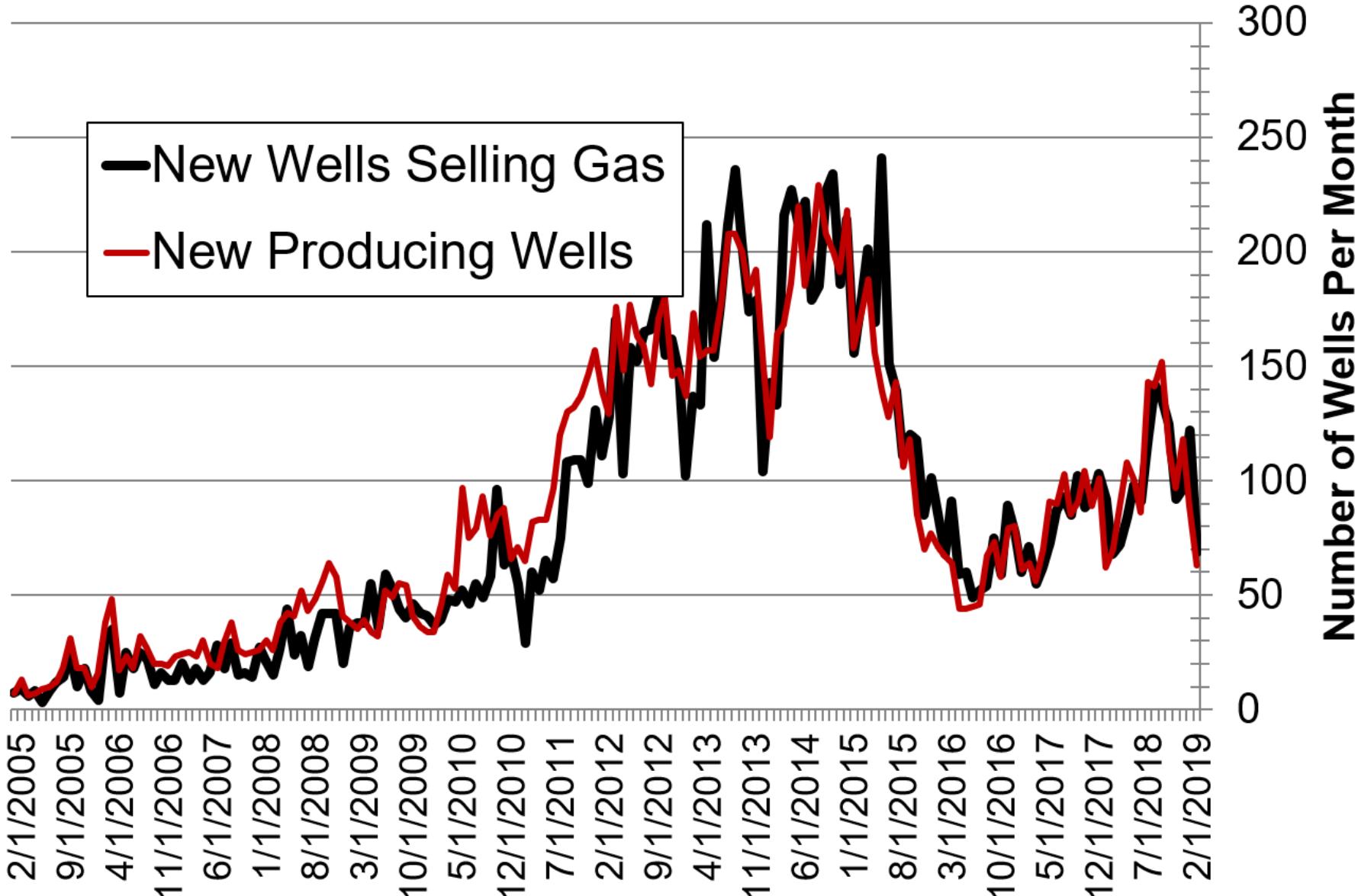
February 2019 Data – Non-Confidential Wells



