



**UPPER GREAT PLAINS
TRANSPORTATION INSTITUTE
(UGPTI)**

TRANSPORTATION CONFERENCE

**Francis G. Ziegler, Director
North Dakota Department of Transportation
May 1, 2008**

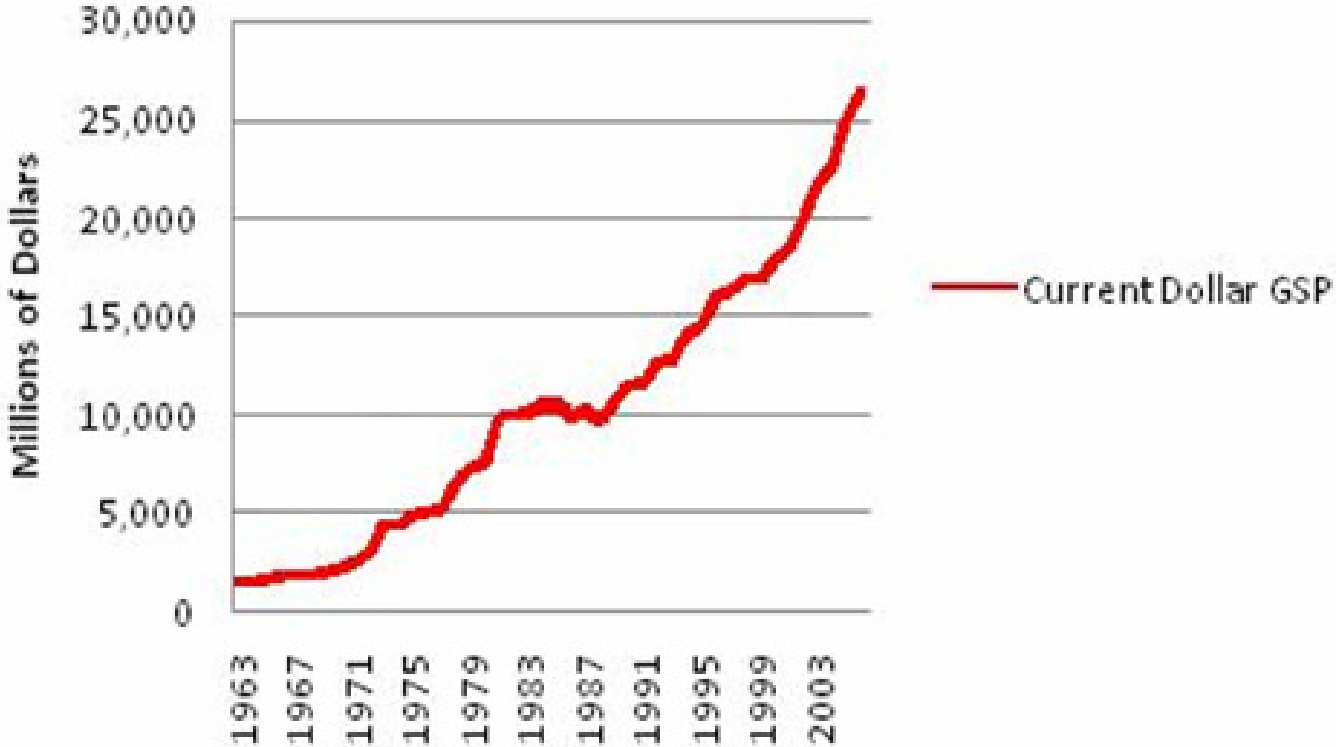


Is transportation important to the state?

