

# **NORTH DAKOTA 2010 TRAFFIC REPORT**



**North Dakota Department of Transportation  
Planning and Asset Management Division  
Traffic Data Section**

**March 2011**

# **NORTH DAKOTA 2010 TRAFFIC REPORT**

**Prepared by  
NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
BISMARCK, NORTH DAKOTA  
[www.dot.nd.gov](http://www.dot.nd.gov)**

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**March 2011**

## CONTENTS

	<u>Page</u>
Overview.....	1
History of Traffic and Related Data.....	2
Graph of Traffic and Related Data.....	4
Thirteen Major City Coverage Counts.....	6
ATR Location and Description.....	7
Maps:	
State Traffic Counting Regions 2010 to 2012.....	5
ATR Stations Map.....	9
WIM Stations Map.....	10
National Highway System.....	11
Traffic Flow Map - Traffic Data 2010.....	12
AADT Map.....	13
Truck AADT Map.....	14
Equivalent Single Axle Loads Map.....	15
Potato Production by County.....	16
Sugar Beet Production and Truck Routes.....	17
ATR Data:	
AADT Trends at Each Station.....	18
Truck Trends at Each ATR Station.....	20
Total Traffic Variations:	
Hourly.....	21
Daily.....	27
Monthly.....	28
Seasonal.....	30
Truck Traffic Variations:	
Daily.....	31
Monthly.....	32
Seasonal.....	33
Peak Hour, Design Hour and Directional Distribution at ATR Stations.....	34

Vehicle Miles Estimates:

Miles Traveled Versus Miles of Road Served.....	38
Summary of Existing Mileage for Rural and Urban Roads...	40
Annual VMT for the 13 Major Cities.....	41
Rural Annual VMT by Functional Class .....	42
Annual Vehicle Miles Travel by County.....	43
2010 Rural Annual VMT Map .....	44
2010 Total Annual VMT Map .....	45
Daily Truck VMT for Statewide.....	46
Daily Truck VMT for Interstate.....	48
Border Crossings Summary.....	50
Total Auto Volume Entering from Canada Map.....	51
Total Truck Volume Entering from Canada Map.....	52

## OVERVIEW

This report contains summaries of data obtained from studies conducted in 2010 by The North Dakota Department of Transportation (NDDOT) Planning and Asset Management Division. This Division is responsible for the collection and analysis of traffic data in North Dakota.

Traffic data collection has been conducted in North Dakota Since 1936. Since 1963 this information has been compiled and presented as an annual report. Due to the continuing demand for this information, the annual report has continued to ensure that this information is readily available.

Included are maps, graphs, and tabulations that illustrate annual average daily traffic (AADT); percent of travel by hour, month, and season; and estimates of annual vehicle miles of travel by highway system. The data was obtained from the following sources:

1. Automatic traffic recorders (ATRs) continuously record hourly volumes of traffic throughout the year. A list of ATR stations and locations are presented on pages 7 and 8. The counter locations are shown on the map on page 9.
2. Short-term (48-hour) traffic counts obtained with portable equipment. Short-term counts were obtained at approximately 3500 locations on various highways, roads, and streets over the eastern one-third of the state.
3. Weigh-In-Motion (WIM) sensors were installed at 12 locations.

Only basic information of general interest is included with this report. More detailed information is available and can be obtained on our website or by contacting the Traffic Data Section of the Planning and Asset Management Division of the NDDOT, 608 East Boulevard Avenue, Bismarck, ND 58505-0700, (701) 328-1893.

Maps with all of our traffic counts can be accessed on the NDDOT website by entering the following URL address:

<http://www.dot.nd.gov/road-map/traffic/index.htm#>

Then click the link for "**Current Traffic Information**".

## HISTORY OF TRAFFIC AND RELATED DATA

YEAR	POPULATION (1000'S)	VEHICLE REGISTRATIONS (1000'S) (REG.)	PERSONS PER VEHICLE REG.	GALLONS OF VEHICLE GAS AND FUEL TAXED (MILLIONS)	VEHICLE REG. PER 100 PERSONS	ANNUAL MILES PER VEHICLE	ANNUAL MILES TRAVELED PER CAPITA	ANNUAL VEHICLE MILES (MILLIONS)
1951	608	284	2.14	146	46.70	-	-	-
1952	613	285	2.15	152	46.50	-	-	-
1953	619	293	2.11	159	47.30	7,850	3,716	2,300
1954	623	300	2.08	164	48.20	7,840	3,775	2,352
1955	628	309	2.03	171	49.20	7,625	3,752	2,356
1956	629	311	2.02	174	49.40	7,958	3,935	2,475
1957	629	320	1.97	193	50.90	8,259	4,202	2,643
1958	620	329	1.88	204	53.10	8,544	4,534	2,811
1959	627	339	1.85	197	54.10	8,788	4,751	2,979
1960	632	345	1.83	210	54.60	8,925	4,872	3,079
1961	640	349	1.83	198	54.50	9,037	4,928	3,154
1962	642	358	1.79	212	55.80	9,014	5,026	3,227
1963	634	375	1.69	236	59.10	8,813	5,213	3,305
1964	645	385	1.68	248	59.70	8,834	5,273	3,401
1965	652	396	1.65	257	60.70	8,684	5,275	3,439
1966	650	406	1.60	253	62.50	8,562	5,348	3,476
1967	631	405	1.56	259	64.20	8,504	5,458	3,444
1968	627	414	1.51	274	66.00	8,572	5,660	3,549
1969	615	420	1.46	279	68.30	8,700	5,941	3,654
1970	618	428	1.44	302	69.30	8,895	6,160	3,807
1971	625	444	1.41	321	71.00	8,908	6,328	3,955
1972	632	464	1.36	347	73.40	8,871	6,513	4,116
1973	640	490	1.31	370	76.60	8,776	6,719	4,300
1974	637	527	1.21	353	82.70	8,294	6,862	4,371
1975	638	551	1.16	377	86.40	8,171	7,056	4,502
1976	640	563	1.14	414	88.00	8,495	7,473	4,783
1977	643	580	1.11	422	90.20	8,555	7,717	4,962
1978	652	599	1.09	444	91.90	8,826	8,109	5,287
1979	657	617	1.06	440	93.90	8,483	7,967	5,234
1980	653	627	1.04	414	96.00	8,440	8,104	5,292
1981	653	641	1.02	427	98.20	8,496	8,340	5,446
1982	653	654	1.00	429	100.20	8,228	8,240	5,381
1983	680	666	1.02	427	97.90	8,179	8,010	5,447

## HISTORY OF TRAFFIC AND RELATED DATA

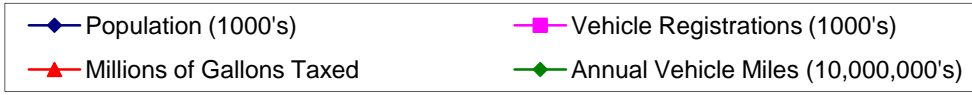
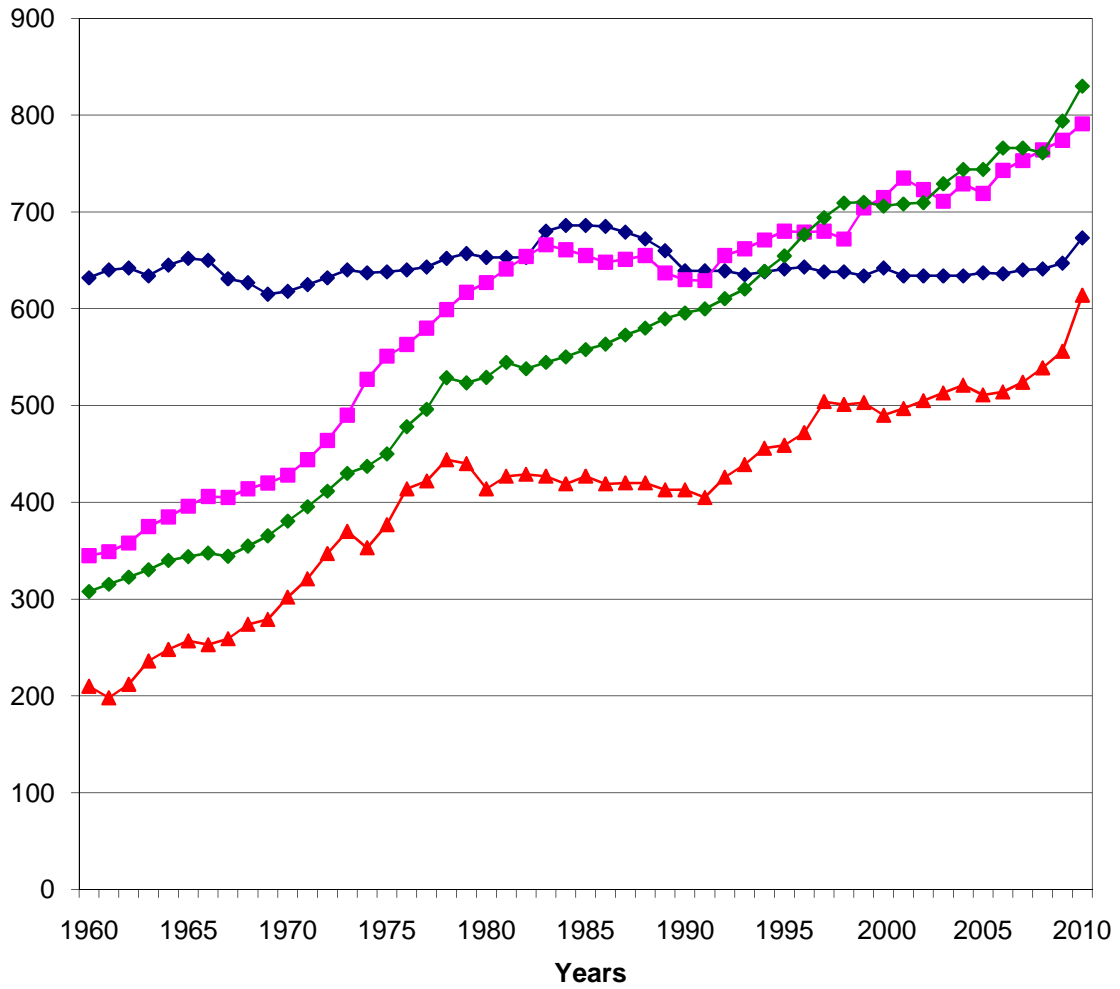
YEAR	POPULATION (1000'S)	VEHICLE REGISTRATIONS (REG.) (1000'S)	PERSONS PER VEHICLE REG.	GALLONS OF GAS AND FUEL TAXED (MILLIONS)	VEHICLE REG. PER 100 PERSONS	ANNUAL MILES PER VEHICLE	ANNUAL MILES TRAVELED PER CAPITA	ANNUAL VEHICLE MILES (MILLIONS)
1984	686	661	1.04	419	96.40	8,327	8,023	5,504
1985	686	655	1.05	427	95.50	8,518	8,133	5,579
1986	685	648	1.06	419	94.60	8,694	8,225	5,634
1987	679	651	1.04	420	95.90	8,800	8,437	5,729
1988	672	655	1.03	420	97.50	8,855	8,631	5,800
1989	660	637	1.04	413	96.50	9,257	8,935	5,897
1990	639	630	1.01	413	98.60	9,456	9,322	5,957
1991	639	629	1.02	405	98.40	9,537	9,388	5,999
1992	639	655	0.98	426	102.50	9,321	9,554	6,105
1993	635	662	0.96	439	104.30	9,371	9,770	6,204
1994	638	671	0.95	456	105.20	9,520	10,013	6,388
1995	641	680	0.94	459	105.90	9,639	10,211	6,546
1996	643	679	0.94	472	105.60	9,966	10,524	6,767
1997	638	680	0.93	504	106.60	10,209	10,883	6,942
1998	638	672	0.95	501	105.30	10,555	11,118	7,093
1999	634	704	0.90	503	111.00	10,086	11,200	7,101
2000	642	715	0.89	490	111.40	9,875	10,998	7,061
2001	634	735	0.86	497	115.90	9,638	11,174	7,084
2002	634	723	0.88	505	138.80	8,063	11,191	7,095
2003	634	711	0.89	513	112.20	10,253	11,500	7,290
2004	634	729	0.87	521	114.98	10,204	11,733	7,439
2005	637	719	0.89	511	112.87	10,352	11,684	7,443
2006	636	743	0.86	514	116.82	10,315	12,050	7,664
2007	640	753	0.85	524	117.66	10,177	11,973	7,663
2008	641	764	0.84	539	119.19	9,958	11,869	7,608
2009	647	774	0.84	556	119.63	10,262	12,277	7,943
2010	673	791	0.85	614	117.53	10496.8394	12,337	8,303

FUEL TAXED INCLUDES GALLONS OF GAS FOR OTHER THAN MOTOR VEHICLES

The number of vehicle registrations in a given year will exceed the total number of vehicles in the state because a vehicle may be registered more than once if there was a change in ownership.

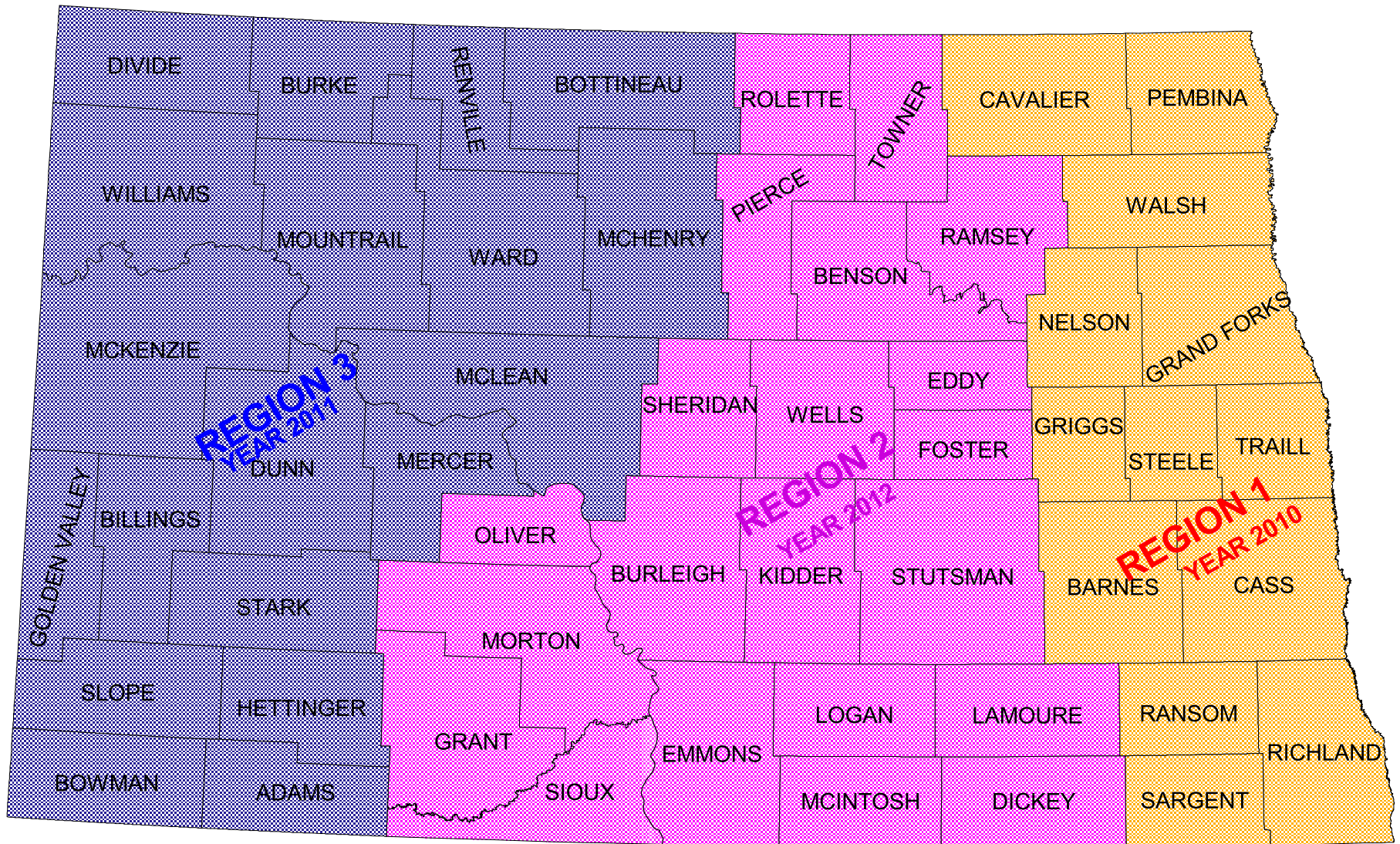
# Traffic and Related Trends

For the Years 1960 - 2010





# NORTH DAKOTA DEPARTMENT OF TRANSPORTATION TRAFFIC COUNTING CYCLE



(5)

Planning & Asset Management Division  
Traffic Data Section  
City Traffic Counts

<b>CITY</b>	<b>YEAR COUNTED</b>	<b>YEAR TO COUNT</b>
Fargo	2010	2013
West Fargo	2010	2013
Wahpeton	2010	2013
Valley City	2010	2013
Grand Forks	2010	2013
Grafton	2010	2013
Minot	2008	2011
Dickinson	2009	2011
Williston	2008	2011
Bismarck	2009	2012
Mandan	2009	2012
Devils Lake	2008	2012
Jamestown	2010	2012

