



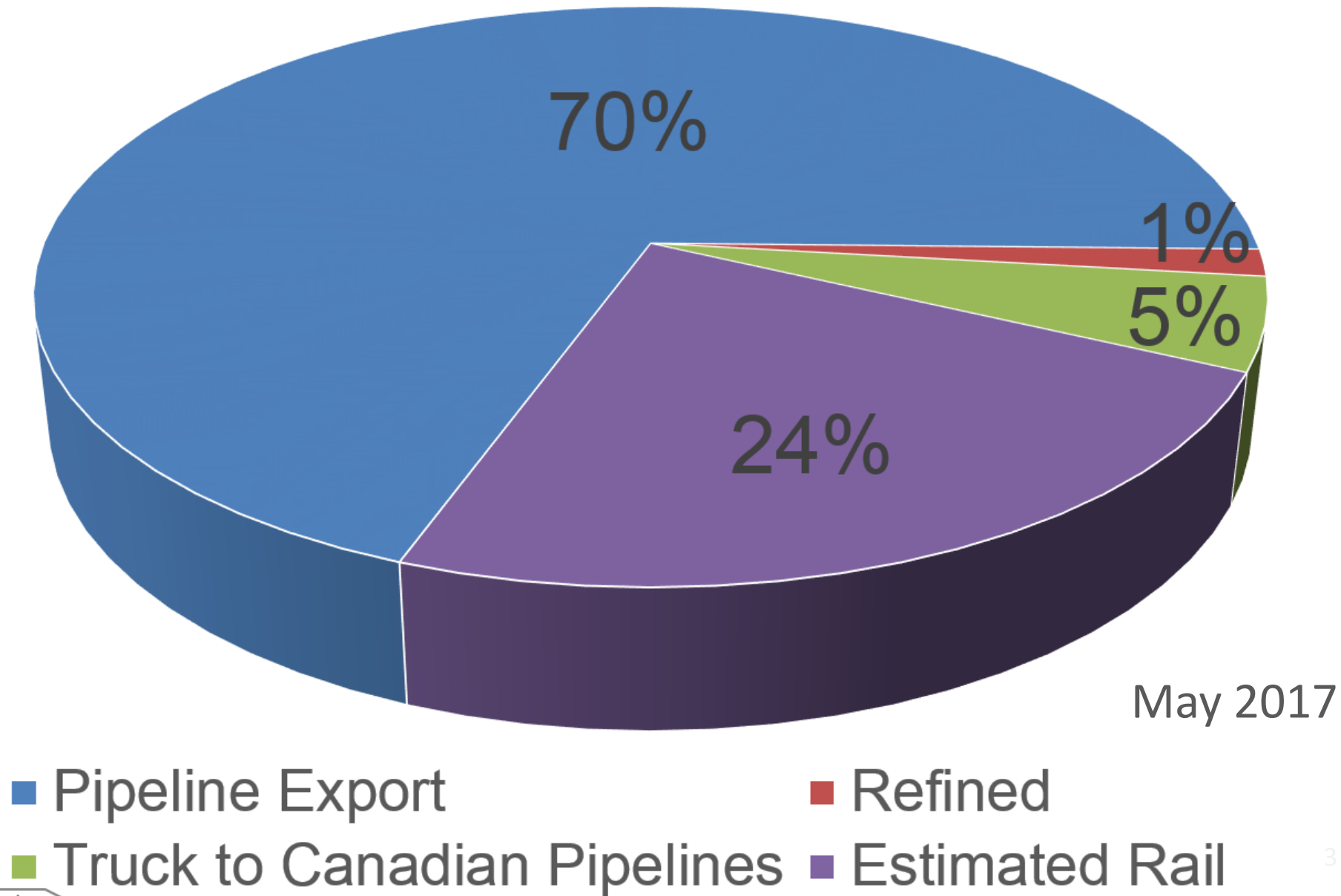
July 2017 Monthly Update
North Dakota Pipeline Authority
Justin J. Kringstad
July 14, 2017

