



October 2014 Monthly Update

North Dakota Pipeline Authority

Justin J. Kringstad

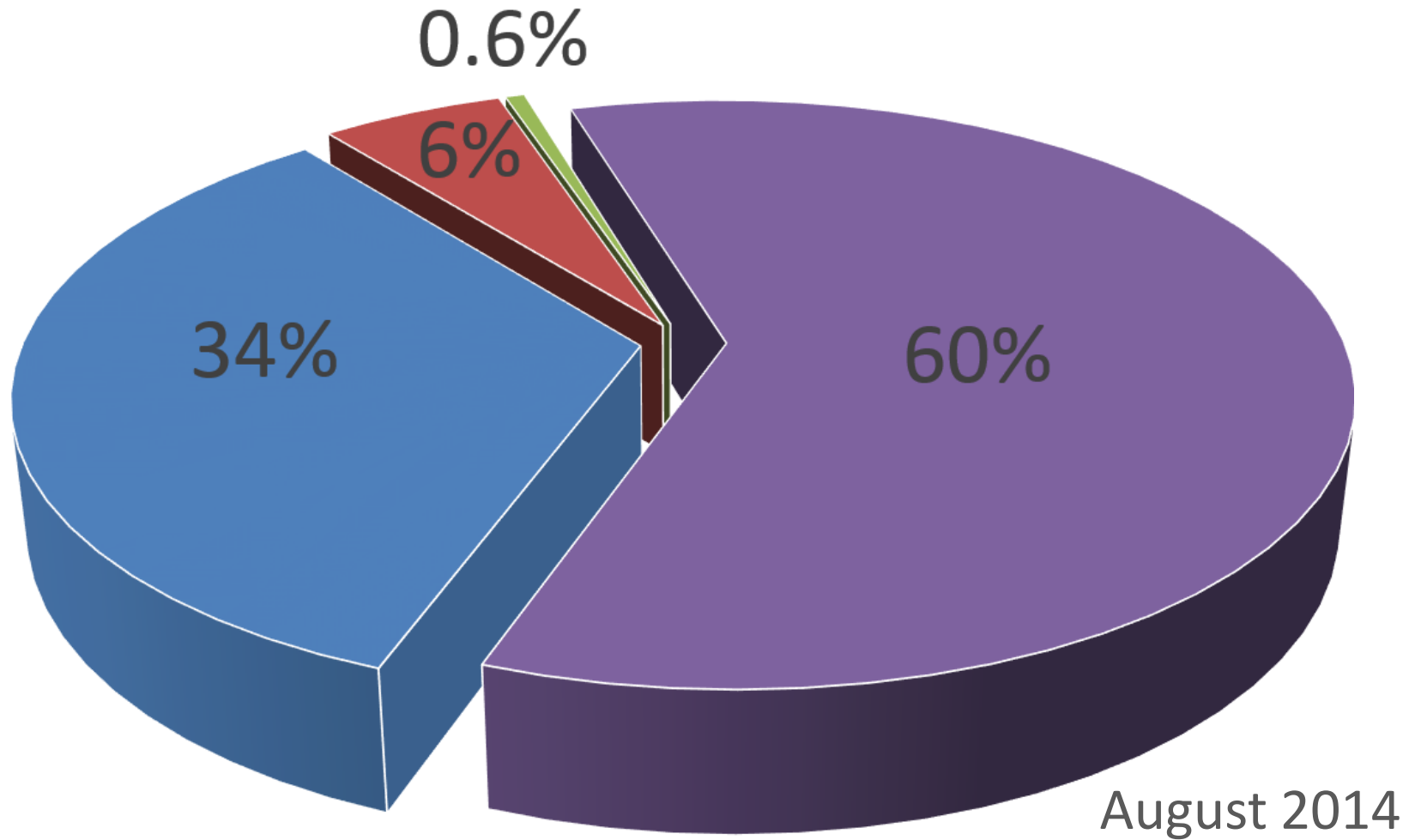
October 15, 2014 - Bismarck, ND

US Williston Basin Oil Production - 2014

MONTH	ND	Eastern MT*	SD	TOTAL
January	936,865	71,648	4,830	1,013,343
February	953,201	73,645	4,712	1,031,558
March	976,605	73,097	4,753	1,054,455
April	1,003,145	74,675	4,755	1,082,575
May	1,040,469	72,365	4,677	1,117,511
June	1,092,519	74,301	4,785	1,171,604
July	1,114,421	75,162	4,875	1,194,457
August	1,132,331		4,675	--
September				--
October				--
November				--
December				--