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
ATR AND WIM LOCATIONS**

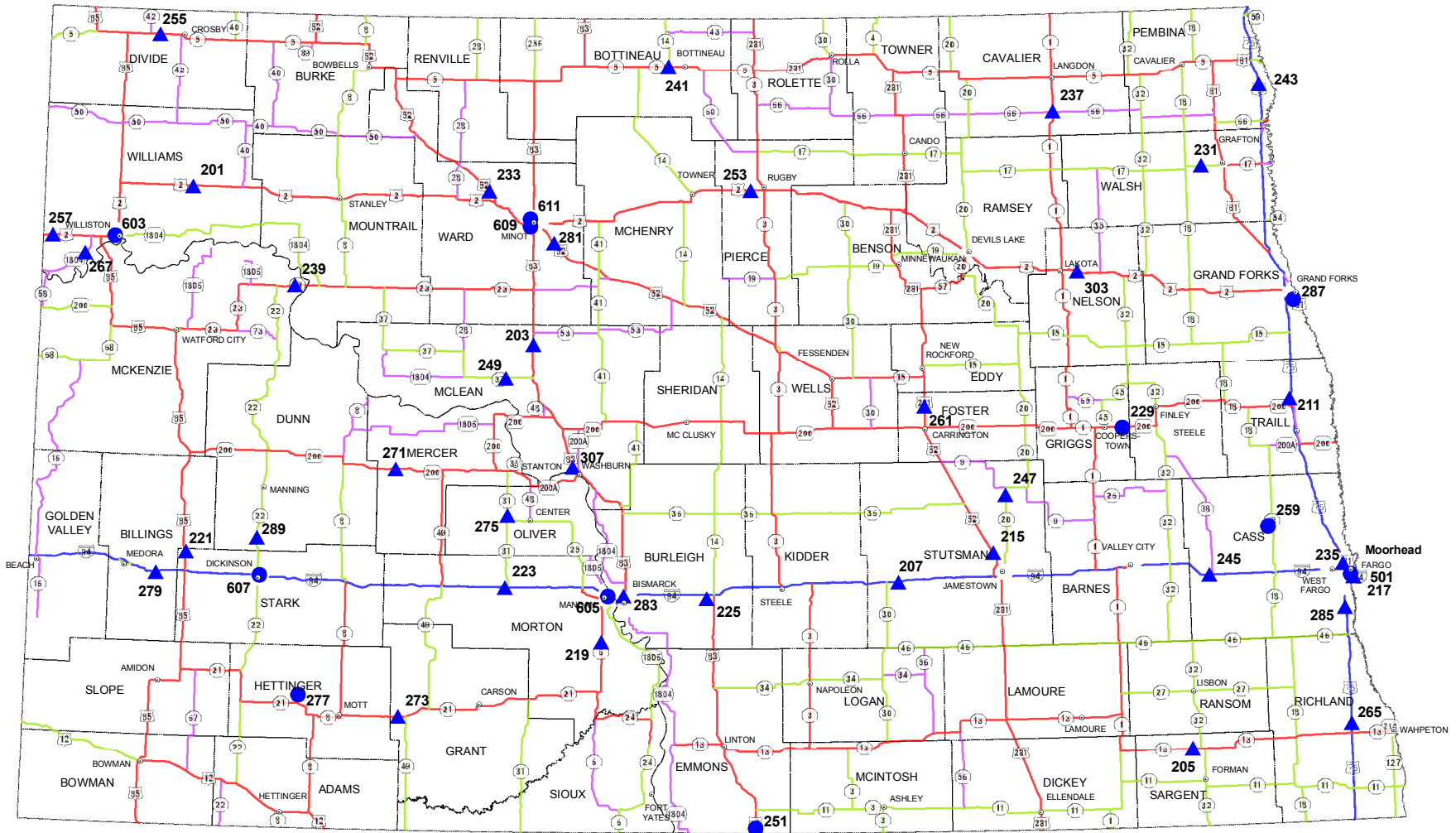
WIM locations are highlighted yellow

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
<b>URBAN INTERSTATE 94</b>						
7	WEST FARGO	94	347.000	0.5200	Weight	I-94 WEST OF 45 STREET
217	FARGO (U)	94	352.000	0.0000	Class	RED RIVER BRIDGE
283	BISMARCK (U)	94	159.000	0.0000	Class	0.4 MILES WEST OF US 83 INT.
<b>RURAL INTERSTATE 94</b>						
1	BELFIELD	94	34.000	0.7000	Weight	I-94 EB ONLY - 7 MILES WEST OF BELFIELD
207	MEDINA	94	231.000	0.3000	Class	0.9 MILES EAST OF MEDINA
223	NEW SALEM	94	126.000	0.9000	Class	0.8 MILES WEST OF ND 31 INT.
245	TOWER CITY	94	314.000	0.0057	Class	0.9 MILES WEST OF BUFFALO
279	PAINTED CANYON	94	34.000	0.7100	Class	7.8 MILES WEST OF US 85 INT.
<b>URBAN INTERSTATE 29</b>						
235	FARGO (U)	29	66.255	0.5425	Class	NORTH OF 12TH AVE.
<b>RURAL INTERSTATE 29</b>						
4	WAHPETON	29	18.000	0.0000	Weight	HWY 29 - SOUTH OF THE MOORETON SCALE
6	JOLIETTE	29	207.000	0.8700	Weight	I-29 NORTH OF JOLIETTE STATIC SCALE
211	BUXTON	29	112.000	0.8000	Class	4.0 MILES NORTH OF MAYVILLE INT.
243	BOWESMONT	29	196.014	0.5851	Class	0.5 MILES NORTH OF BOWESMONT
265	MOORETON	29	25.000	0.0000	Class	2.5 MILES NORTH OF ND 13
285	DAVENPORT	29	55.000	0.5000	Class	1.3 MILES NORTH OF DAVENPORT INT
<b>RURAL PRINCIPAL ARTERIAL</b>						
2	BOWMAN	85	12.000	0.2000	Weight	HWY 85 - 4 MILES SOUTH OF BOWMAN
3	ELLENDALE	281	1.000	0.9000	Weight	HWY 281 - 2 MILES SOUTH OF ELLENDALE
5	WILLISTON	2	13.000	0.4400	Weight	HWY 2 - WEST OF WILLISTON STATIC SCALE
8	PORTAL	52	3.000	0.3700	Weight	HWY 52 EB LANE ONLY - SOUTH OF PORTAL
9	WASHBURN	83	120.000	0.6600	Weight	US 83 NB/SB 6 MILES SOUTH OF WASHBURN
10	DEVILS LAKE	2	263.000	0.5000	Weight	HWY 2 EB ONLY - WEST OF DEVILS LAKE
11	WATFORD CITY	85	139.000	0.5600	Weight	HWY 85 NB/SB - SOUTH OF WATFORD CITY
12	BUCHANAN	52	248.000	0.6100	Weight	HWY 52 EB/WB LANES - NORTH OF BUCHANAN
201	RAY	2	51.000	0.3000	Class	2.1 MILES WEST OF RAY
203	MAX	83	168.000	0.7000	Class	3.3 MILES SOUTH OF ND 53
205	GWINNER	13	337.000	0.2000	Class	2.1 MILES WEST OF ND 32
215	JAMESTOWN	52	259.000	0.5000	Class	2.5 MILES NORTH OF JAMESTOWN
219	MANDAN	6	55.000	0.9000	Class	11.0 MILES SOUTH OF MANDAN
221	FAIRFIELD	85	80.000	0.9000	Class	5.1 MILES NORTH OF I-94
229	COOPERSTOWN	200	345.000	0.3000	Volume	4.0 MILES EAST OF COOPERSTOWN
233	FOXHOLM	52	78.000	0.3000	Class	1.5 MILES SOUTHEAST OF FOXHOLM
237	NEKOMA	1	205.000	0.2000	Class	8.5 MILES SOUTH LANGDON
239	NEW TOWN	23	42.000	0.9000	Class	4.7 MILES EAST OF ND 22
241	BOTTINEAU	5	174.000	0.0000	Class	0.2 MILES WEST OF ND 14
251	HAGUE	83	1.000	0.1000	Volume	1.1 MILES NORTH OF SOUTH DAKOTA LINE
253	RUGBY	2	207.000	0.3000	Class	5.9 MILES WEST OF ND 3
255	CROSBY	5	28.000	0.7000	Class	5.9 MILES WEST OF ND 42
257	WILLISTON	2	2.000	0.4000	Class	2.4 MILES EAST OF MONTANA LINE
261	CARRINGTON	281	118.000	0.0481	Class	5.5 MILES NORTH OF JUNCTION WITH HWY 200
271	GOLDEN VALLEY	200	131.000	0.0000	Class	0.7 MILES EAST OF GOLDEN VALLEY
273	NEW LEIPZIG	21	67.000	0.6000	Class	2.1 MILES WEST OF ND 49
281	SAWYER	52	102.000	0.7000	Class	WEST OF SAWYER
303	MICHIGAN	2	300.000	0.5000	Class	4.0 MILES EAST OF ND 1
307	WASHBURN	83	130.000	0.6000	Class	NORTH OF WASHBURN
<b>RURAL MINOR ARTERIAL</b>						
231	GRAFTON	17	122.000	0.2000	Class	5.5 MILES WEST OF GRAFTON
247	COURTENAY	20	20.000	0.4000	Class	1.8 MILES SOUTH OF ND 9
249	GARRISON	37	54.000	0.8000	Class	1.0 MILES WEST OF GARRISON
275	HANNOVER	31	97.000	0.1000	Class	1.2 MILES NORTH OF HANNOVER
289	MANNING	22	81.000	0.5000	Class	SOUTH OF MANNING

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
ATR LOCATIONS**

<b>STATION</b>	<b>NAME</b>	<b>HIGHWAY</b>	<b>REF POINT</b>	<b>OFF SET</b>	<b>TYPE</b>	<b>LOCATION</b>
<b>RURAL MAJOR COLLECTOR-STATE</b>						
267	TRENTON	1804	329.000	0.8500	Class	1.5 MILES NORTHEAST OF TRENTON
<b>RURAL MAJOR COLLECTOR-COUNTY</b>						
225	STERLING	836C	14.000	0.2100	Class	CMC 0836 - 1.9 MILES WEST OF US 83
259	AYR				Volume	CMC 0918 - 12.0 MILES EAST OF AYR
277	REGENT				Volume	CMC 2117 - 2.0 MILES NORTH OF ND 21
<b>URBAN PRINCIPAL ARTERIAL</b>						
287	GRAND FORKS	81B	942.000	0.0000	Volume	S. WASHINGTON BETWEEN 24 AND 28 AVE. S.
501	FARGO (U)	81B	925.000	0.4000	Volume	UNIVERSITY AVE. BET 15 AND 15 1/2 AVE.
603	WILLISTON (U)	2B	900.000	0.7000	Volume	2ND ST. WEST OF 14TH AVE. WEST
605	MANDAN (U)	94B	917.043	0.0999	Volume	EAST MAIN ST. WEST OF TWIN CITY DRIVE
<b>URBAN MINOR ARTERIAL</b>						
607	DICKINSON (U)				Volume	9TH ST. EAST BET. 2ND AVE. & 3RD AVE. EAST
611	MINOT (U)				Volume	UNIVERSITY AVE. BET 12TH ST. & 13TH ST. NW.
<b>URBAN COLLECTOR AND LOCAL URBAN</b>						
609	MINOT (U)				Volume	16TH AVE BET. 12TH ST SW. & 17TH AVE. SW.

# Automatic Traffic Recorder (ATR) Locations



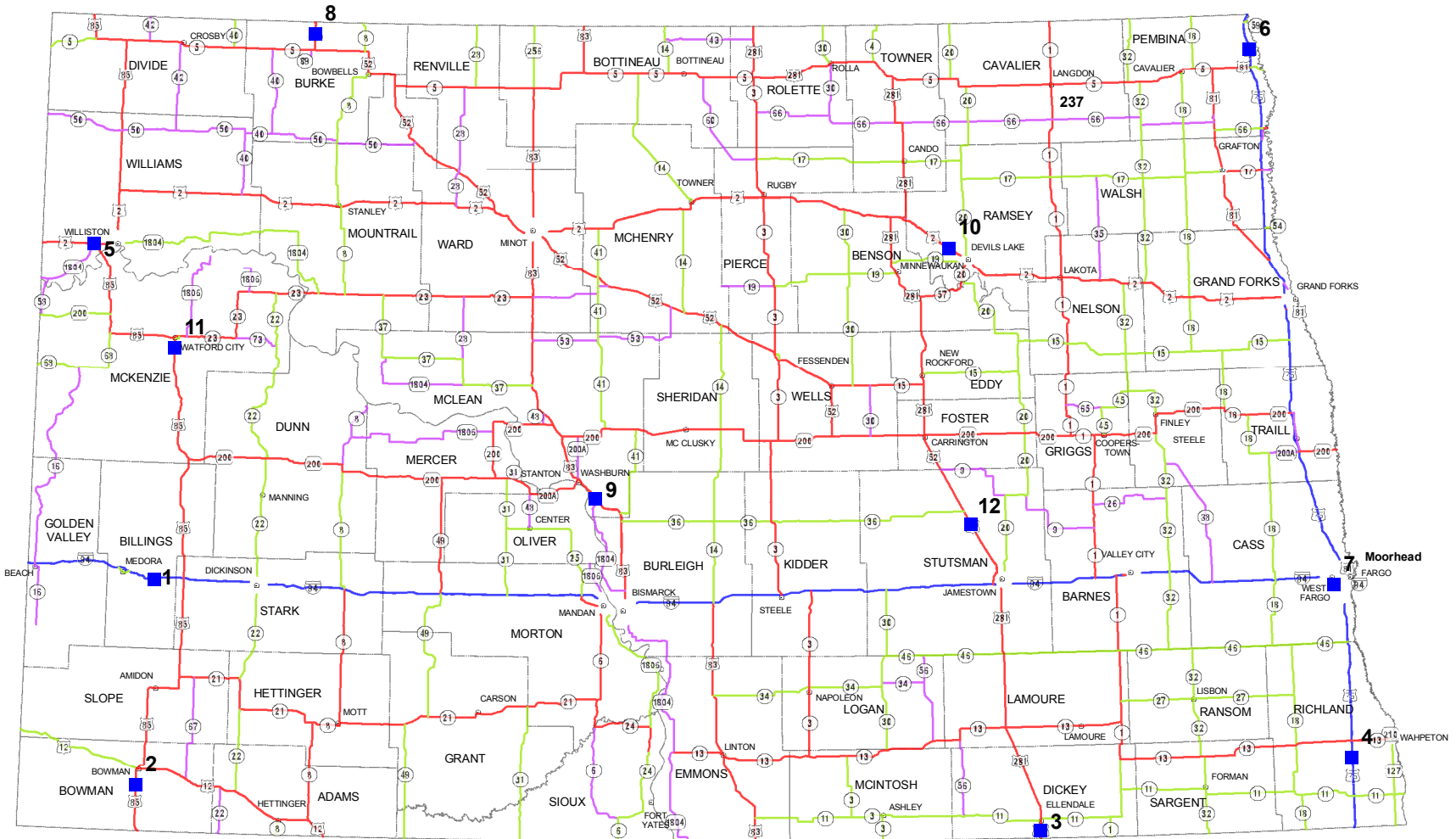
(6)

Station Type	Functional Class	Number of ATR Stations
▲ Class	— Interstate Rural	8 Rural Interstate
● Volume	— Principal Arterial Rural	21 Rural Principal Arterial
	— Minor Arterial Rural	5 Rural Minor Arterial
	— Major Collector	4 Rural Major Collector
		3 Urban Interstate
		4 Urban Principal Arterial
		2 Urban Minor Arterial
		1 Urban Collector

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 Traffic Data Section  
 December 2010

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# Weigh - In - Motion Locations



(10)

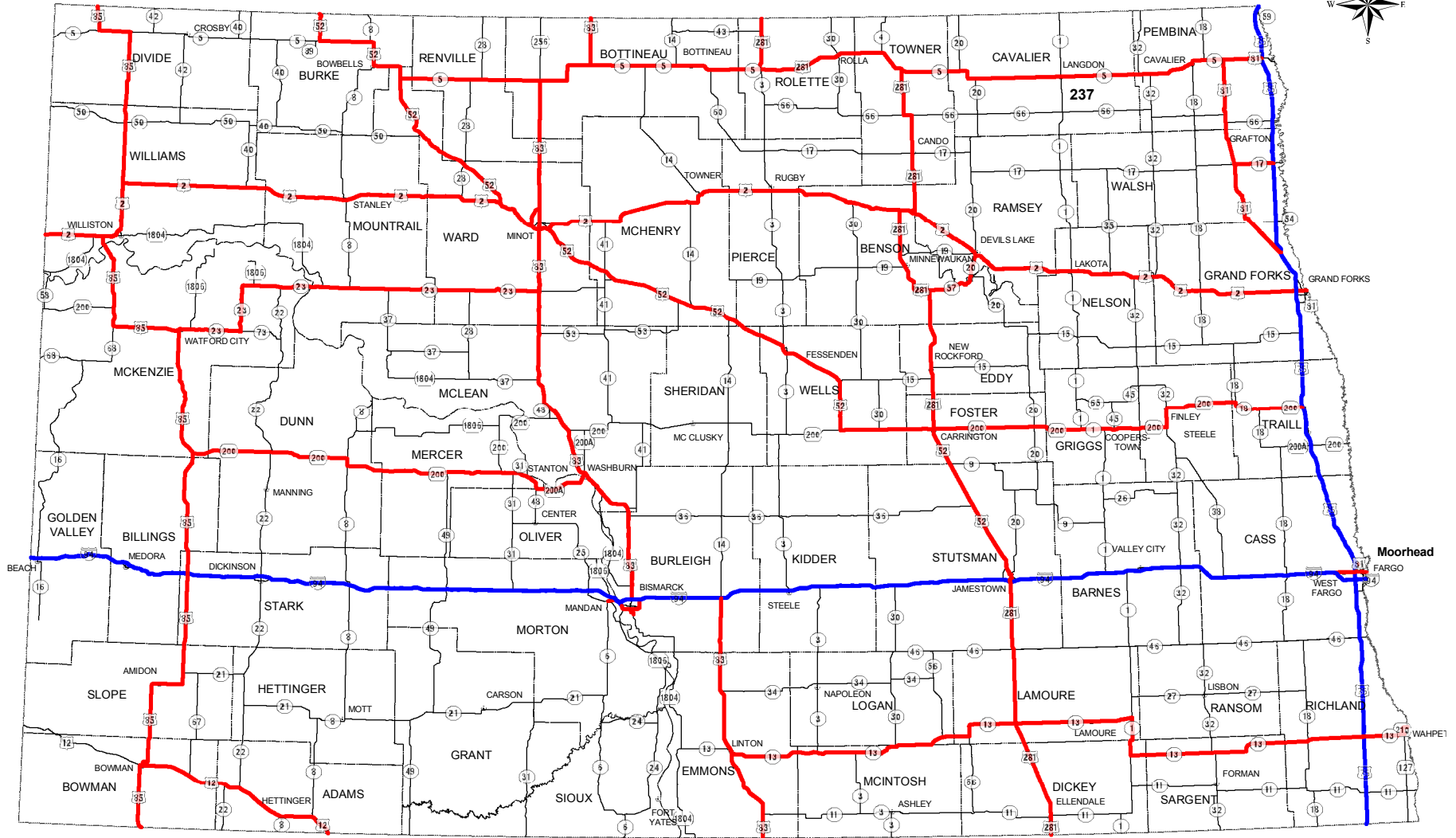
**■ WIM Sites**

- |               |                |                   |
|---------------|----------------|-------------------|
| 1 - Belfield  | 5 - Williston  | 9 - Washburn      |
| 2 - Bowman    | 6 - Joliette   | 10 - Devils Lake  |
| 3 - Ellendale | 7 - West Fargo | 11 - Watford City |
| 4 - Wahpeton  | 8 - Portal     | 12 - Jamestown    |

Planning & Asset Management Division  
 Traffic Data Section  
 December 2010

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# National Highway System Mileage



(11)

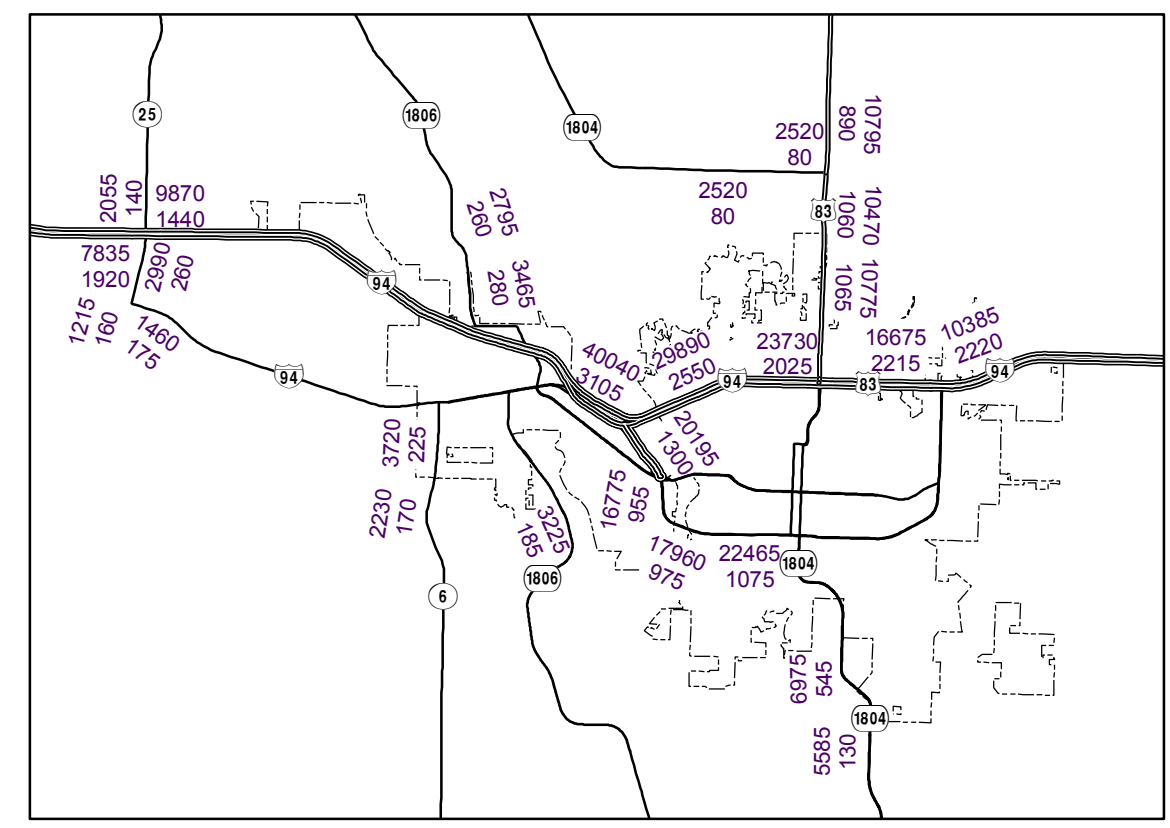
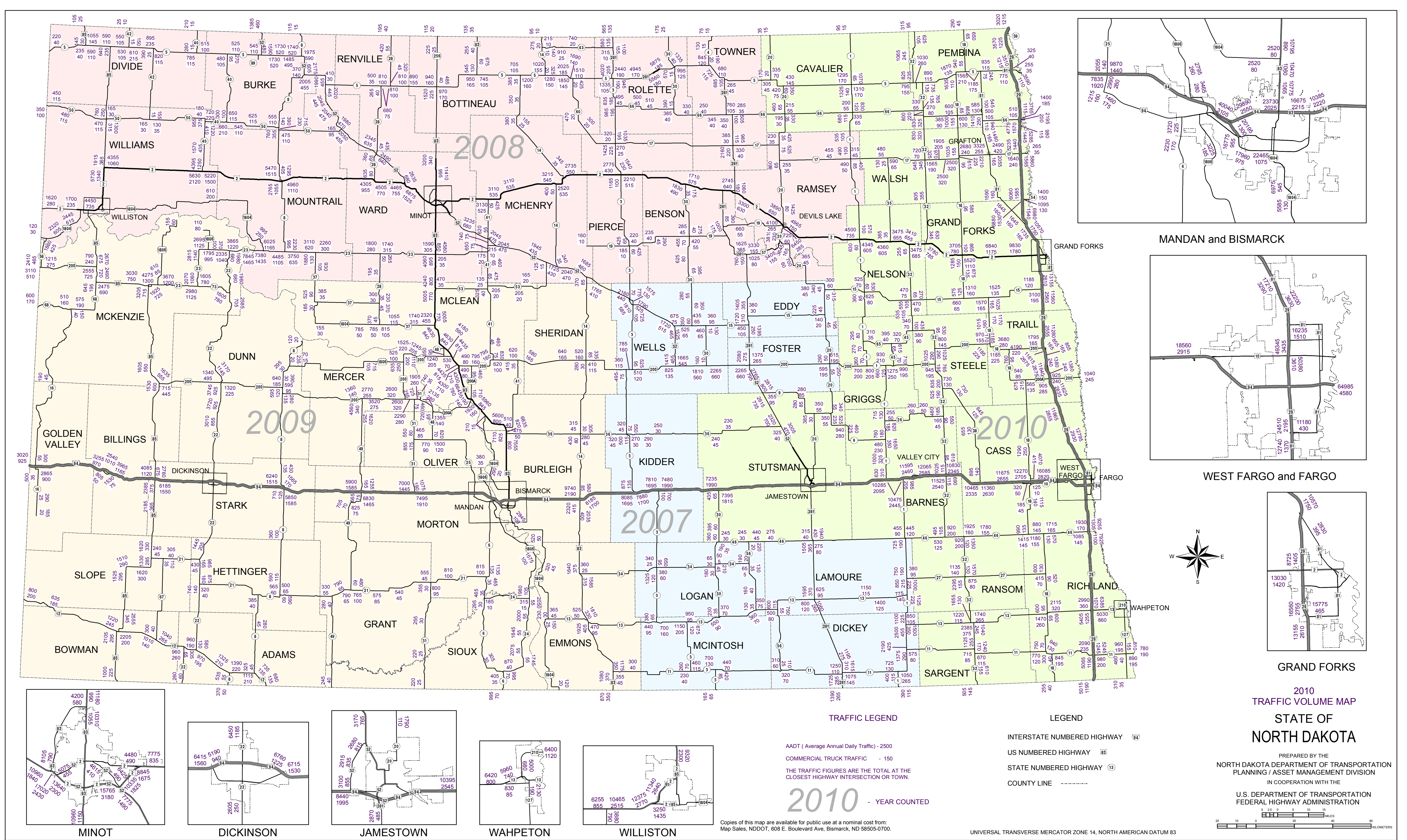
## NHS Mileage

