

# NORTH DAKOTA STATE RAIL PLAN

# WELCOME

## Open House



# NORTH DAKOTA STATE RAIL PLAN

## WHY A NORTH DAKOTA RAIL PLAN

### Plan Purpose

- Describe the role of railroad transportation in the North Dakota
- Identify and address the issues facing the North Dakota's passenger and freight railroad operations
- Serve as a road map for improving/expanding rail service
- Identify funding sources and alternatives
- Meet Congressional requirements for federal funding

## WHAT IS A RAIL PLAN

### Plan Elements

- Sets rail service goals and objectives
- Describes the role of passenger and freight rail in the North Dakota
- Describes rail network, services and facilities
- Assesses passenger rail connections with other transportation modes (transit, automobile)
- Assesses rail connections with other freight transportation modes such as trucking
- Describes rail impacts: economy, environment, energy consumption
- Evaluates passenger and freight services and infrastructure needs
- Provides a long range investment program: proposed projects and funding



# NORTH DAKOTA STATE RAIL PLAN

## WHAT IS COVERED BY THE RAIL PLAN?

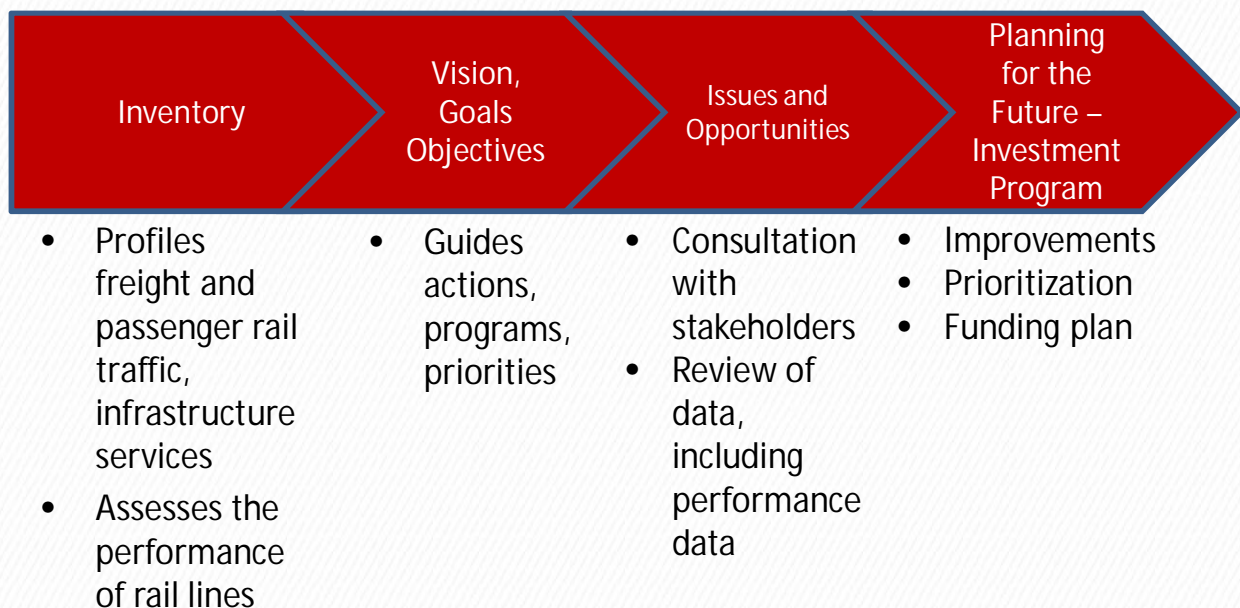
### FREIGHT RAIL



### PASSENGER RAIL

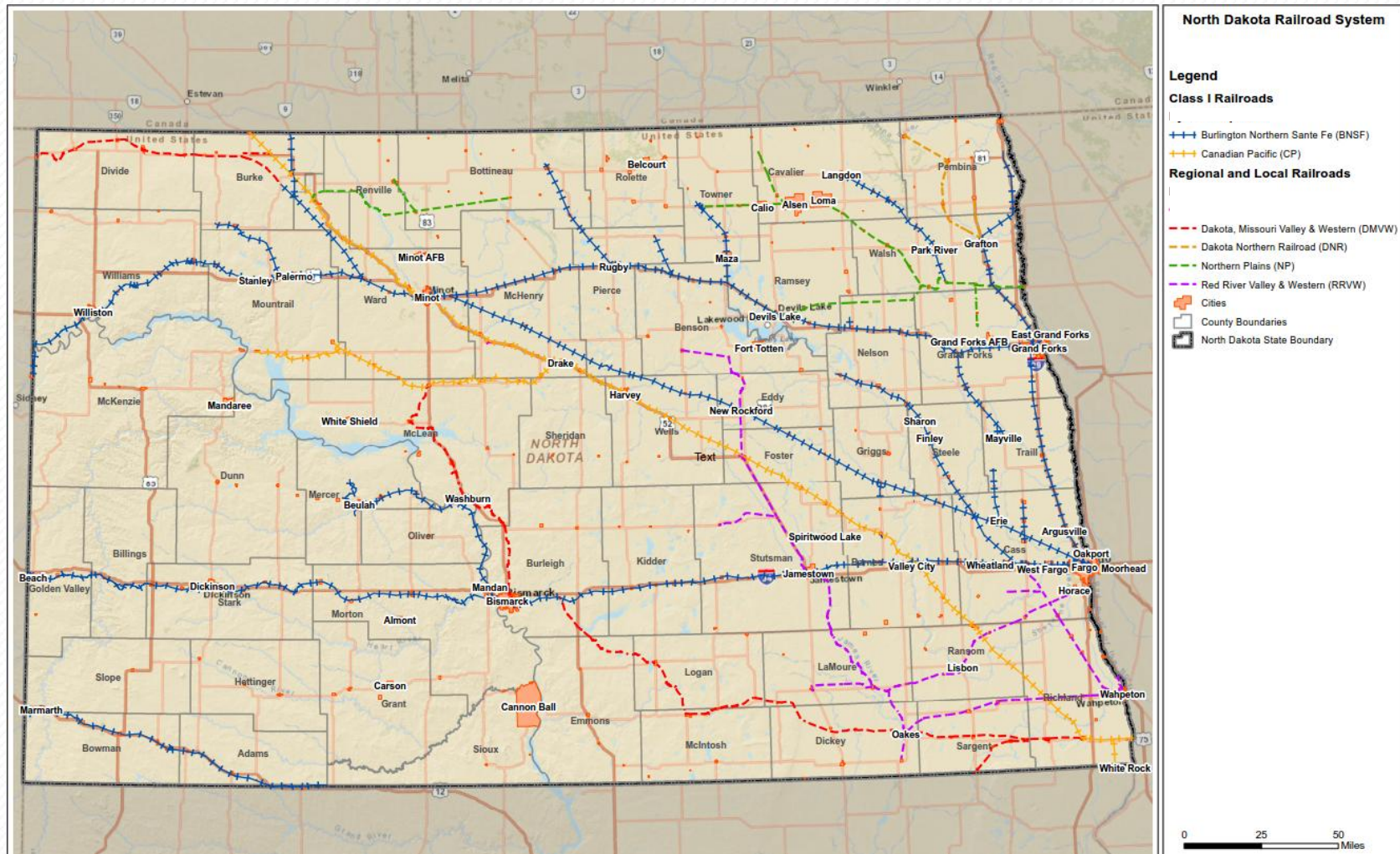


## WHAT ARE THE KEY STEPS?





# Freight Railroads Operate 3,300 Miles in North Dakota



Class I: 2,180 miles

Class III: 1,150 miles



# NORTH DAKOTA CLASS I RAILROADS



## *North Dakota Operation*

Miles: 1,681

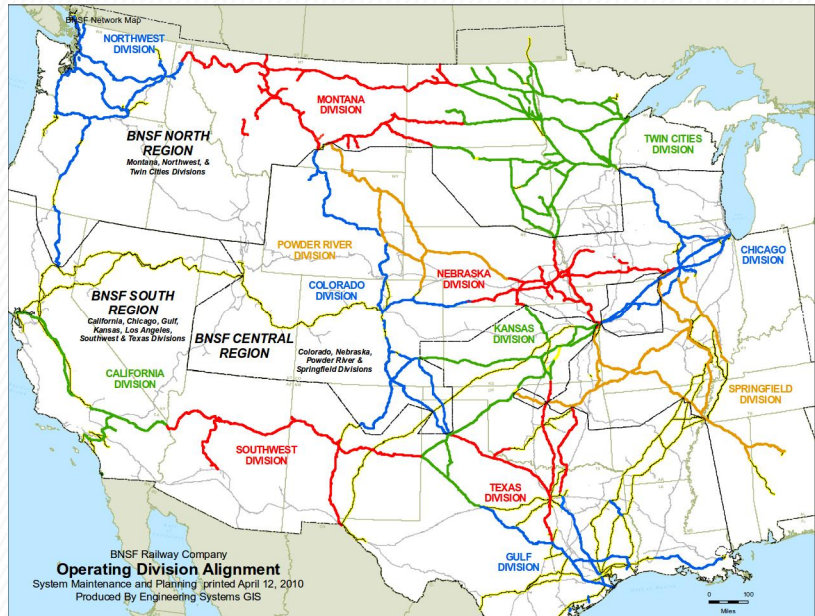