North Dakota's Economy is Growing and Diversifying

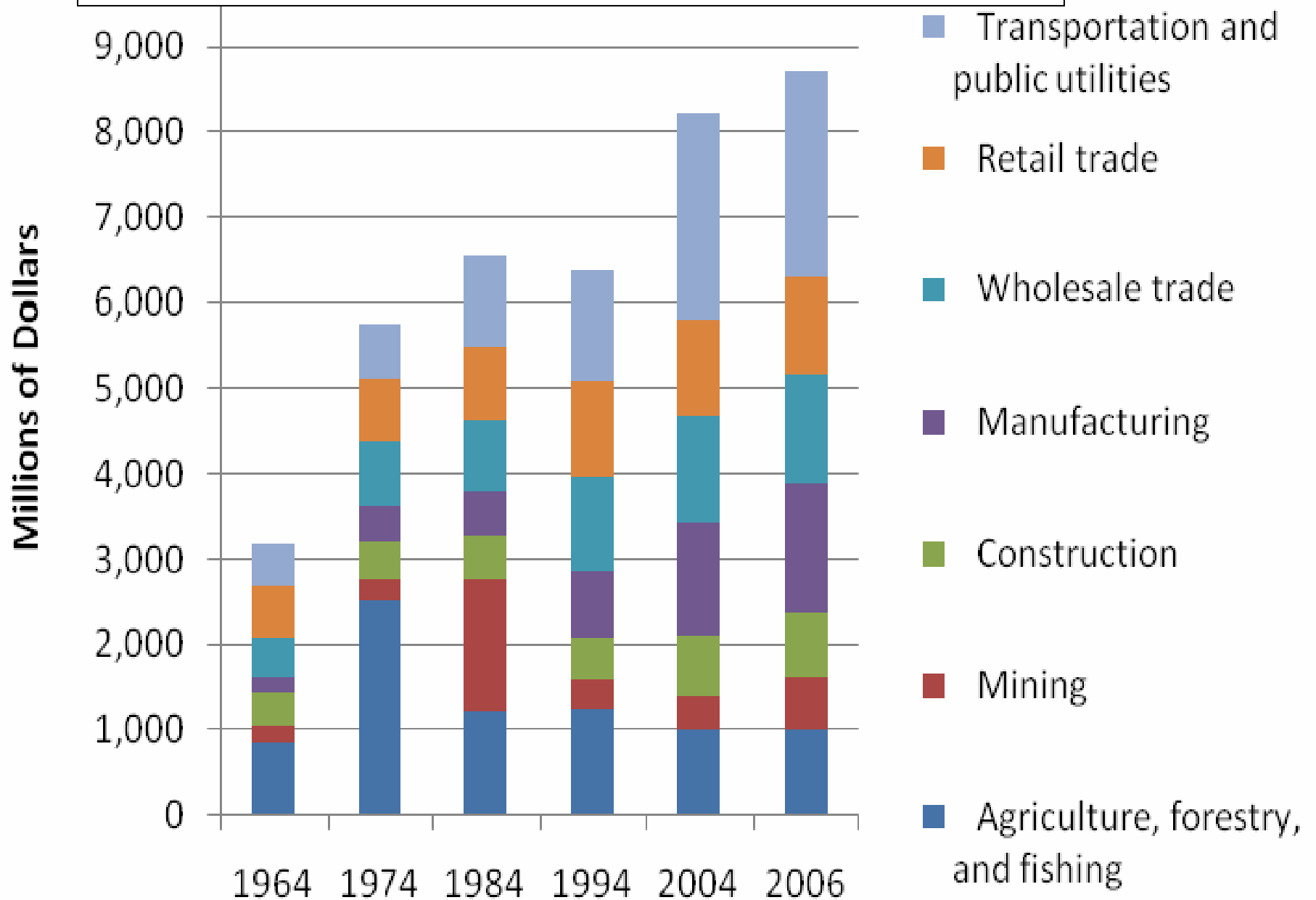


ND Gross State Product

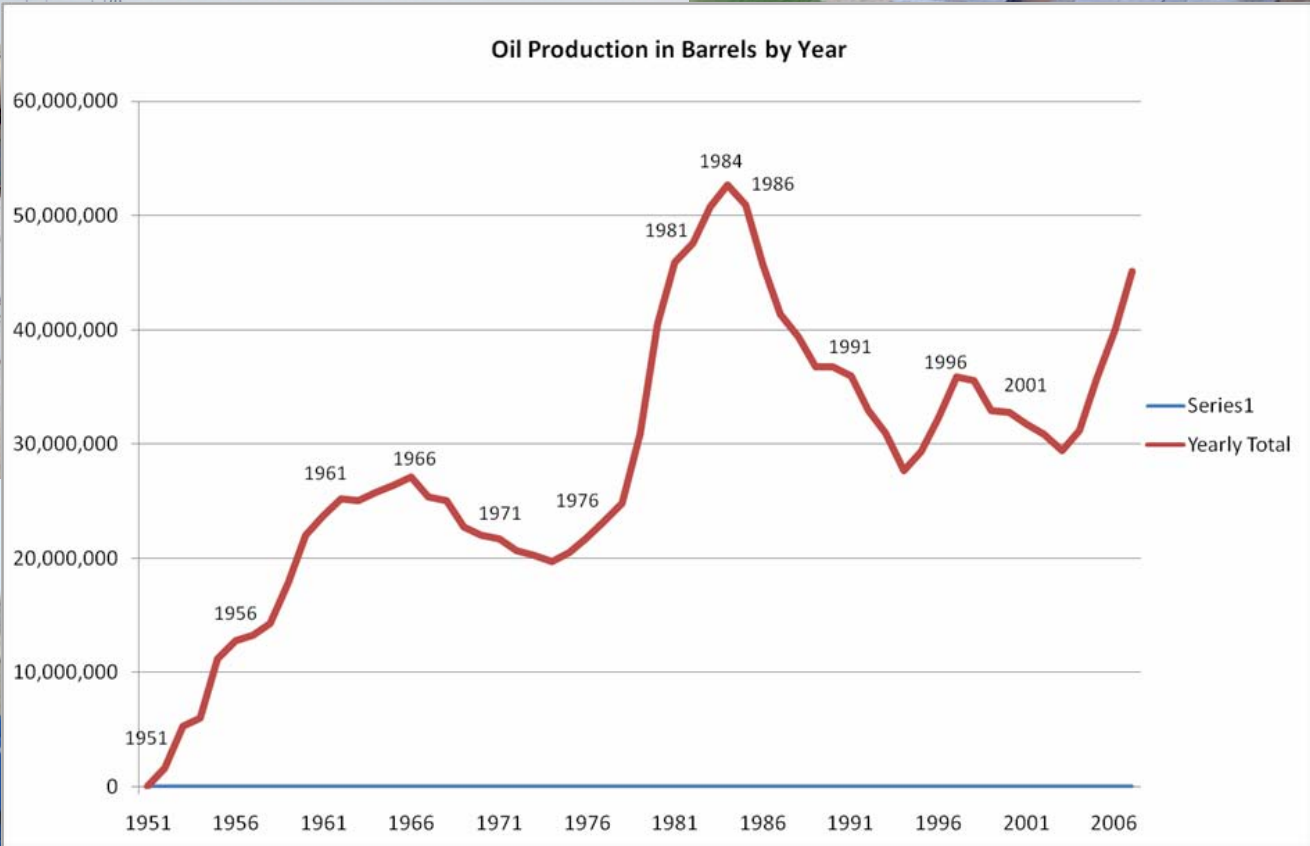
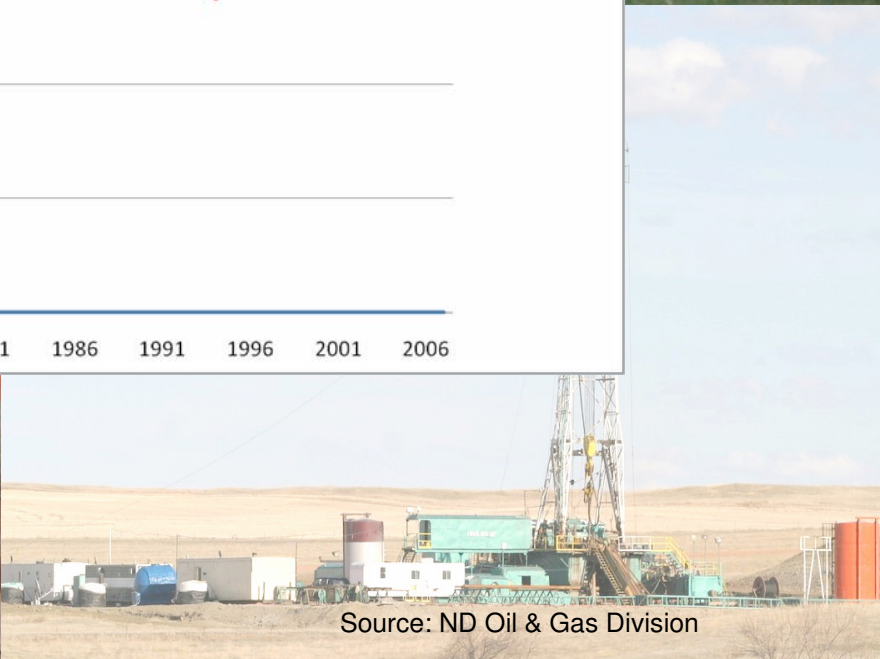
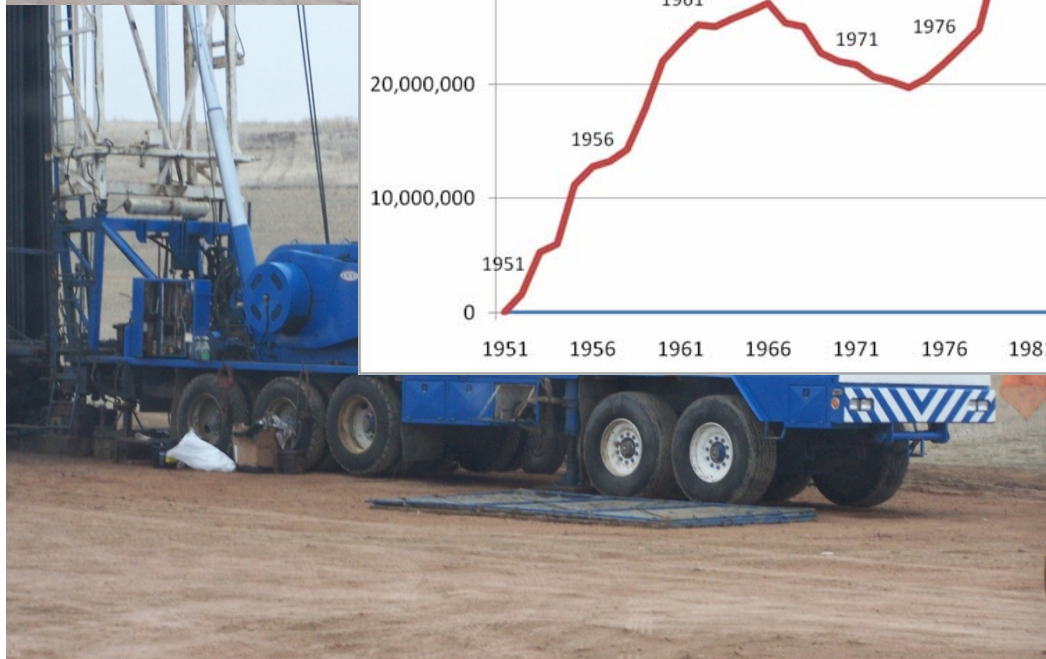