Estimated Williston Basin Oil Transportation



■ Estimated Pipeline Export

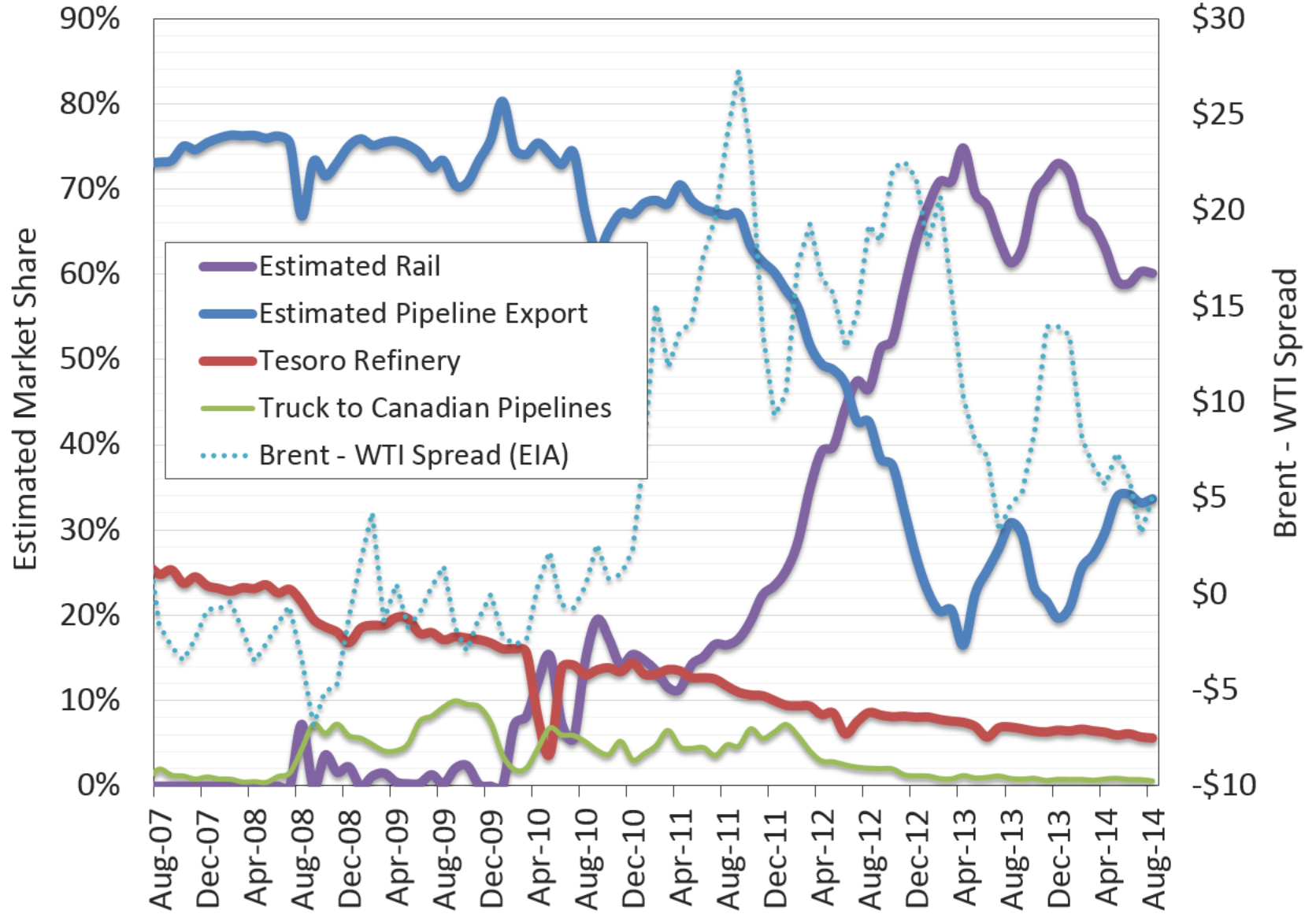
