



November 2014 Monthly Update

North Dakota Pipeline Authority

Justin J. Kringstad

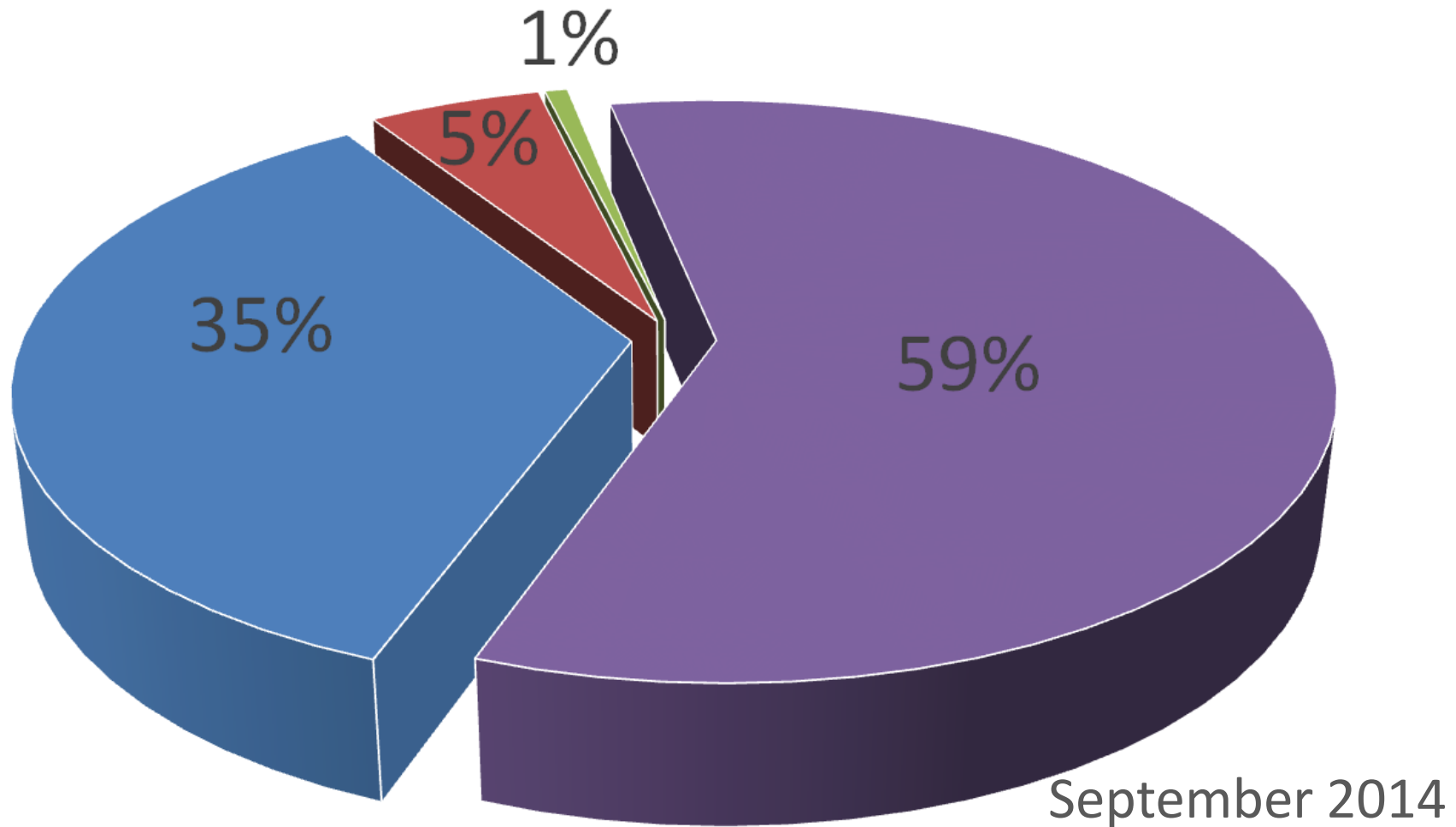
November 14, 2014 - Bismarck, ND

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	74,668	4,755	1,082,568
May	1,040,469	72,747	4,677	1,117,894
June	1,092,519	74,593	4,785	1,171,897
July	1,114,421	75,973	4,875	1,195,269
August	1,132,241		4,675	--
September	1,184,635			--
October				--
November				--
December				--