	Interstate Rural	519.3
	Interstate Urban	51.7
	Total	571.0
	Principal Arterial Rural	2085.2
	Principal Arterial Urban	65.7
	Total	2150.9
	Total NHS	2721.9

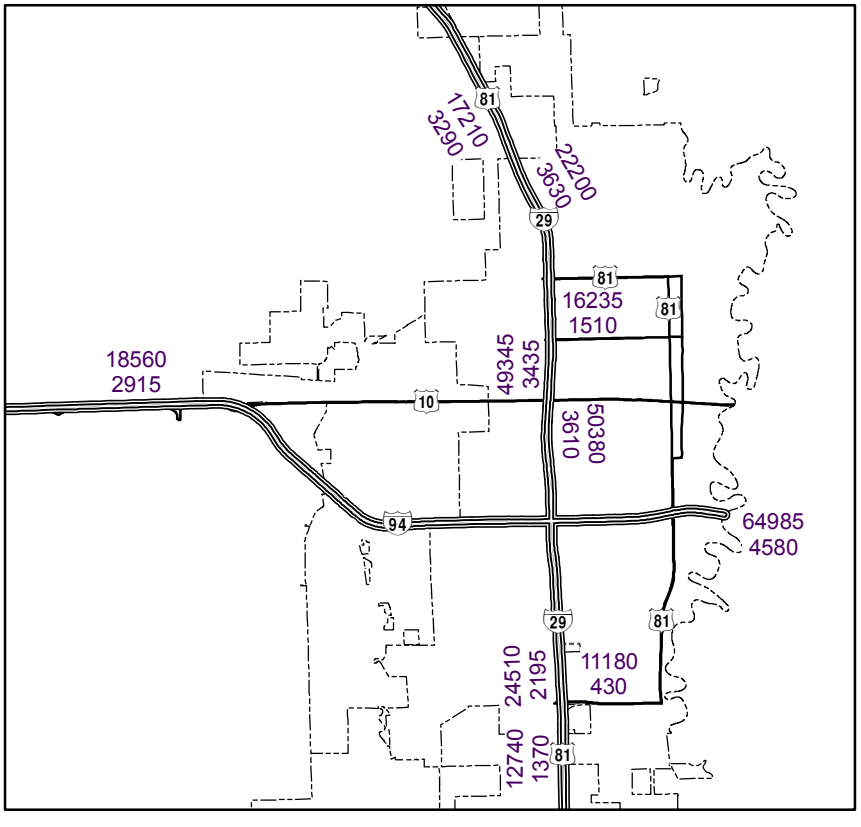
NOTES: Data from Functional Class on Mainframe

Planning & Asset Management Division  
Traffic Data Section  
December 2010

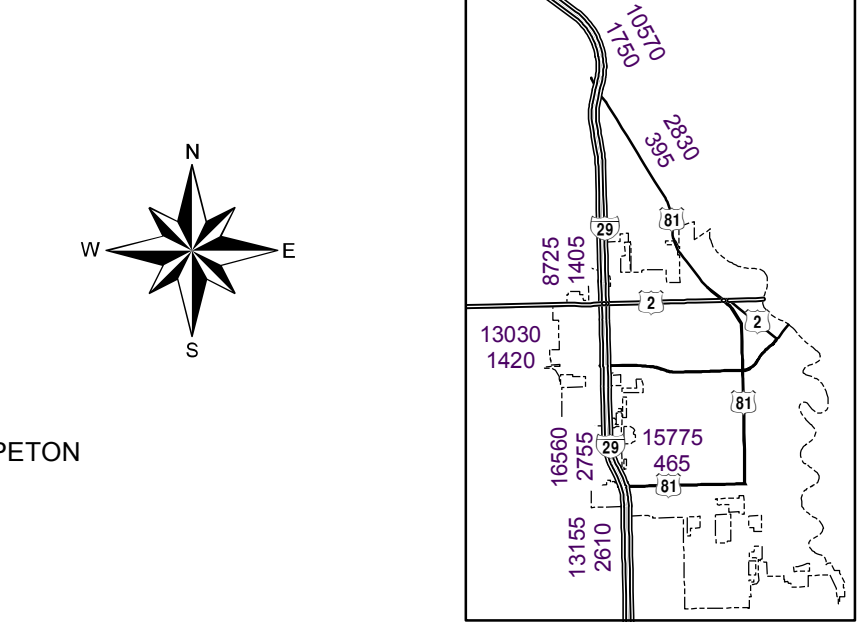
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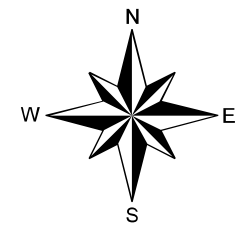
GRAND FORKS



MANDAN and BISMARCK



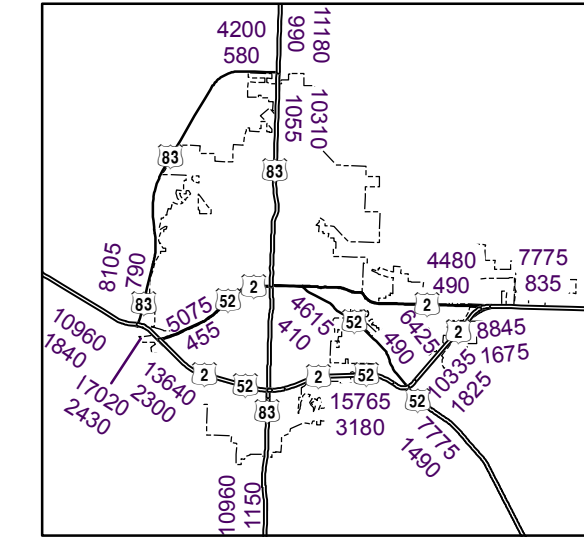
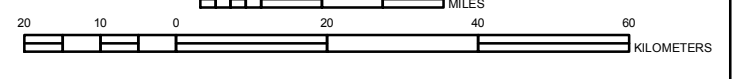
WEST FARGO and FARGO



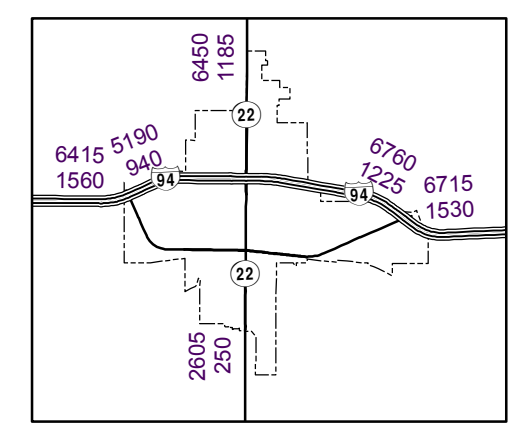
GRAND FORKS

2010  
TRAFFIC VOLUME MAP  
STATE OF  
NORTH DAKOTA

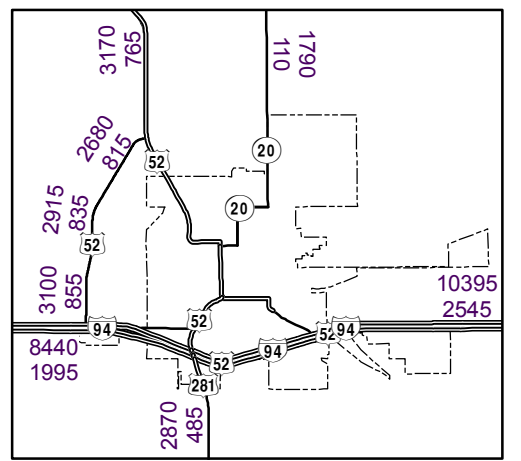
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NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
PLANNING / ASSET MANAGEMENT DIVISION  
IN COOPERATION WITH THE  
U.S. DEPARTMENT OF TRANSPORTATION  
FEDERAL HIGHWAY ADMINISTRATION



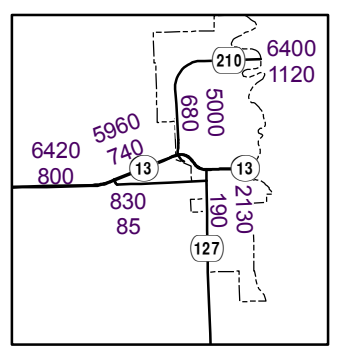
MINOT



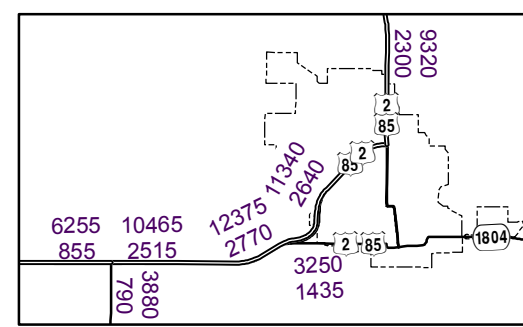
DICKINSON



JAMESTOWN



WAHPETON



WILLISTON

TRAFFIC LEGEND

- ADT ( Average Annual Daily Traffic ) - 2500
- COMMERCIAL TRUCK TRAFFIC - 150
- THE TRAFFIC FIGURES ARE THE TOTAL AT THE CLOSEST HIGHWAY INTERSECTION OR TOWN.

2010 - YEAR COUNTED

LEGEND

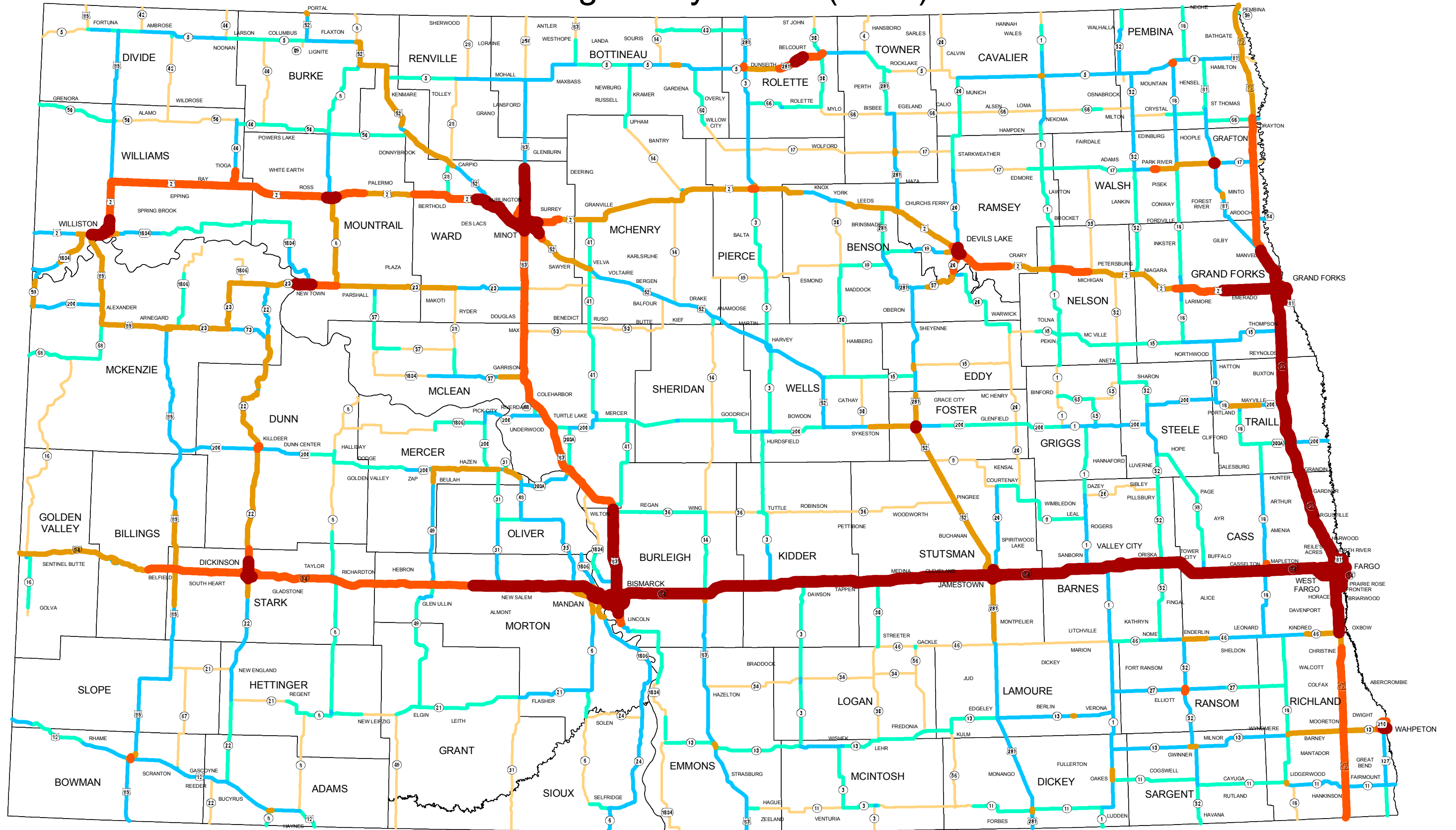
- INTERSTATE NUMBERED HIGHWAY (94)
- US NUMBERED HIGHWAY (83)
- STATE NUMBERED HIGHWAY (13)
- COUNTY LINE (-----)

Copies of this map are available for public use at a nominal cost from:  
Map Sales, NDDOT, 608 E. Boulevard Ave, Bismarck, ND 58505-0700.

UNIVERSAL TRANSVERSE MERCATOR ZONE 14, NORTH AMERICAN DATUM 83



# Annual Average Daily Traffic (2010)



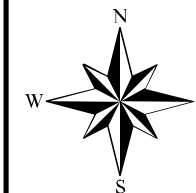
(13)

Notes:  
 - Data from 2010 highway components segments.  
 - The AADT for longer sections are an average of the traffic segments.  
 - Data for the four lane roadways are AADT for both directions (either N&S or E&W).