Originated Carloads: 541,822

Terminated Carloads: 138,522

Commodities: Grain, Energy

Pass Through Carloads: 927,690

Pass Through Containers: 510,781



**CANADIAN  
PACIFIC  
RAILWAY**

## *North Dakota Operation*

Miles: 530

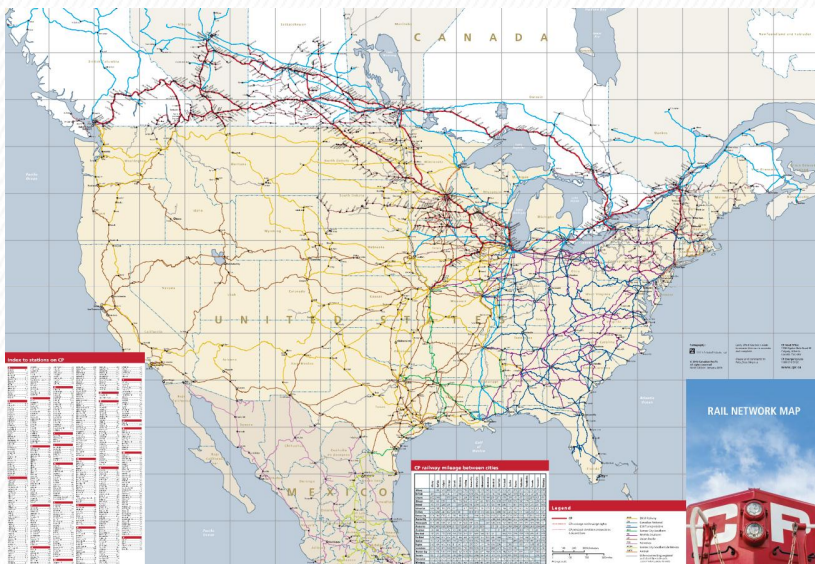
Originated Carloads: 120,982

Terminated Carloads: 24,102

Commodities: Grain, Energy

Pass Through Carloads: NA

Pass Through Containers: 170,338

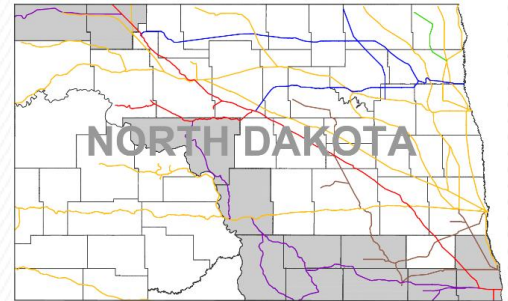




# NORTH DAKOTA SHORT LINE RAILROADS



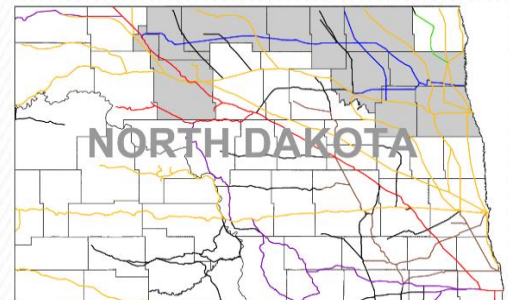
Miles: 389  
Outbound Carloads: 30,970  
Inbound Carloads: 5,463  
Commodities: Grain, Energy



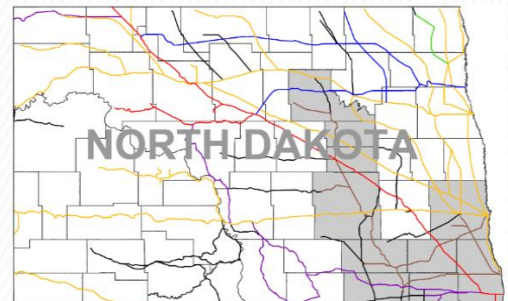
Miles: 49  
Outbound Carloads: 4,711  
Inbound Carloads: 985  
Commodities: Wheat, Soybeans