Source: Bureau of Economic Analysis

High Freight Production Economic Sectors



Source: Bureau of Economic Analysis



Source: ND Oil & Gas Division



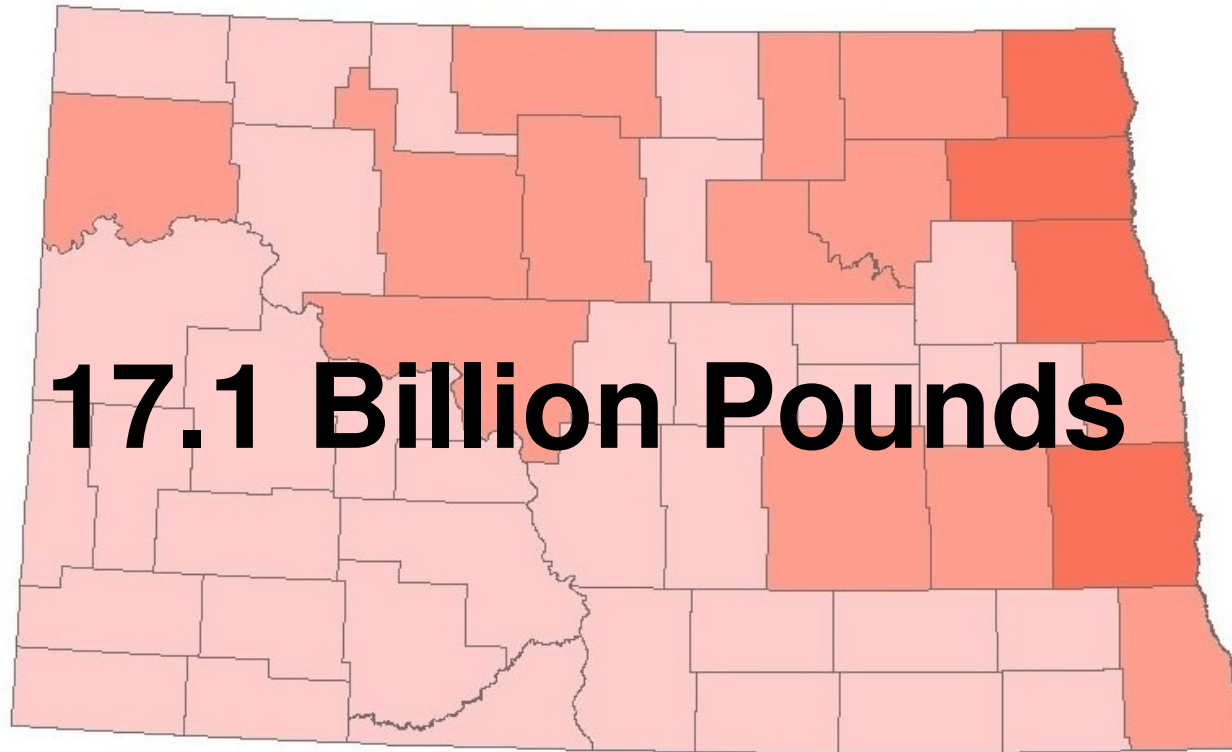
**Between 1993 and 2002 Manufacturing Tonnage
in North Dakota Increased by 37%**

Manufacturing (in tons)

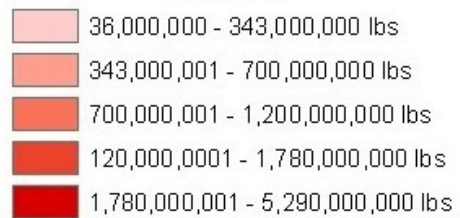
	<u>1993</u>	<u>2002</u>
Trucks	12,855,200	17,612,000
Railroads	3,213,800	4,403,000
Total	16,069,000	22,015,000