■ Tesoro Refinery

■ Truck to Canadian Pipelines

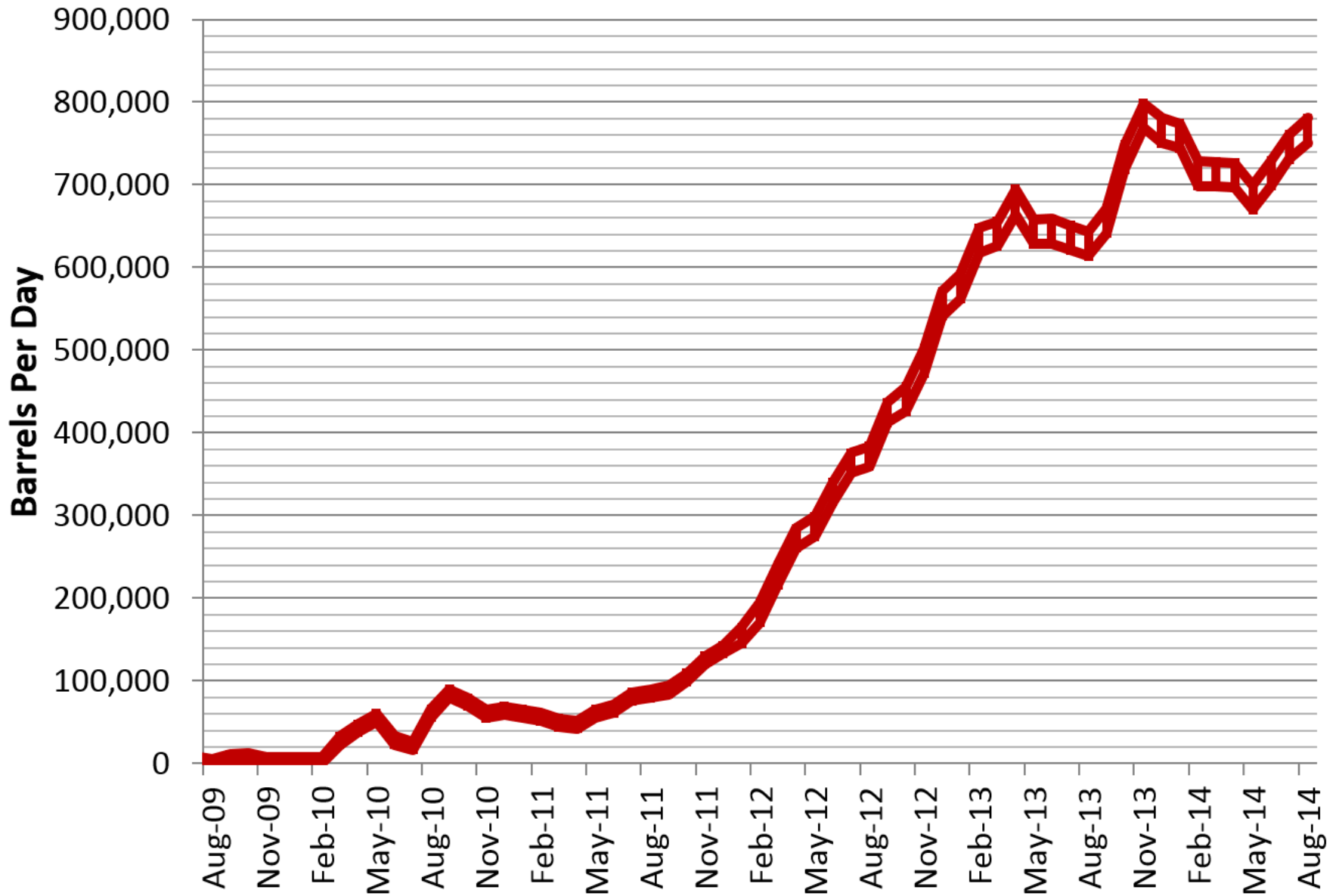
