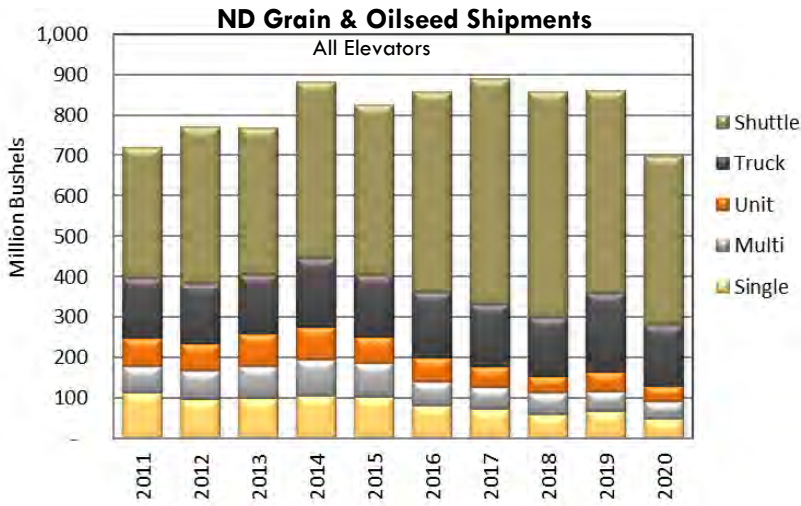


North Dakota Elevators Transportation Activities and Service, 2021 Survey

March 2021



Destinations Reported

All Elevators

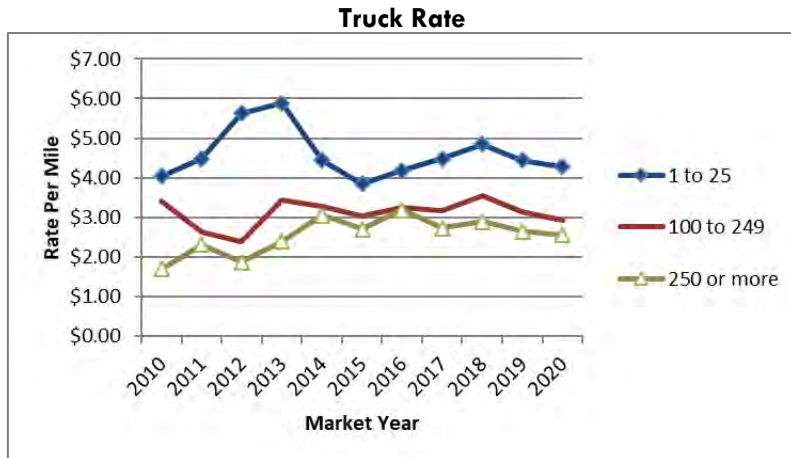
Year	Duluth	MN/CHX Midwest	Gulf	PNW	ND
2013	2%	13%	11%	30%	18%
2014	2%	13%	8%	36%	17%
2015	2%	13%	8%	38%	15%
2016	3%	13%	6%	43%	15%
2017	1%	14%	6%	45%	12%
2018	2%	14%	6%	45%	12%
2019	3%	17%	9%	39%	10%
2020	2%	18%	7%	42%	12%

Sum Less Than 100% Due to Unknown/Other

Source: NDPSDC Grain Movement Database Summaries

SURVEY RESPONSES

Response Rate: 41%=51 responses of 125 valid mailed

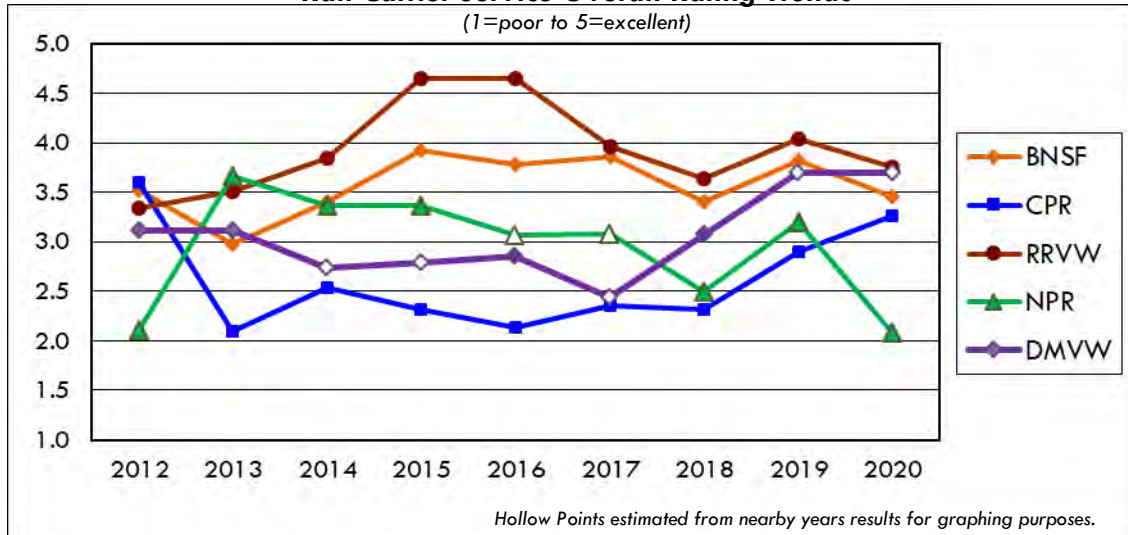


Average Rail Rate to PNW

	Elevator Location		
	ND Elevator Origin Area		
	West	Central	East
	\$/Bu		
Wheat	\$1.66	\$1.36	\$1.43
Corn	n.a.	\$1.27	\$1.27
Soybean	\$1.63	\$1.58	\$1.56

Rail Carrier Service Overall Rating Trends

(1=poor to 5=excellent)



Hollow Points estimated from nearby years results for graphing purposes.