Truck share is estimated at 80%

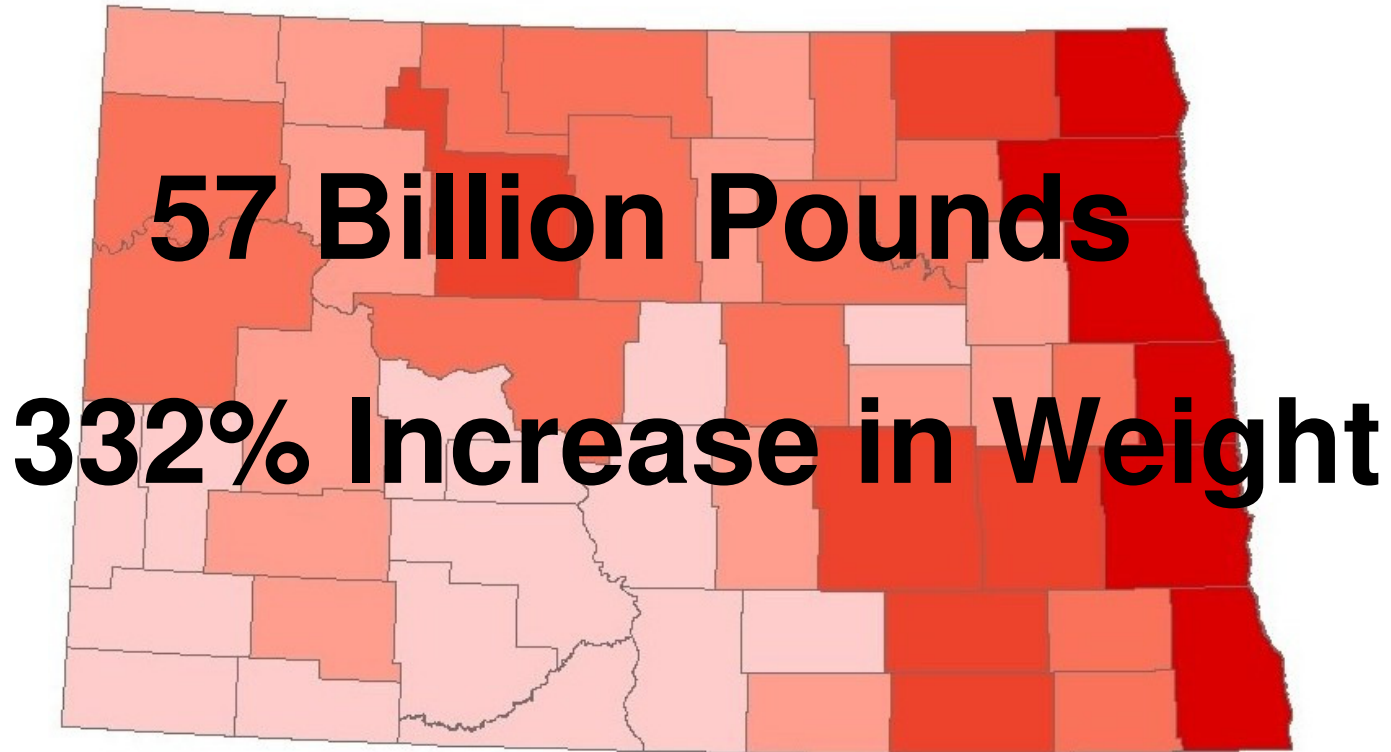
All Crops in Pounds
1950



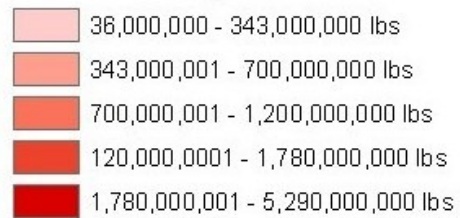
Legend



All Crops in Pounds
2006



Legend



1950

**Five Class 1 Railroads
5,243 Miles**

2007

**Two Class 1 Railroads
Five Shortlines
3,609 Miles**

Source: NDPSC





1950

1025 Licensed Elevators

60,791,000 Bushel Capacity

2007

402 Licensed Elevators

288,619,900 Bushel Capacity

Source: NDPSC

1950

2,102 Centerline Miles of Paved State Highways

73,280 GVW

2,838 Miles of Paved County Highways

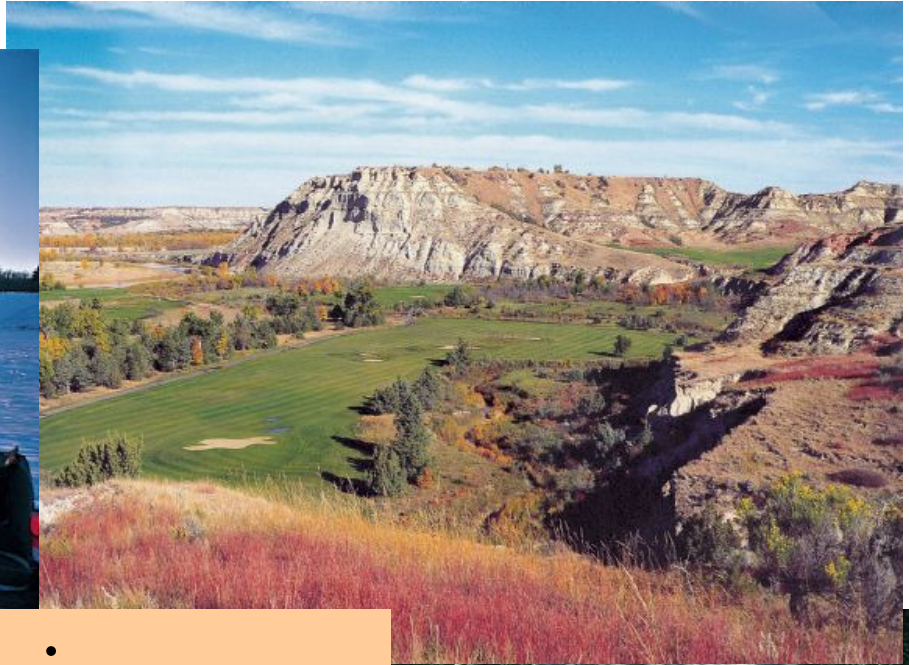
2008

7,384 Centerline Miles of Paved State Highways

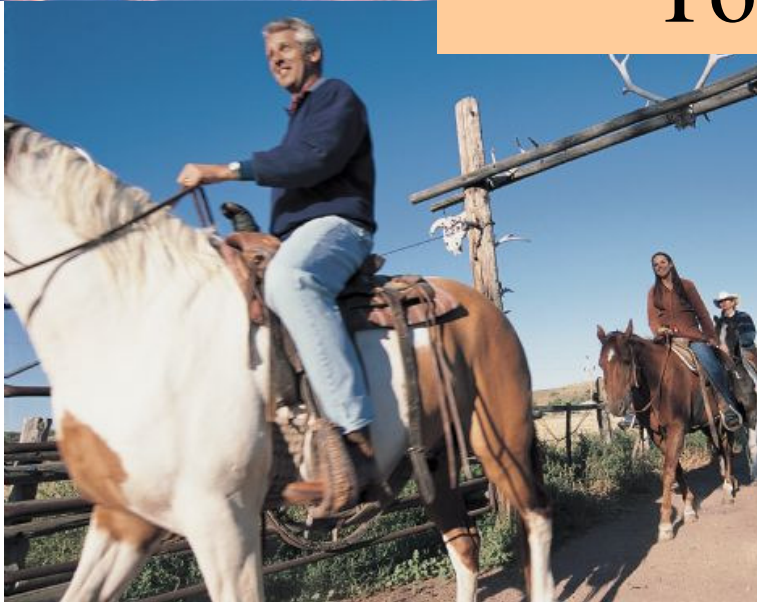
105,500 GVW