■ Estimated Rail



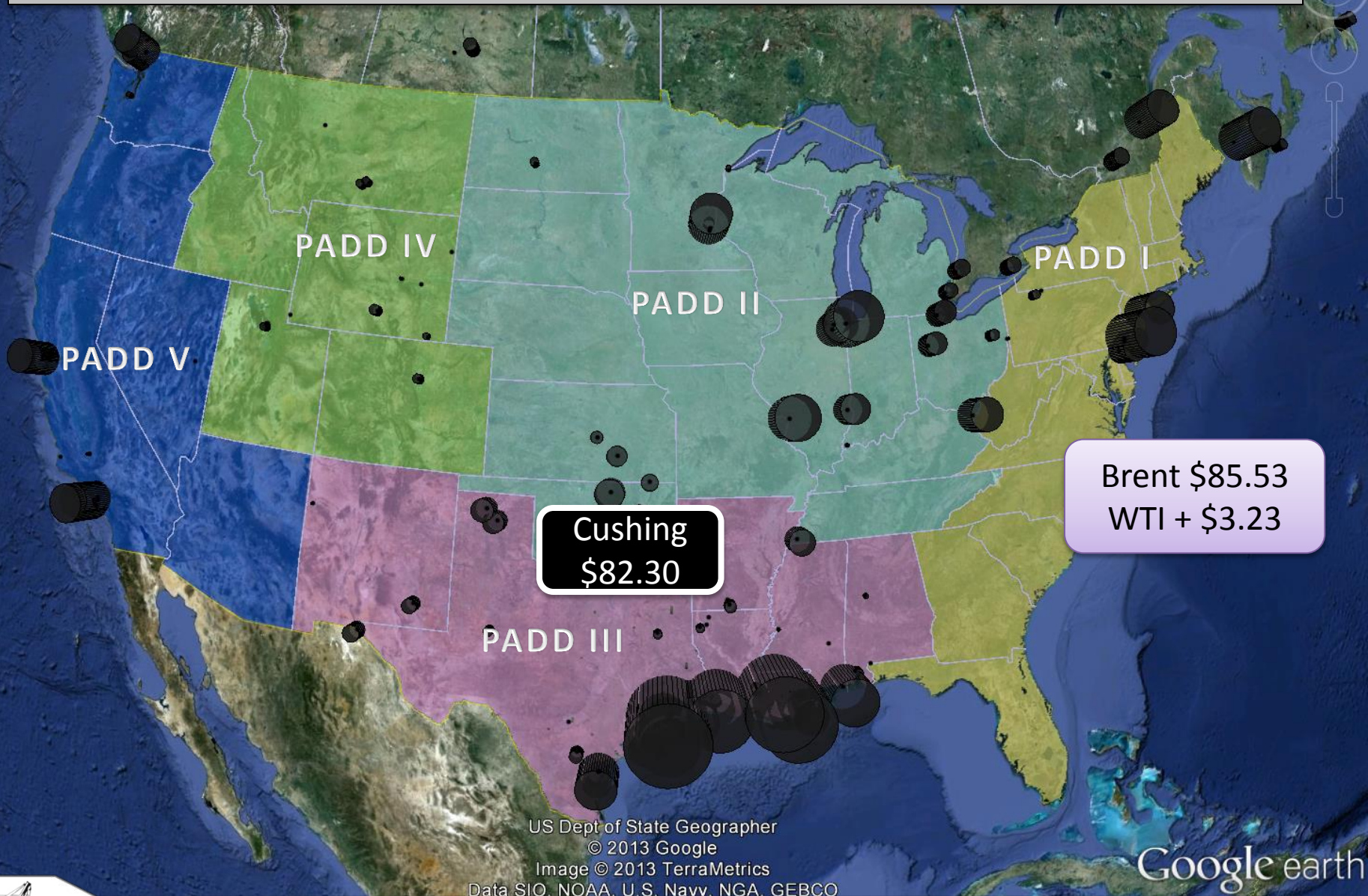
Estimated Williston Basin Oil Transportation