Estimated Williston Basin Oil Transportation



■ Estimated Pipeline Export

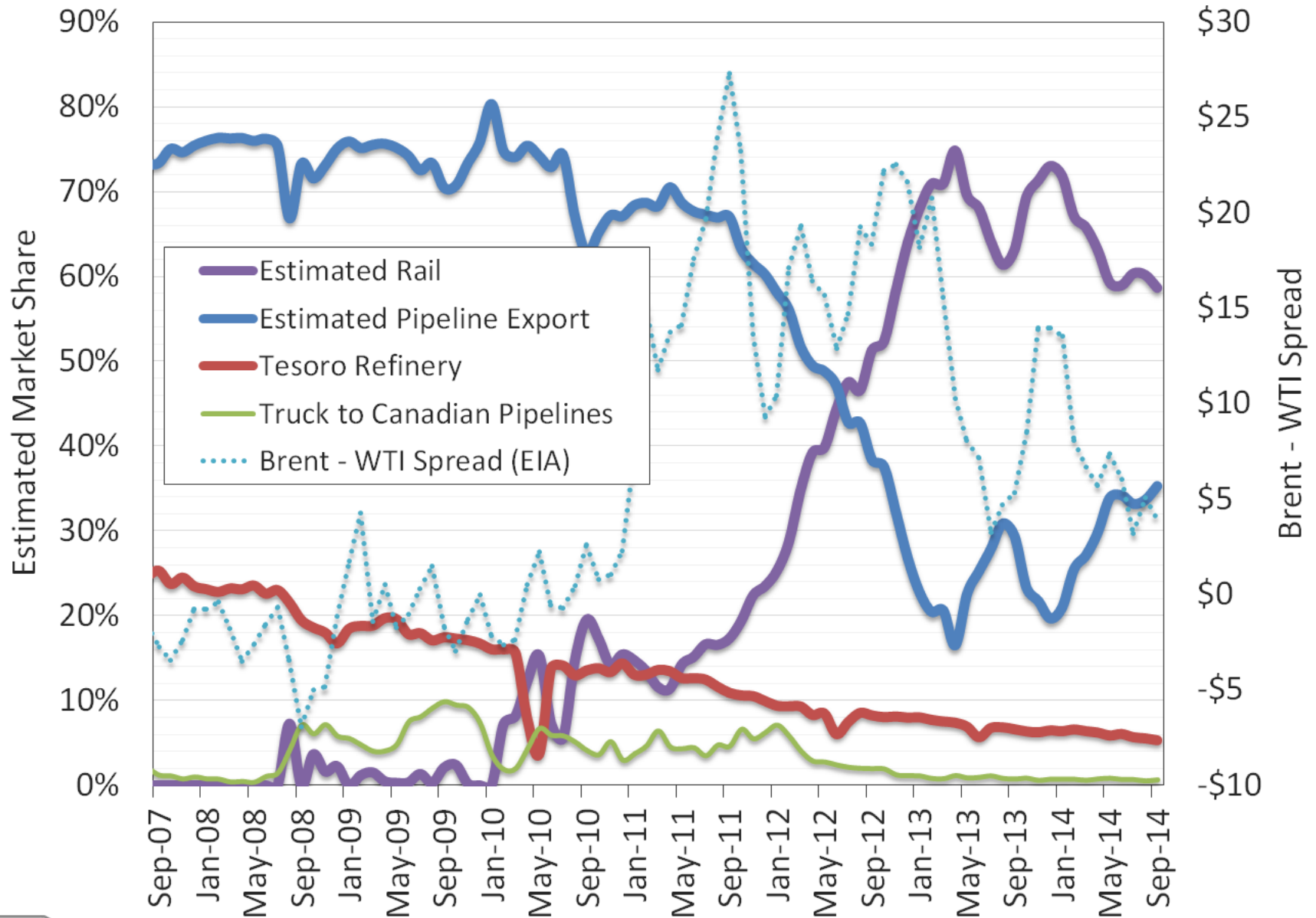
■ Tesoro Refinery

■ Truck to Canadian Pipelines

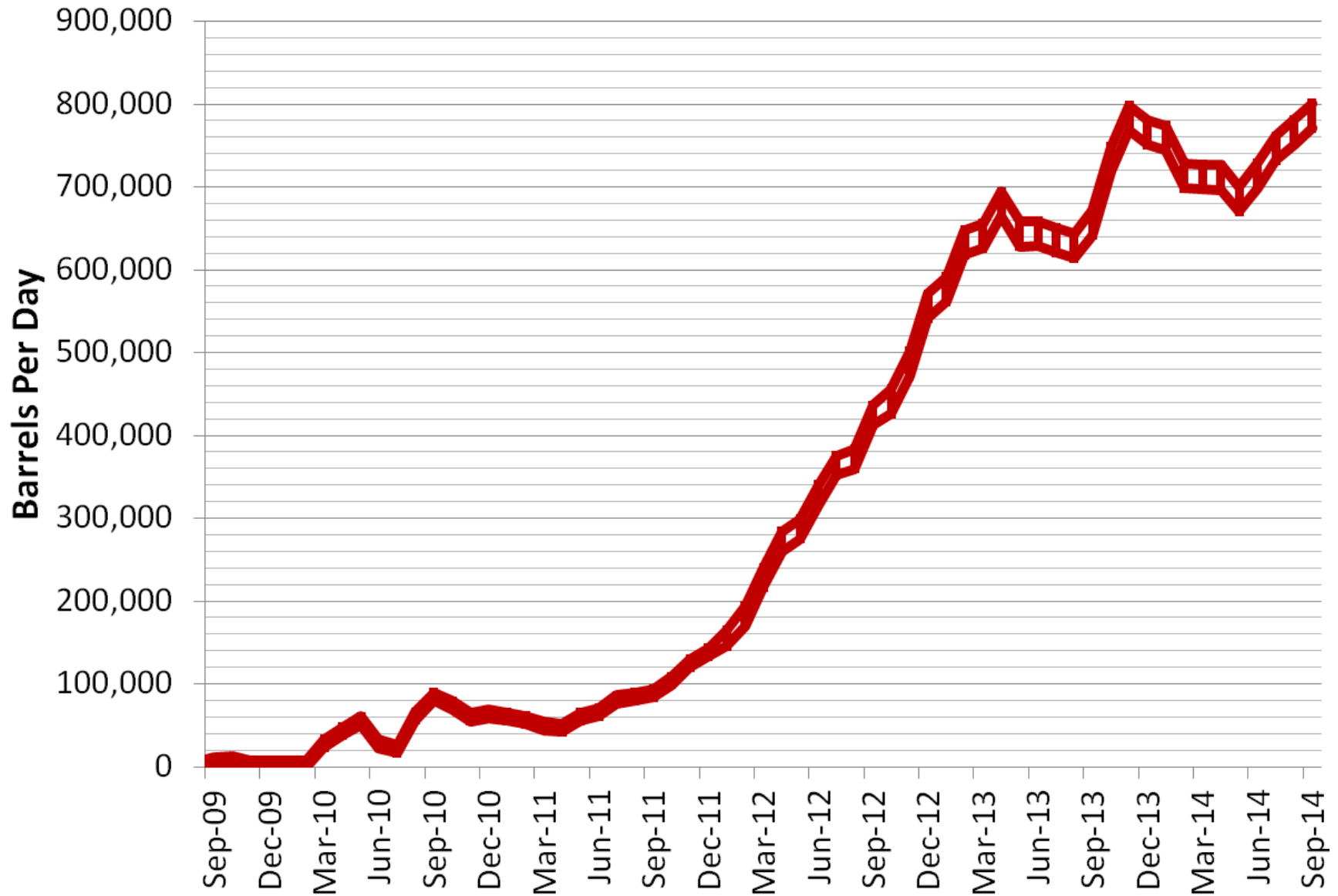