Miles: 388  
Outbound Carloads: 14,979  
Inbound Carloads: 3,243  
Commodities: Soybeans, Wheat




















Miles: 725  
Outbound Carloads: 46,315  
Inbound Carloads: 17,006  
Commodities: Grains, Beans



# Role of Rail

*Long distance heavy shipments favor rail transportation*

Intercity Distance		0 mi.	250 mi.	500 mi.	>2000 mi.
Weight	LIGHT				 
	MODERATE		 	 	
	HEAVY	 	 		

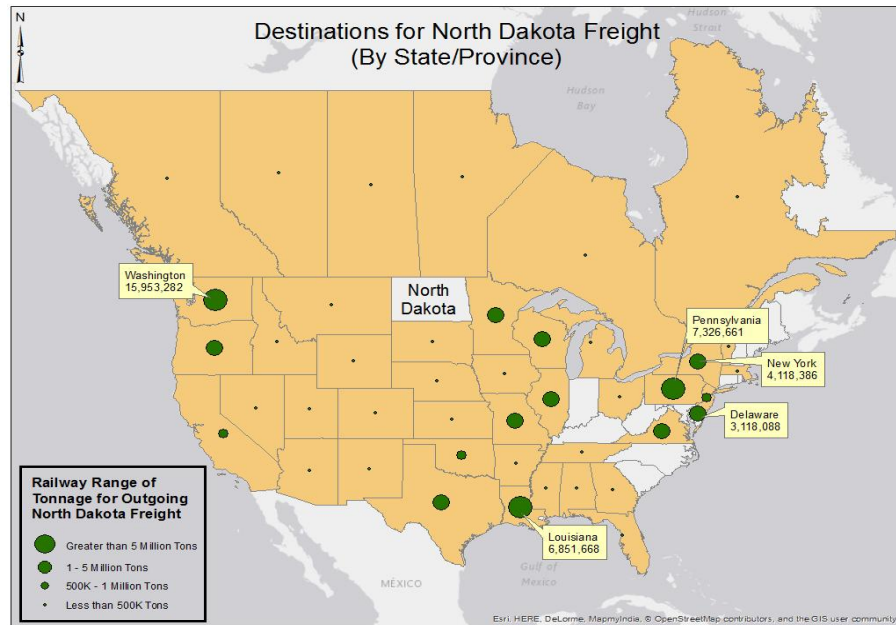
*One train can carry as much freight as several hundred trucks*