6,814 Miles of Paved County Highways

Source: NDDOT



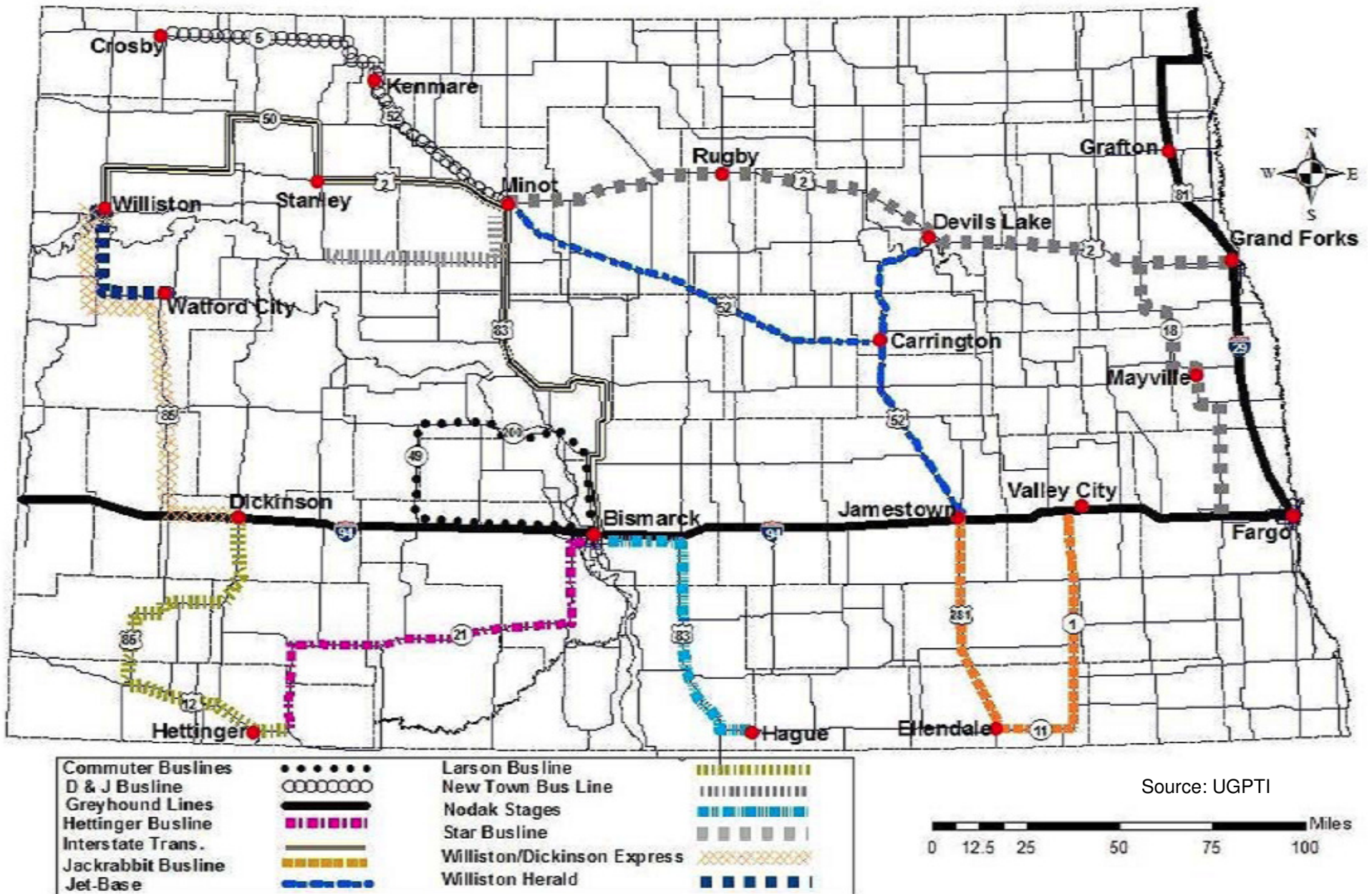
Tourism





Personal Mobility

Inter-City Bus Service 1981



Inter-City Bus Service - 2008



Jefferson Bus Line

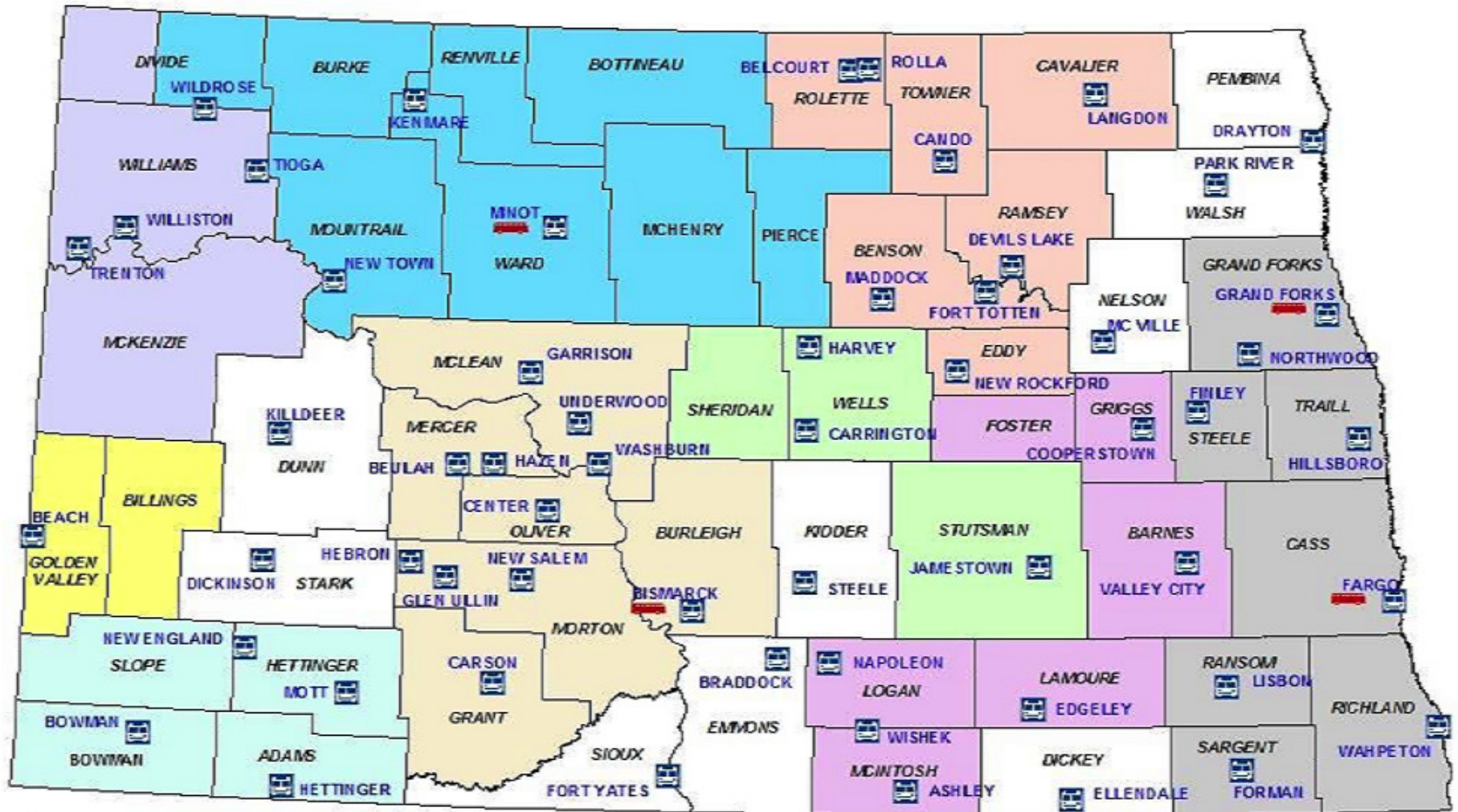
Rimrock Stages

New Town Bus Line

Greyhound Bus Line

Source: UGPTI

Personal Mobility



Legend

Fixed Route Service	Golden Valley / Billings Council on Aging	South Central Adult Services
Paratransit Service	Southwest Transportation Services	Fargo Senior Commission (Excluding Grand Forks city limits)
Souris Basin Transportation	West River Transportation	North Central Planning Council
Williston Council on Aging	James River Senior Citizen's Center	Other