US Williston Basin Oil Production - 2017

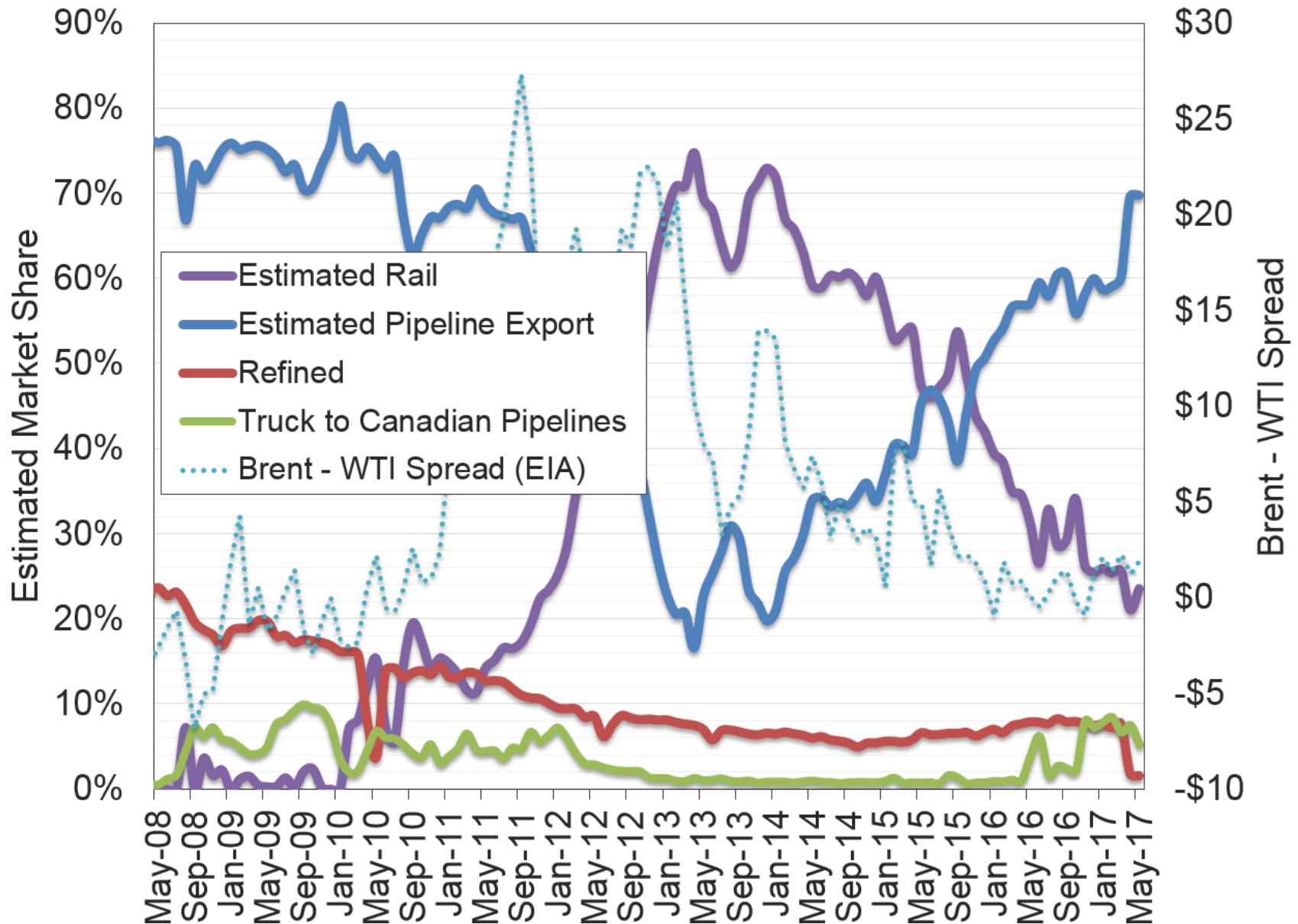
| MONTH | ND | Eastern MT* | SD | TOTAL |
|-----------|-----------|-------------|-------|-----------|
| January | 983,740 | 52,626 | 3,553 | 1,039,919 |
| February | 1,033,941 | 53,828 | 3,718 | 1,091,487 |
| March | 1,025,690 | 52,729 | 3,705 | 1,082,124 |
| April | 1,050,476 | 52,135 | 3,773 | 1,106,383 |
| May | 1,040,131 | | 3,420 | |
| June | | | | |
| July | | | | |
| August | | | | |
| September | | | | |
| October | | | | |
| November | | | | |
| December | | | | |



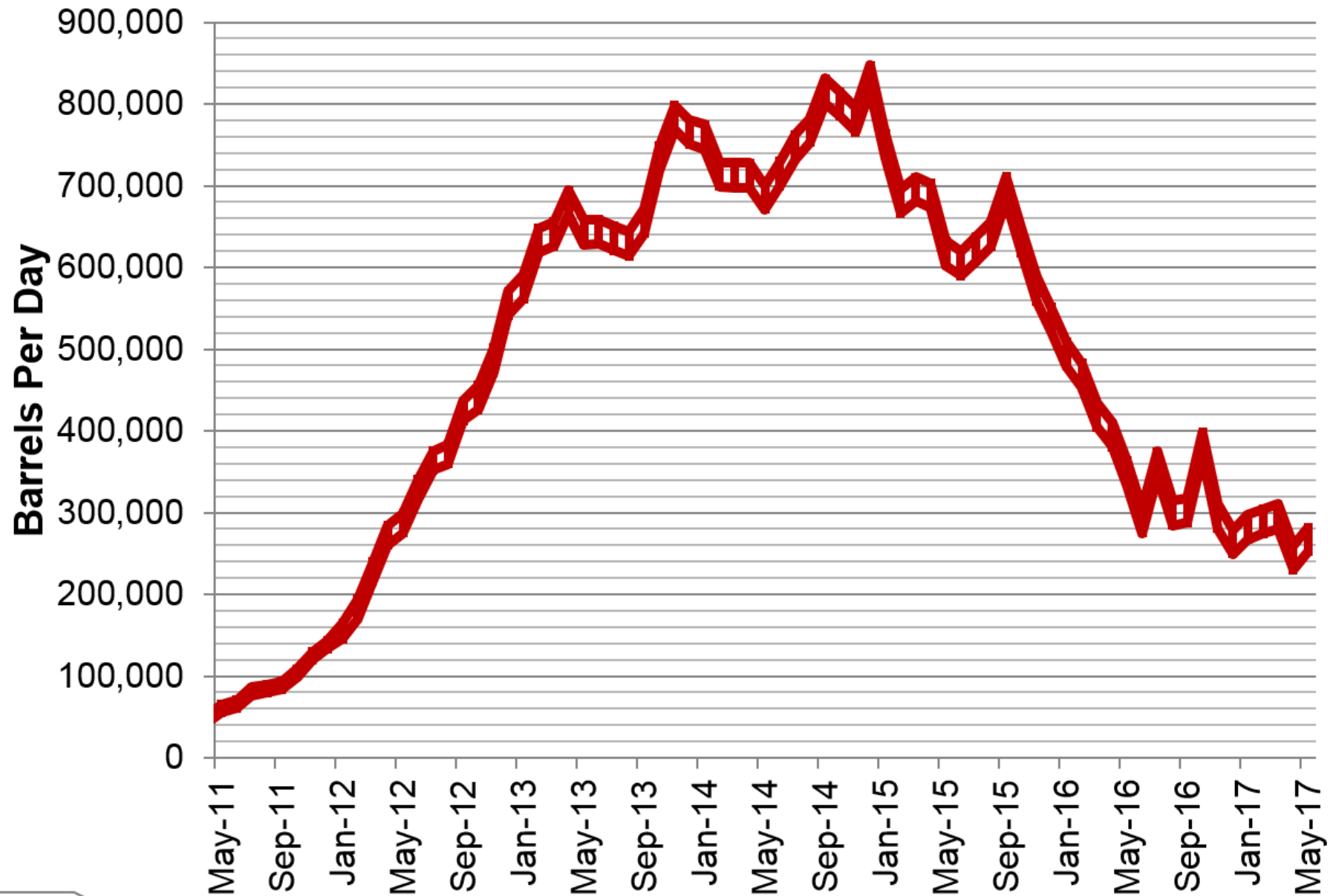
Estimated Williston Basin Oil Transportation