Estimated ND Rail Export Volumes



Crude Oil Prices – Oct. 15, 2014

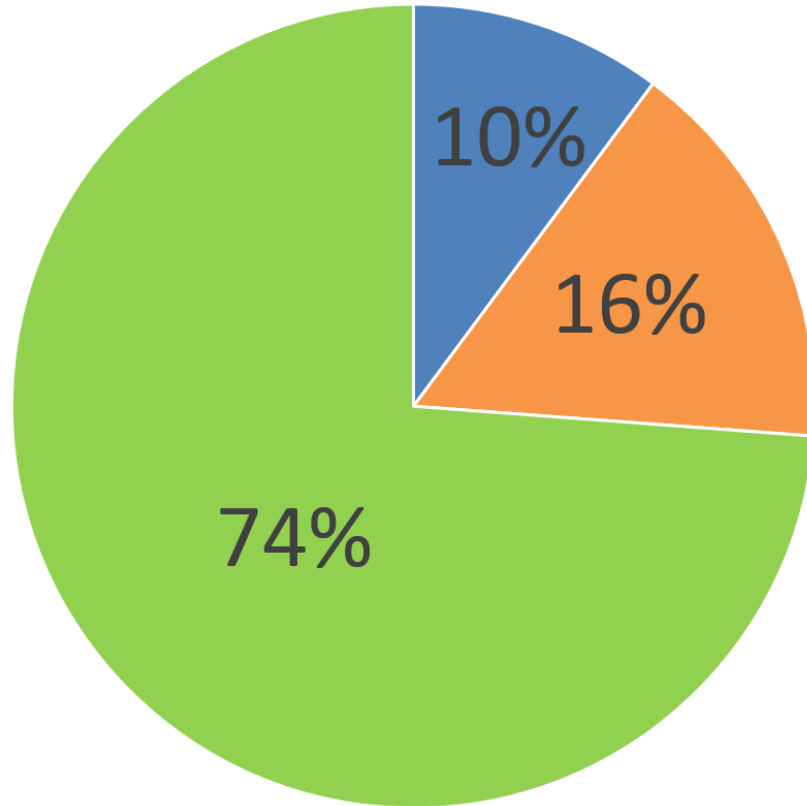


US Dept of State Geographer
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Data SIO, NOAA, U.S. Navv, NGA, GEBCO

Google earth



Solving the Flaring Challenge



Statewide

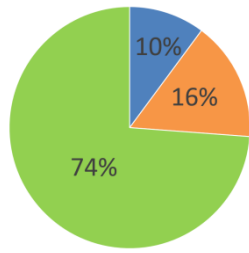
GREEN – % of gas captured and sold
Blue – % flared from zero sales wells
Orange – % flared from wells with at least one mcf sold.