Source: UGPTI

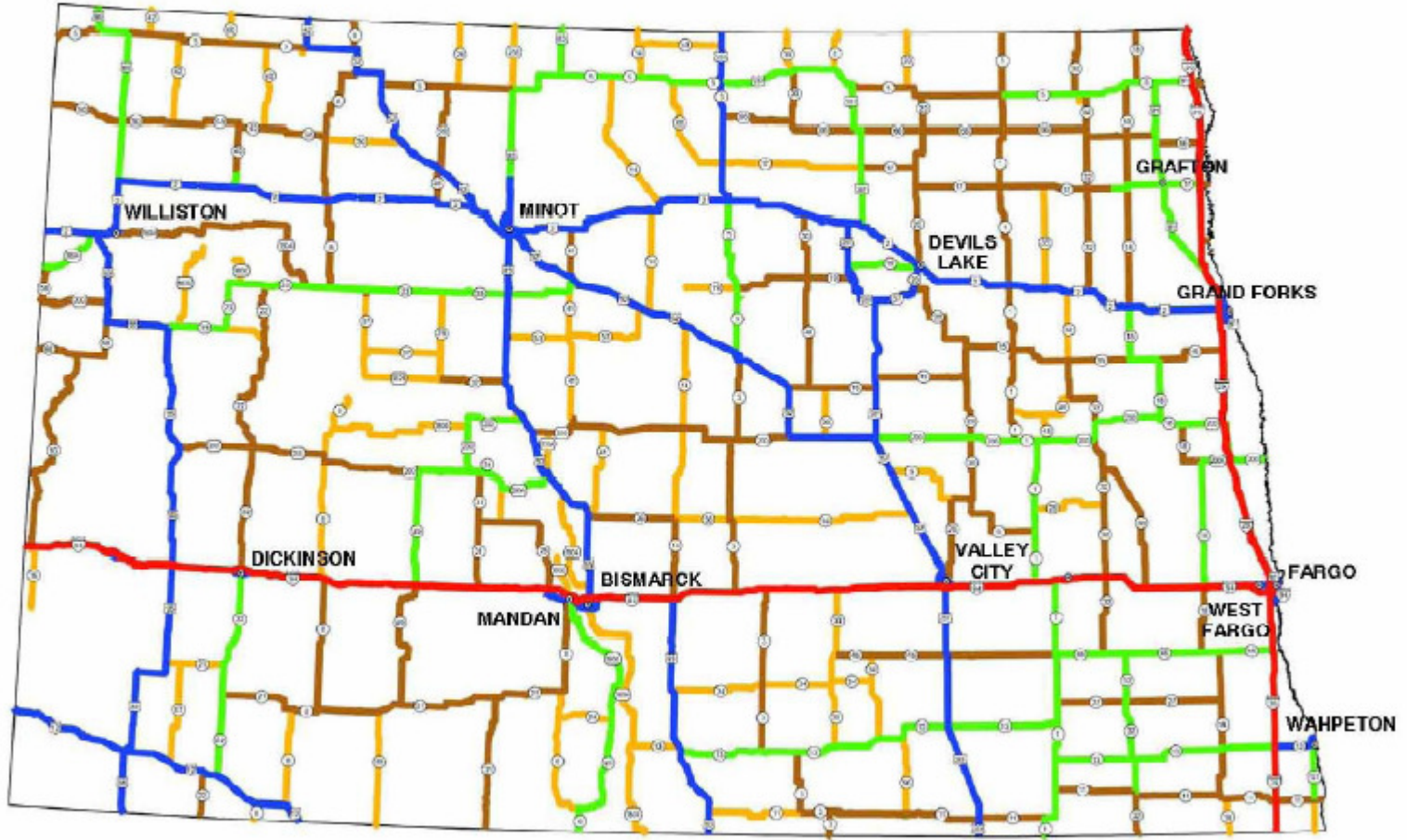


TransAction II



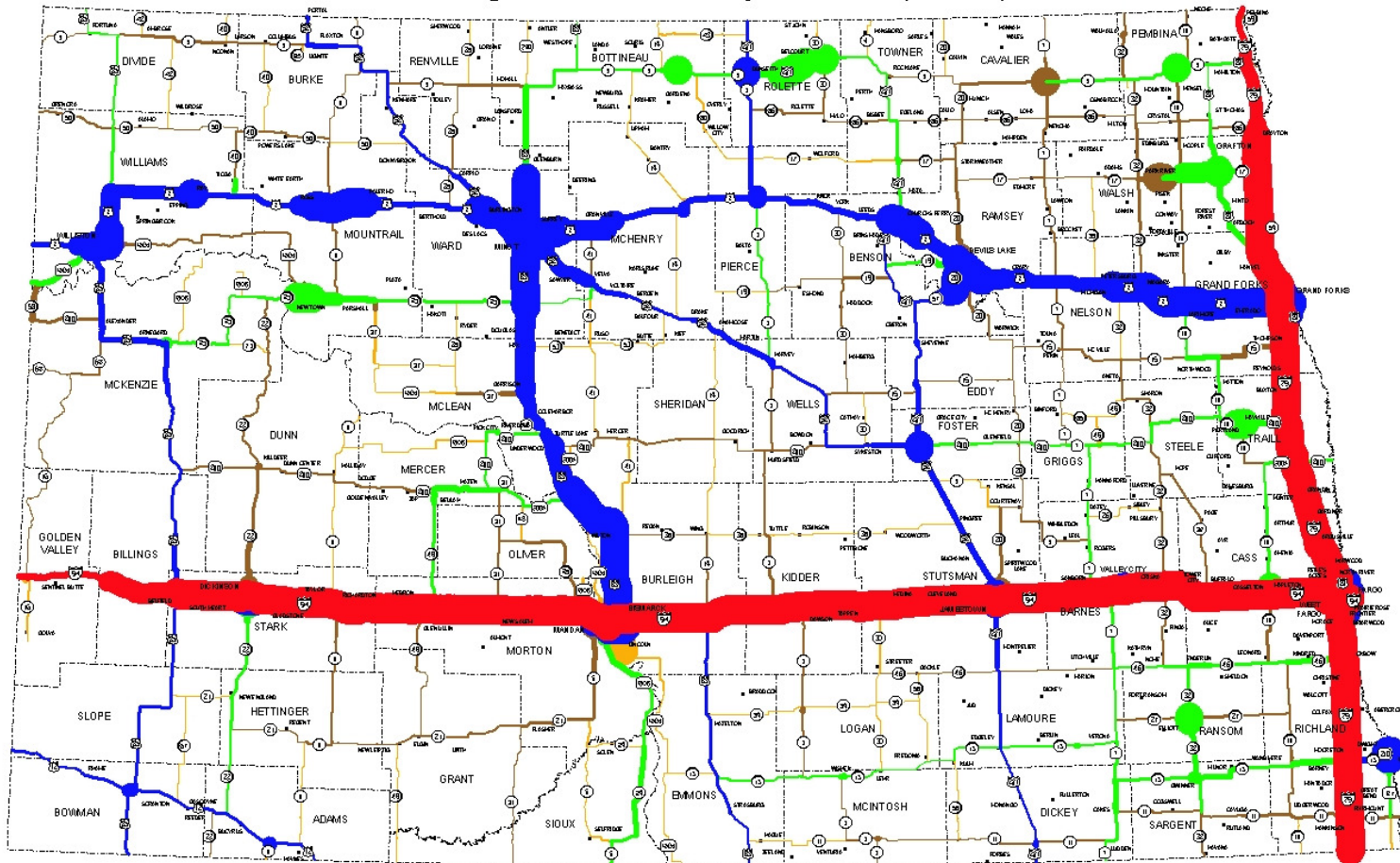
**North Dakota's
Statewide Strategic Transportation Plan
2007**

State Highway Performance Classification System



Data taken from the North Dakota Transportation Handbook, NDDOT, December 2006.

Average Annual Daily Traffic (2006)



Interstate AADT	Interregional AADT	State Corridor AADT	District Corridor AADT	District Collector AADT
< 400	< 400	< 400	< 400	< 400
400 - 749	400 - 749	400 - 749	400 - 749	400 - 749
750 - 1499	750 - 1499	750 - 1499	750 - 1499	750 - 1499
1500 - 1999	1500 - 1999	1500 - 1999	1500 - 1999	1500 - 1999
2000 - 2499	2000 - 2499	2000 - 2499	2000 - 2499	2000 - 2499
2500 - 2999	2500 - 2999	2500 - 2999	2500 - 2999	2500 - 2999
3000 - 3499	3000 - 3499	3000 - 3499	3000 - 3499	3000 - 3499
3500 - 3999	3500 - 3999	3500 - 3999	3500 - 3999	3500 - 3999
> 4000	> 4000	> 4000	> 4000	> 4000

AADT BY HPCS

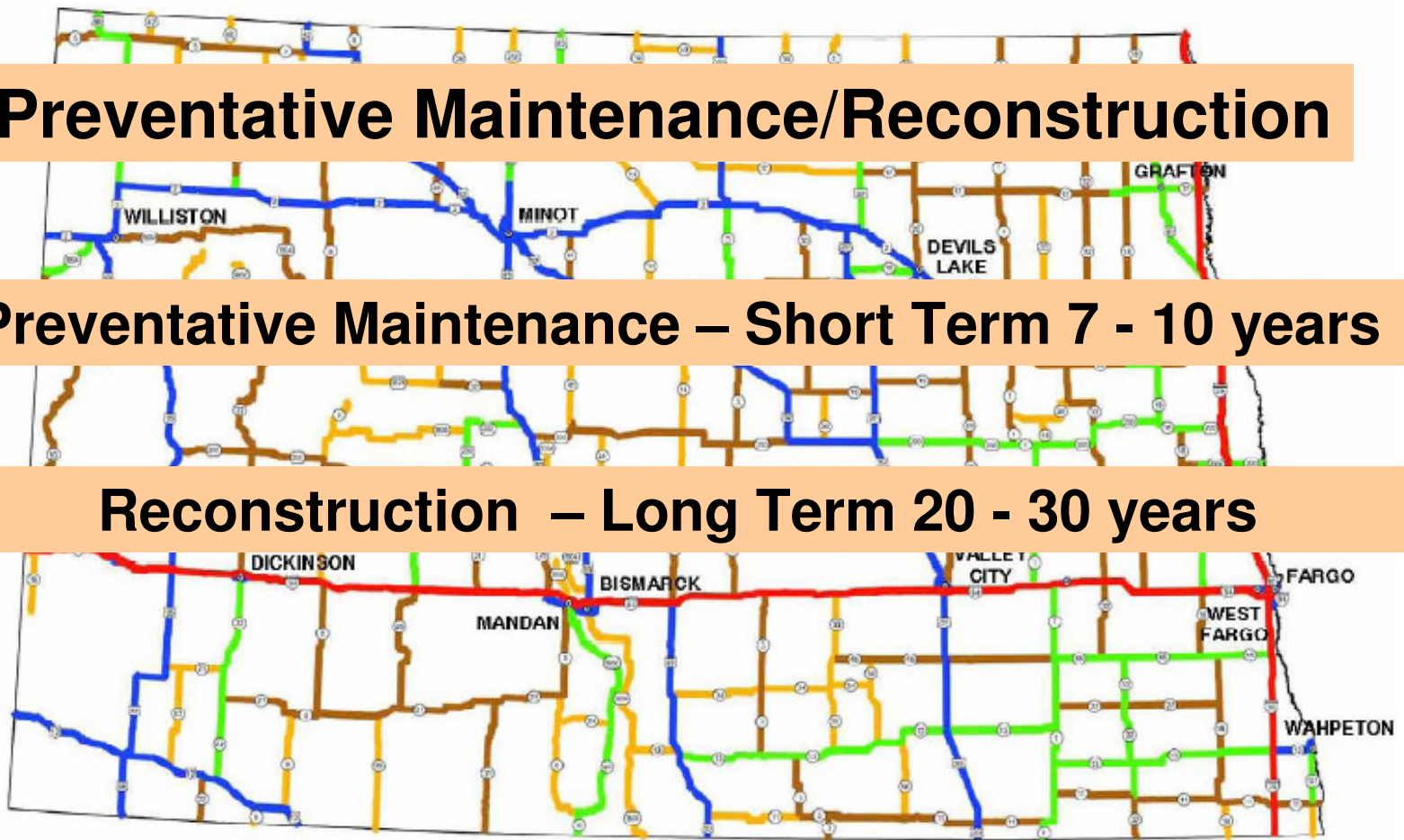
STATE OF
NORTH DAKOTA
PREPARED BY THE
NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
PLANNING & PROGRAMMING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
April 2008