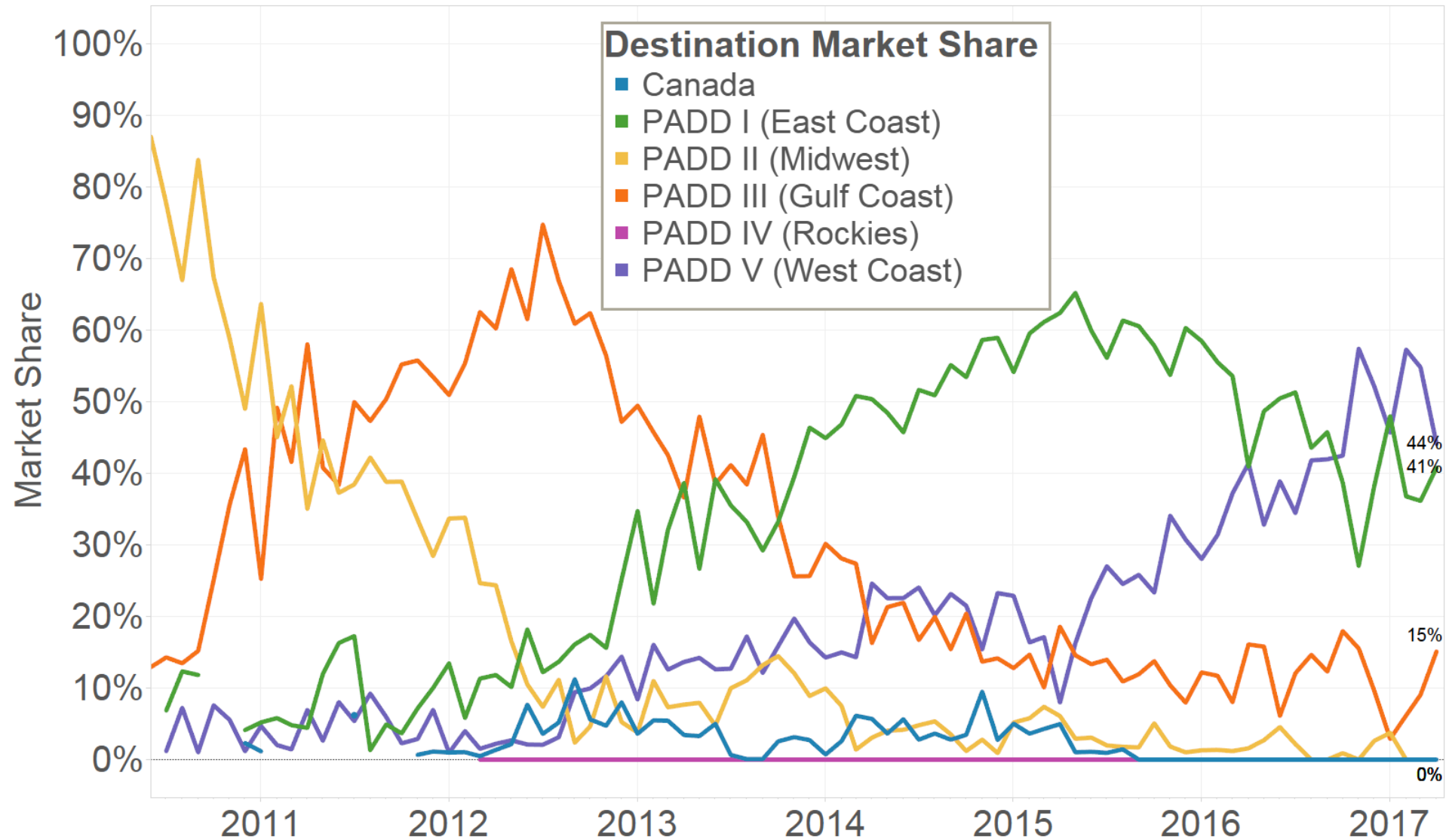
Estimated Williston Basin Oil Transportation