Simple Terms

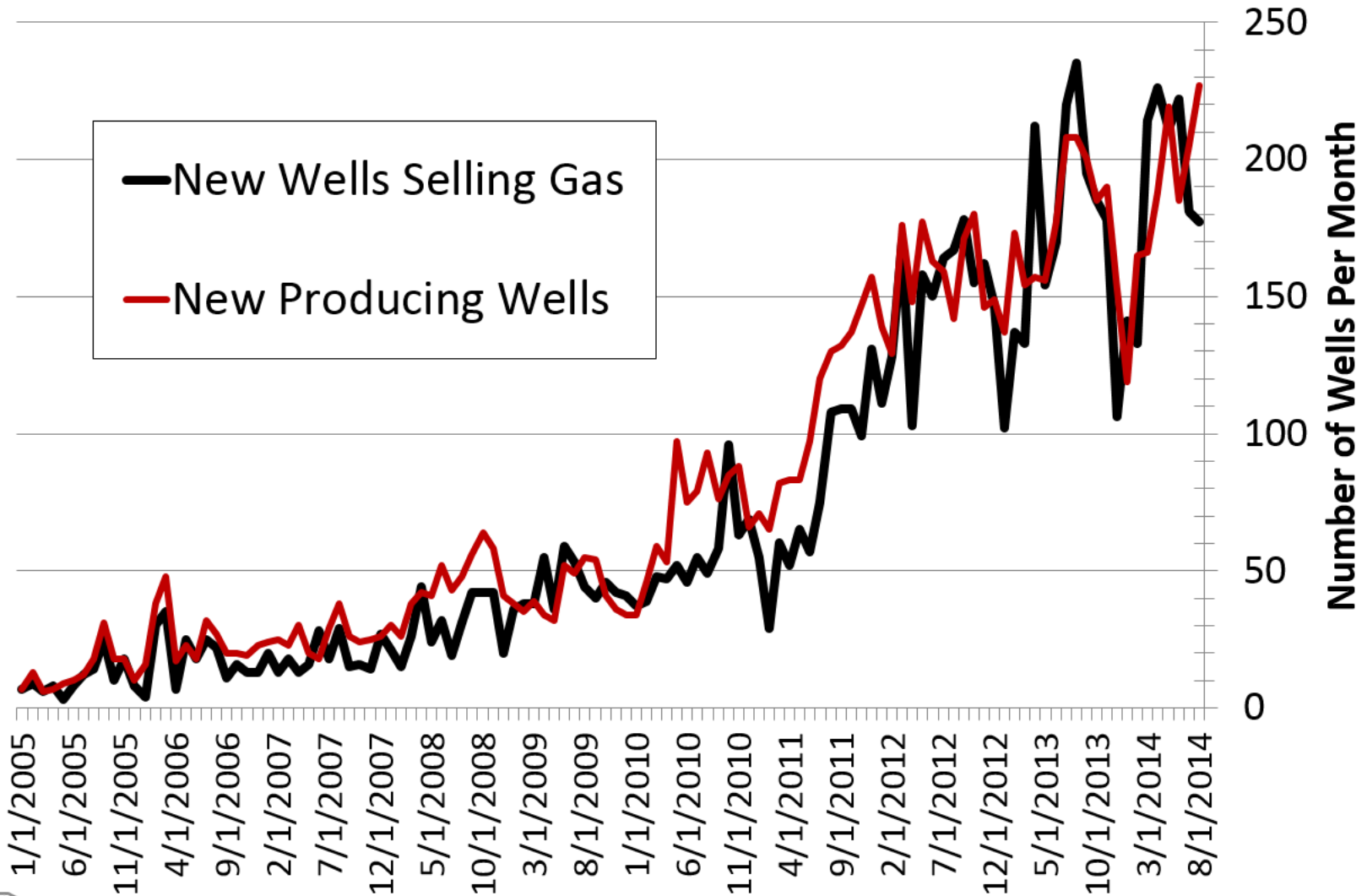
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Aug 2014 Data – Non-Confidential Wells





Capturing the 10% Faster Well Connections



Contact Information

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