North Dakota Highway Investment Strategy

Preventative Maintenance/Reconstruction

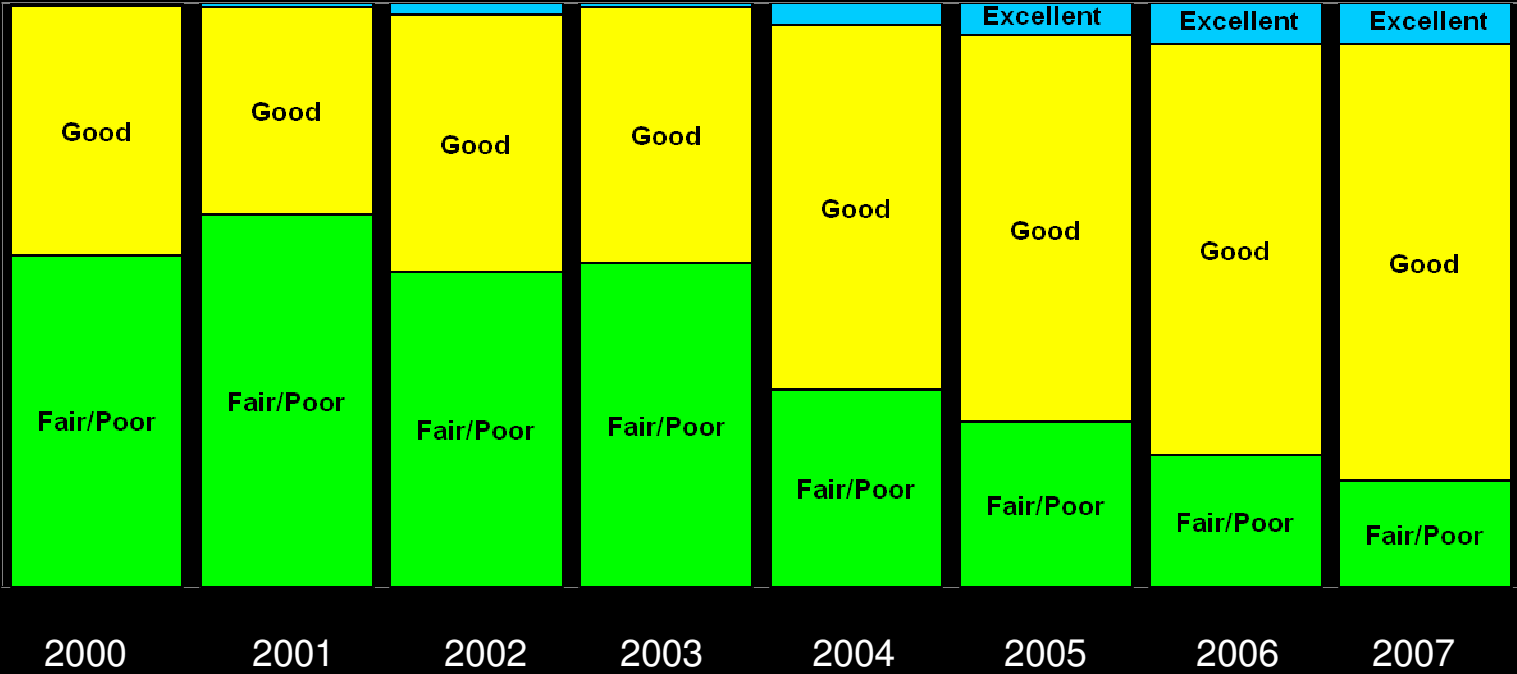
Preventative Maintenance – Short Term 7 - 10 years

Reconstruction – Long Term 20 - 30 years

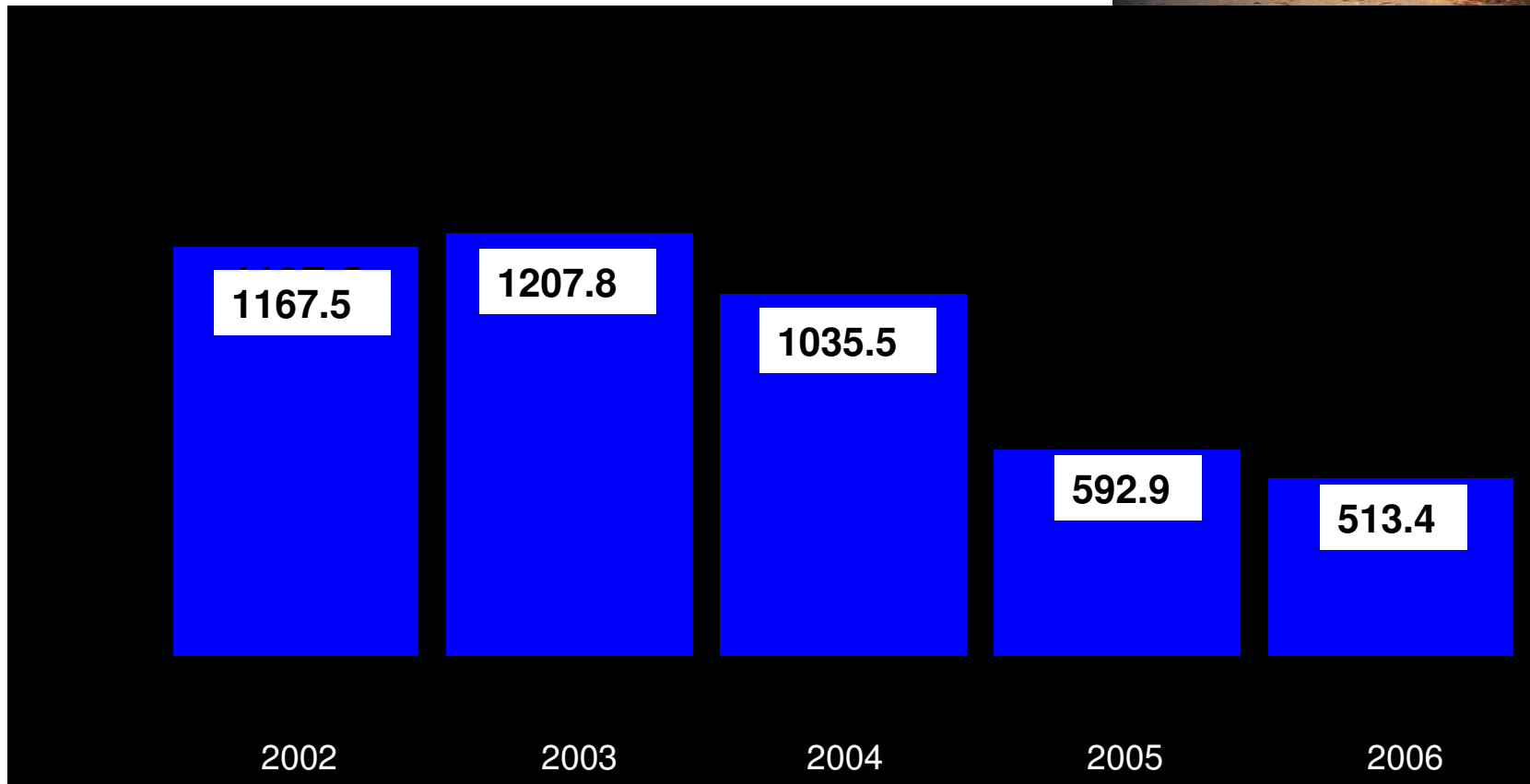


Data taken from the North Dakota Transportation Handbook, NDDOT, December 2006.