Estimated ND Rail Export Volumes



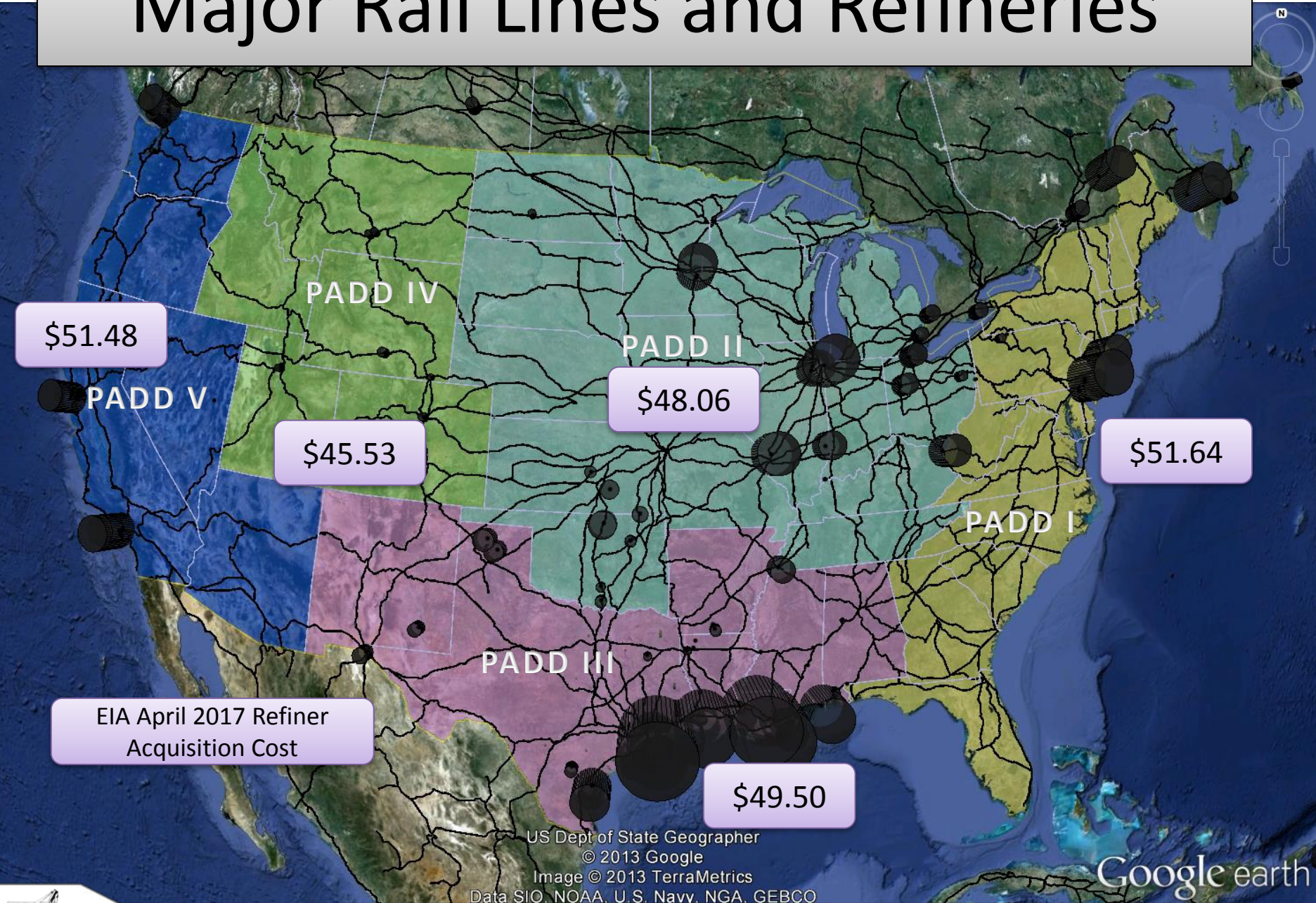
Rail Destinations Market Share (Apr. 2017)



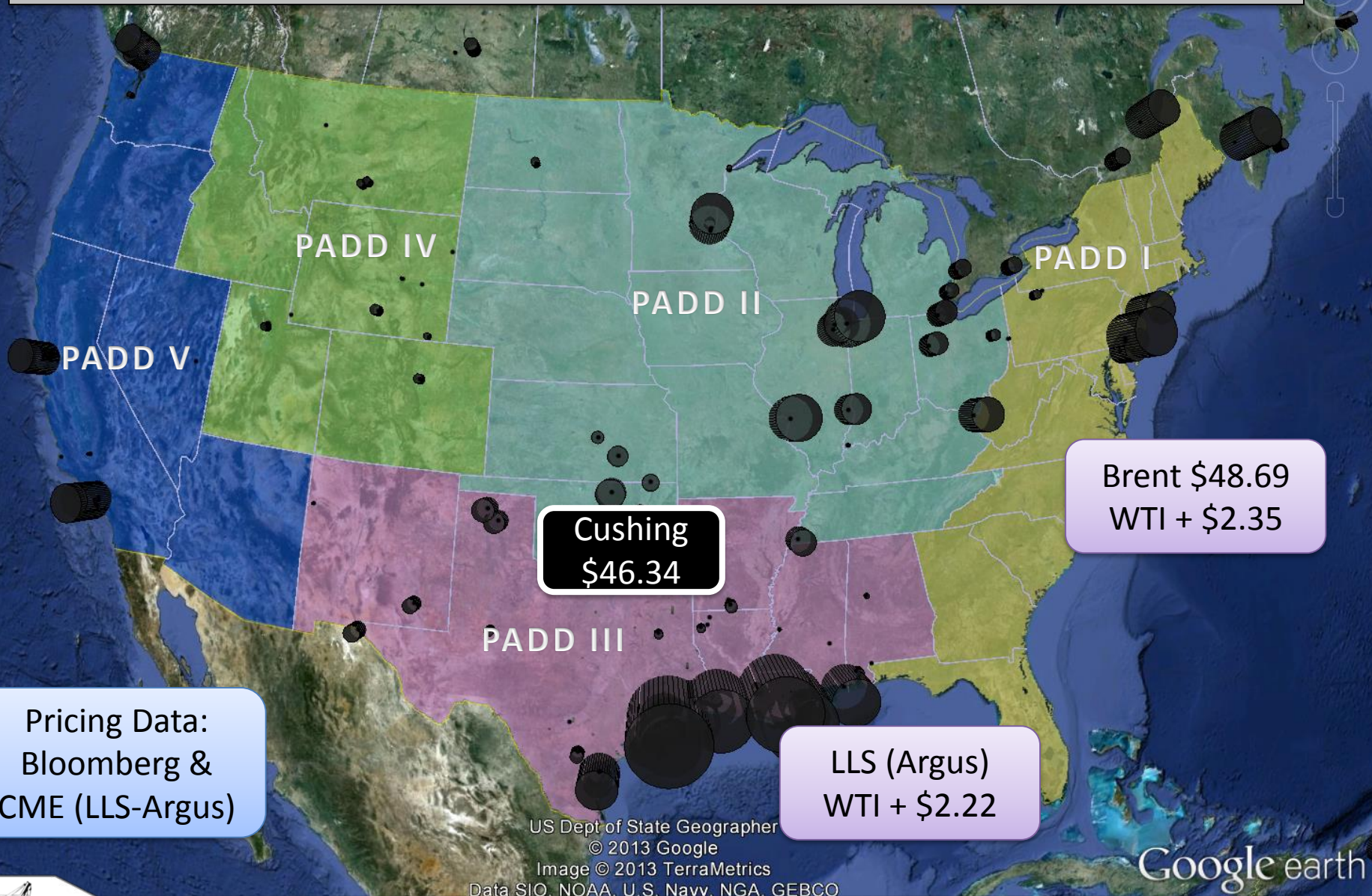
Data for Rail Destination Market Share Provided by the US Energy Information Administration