North Dakota Elevators Transportation Activities and Service, 2021 Survey

March 2021

Rail Carrier Service, Current Year Service Factor Ratings
(weighted by rail handle)
1=poor to 5=excellent

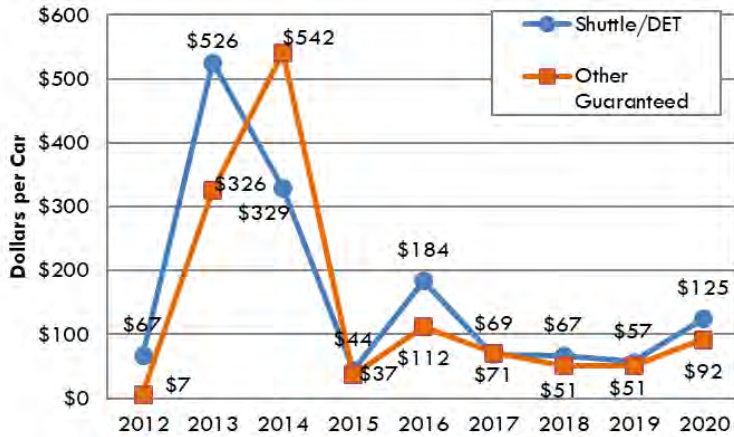
Primary Carrier	Timely Delivery of Equipment	Car Ordering Alternatives/ Process	Condition of Equipment	Availability of Order Information	Access to Marketing Personnel	Average 2020	Average 2019	Average 2018
BNSF	2.9	3.5	4.0	3.9	3.0	3.5	3.8	3.4
CPR	3.4	3.5	3.5	3.4	2.5	3.3	2.9	2.3
RRVW	3.9	3.7	3.4	3.7	4.1	3.8	4.0	3.6
DMVW	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	3.7	n.a.
NPR	2.6	1.6	2.4	1.8	2.0	2.1	3.2	2.5
Average	3.3	3.4	3.2	3.5	3.5	3.4	3.4	3.4

Responses Weighted by Rail Shipments; For fewer than 2 response for railroad rating not included.

RAIL PURCHASES AND DELIVERY

(weighted by volume shipped)

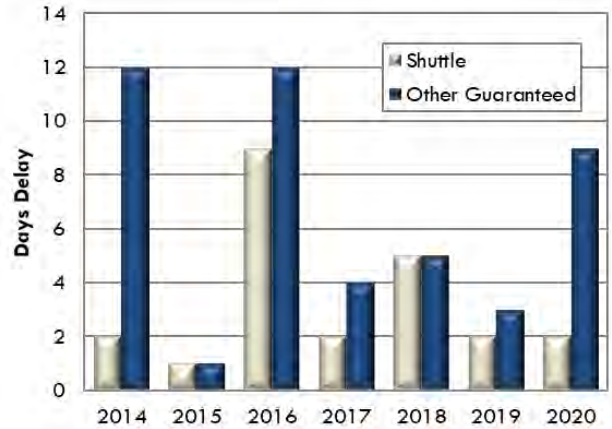
Average Rail Premiums Paid, by Market Year



Range for 2020 Rail Premiums

Shuttle/DET: \$0...\$500
Other Guaranteed: \$0...\$300

Days Delay on Rail Deliveries

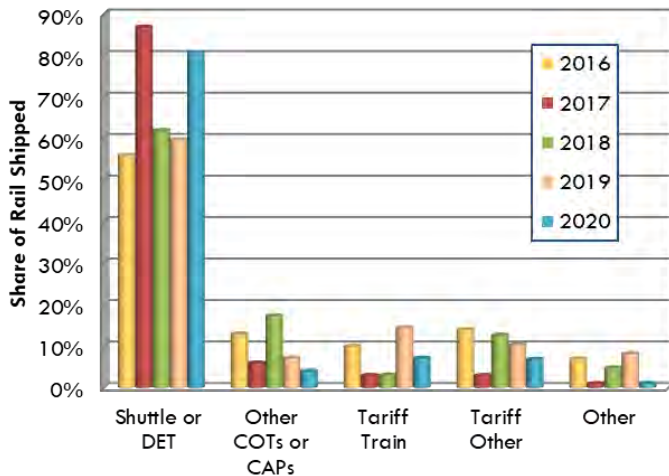


Range for Current Days Delay

Shuttle/DET: 0...5 days
Other Guaranteed: 0...20 days

*Other Guaranteed Rail Freight includes COTs, etc.

Rail Freight Purchases



Current Year Rail Market Activity Preview

Market Year	Share Ordered by March 15	Average premium paid for any guaranteed rail freight service purchased for the current year?	
		Shuttle	Other Guaranteed
\$ per car			
2016	33%	38	12
2017	29%	297	184
2018	42%	56	6
2019	52%	52	27
2020	39%	21	39
2021	41%	81	23

Funding provided by the North Dakota Wheat Commission. Thank you to the North Dakota Grain Dealers Association for their cooperation on this survey.

Upper Great Plains Transportation Institute, North Dakota State University, is solely responsible for the content of the report, 701.231.8793, info@ugpti.org

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