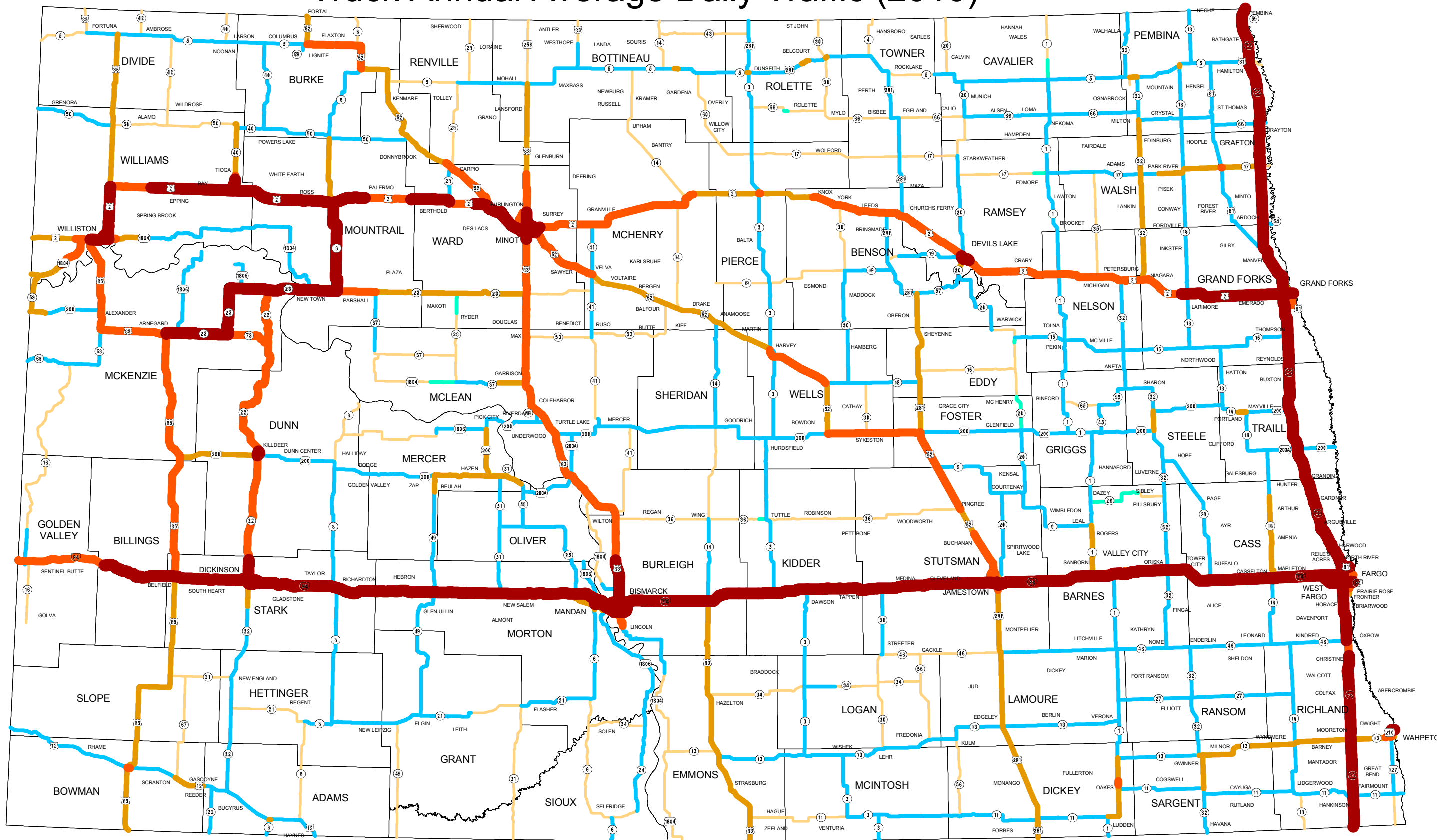
## Annual Average Daily Traffic



Planning & Asset Management Division  
 Traffic Data  
 December 2010

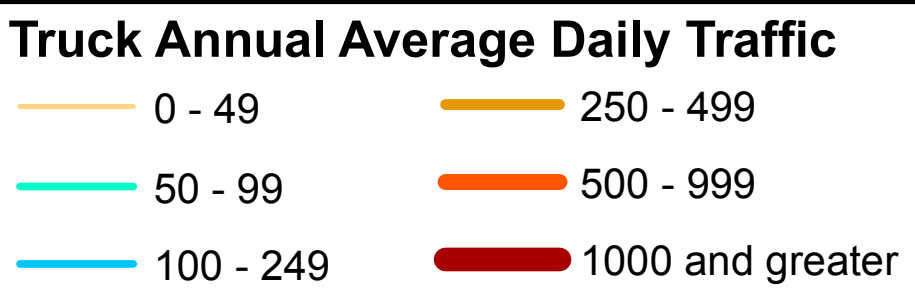


# Truck Annual Average Daily Traffic (2010)



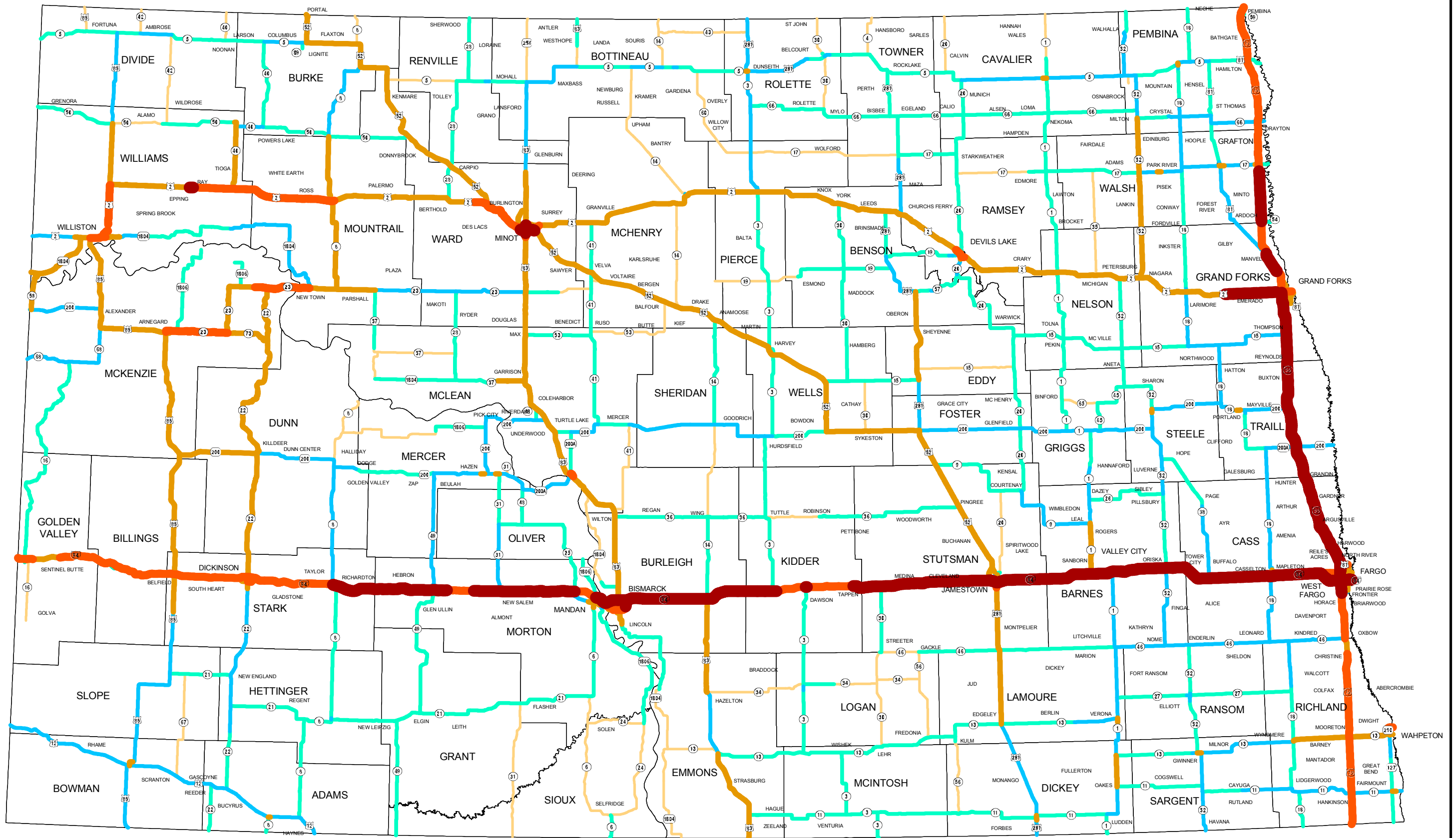
(14)

Notes: - Data from 2010 highway components segments.  
 - The TAADT for longer sections are an average of the traffic segments.  
 - Data for the four lane roadways are TAADT for both directions (either north and south or east and west).



Planning & Asset Management Division  
 Traffic Data  
 December 2010

# Equivalent Single Axle Loads (ESALs)

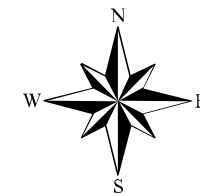
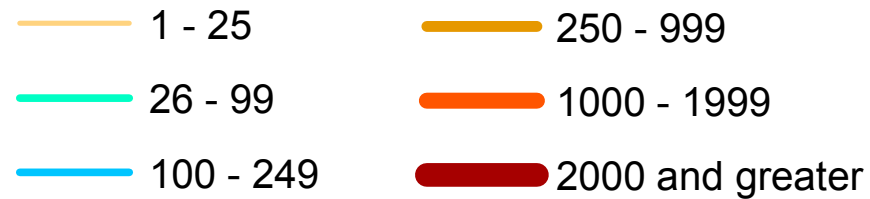


(15)

**Notes:**

- Data from 2010 highway components segments.
- The ESALs for longer sections are an average of the traffic segments.
- Rigid ESALs for I-29 and I-94
- Flexible ESALs for all other roads
- Data for the four lane roadways are combined ESALs for both

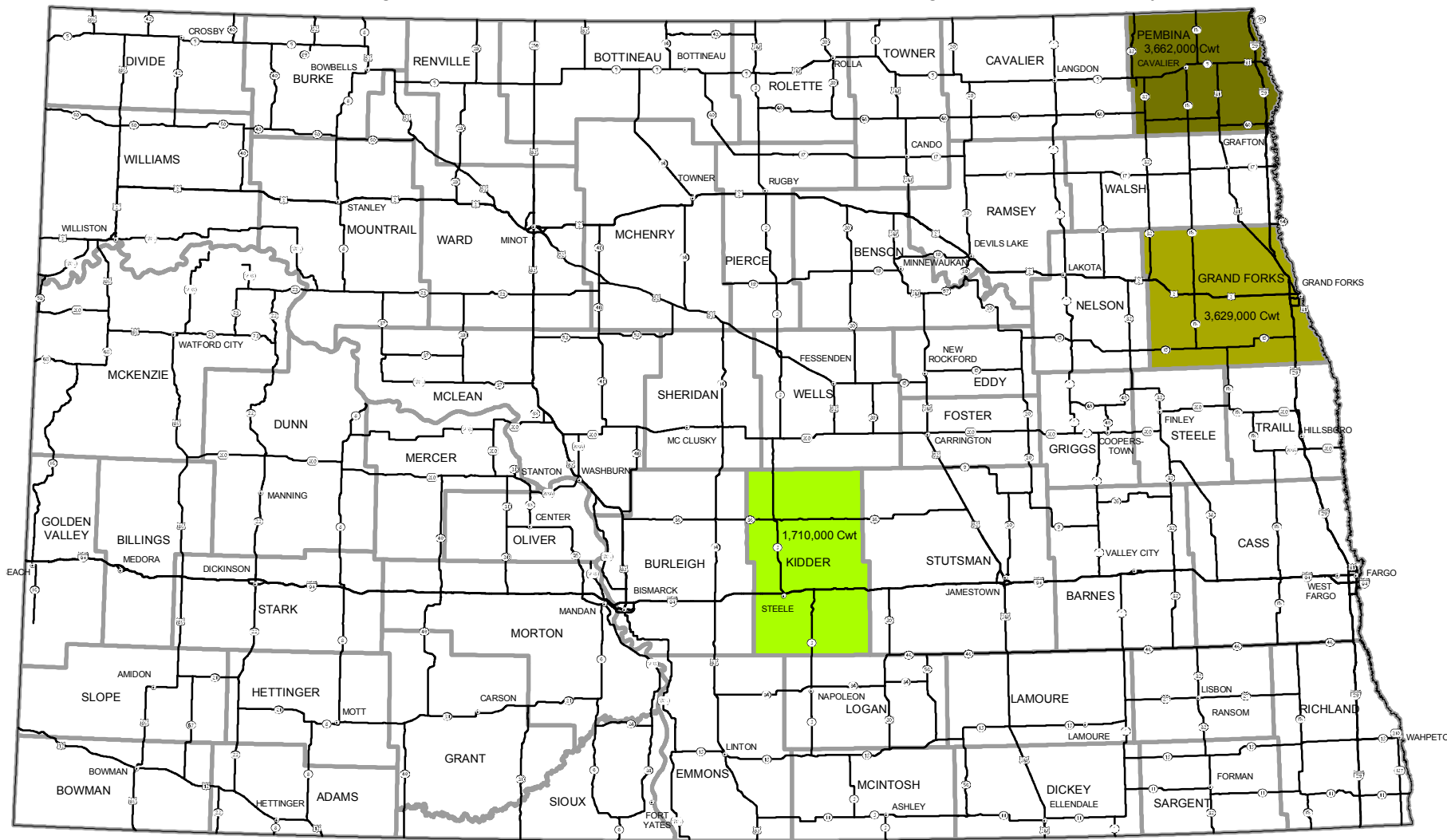
**ESALs**



Planning & Asset Management Division  
Traffic Data  
December 2010

# Potato Production

Darker colors indicate higher production and therefore more truck traffic during certain times of the year.



(16)

**Potato Production by County (Cwt)**

Cwt = 100 lbs

- 1710000
- 3629000
- 3662000

Individual production figures for each county are provided on the map

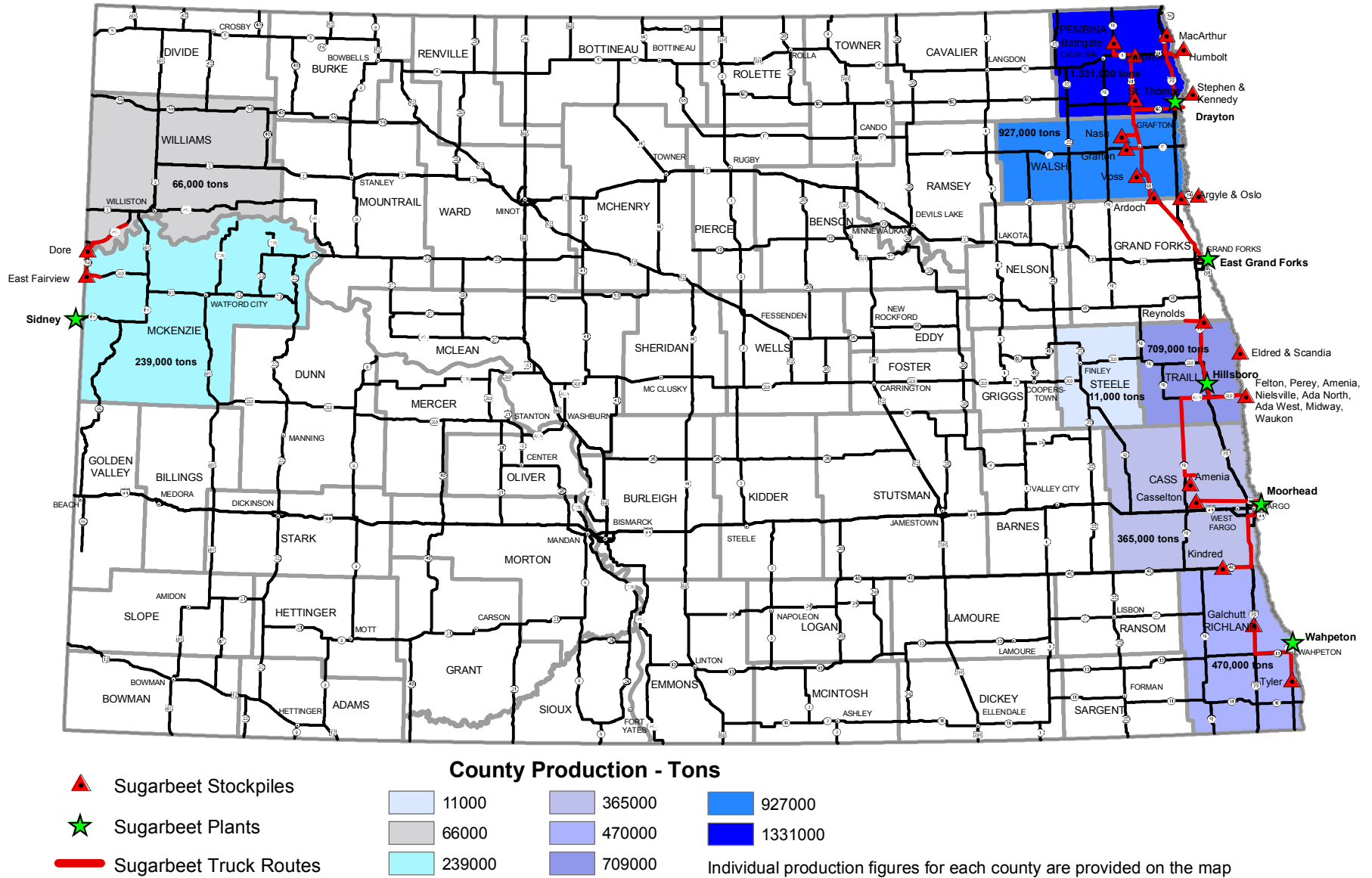
Data is from the USDA, National Agricultural Statistics Service. County production totals are for the 2009 production year because 2010 estimates are not yet available. The shaded counties were the only counties for which data was available.

Planning & Asset Management Division  
 Transportation Data  
 December 2010



# Sugarbeet Production and Truck Routes

Darker colors indicate higher production and therefore more truck traffic during certain times of the year



Data is from the USDA, National Agricultural Statistics Service.  
 County production totals are for the 2009 production year because 2010 totals are not yet available.  
 The shaded counties were the only counties for which data was available.  
 Total production for the state of North Dakota was 4,796,000 tons.



Planning & Asset Management Division  
 Transportation Data  
 December 2010

**PERMANENT STATION COMPARISON OF AADT BY YEAR**

STATION NUMBER	LOCATION	1990	1992	1994	1996	1998	2000	2002	2004	2006	2007	2008	2009	2010	% CHANGE 2010/2009	% CHANGE 2010/2000	% CHANGE 2010/1990
URBAN INTERSTATE 94																	
217	FARGO (U)				45384	49528	49794	54812	61932	61479	63051	63417	64436	64983	0.8%	30.5%	--
283	BISMARCK (U)	12660	13882	14396		16606	17656	17396	18782	21507	24770	22085	23589	23727	0.6%	34.4%	87.4%
	MEAN	12660	13882	14396	45384	33067	33725	36104	40357	41493	43911	42751	44013	44355	0.7%	32.4%	87.4%
RURAL INTERSTATE 94																	
207	MEDINA	4564	4912	5140	5652	6390	6528	6900	6810	6706	6941	6595	7048	7478	6.1%	14.6%	63.8%
223	NEW SALEM	4500	4926	5122	5220			5968	6088	6116	6252	6195	6595	7000	6.1%	--	55.6%
245	TOWER CITY	6258	6744	6926	7520	8066	8370	8292	9266	9173	9440	9340	9948	10464	5.2%	25.0%	67.2%
279	PAINTED CANYON	2870	2968	3134	3156	3370	3528	3726	3596	3668	4086	3554	3654	3893	6.5%	10.3%	35.6%
298						2472									--	--	--
	MEAN	4548	4888	5081	5387	5075	6142	6222	6440	6416	6680	6421	6811	7209	6.0%	16.6%	55.6%
URBAN INTERSTATE 29																	
235	FARGO (U)				23120	25860		22070	24808	25790	26642	27503	31746	35153	10.7%	--	--
	MEAN				23120	25860		22070	24808	25790	26642	27503	31746	35153	10.7%	--	--
RURAL INTERSTATE 29																	
211	BUXTON	8082	9024	9210	9954	9018	9144	9862	10526	10532	10951	10630	10980	11278	2.7%	23.3%	39.5%
243	BOWESMONT	2222	2636	2488	2506	2872	2860	2806	2980	3146	3662	3559	3442	3626	5.3%	26.8%	63.2%
265	MOORETON	3222	3538	3932	4502	5044	5130	5294	5914	5940	6059	5823	6078	6385	5.1%	24.5%	98.2%
285	DAVENPORT							8920	10098	10151	10221	9777	10447	10901	4.3%	--	--
301	HICKSON				7348										--	--	--
	MEAN	4509	5066	5210	6078	5645	5711	6721	7380	7442	7723	7447	7737	8048	4.4%	24.9%	67.0%
RURAL PRINCIPAL ARTERIAL																	
201	RAY	1454	1524	1586	1534	1570	1618	1678	1660	1873	2115	2678	2963	4367	47.4%	169.9%	200.3%
203	MAX	2642	2808	2814	3108	3130	3366	3532	3600	3612	3653	3702	4107	5003	21.8%	48.6%	89.4%
205	GWINNER	920	936	960	994	1026	1146	1118	1266	1255	1200	1109	1066	1216	14.1%	6.1%	32.2%
209	MINOT	9612	9558	9842	9932	9204									--	--	--
213	LAKOTA	2552	2754	2850	3160	3212									--	--	--
215	JAMESTOWN	2348	2374	2448	2736		2740	2738	2660	2716	2859	2845	2992	3170	5.9%	15.7%	35.0%
219	MANDAN	1208	1254	1276	1248	1450	1494	1536	1538	1518	1488	1471	1546	1615	4.5%	8.1%	33.7%
221	FAIRFIELD	1584	1458	1338	1406	1356	1370	1408	1436	1649	1754	1808	1820	2120	16.5%	54.7%	33.8%
227	VERONA	696	738	726	768										--	--	--
229	COOPERSTOWN	678	840	856	822	960		894	896	827	819	845	924	927	0.3%	--	36.7%
233	FOXHOLM	1820	2012	1994	1952	1926	1832	1894	1870	1899	2100	2177	2158	2491	15.4%	36.0%	36.9%
237	NEKOMA	642	658	684	668	694		760	754	686	886	785	781	814	4.2%	--	26.8%
239	NEW TOWN	1038	1072	1406	1374	1382	1520	1606	1682	1599	1726	2357	2680	3703	38.2%	143.6%	256.7%
241	BOTTINEAU	968	1024	1044	998	932	996	950	1018	946	1007	1050	1145	1239	8.2%	24.4%	28.0%
251	HAGUE	538	626	634	630	640	710	770	740	589	729	746	782	867	10.9%	22.1%	61.2%
253	RUGBY					2766		2748	2642	2475	2510	2730	2666	2775	4.1%	--	--
255	CROSBY	506	532	576	544	584	492	532	554	574	581	598	632	842	33.2%	71.1%	66.4%
257	WILLISTON	928	1052	1068	1156	1236		1208	1186	1229	1265	1251	1206	1620	34.3%	--	74.6%
261	CARRINGTON												1661	1736	4.5%	--	--
271	GOLDEN VALLEY	638	642	648	718	698		666	676	702	713	698	784	840	7.1%	--	31.7%
273	NEW LEIPZIG	380	380	348	360	354	390	386	368	339	335	314	346	364	5.2%	-6.7%	-4.2%
281	SAWYER						3646	3724	3878	3902	4004	3883	4112	4563	11.0%	25.2%	--
303	MICHIGAN					3350	3616	3512	3508	3361	3384	3303	3612	3803	5.3%	5.2%	--
305	EMERADO				5600										--	--	--
307	WASHBURN					3616	3580	3880	3984	4233	4363	4437	5146	5189	0.8%	44.9%	--
	MEAN	1640	1697	1742	1985	2004	1901	1777	1796	1799	1875	1939	2054	2346	14.0%	44.6%	64.9%
RURAL MINOR ARTERIAL																	
231	GRAFTON	2302	2386	2348	2328	2372	2628	2678	2818	2521	2469	2623	2541	2594	2.1%	-1.3%	12.7%
247	COURTENAY	434	466	518	468		486	518	490	460	456	442	463	464	0.2%	-4.5%	6.9%
249	GARRISON	934	956	1022		1142	1166	1208	1178	1164	1177	1184	1254	1359	8.4%	16.6%	45.5%
275	HANNOVER	462	466	468	488	524	560	542	500	479	530	500	603	602	-0.2%	7.5%	30.3%
289	MANNING							1592	1610	1718	1901	2341	2591	3675	41.8%	--	--
	MEAN	1033	1069	1089	1095	1346	1210	1308	1319	1268	1307	1418	1490	1739	10.5%	4.6%	23.9%