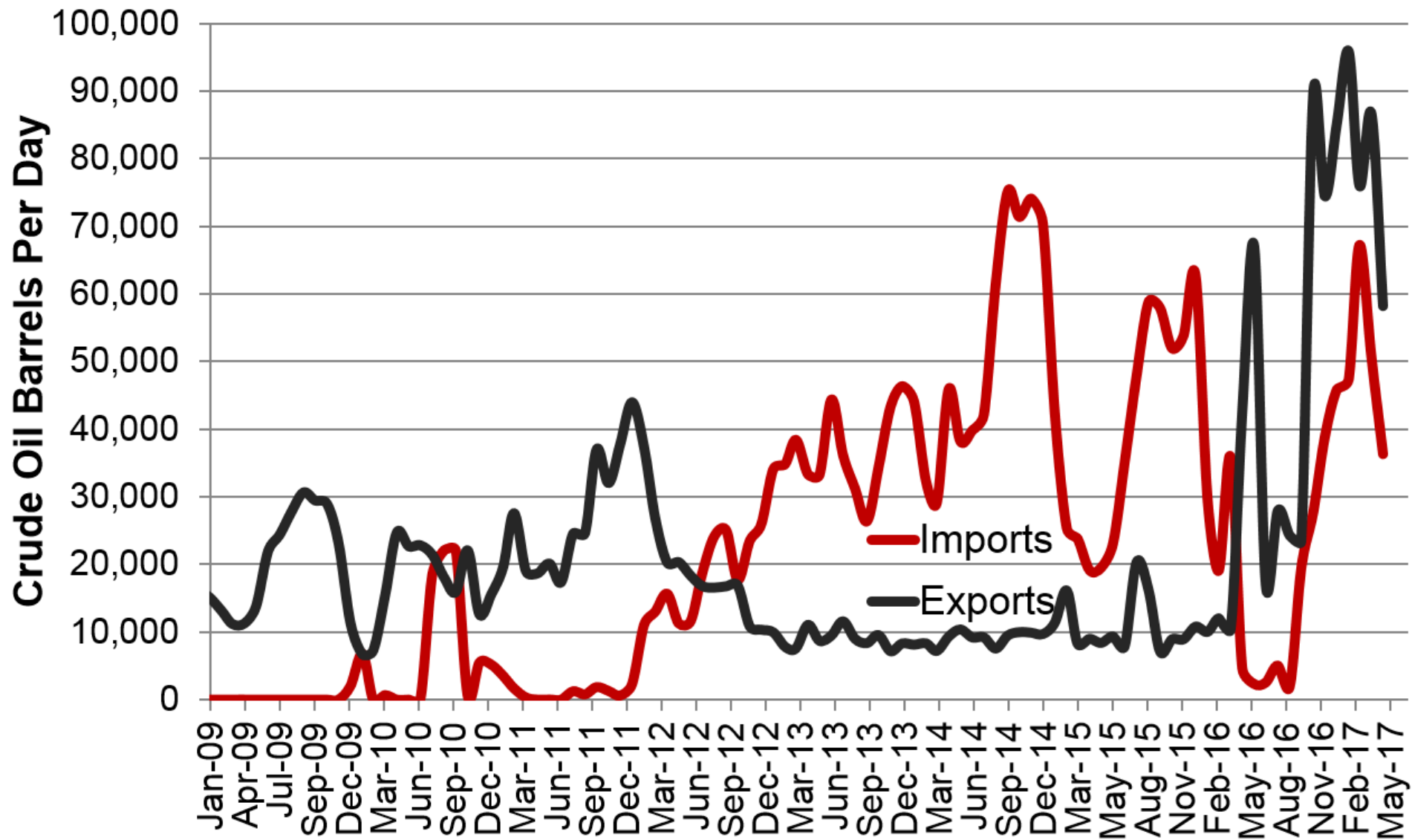
Major Rail Lines and Refineries



Crude Oil Prices – July 14, 2017



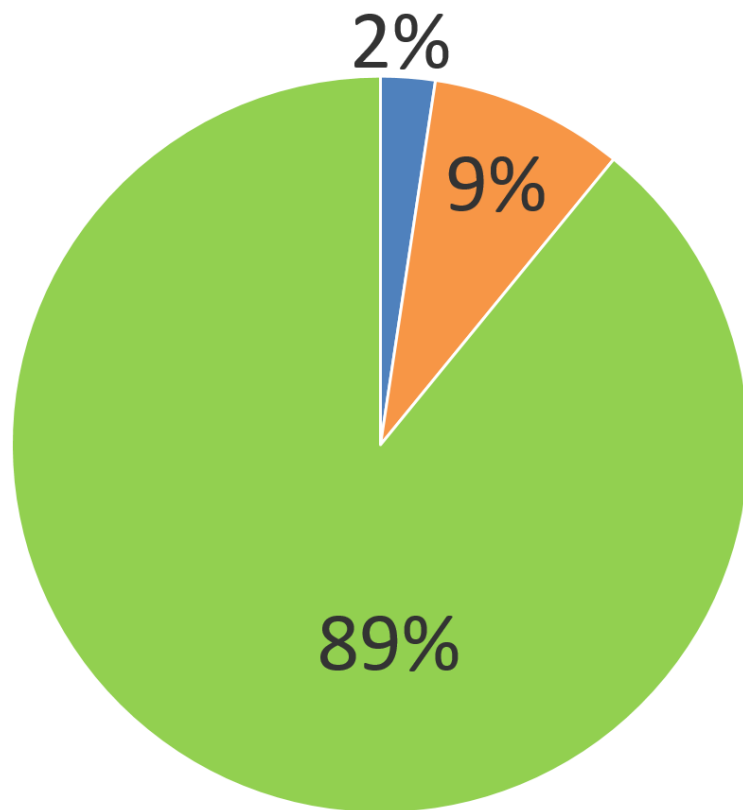
Williston Basin Truck Imports and Exports with Canada



Data for truck imports/exports chart is provided by the US International Trade Commission



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.