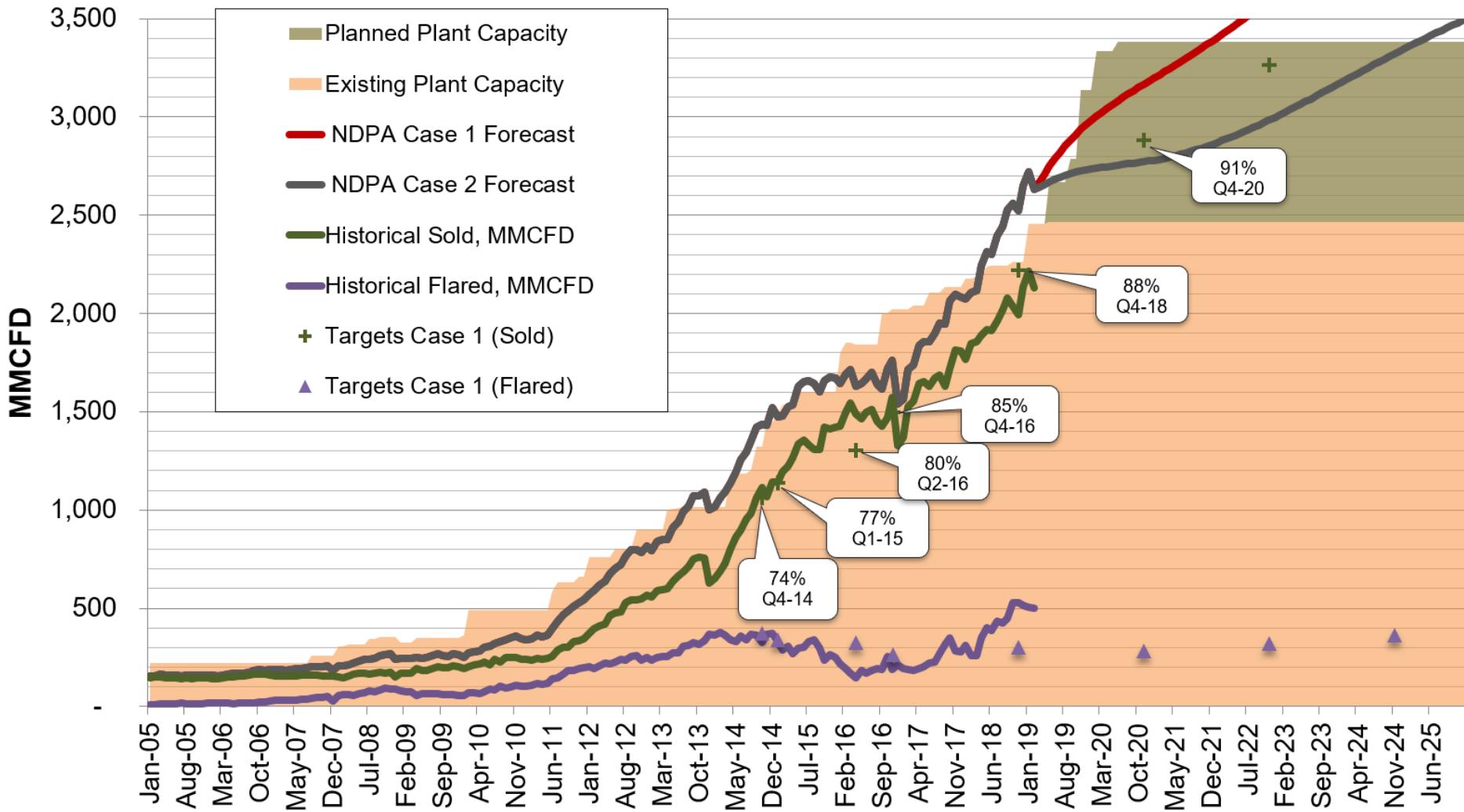
# Solving the Flaring Challenge



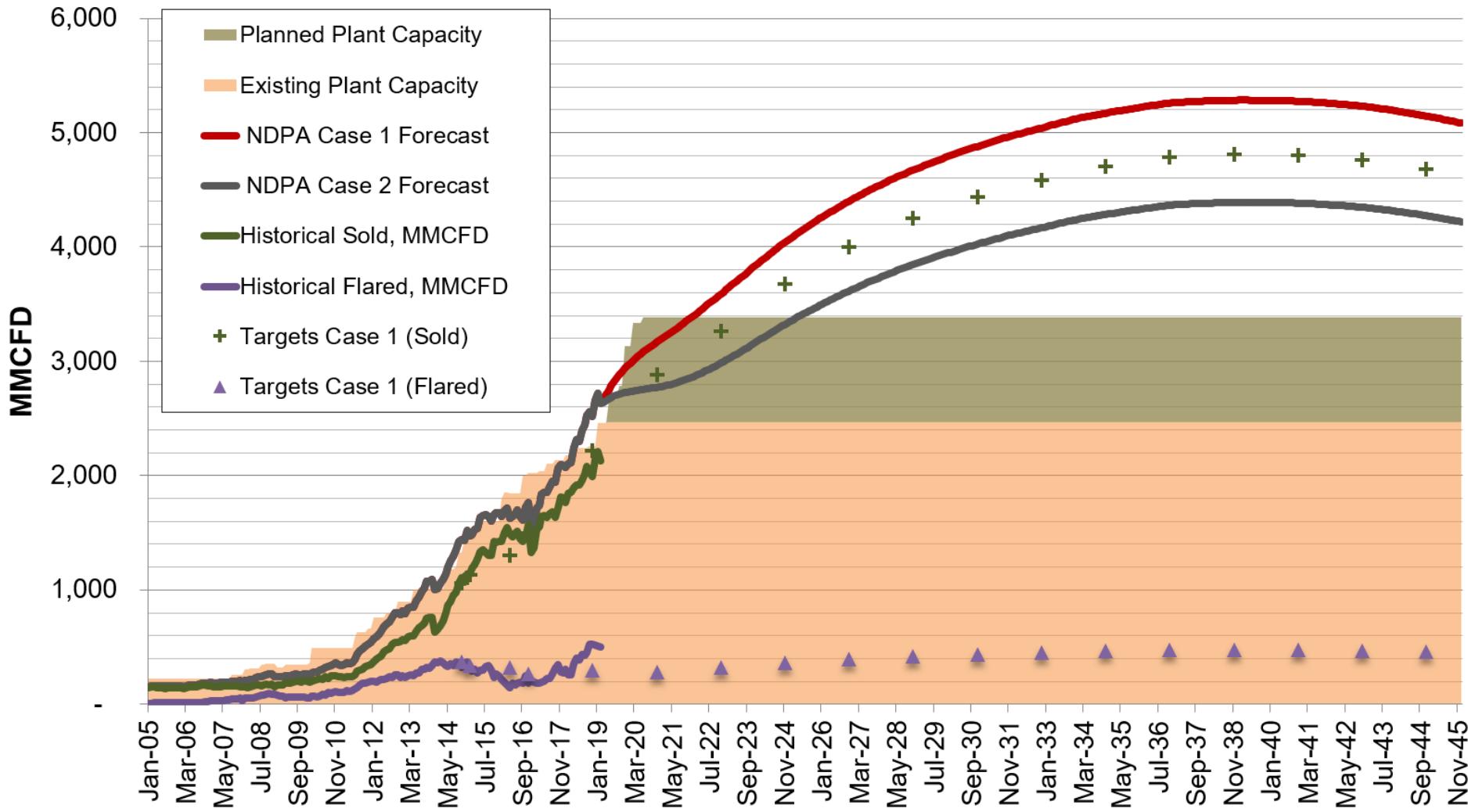
# Solving the Flaring Challenge



# 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)