Railroads annually remove 6.5 million trucks from North Dakota's highways

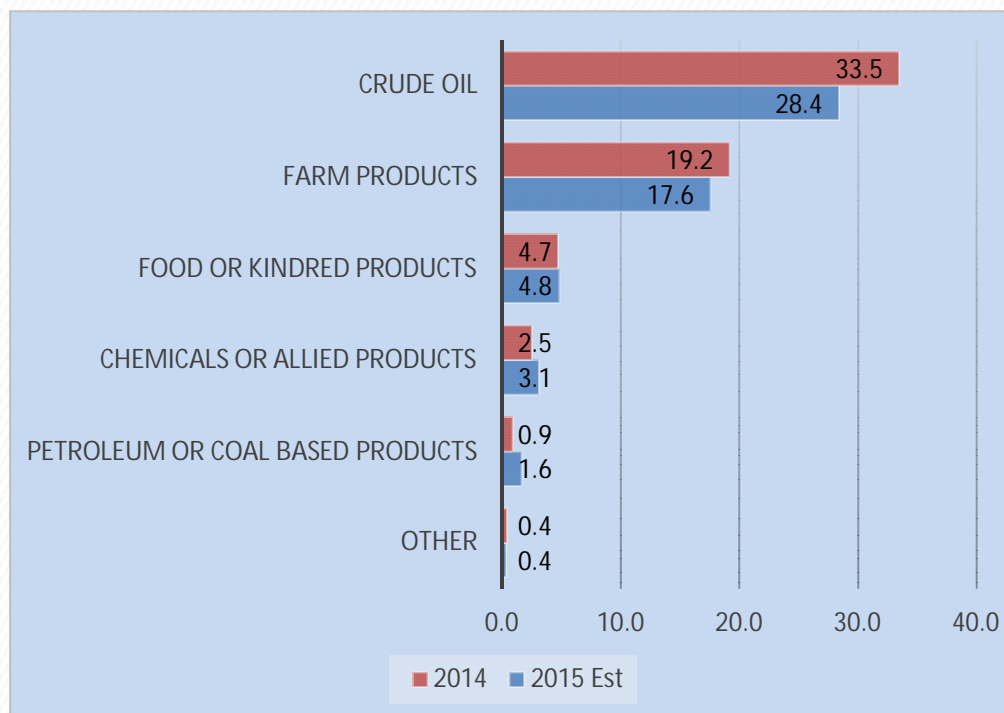


# RAIL TRANSPORTATION

## DELIVERING NORTH DAKOTA'S PRODUCTS



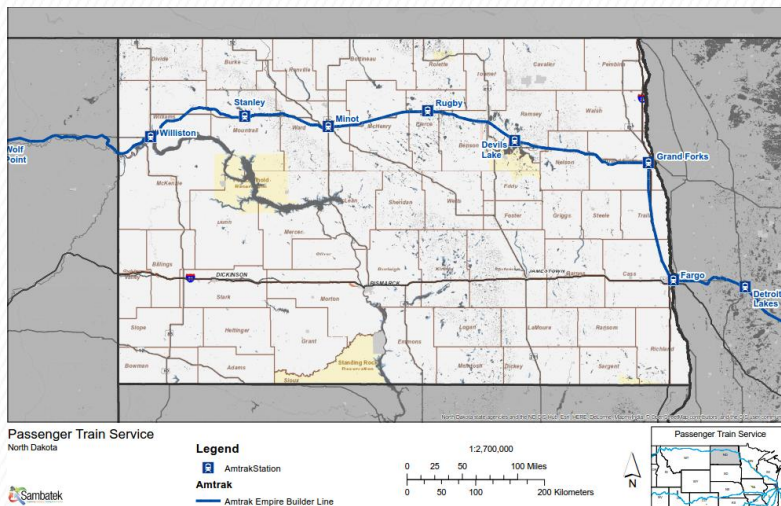
Outbound Rail Shipments by Commodity (Millions of Tons)