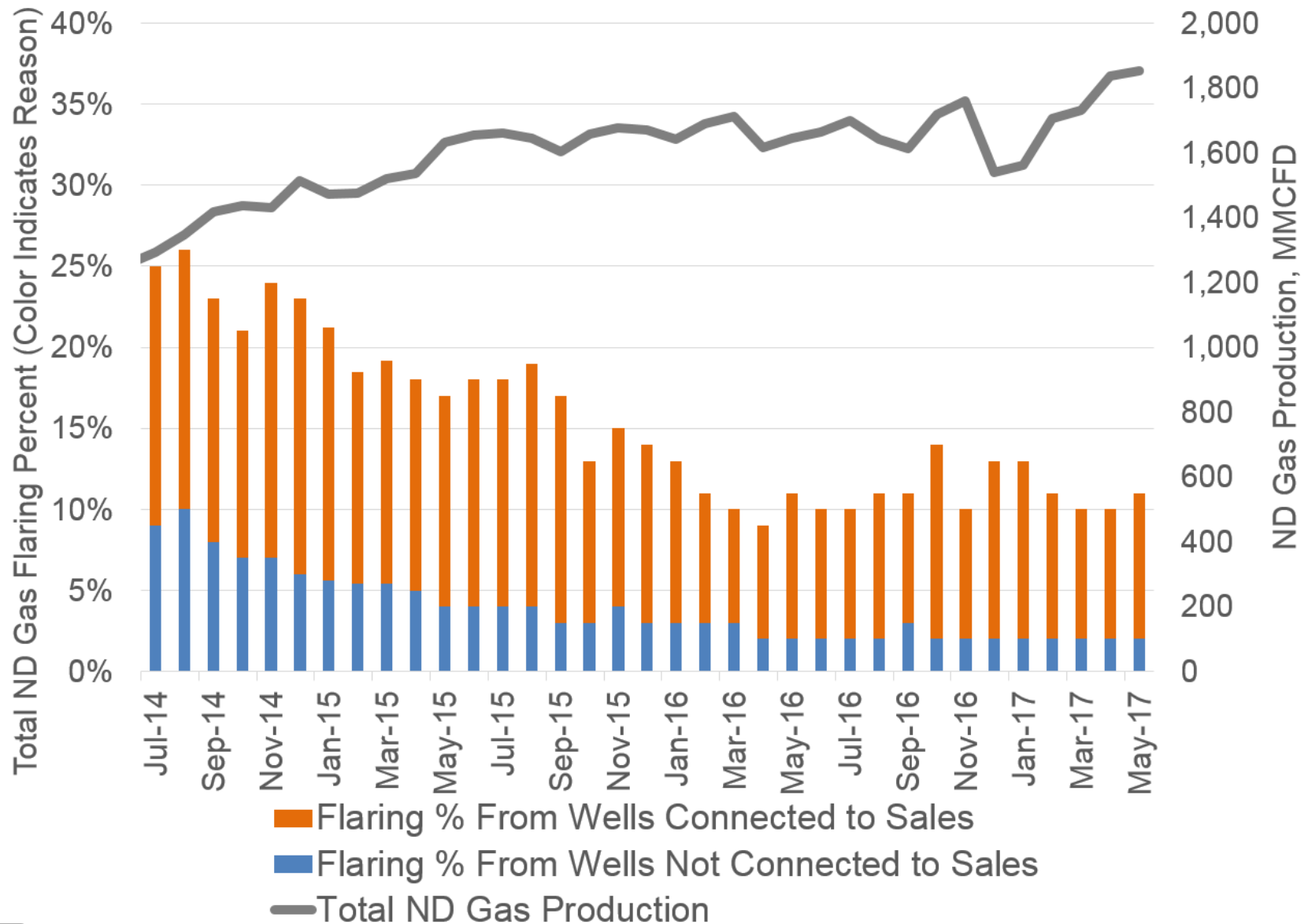
Simple Terms

Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

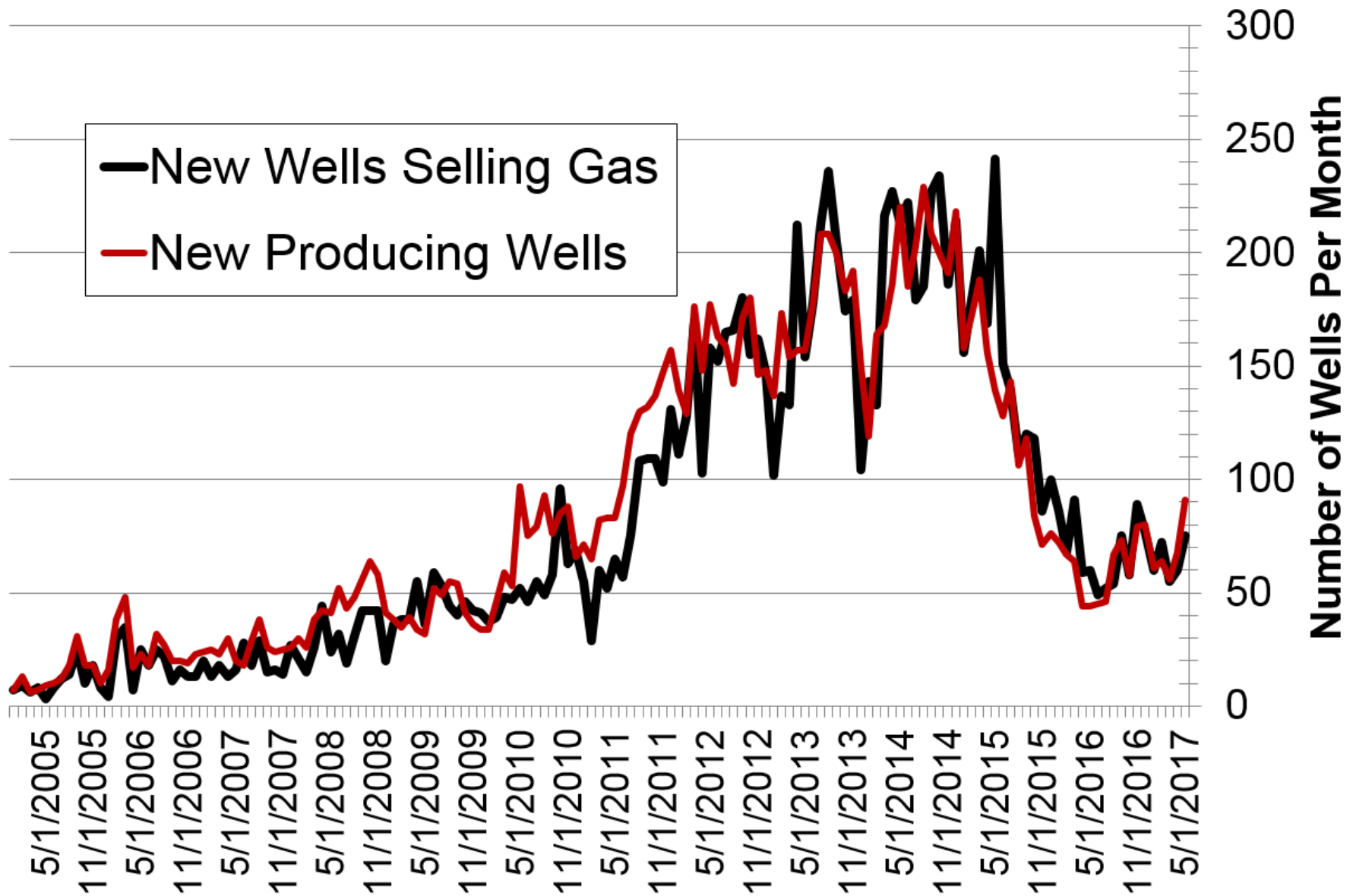
May 2017 Data – Non-Confidential Wells



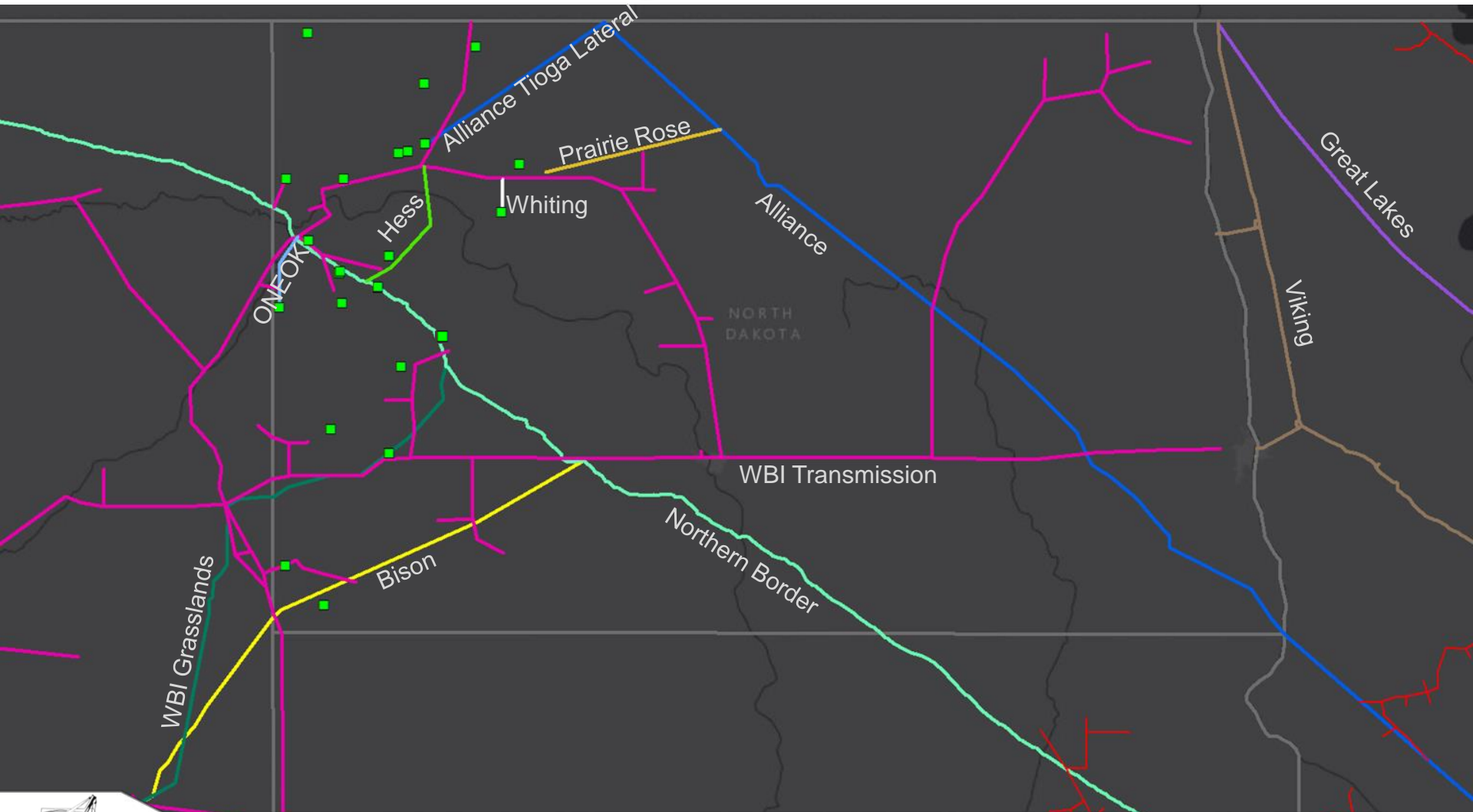
Solving the Flaring Challenge