**PERMANENT STATION COMPARISON OF AADT BY YEAR**

STATION NUMBER	LOCATION	1990	1992	1994	1996	1998	2000	2002	2004	2006	2007	2008	2009	2010	% CHANGE 2010/2009	% CHANGE 2010/2000	% CHANGE 2010/1990
RURAL MAJOR COLLECTOR - STATE																	
267	TRENTON												2530	3231	27.7%	--	--
	MEAN												2530	3231	27.7%	--	--
RURAL MAJOR COLLECTOR - COUNTY																	
225	STERLING	530	548	532	558	556		558	492	525	558	560	582	645	10.8%	--	21.7%
259	AYR	298		366	288	276	348	456	384	340	350	360	363	372	2.5%	6.9%	24.8%
263	METIGOSHE	736	744	784	726	414									--	--	--
277	REGENT	170	262	284	268	304	298	314	296	287	309	320	317	358	12.9%	20.1%	110.6%
	MEAN	434	518	492	460	388	323	443	391	384	406	413	421	458	8.7%	13.5%	52.4%
URBAN PRINCIPAL ARTERIAL																	
287	GRAND FORKS						18520	19656	19107	19947	18974	19719	20520		4.1%	--	--
501	FARGO (U)				27970	24150	26592	26852	24248	24533	24606	25283	24868		-1.6%	3.0%	--
601	BISMARCK (U)				12919	12408	11747	11961	11465	12174	11991	11605			--	--	--
603	WILLISTON (U)				4058	4174	4118	4228	4528	4623	4801	5108	6510		27.4%	56.0%	--
605	MANDAN (U)				19702		20200	20158	20213	20530	19582	19813	20270		2.3%	--	--
	MEAN				16162	13577	16235	16571	15912	16361	15991	16306	18042		8.0%	29.5%	--
URBAN MINOR ARTERIAL																	
607	DICKINSON (U)				3128	3072	2980	3104	3053	2967	2855	2925	3033		3.7%	-1.3%	--
611	MINOT (U)				2804	3240	2624	2690	2541	2340	2618	2736	2894		5.8%	-10.7%	--
	MEAN				2966	3156	2802	2897	2797	2654	2737	2831	2964		4.7%	-6.0%	--
URBAN COLLECTOR & LOCAL URBAN																	
609	MINOT (U)				1858	1896	2076	2346	2222	2191	2255	2358	2374		0.7%	25.2%	--
	MEAN				1858	1896	2076	2346	2222	2191	2255	2358	2374		0.7%	25.2%	--

Missing data is the result of years when a recording station was out of service.

PERMANENT STATION COMPARISON OF TRUCK AADT BY YEAR

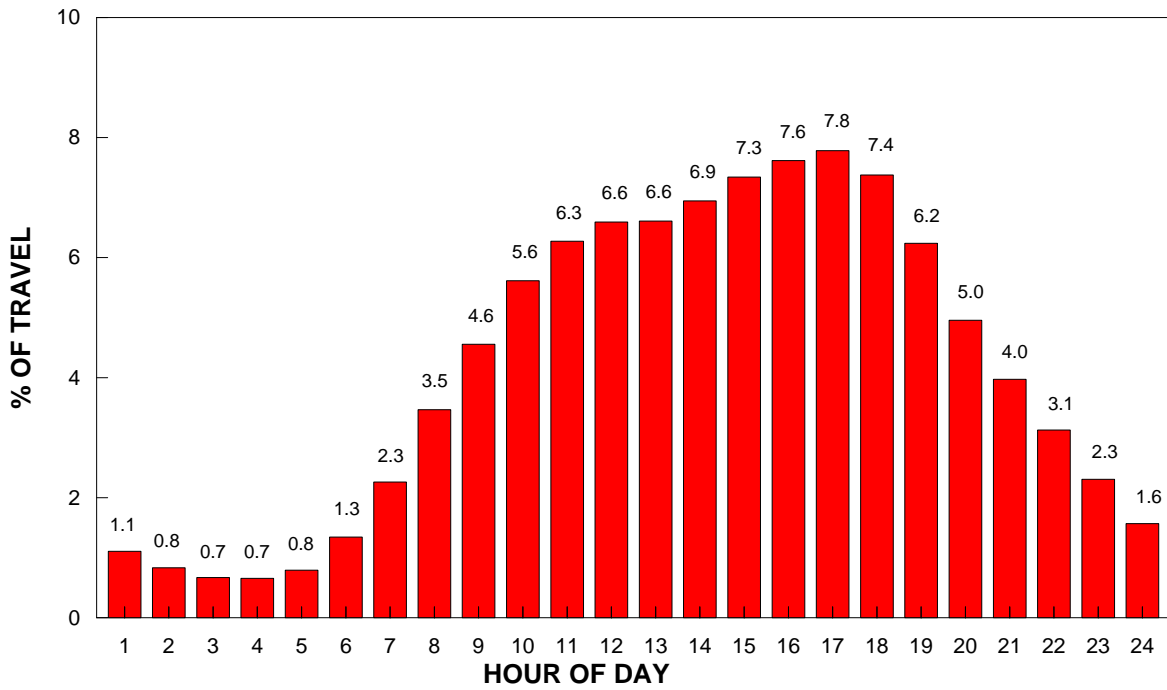
STATION NUMBER	LOCATION	1990	1992	1994	1996	1998	2000	2002	2004	2006	2007	2008	2009	2010	% CHANGE 2010/2009	% CHANGE 2010/2000	% CHANGE 2010/1990
URBAN INTERSTATE																	
217	FARGO (U)					3822	4742	4400	4888	4791	4774	4930	4625	4612	-0.3%	-2.7%	--
235	FARGO (U)					2602		2594	2684	2726	2960	2980	2994	3344	11.7%	--	--
283	BISMARCK (U)					1706	1948	1862	1952	2264	2663	2151	2006	2039	1.6%	4.7%	--
	MEAN					2710	3345	2952	3175	3260	3466	3354	3208	3332	4.4%	1.0%	--
RURAL INTERSTATE																	
207	MEDINA					1380	1600	1566	1618	1699	1756	1711	1674	1809	8.1%	13.1%	--
211	BUXTON					1636	2114	2196	2494	2554	2832	2790	2378	2561	7.7%	21.1%	--
223	NEW SALEM							1214	1244	1364	1462	1467	1439	1450	0.8%	--	--
243	BOWESMONT					964	1110	1160	1164	1186	1411	1358	1170	1109	-5.2%	-0.1%	--
245	TOWER CITY								1922	2001	2156	2203	2144	2334	8.9%	--	--
265	MOORETON					840	934	812	922	1006	1061	1076	1027	1072	4.4%	14.8%	--
279	PAINTED CANYON					702	460	1044	1018	1177	1405	1166	1097	1155	5.3%	151.1%	--
285	DAVENPORT							1120	1184	1248	1313	1293	1243	1341	7.9%	--	--
298	DURBIN					1768									--	--	--
	MEAN					1215	1244	1302	1446	1529	1675	1633	1522	1604	4.7%	40.0%	--
RURAL PRINCIPAL ARTERIAL																	
201	RAY					238	290	260	260	378	466	669	783	1332	70.1%	359.3%	--
203	MAX					438	584	538	536	541	559	568	691	771	11.6%	32.0%	--
205	GWINNER						106	168	154	145	132	117	105	114	8.6%	7.5%	--
215	JAMESTOWN						468	446	510	584	682	709	689	770	11.8%	64.5%	--
219	MANDAN					140	198	154	146	154	138	138	147	147	0.0%	-25.8%	--
221	FAIRFIELD						340	274	258	399	475	507	505	641	26.9%	88.5%	--
233	FOXHOLM					424	432	406	418	454	531	548	518	644	24.3%	49.1%	--
237	NEKOMA							108	122	115	150	118	102	122	19.6%	--	--
239	NEW TOWN						158	142		148	230	549	678	1217	79.5%	670.3%	--
241	BOTTINEAU					96	162	142	118	111	142	129	151	163	7.9%	0.6%	--
253	RUGBY					930		422	424	406	426	508	364	431	18.4%	--	--
255	CROSBY						96	132	78	131	130	145	149	234	57.0%	143.8%	--
257	WILLISTON					146		140	140	160	175	160	146	280	91.8%	--	--
261	CARRINGTON												249	268	7.6%	--	--
271	GOLDEN VALLEY									67	75	66	95	111	16.8%	--	--
273	NEW LEIPZIG					56	84	66	60	44	45	43	54	62	14.8%	-26.2%	--
281	SAWYER						462	390	420	526	538	572	582	744	27.8%	61.0%	--
303	MICHIGAN					648	732	568	558	515	529	513	535	593	10.8%	-19.0%	--
307	WASHBURN					522	616	566	552	607	622	609	698	740	6.0%	20.1%	--
	MEAN					364	338	290	297	305	336	370	381	494	26.9%	101.8%	--
RURAL MINOR ARTERIAL																	
231	GRAFTON						262	250	272	240	228	267	243	243	0.0%	-7.3%	--
247	COURTENAY						50	44	40	32	35	33	34	36	5.9%	-28.0%	--
249	GARRISON					104	160	106	112	106	113	117	134	127	-5.2%	-20.6%	--
275	HANNOVER					54	74	62	64	60	58	57	78	80	2.6%	8.1%	--
289	MANNING							142	128	160	283	408	539	931	72.7%	--	--
	MEAN					79	137	121	123	120	143	176	206	283	15.2%	-11.9%	--
RURAL MAJOR COLLECTOR - STATE																	
267	TRENTON												369	670	81.6%	--	--
	MEAN												369	670	81.6%	--	--
RURAL MAJOR COLLECTOR - COUNTY																	
225	STERLING								46	39	54	54	63	68	7.9%	--	--
	MEAN								46	39	54	54	63	68	7.9%	--	--

Missing data is the result of years when a recording station was out of service.