■ Estimated Rail



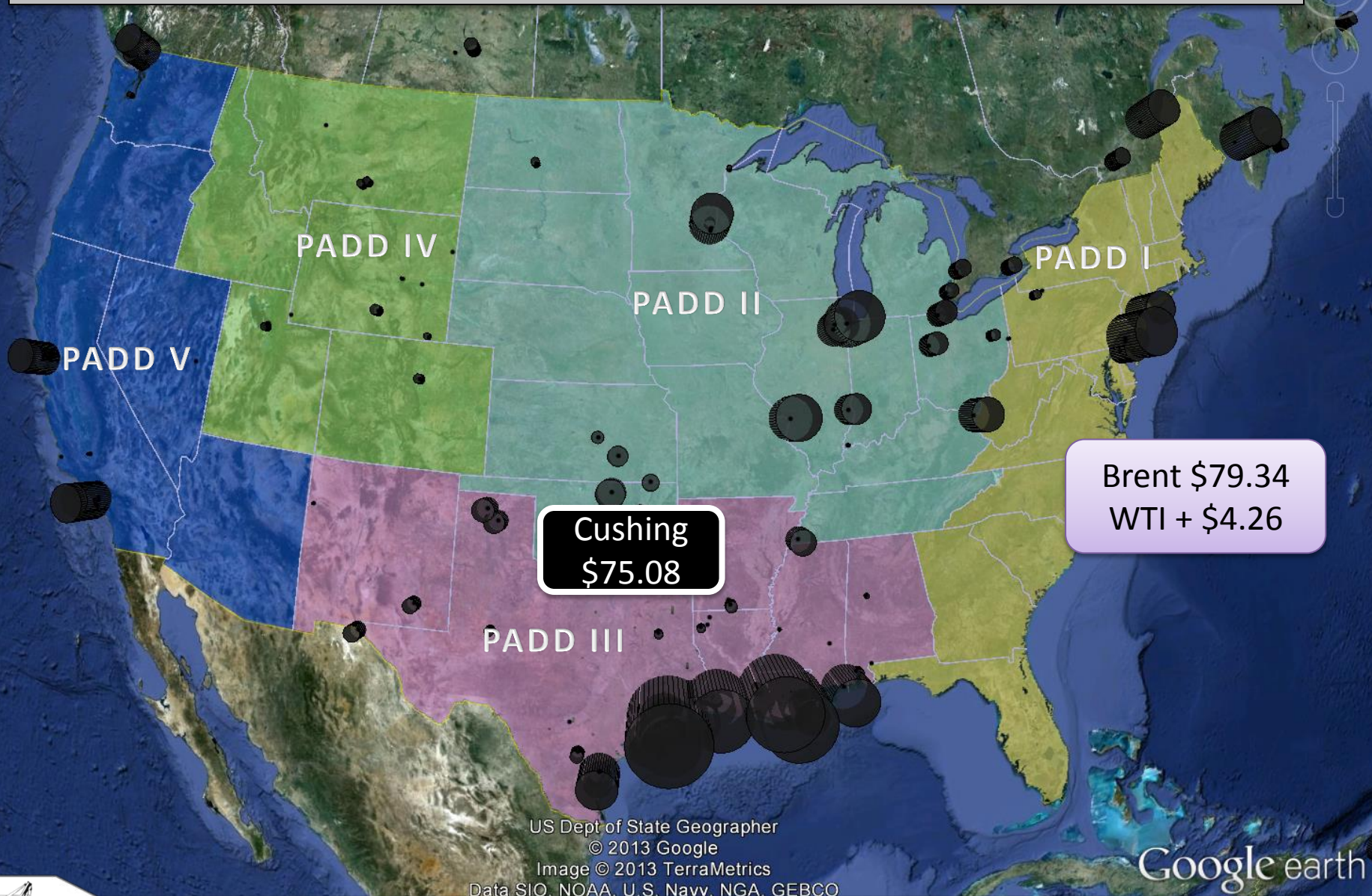
Estimated Williston Basin Oil Transportation



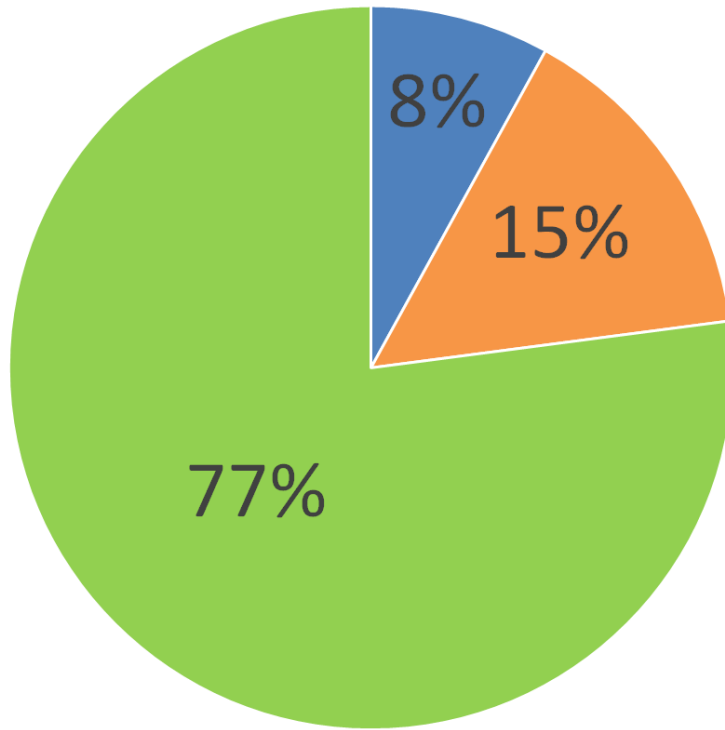
Estimated ND Rail Export Volumes



Crude Oil Prices – Nov. 14, 2014



Solving the Flaring Challenge



Statewide

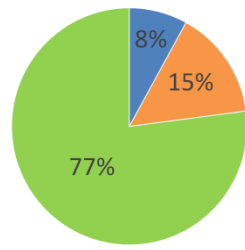
GREEN – % of gas captured and sold
Blue – % flared from zero sales wells
Orange – % flared from wells with at least one mcf sold.