Solving the Flaring Challenge

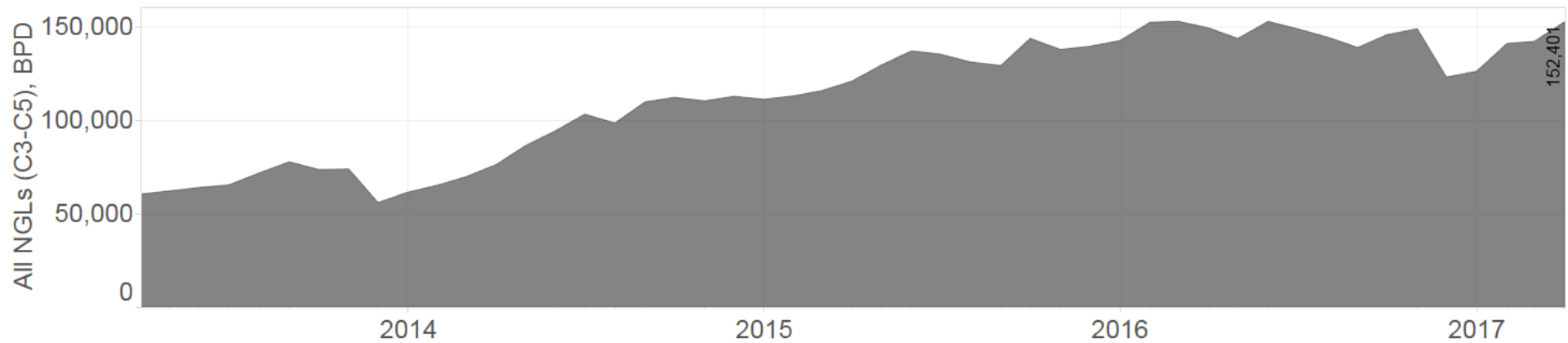


Major Gas Pipeline and Processing Infrastructure

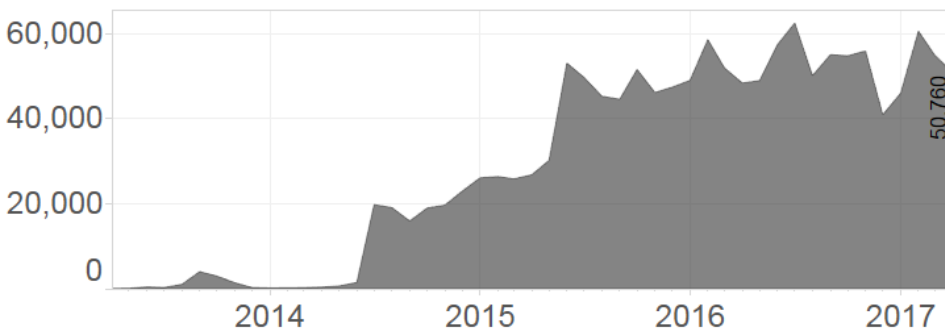


Plant Natural Gas Liquids - (Apr 2017)

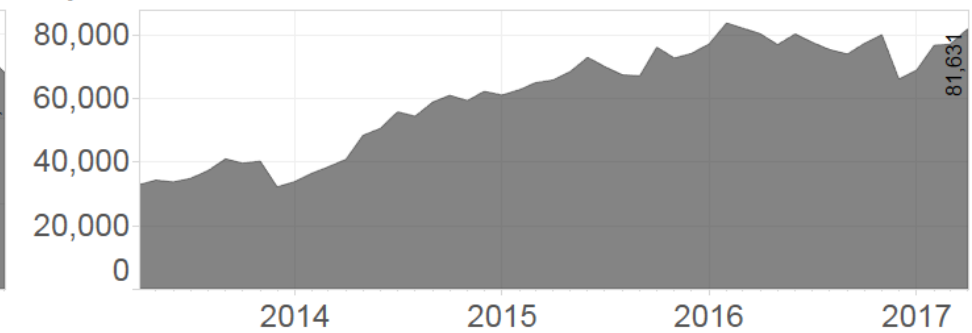