HPCS Ride Summary

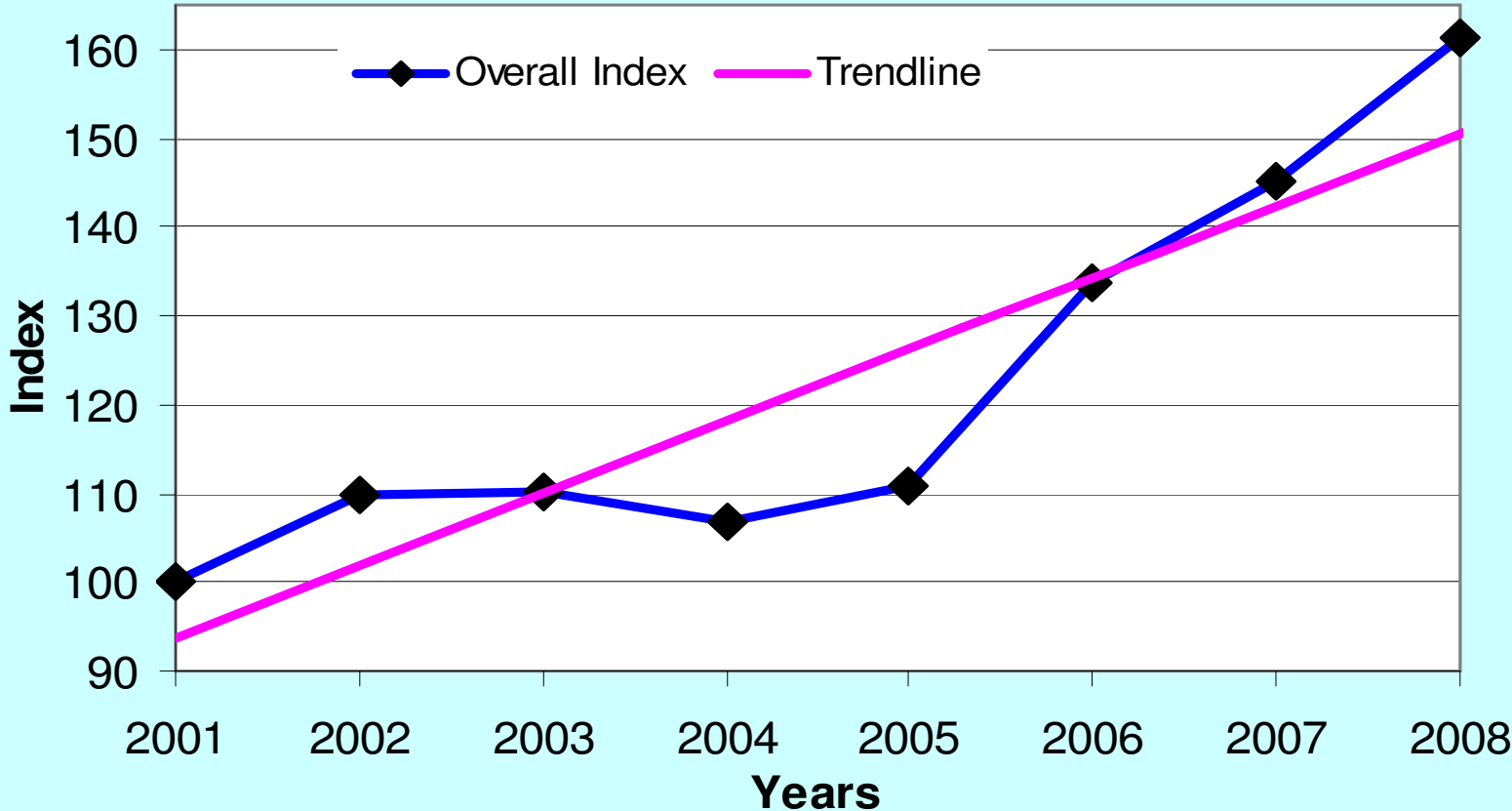


HPCS Load-Carrying Capacity

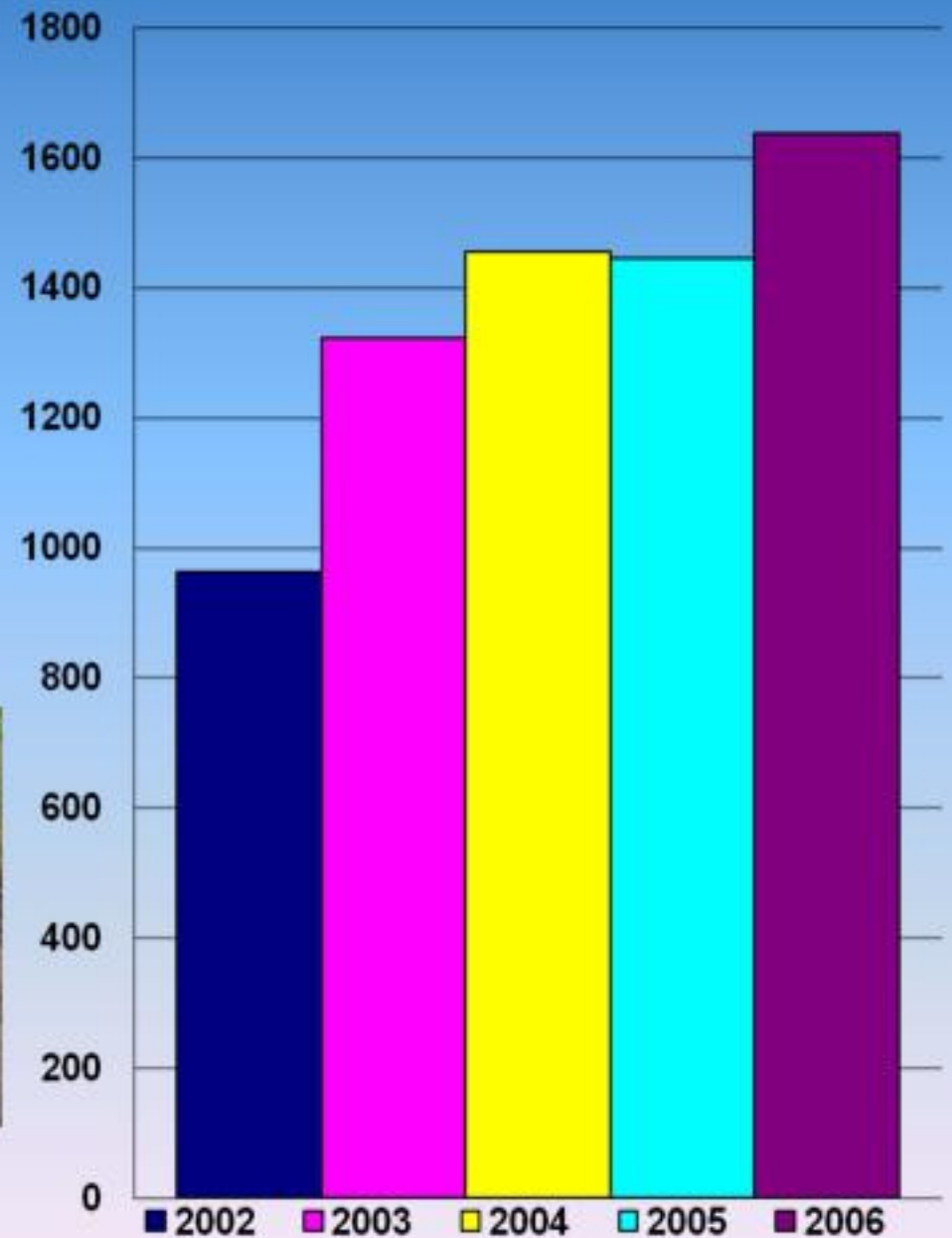


NDDOT Construction Cost Index

North Dakota's Overall Construction Cost Index




HPCS Distress Mileage



**Is transportation important to the
state? Yes, it is!**



A scenic view of a winding asphalt road through rolling green hills under a blue sky with scattered white clouds. The road has a double yellow line in the center and a white line on the right side. The hills are covered in lush green grass and some small yellow flowers. The sky is a vibrant blue with soft, white clouds.

NDDOT will continue to work cooperatively and collaboratively with local and tribal governmental entities, the legislature, congressional delegation, and the private sector to the best of our ability to provide a transportation system that safely moves people and goods.