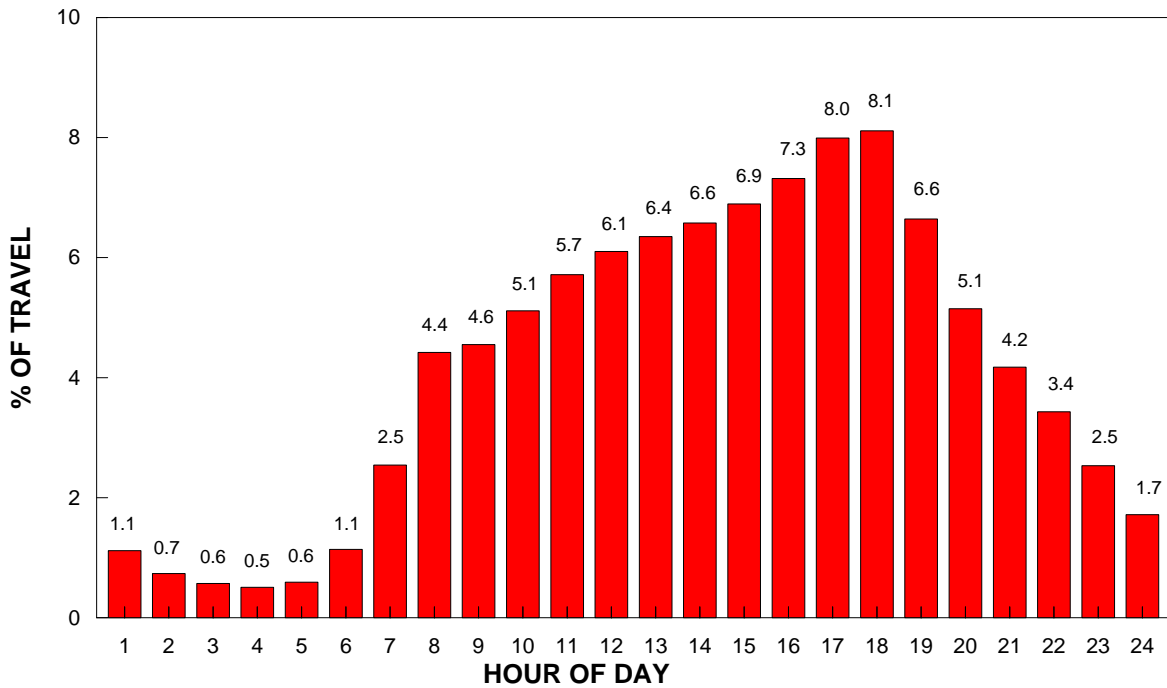


# HOURLY DISTRIBUTION OF TRAVEL

## RURAL INTERSTATE 94

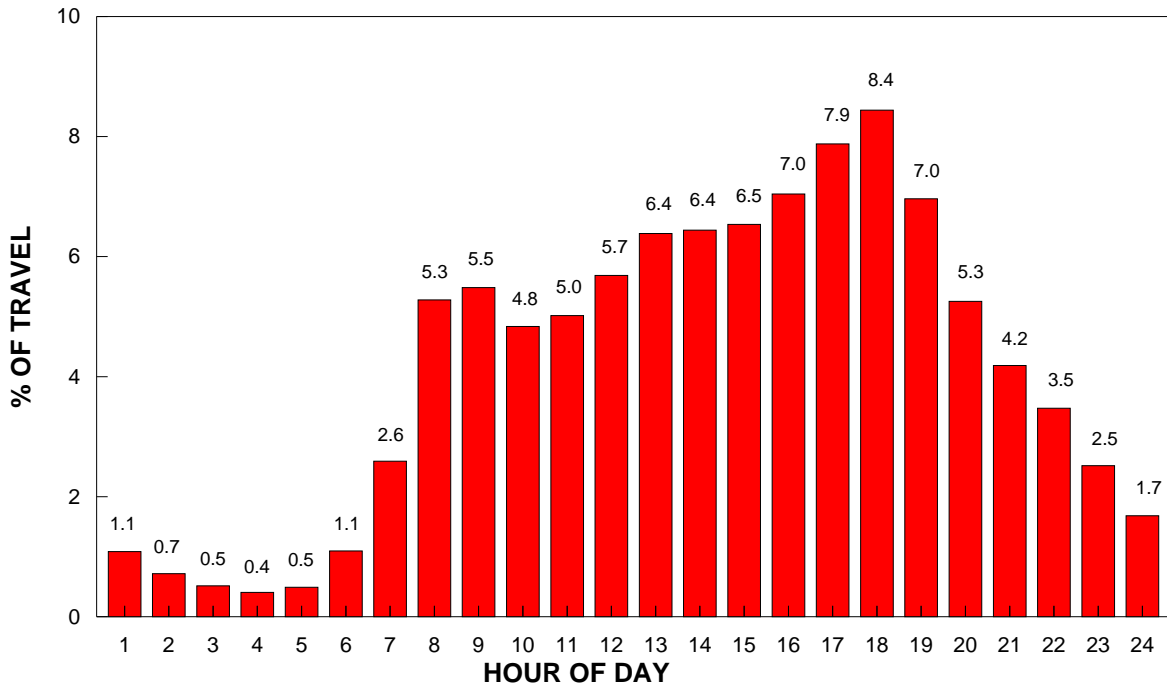


## RURAL INTERSTATE 29

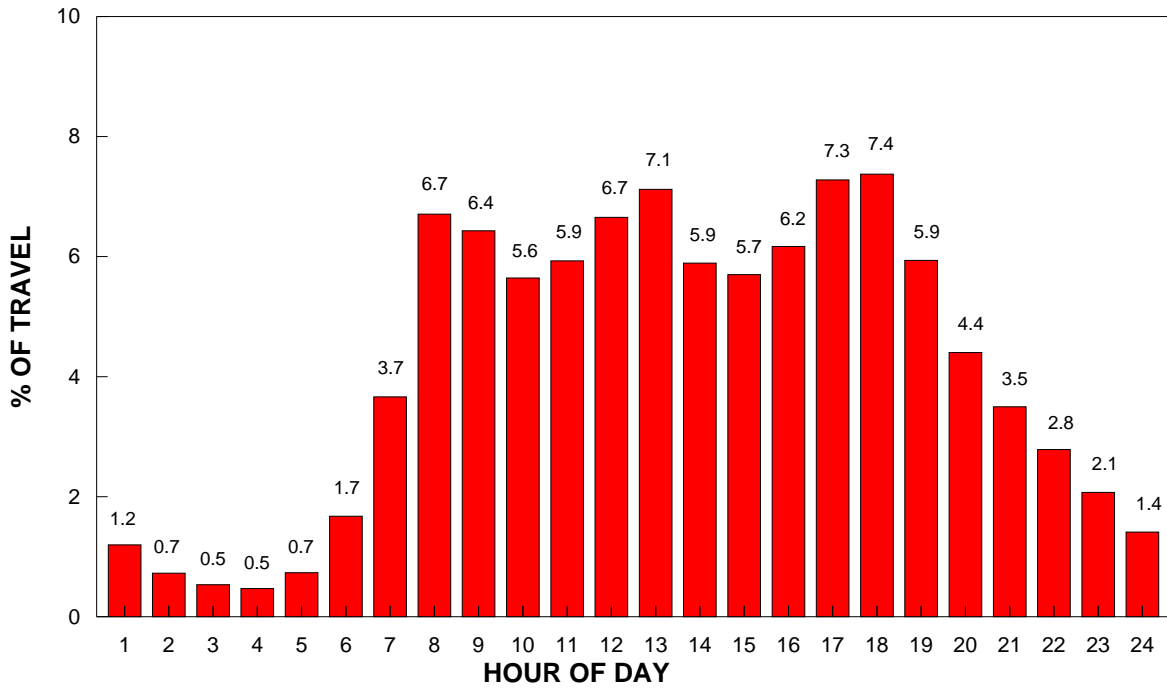


# HOURLY DISTRIBUTION OF TRAVEL

## URBAN INTERSTATE 94

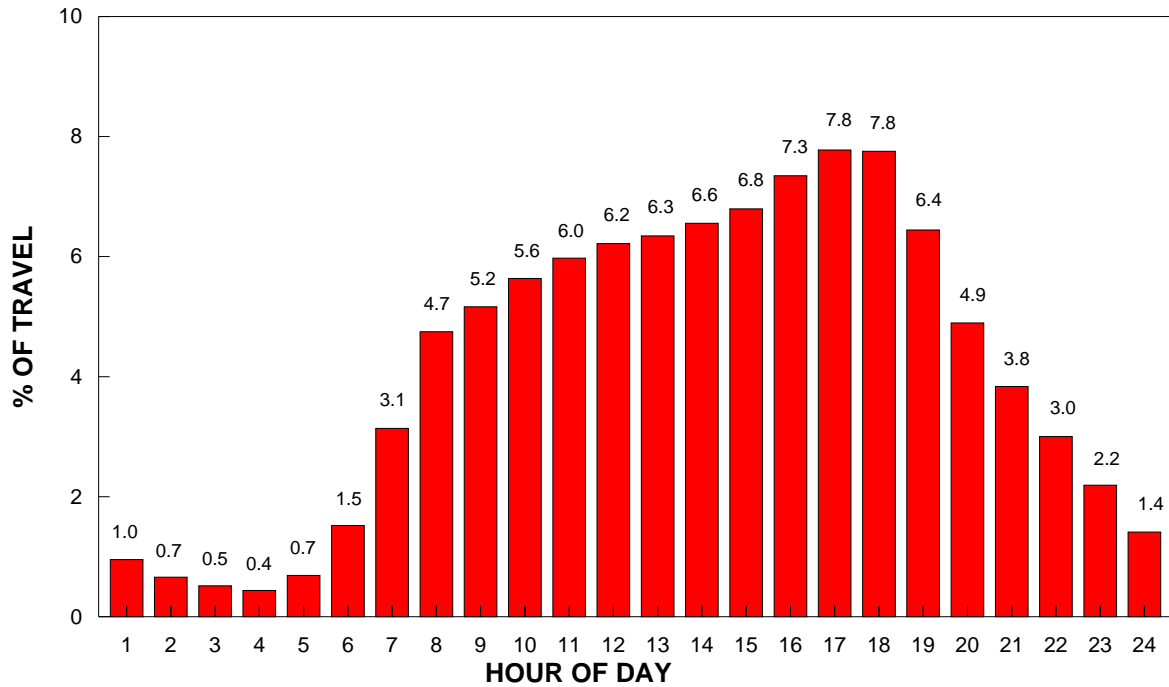


## URBAN INTERSTATE 29

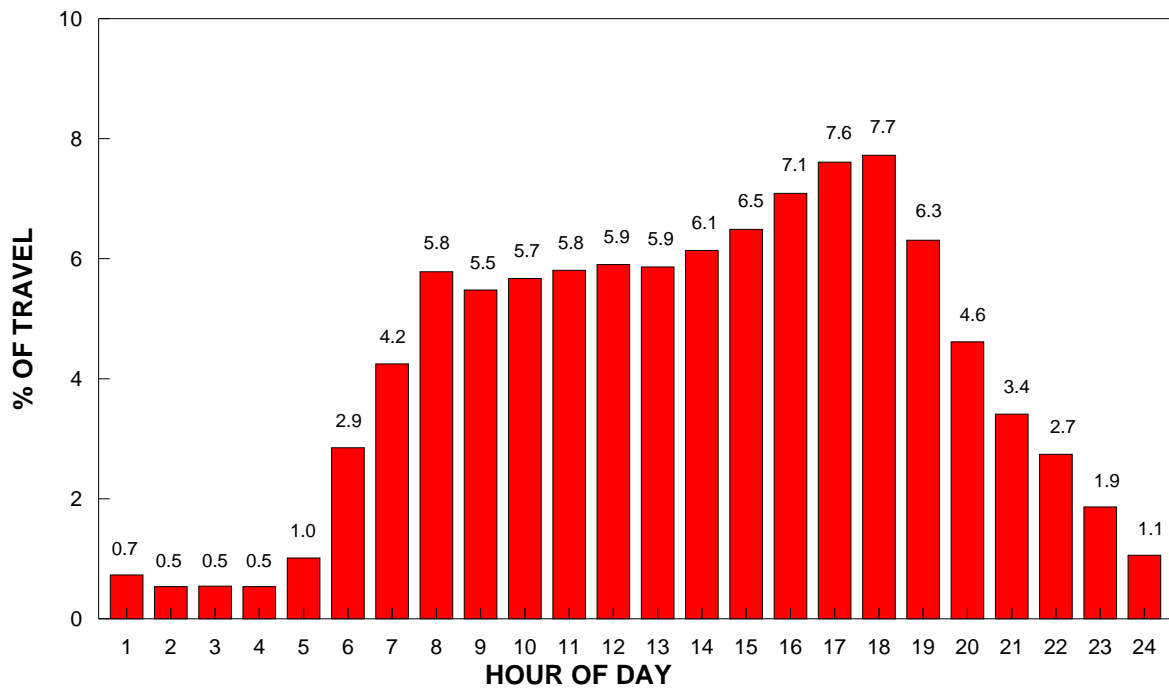


# HOURLY DISTRIBUTION OF TRAVEL

## RURAL PRINCIPAL ARTERIAL

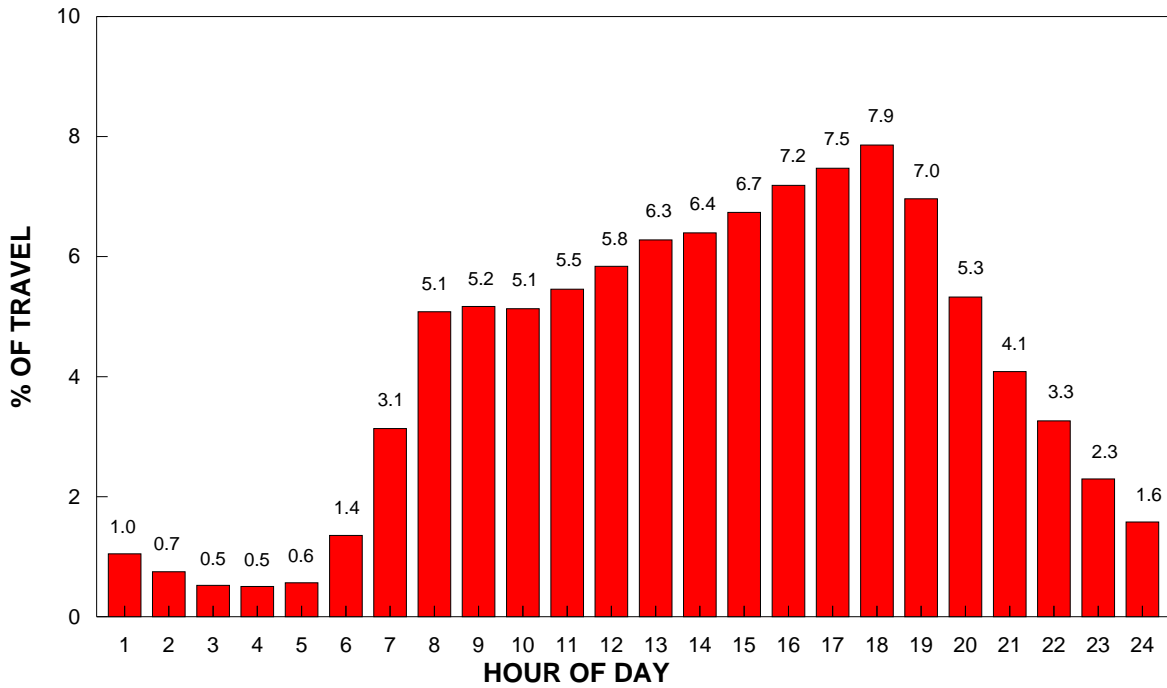


## RURAL MINOR ARTERIAL

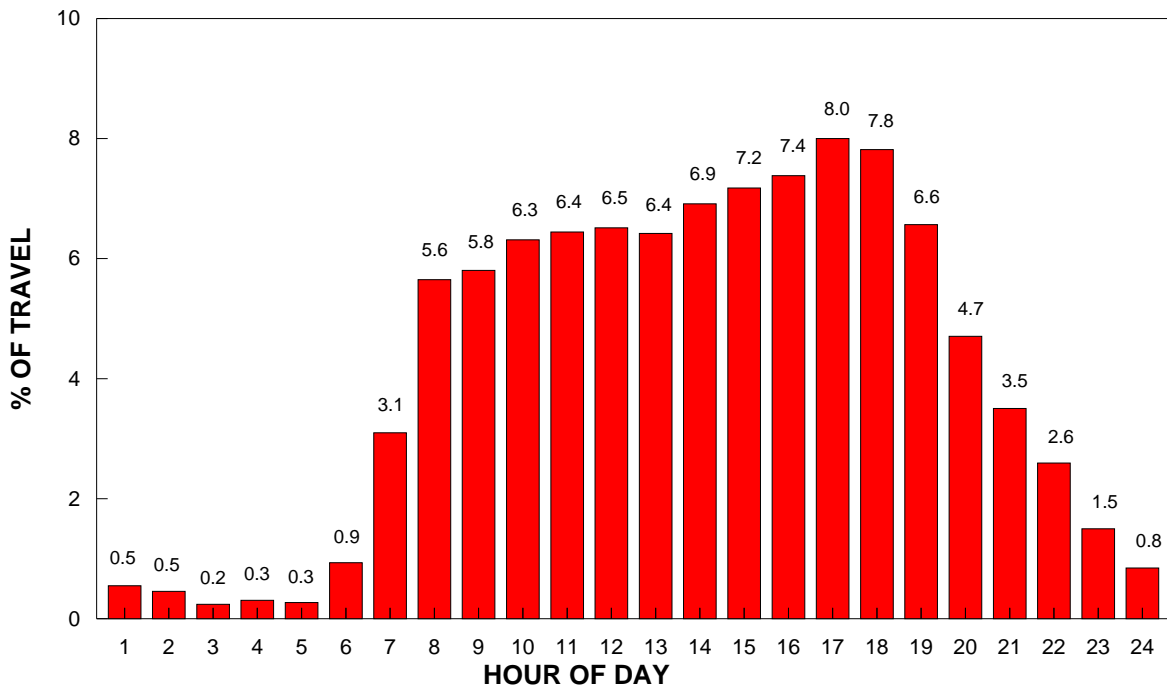


# HOURLY DISTRIBUTION OF TRAVEL

## RURAL MAJOR COLLECTOR - STATE

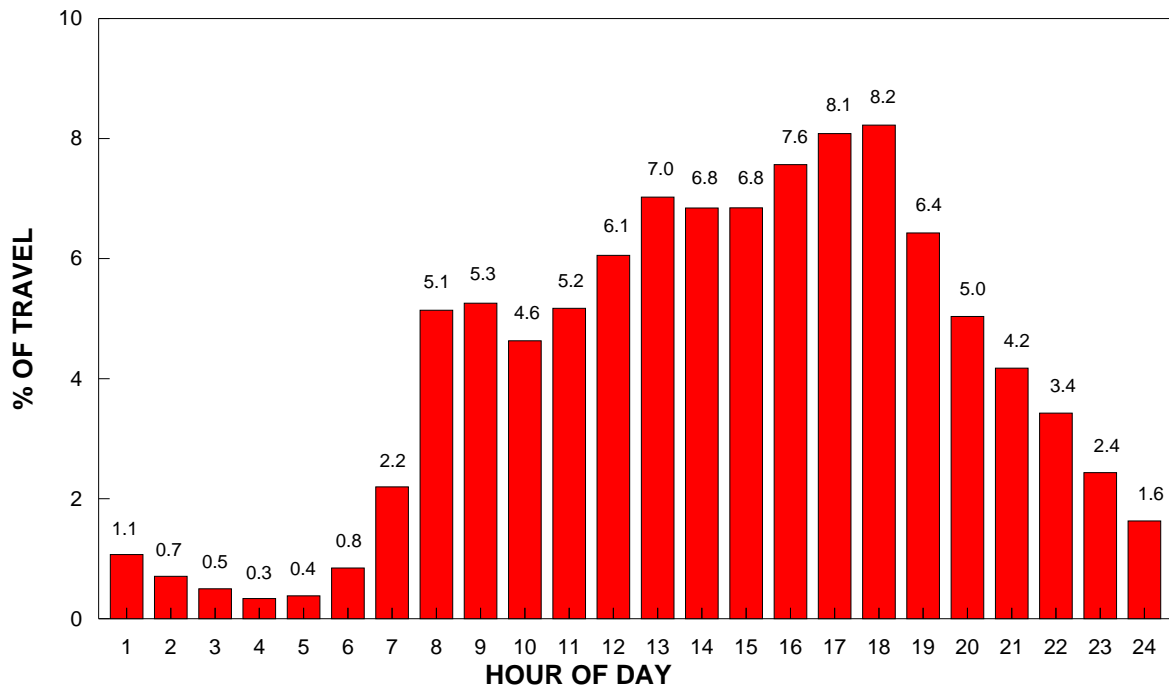


## RURAL MAJOR COLLECTOR - COUNTY

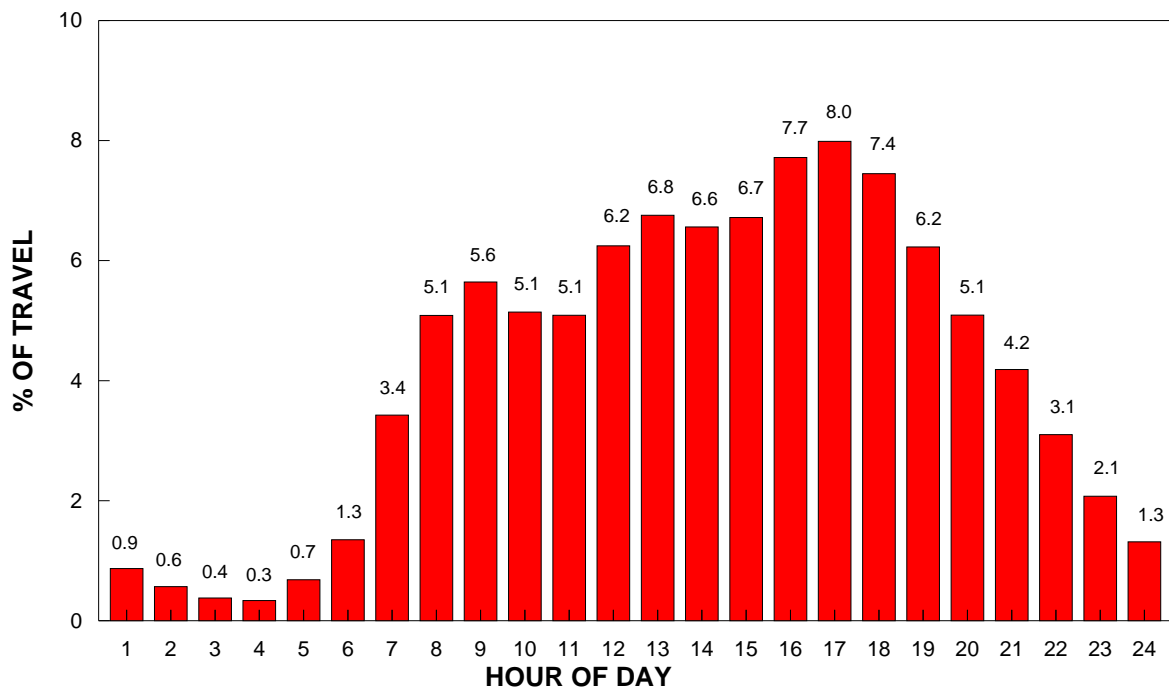


# HOURLY DISTRIBUTION OF TRAVEL

## URBAN PRINCIPAL ARTERIAL

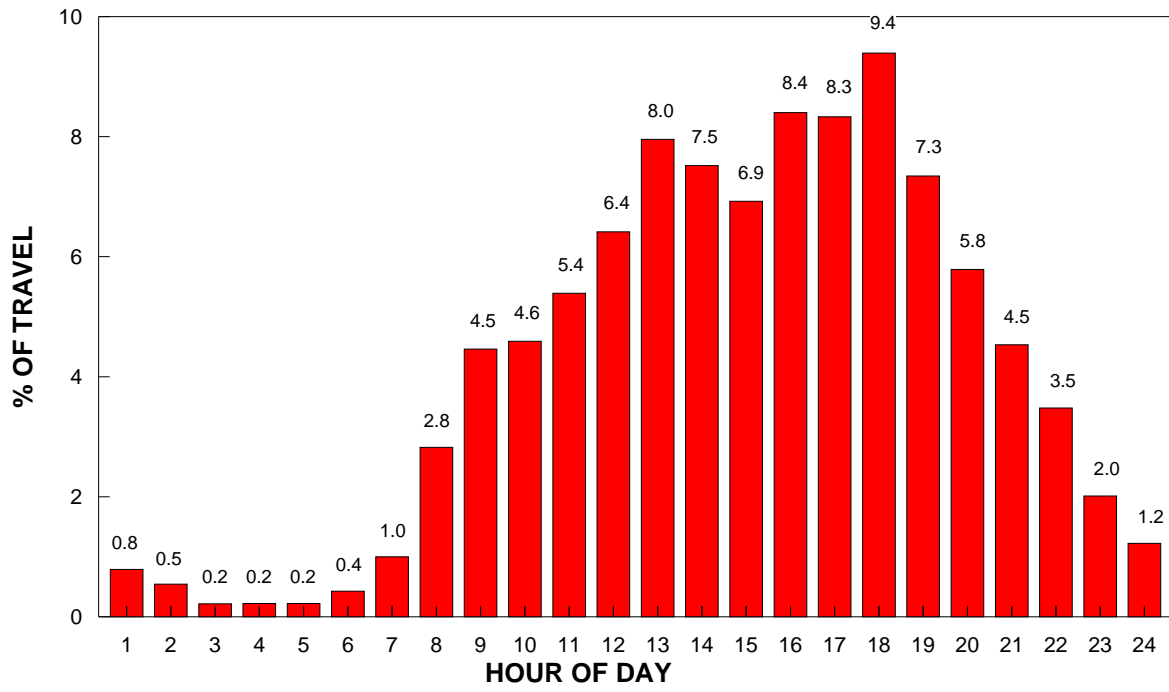


## URBAN MINOR ARTERIAL



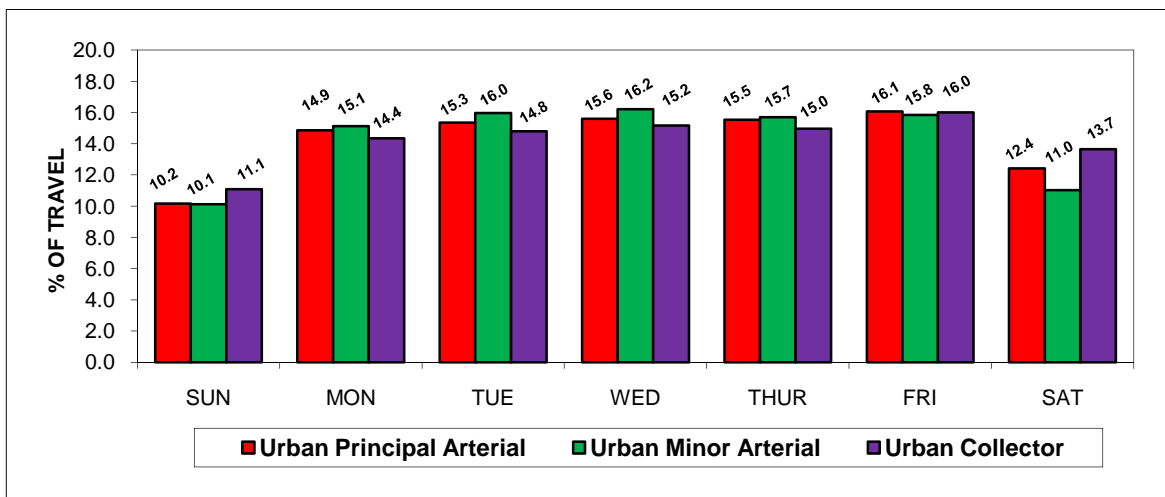
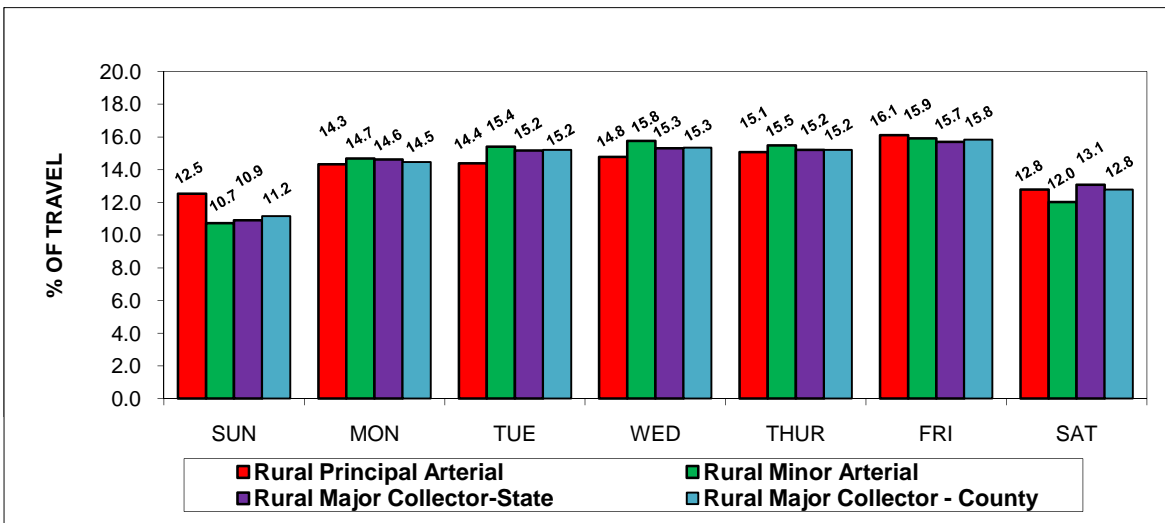
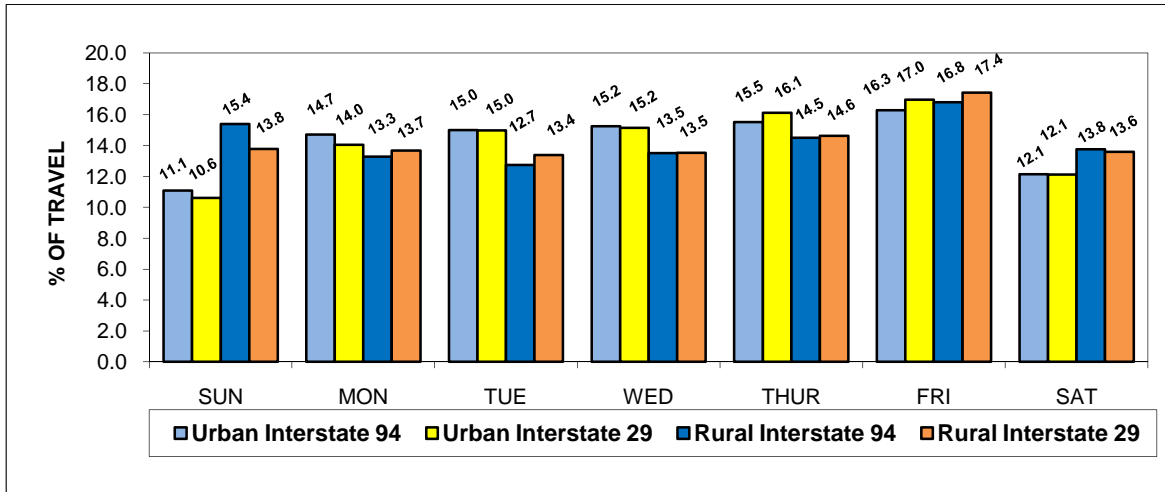
# HOURLY DISTRIBUTION OF TRAVEL