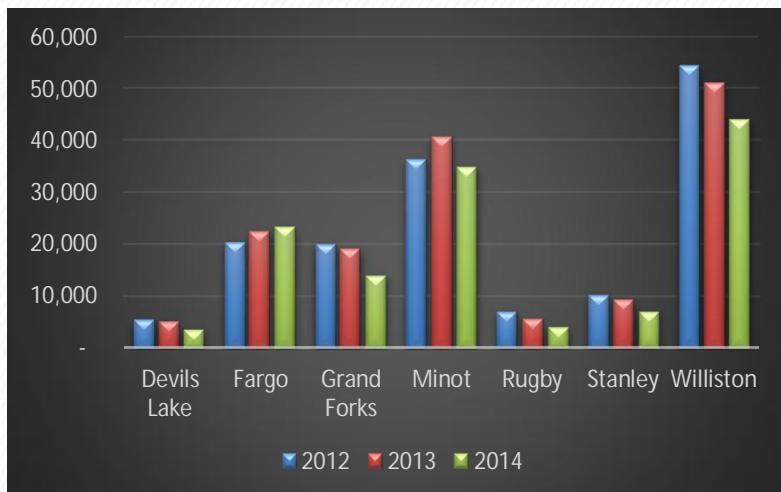


# NORTH DAKOTA AMTRAK SERVICE

## Amtrak Empire Builder



## North Dakota Amtrak Ridership



7/27	Train Number		8/28
Daily	Normal Days of Operation		Daily
Read Down	On Board Service		Read Up
Mile	Symbol	Symbol	Mile
0	Chicago, IL—Union Station (CT)	Ar	355P
17	Glenview, IL (METRA/Milw. Line)	Ar	12P
85	Milwaukee, WI	Ar	07P
150	Columbus, WI (Madison)	Ar	57P
178	Portage, WI	Ar	27P
195	Wisconsin Dells, WI	Ar	08P
240	Tomah, WI	Ar	26A
281	La Crosse, WI	Ar	47A
	Rochester—see below right		
308	Winona, MN	Ar	11A
371	Red Wing, MN	Ar	54A
418	St. Paul—Minneapolis, MN	Ar	00A
418	Duluth—see back	Ar	43A
486	St. Cloud, MN	Ar	19A
552	Staples, MN	Ar	14A
614	Detroit Lakes, MN	Ar	15A
662	Fargo, ND (Moorhead, MN)	Ar	18A
737	Grand Forks, ND	Ar	02A
822	Devils Lake, ND	Ar	37P
879	Rugby, ND	Ar	43P
940	Minot, ND	Ar	47P
940	Missoula—see back	Ar	27P
994	Stanley, ND	Ar	01P
1061	Williston, ND (CT)	Ar	59P
1168	Missoula—see back	Ar	
1217	Wolf Point, MT (MT)	Ar	23P
1217	Glasgow, MT	Ar	37P
1283	Malta, MT	Ar	22P
1370	Havre, MT	Ar	22P
1475	Shelby, MT	Ar	33A
	Great Falls—see right		
1499	Cut Bank, MT	Ar	40A
1532	Browning, MT	Ar	05A
1547	East Glacier Park, MT	Ar	50A
1576	Essex, MT—Izaak Walton Inn	Ar	50A
1603	West Glacier, MT (Apgar)	Ar	11A
1626	Whitefish, MT	Ar	41A
1626	Whitefish, MT	Ar	21A
1728	Libby, MT (MT)	Ar	21A
1813	Sandpoint, ID (PT)	Ar	30A
1879	Spokane, WA (PT)	Ar	25A
	Coeur d'Alene, ID		
	Kettle Falls—see back		
Through cars Chicago—Portland			
1879	Spokane, WA (PT)	Ar	1213A
2025	Pasco, WA (Kennewick, Richland)	Ar	57P
	Walla Walla—see back		
2150	Wishram, WA (The Dalles)	Ar	55P
2180	Bingen-White Salmon, WA	Ar	21P
2245	Vancouver, WA	Ar	07P
2255	Portland, OR (PT)	Ar	45P
Through cars Chicago—Seattle			
1879	Spokane, WA (PT)	Ar	1240A
1988	Ephrata, WA	Ar	42P
2050	Wenatchee, WA	Ar	42P
	Omak—see back		
2072	Leavenworth, WA	Ar	00P
2171	Everett, WA	Ar	39P
2188	Edmonds, WA	Ar	12P
2205	Seattle, WA (Victoria, BC (PT))	Ar	40P
	Vancouver, BC—see back		

# NORTH DAKOTA PASSENGER RAIL TRAVEL

## ND Quick recap, 2014 (arrivals and departures)

	Coach/ Business	First/ Sleeper	Total
Passengers	116,166	14,615	130,781
Average trip	629 miles	830 miles	652 miles
Average fare	\$ 90.00	\$237.00	\$106.00
Average yield, per mi	14.3¢	28.6¢	16.3¢

## ND Top city pairs by ridership, 2014

1	Minot, ND	to	St. Paul, MN	522	mi	10 h 5 min
2	Williston, ND	to	Spokane, WA	818	mi	16 h 33 min
3	Williston, ND	to	St. Paul, MN	643	mi	12 h 38 min
4	Williston, ND	to	Whitefish, MT	565	mi	10 h 52 min
5	Williston, ND	to	Chicago, IL	1061	mi	20 h 46 min
6	Fargo, ND	to	Chicago, IL	662	mi	13 h 42 min
7	Minot, ND	to	Chicago, IL	940	mi	18 h 13 min
8	Fargo, ND	to	St. Paul, MN	244	mi	5 h 34 min
				682	mi	