All NGLs, BPD



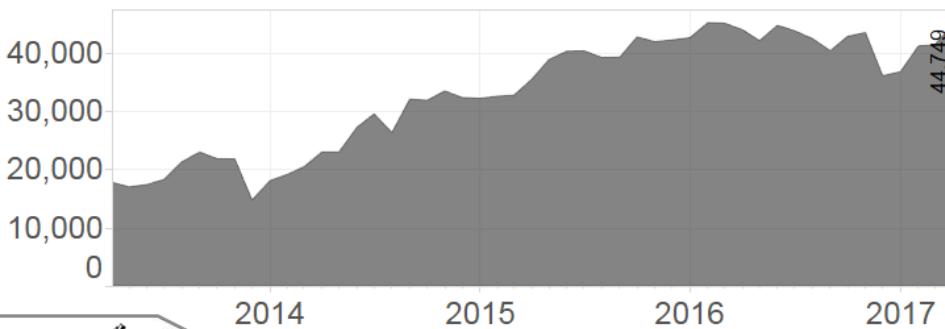
Ethane, BPD



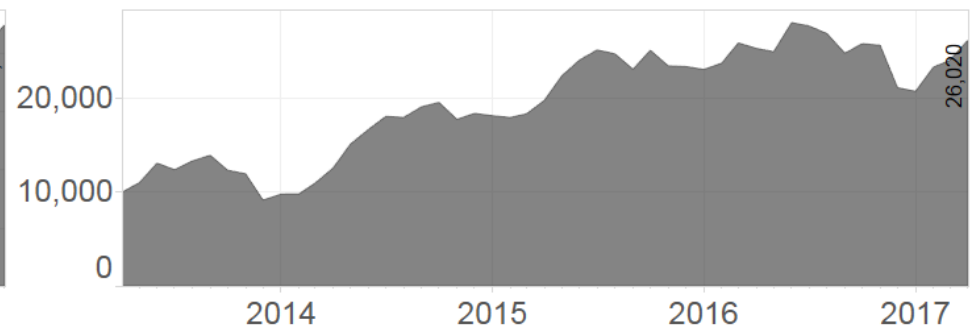
Propane, BPD



Butane, BPD



Natural Gasoline, BPD



Contact Information

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