Simple Terms

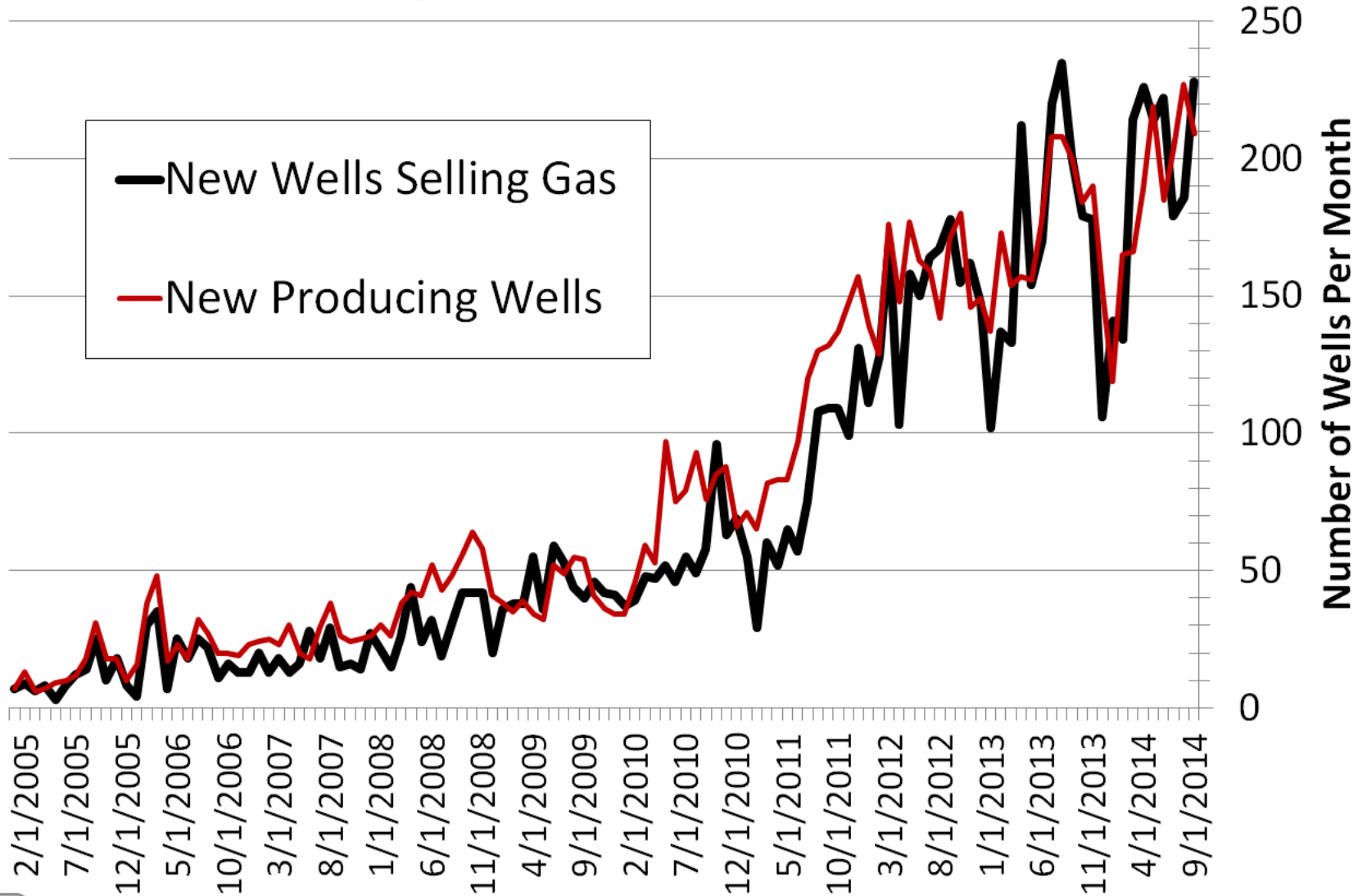
Blue – Lack of pipelines
Orange – Challenges on existing infrastructure

Sep 2014 Data – Non-Confidential Wells





Capturing the 8% Faster Well Connections



Contact Information

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