### North Dakotans near a station

Within 25 miles:	318,870	24%
Within 50 miles:	424,622	32%

### Minnesotans near a station

Within 25 miles:	3,227,550	30%
Within 50 miles:	4,294,177	40%

### Montanans near a station

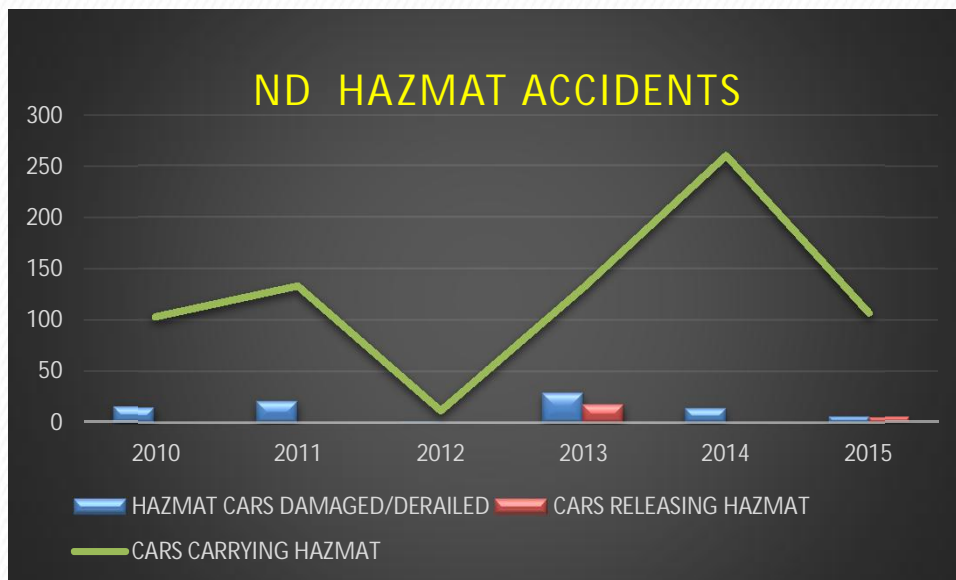
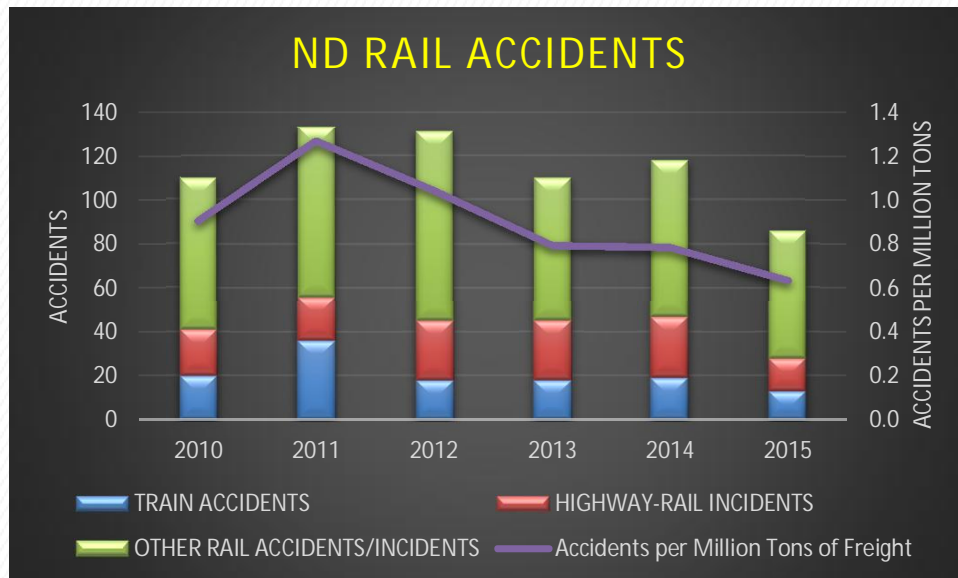
Within 25 miles:	143,290	7%
Within 50 miles:	219,050	11%

### Idahoans near a station

Within 25 miles:	82,342	3%
Within 50 miles:	194,879	6%



# RAIL SAFETY



# NORTH DAKOTA RAIL PRIORITIES

- Ensuring safe rail transportation
  - Crude oil and other hazmat transportation
  - Grade crossings
- Providing consistently reliable, service
  - Class I railroads – all commodities
  - Short line railroads – upgrading and preservation
  - Passenger rail
- Rail service expansion – economic development
  - Improved rail access
  - New transload facilities
  - Emerging industry capacity
- Funding future rail
- Understanding/defining role of the state of North Dakota



# STATE RAIL PLAN NEXT STEPS

## For the Project

- Meet with rail partners
- Obtain public and stakeholder input
- Finalize goals for rail in ND
- Determine rail needs
- Establish long-term plan
- Obtain public input on the draft plan
- Publish the draft rail plan – early fall
- Publish final plan – before year-end

## For You

### TONIGHT

- Offer us your comments
- Tell us about your rail system concerns
- Advise us on what the rail system needs

### STAY INVOLVED

- Complete our on-line survey
- Follow progress on our website
- Comment on the draft plan

<https://www.dot.nd.gov/divisions/planning/railplan/>