## URBAN COLLECTOR

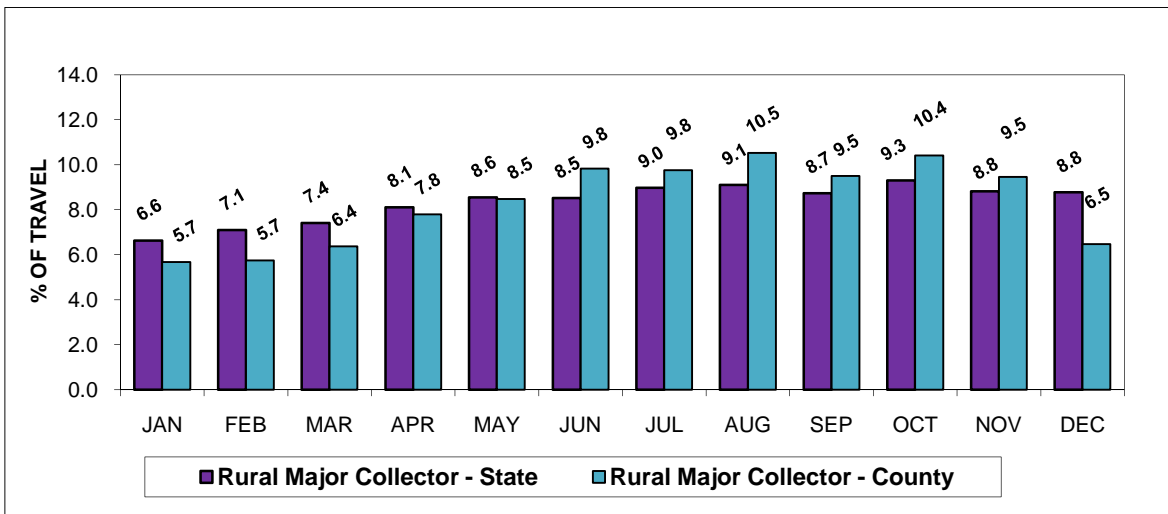
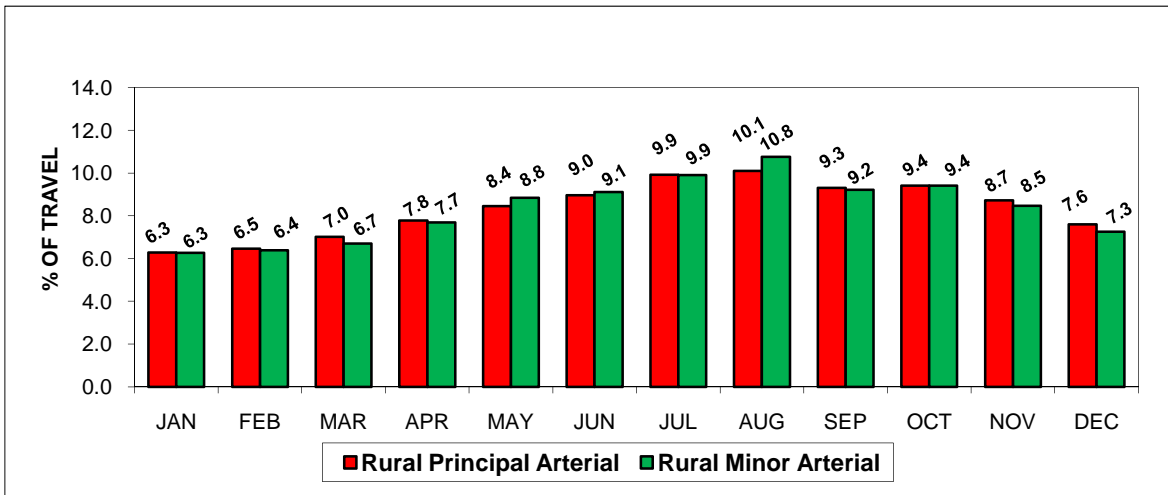
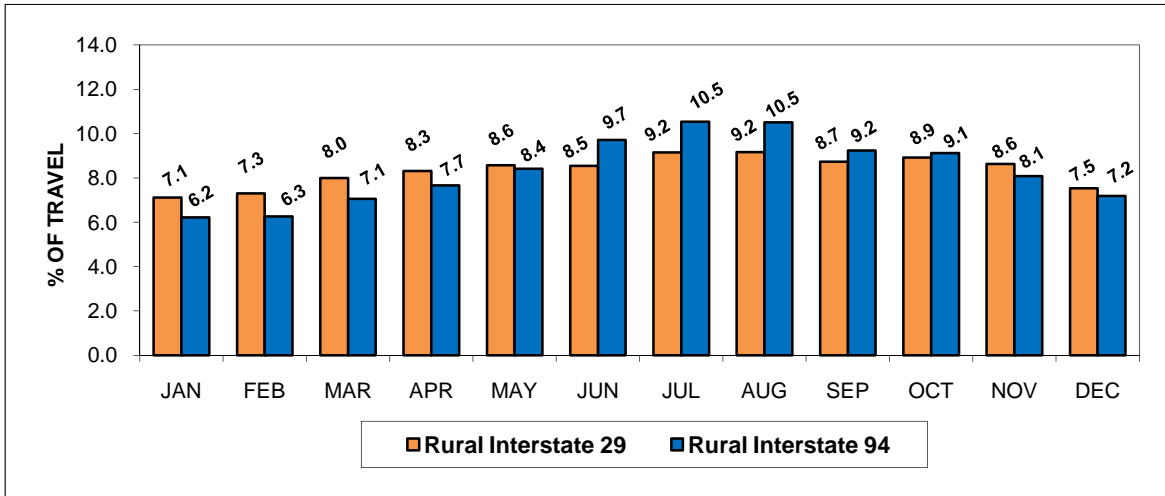


# DAILY DISTRIBUTION OF TRAVEL

## TOTAL VEHICLES

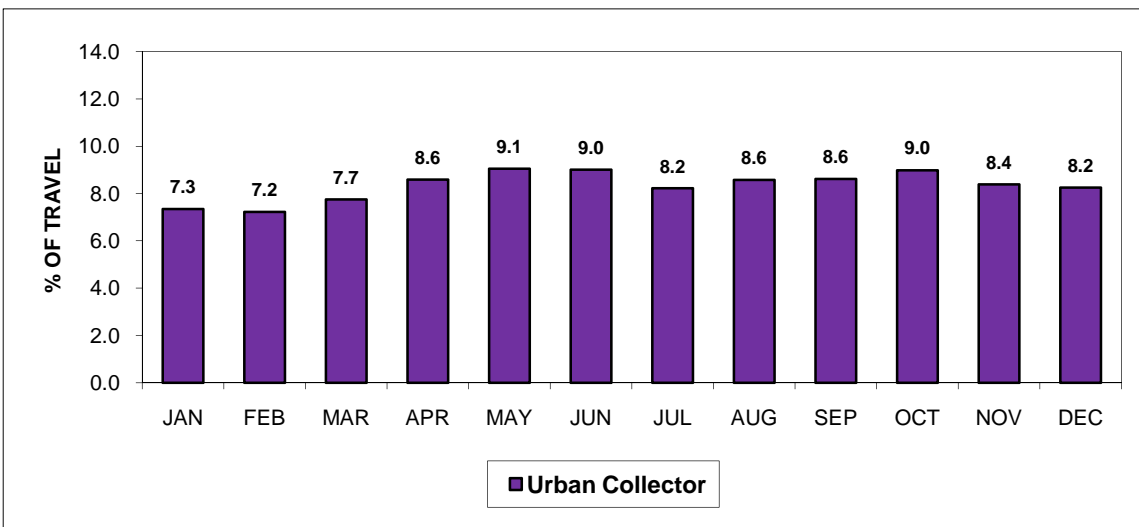
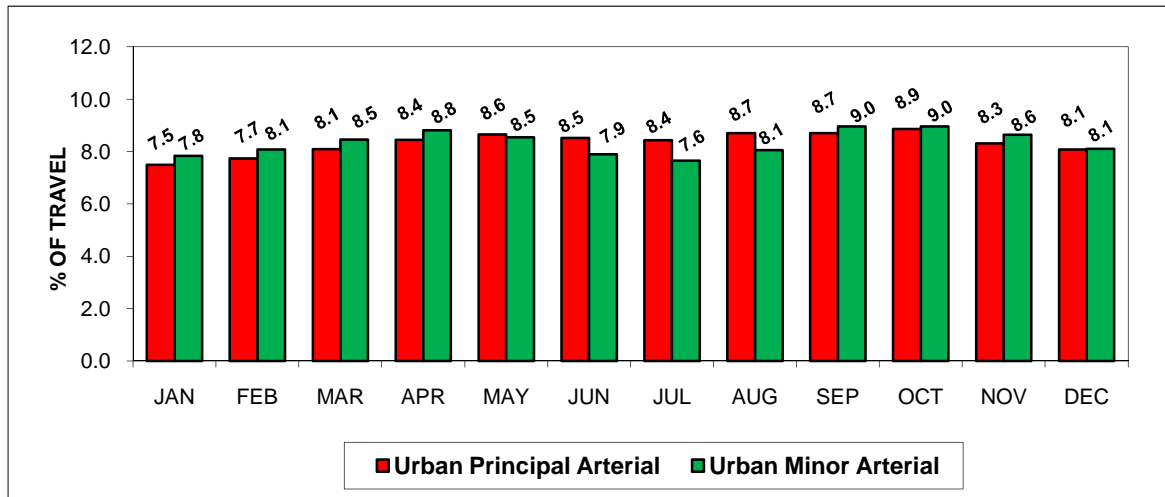
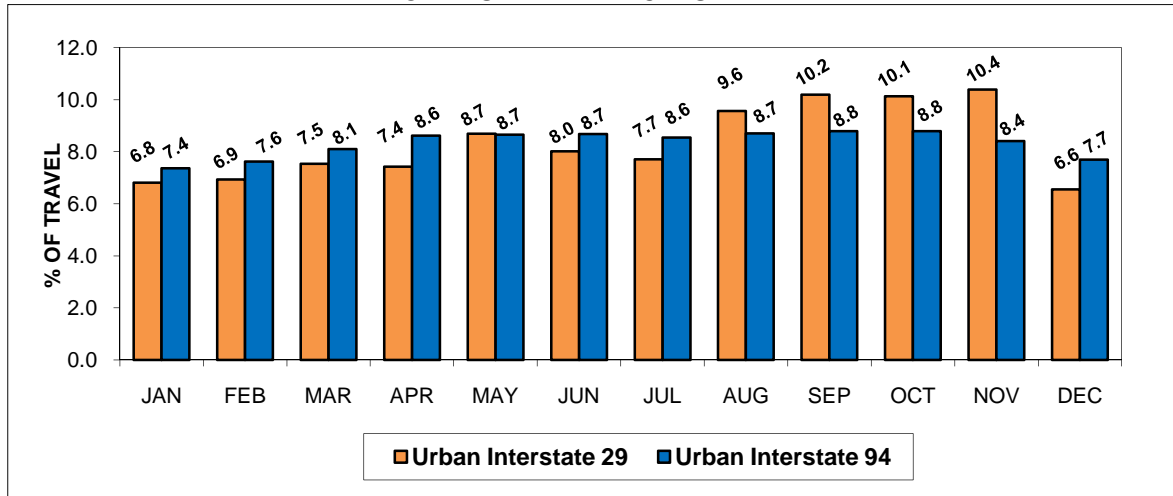


## MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL RURAL VEHICLES



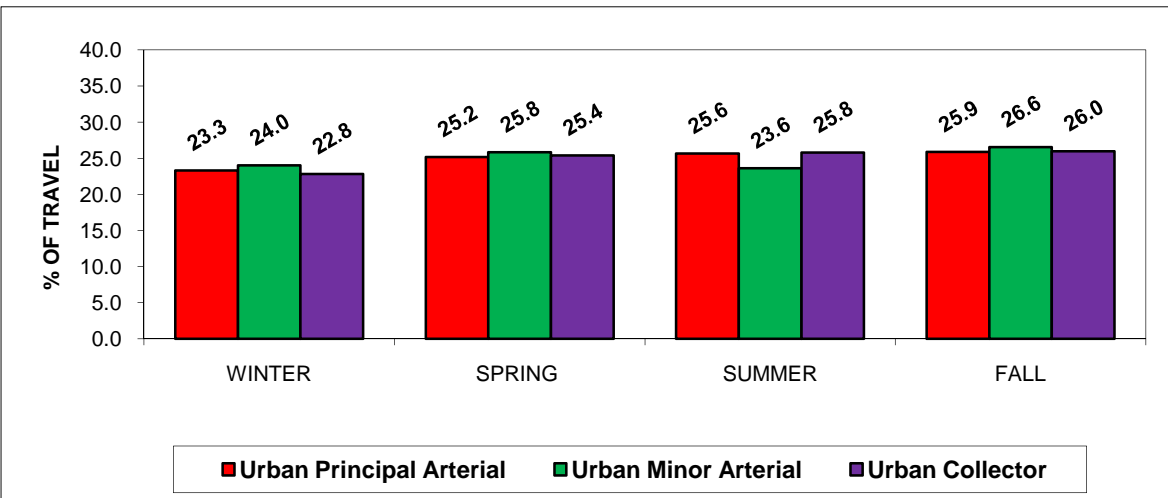
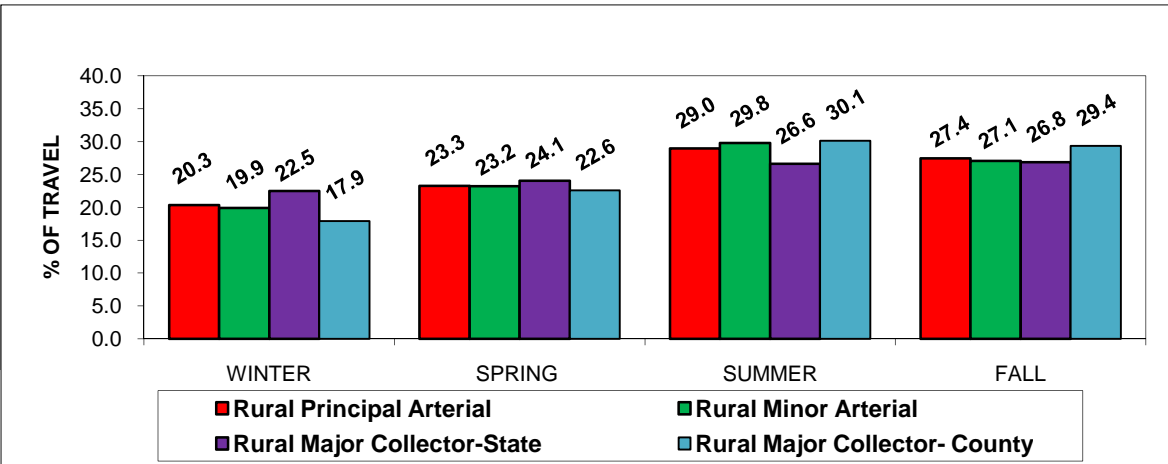
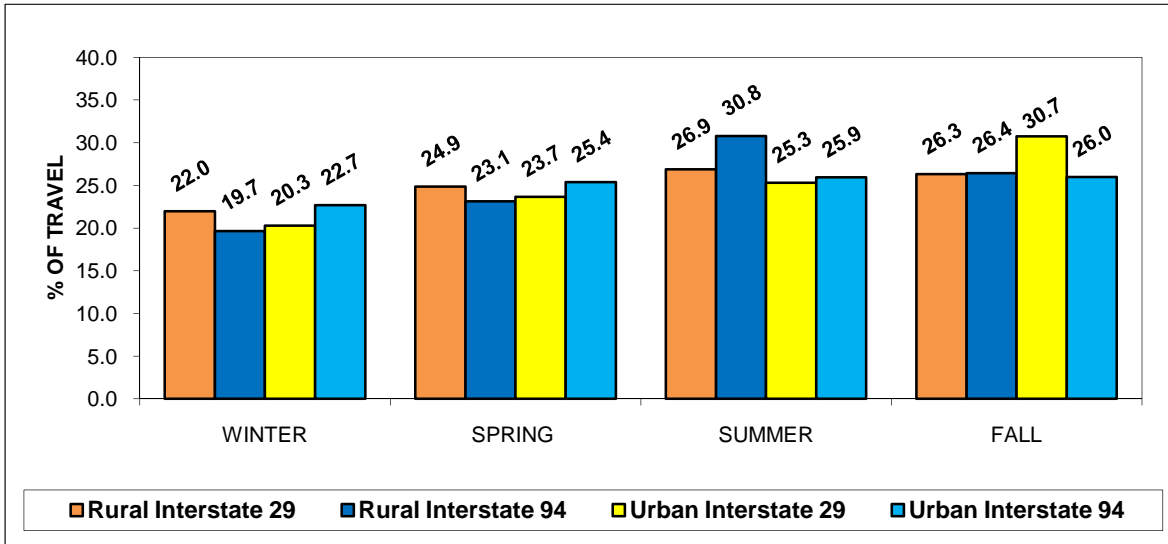


## MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL URBAN VEHICLES



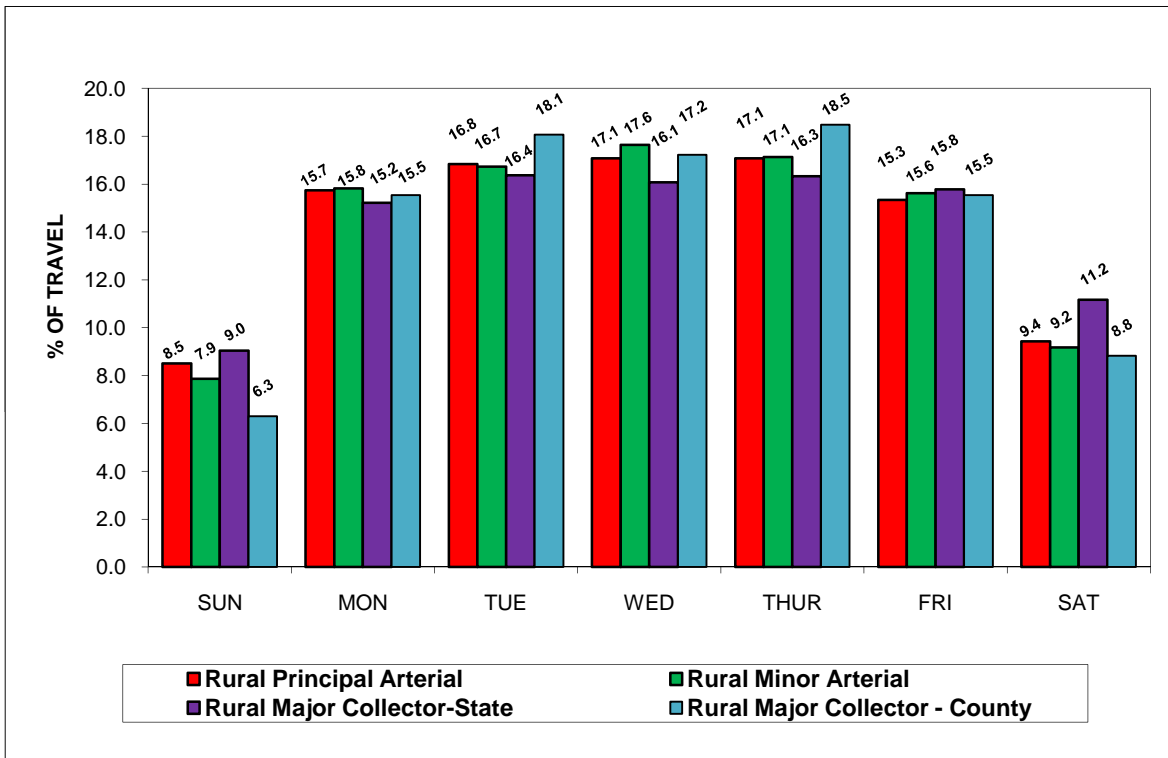
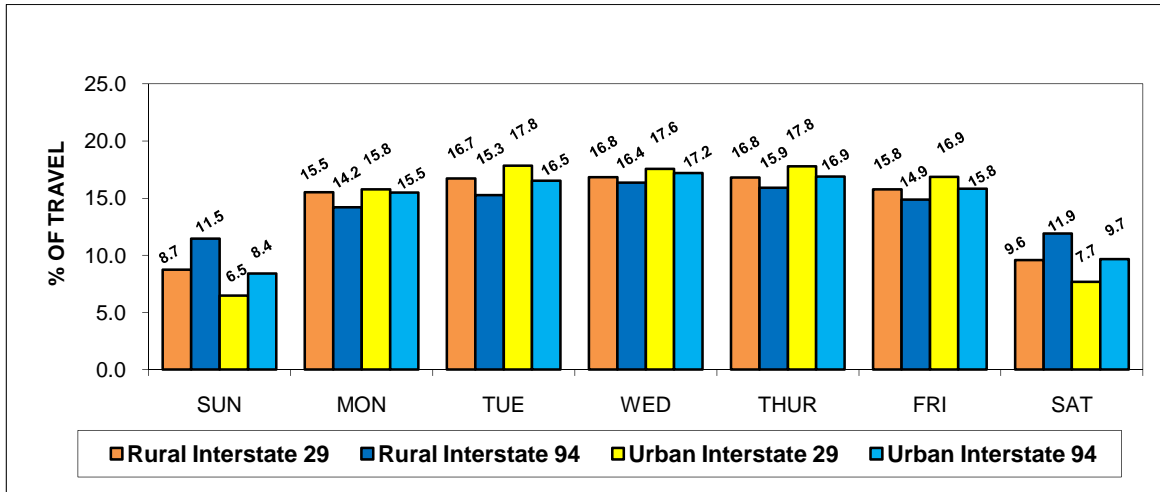
# SEASONAL DISTRIBUTION OF TRAVEL

TOTAL VEHICLES



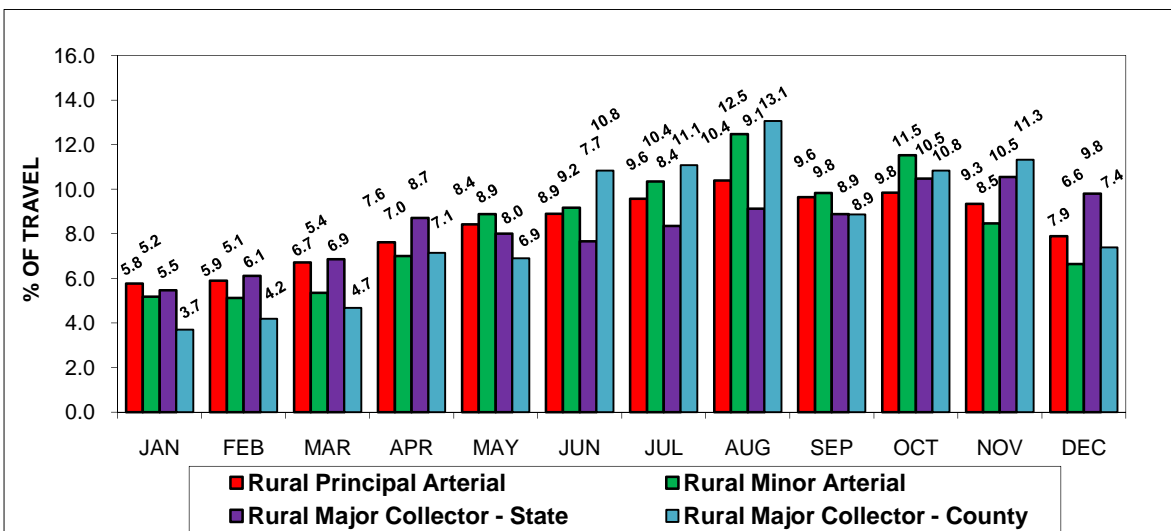
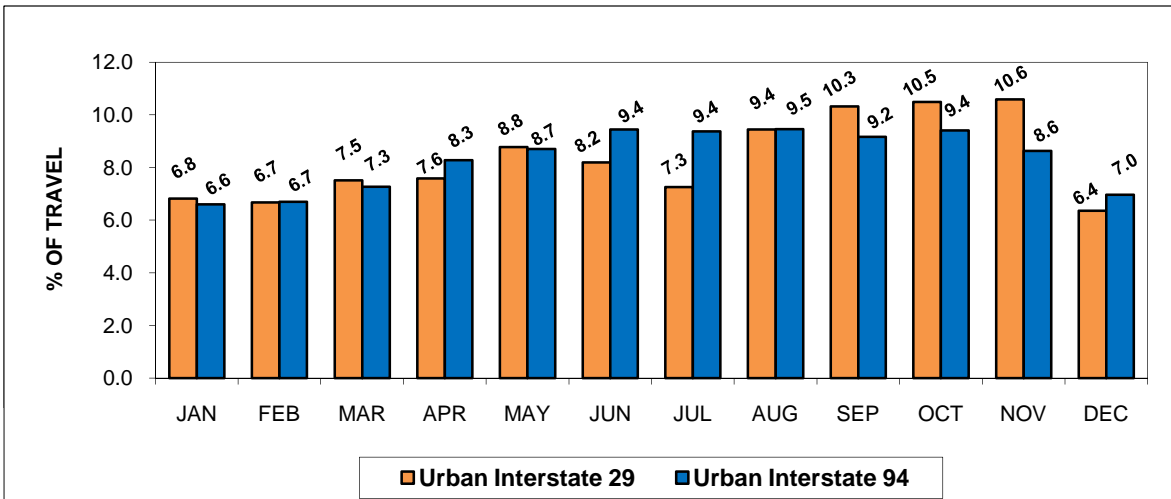
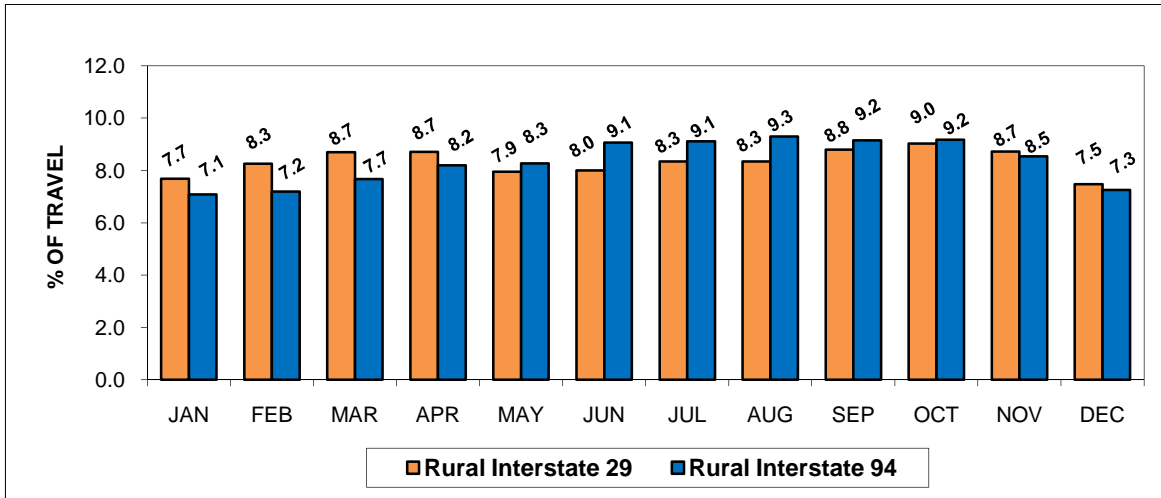
# DAILY DISTRIBUTION OF TRAVEL

## TOTAL TRUCKS

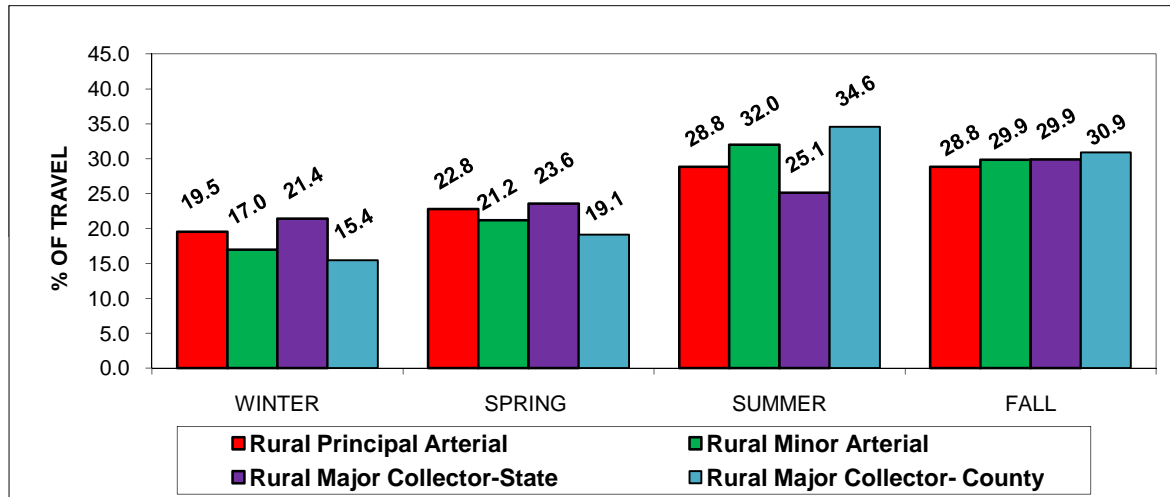
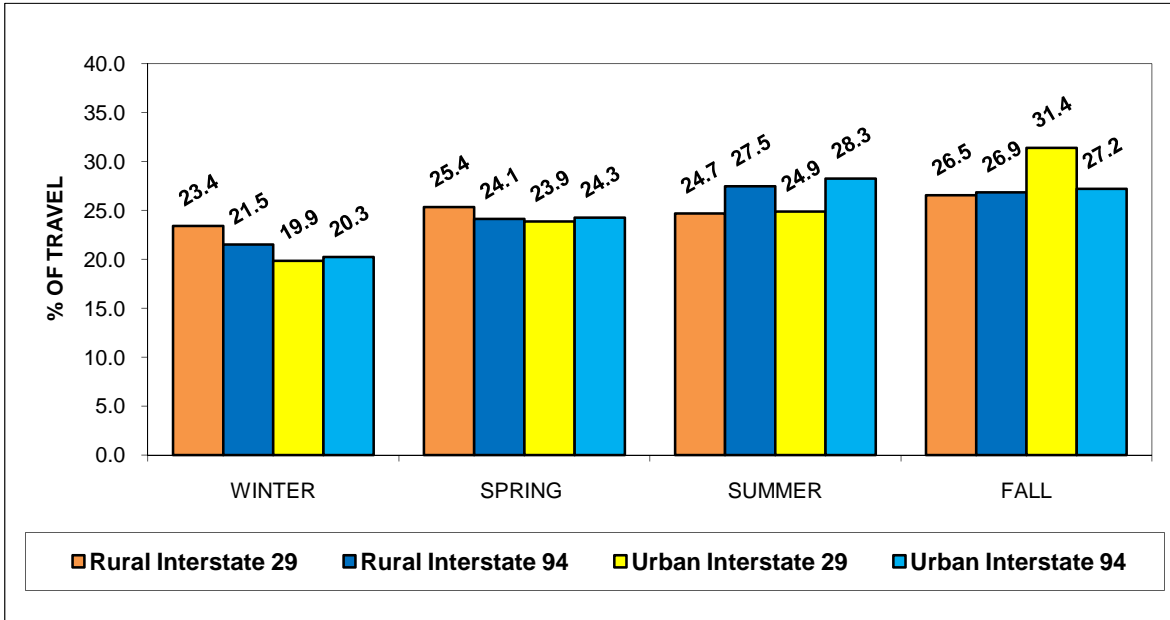


# MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

## TOTAL TRUCKS



## SEASONAL DISTRIBUTION OF TRAVEL TOTAL TRUCKS



**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2010**

STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
<b>INTERSTATE RURAL - I-94</b>									
207	MEDINA	EAST	3816	707	18.5%	494	12.9%	274	64-36
		WEST	3662	602	16.4%	505	13.8%	569	47-53
		EAST & WEST	7478	1,104	14.8%	974	13.0%		
223	NEW SALEM	EAST	3527	498	14.1%	420	11.9%	267	61-39
		WEST	3473	514	14.8%	399	11.5%	479	45-55
		EAST & WEST	7000	904	12.9%	797	11.4%		
245	TOWER CITY	EAST	5233	940	18.0%	691	13.2%	394	64-36
		WEST	5231	765	14.6%	652	12.5%	615	51-49
		EAST & WEST	10464	1,572	15.0%	1274	12.2%		
279	PAINTED CANYON	EAST	1970	346	17.6%	271	13.8%	286	49-51
		WEST	1923	397	20.6%	286	14.9%	194	60-40
		EAST & WEST	3893	718	18.4%	535	13.7%		
<b>INTERSTATE RURAL - I-29</b>									
211	BUXTON	NORTH	5660	925	16.3%	709	12.5%	492	59-41
		SOUTH	5618	970	17.3%	705	12.5%	576	55-45
		NORTH & SOUTH	11278	1,588	14.1%	1333	11.8%		
243	BOWESMONT	NORTH	1831	421	23.0%	270	14.7%	130	68-33
		SOUTH	1795	439	24.5%	274	15.3%	104	72-28
		NORTH & SOUTH	3626	526	14.5%	430	11.9%		
265	MOORETON	NORTH	3162	456	14.4%	340	10.8%	318	52-48
		SOUTH	3223	497	15.4%	371	11.5%	257	59-41
		NORTH & SOUTH	6385	854	13.4%	690	10.8%		
285	DAVENPORT	NORTH	5500	742	13.5%	677	12.3%	292	70-30
		SOUTH	5401	819	15.2%	713	13.2%	468	60-40
		NORTH & SOUTH	10901	1,388	12.7%	1194	11.0%		
<b>INTERSTATE URBAN - I-94</b>									
217	FARGO (U)	EAST	31919	4,070	12.8%	3744	11.7%	2820	57-43
		WEST	33064	3,588	10.9%	3453	10.4%	2029	63-37
		EAST & WEST	64983	7,054	10.9%	6628	10.2%		
283	BISMARCK (U)	EAST	11914	1,364	11.4%	1259	10.6%	1301	49-51
		WEST	11813	1,385	11.7%	1282	10.9%	1240	51-49
		EAST & WEST	23727	2,717	11.5%	2516	10.6%		
<b>INTERSTATE URBAN - I-29</b>									
235	FARGO (U)	NORTH	18012	4,808	26.7%	2580	14.3%	2682	49-51
		SOUTH	17141	3,840	22.4%	2740	16.0%	2502	52-48
		NORTH & SOUTH	35153	7,774	22.1%	5282	15.0%		
<b>PRINCIPAL ARTERIAL RURAL</b>									
201	RAY	EAST	2195	531	24.2%	348	15.9%	338	51-49
		WEST	2172	396	18.2%	314	14.5%	270	54-46
		EAST & WEST	4367	876	20.1%	646	14.8%		
203	MAX	NORTH	2496	465	18.6%	229	9.2%	239	49-51

**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2010**

STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
<b>PRINCIPAL ARTERIAL RURAL</b>									
203	MAX	SOUTH	2507	281	11.2%	181	7.2%	170	52-48
		NORTH & SOUTH	5003	473	9.5%	346	6.9%		
205	GWINNER	EAST	607	288	47.4%	112	18.5%	140	44-56
		WEST	609	162	26.6%	115	18.9%		
		EAST & WEST	1216	342	28.1%	208	17.1%		
215	JAMESTOWN	EAST	1567	289	18.4%	181	11.6%	120	60-40
		WEST	1603	229	14.3%	184	11.5%		
		EAST & WEST	3170	384	12.1%	341	10.8%		
219	MANDAN	NORTH	807	164	20.3%	96	11.9%	40	71-29
		SOUTH	808	171	21.2%	109	13.5%		
		NORTH & SOUTH	1615	254	15.7%	184	11.4%		
221	FAIRFIELD	NORTH	1076	240	22.3%	168	15.6%	84	67-33
		SOUTH	1044	164	15.7%	131	12.5%		
		NORTH & SOUTH	2120	350	16.5%	268	12.6%		
229	COOPERSTOWN	EAST	469	87	18.6%	62	13.2%	43	59-41
		WEST	458	171	37.3%	57	12.4%		
		EAST & WEST	927	175	18.9%	109	11.8%		
233	FOXHOLM	EAST	1219	190	15.6%	150	12.3%	73	67-33
		WEST	1272	182	14.3%	141	11.1%		
		EAST & WEST	2491	342	13.7%	260	10.4%		
237	NEKOMA	NORTH	397	67	16.9%	50	12.6%	53	49-51
		SOUTH	417	65	15.6%	55	13.2%		
		NORTH & SOUTH	814	115	14.1%	98	12.0%		
239	NEW TOWN	EAST	1866	408	21.9%	284	15.2%	210	57-43
		WEST	1837	338	18.4%	228	12.4%		
		EAST & WEST	3703	729	19.7%	502	13.6%		
241	BOTTINEAU	EAST	608	115	18.9%	86	14.1%	37	70-30
		WEST	631	132	20.9%	82	13.0%		
		EAST & WEST	1239	175	14.1%	147	11.9%		
251	HAGUE	NORTH	439	78	17.8%	56	12.8%	52	52-48
		SOUTH	428	64	15.0%	54	12.6%		
		NORTH & SOUTH	867	118	13.6%	103	11.9%		
253	RUGBY	EAST	1395	206	14.8%	171	12.3%	122	58-42
		WEST	1380	251	18.2%	167	12.1%		
		EAST & WEST	2775	397	14.3%	319	11.5%		
255	CROSBY	EAST	427	83	19.4%	55	12.9%	37	60-40
		WEST	415	86	20.7%	54	13.0%		
		EAST & WEST	842	119	14.1%	98	11.6%		
257	WILLISTON	EAST	808	118	14.6%	91	11.3%	25	78-22
		WEST	812	136	16.7%	107	13.2%		
		EAST & WEST	1620	232	14.3%	173	10.7%		
261	CARRINGTON	NORTH	866	164	18.9%	110	12.7%	45	71-29
		SOUTH	870	152	17.5%	99	11.4%		

**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2010**

STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
<b>PRINCIPAL ARTERIAL RURAL</b>									
261	CARRINGTON	NORTH & SOUTH	1736	287	16.5%	191	11.0%		
271	GOLDEN VALLEY	EAST	414	94	22.7%	48	11.6%	45	52-48
		WEST	426	130	30.5%	55	12.9%	42	57-43
		EAST & WEST	840	156	18.6%	92	11.0%		
273	NEW LEIPZIG	EAST	182	47	25.8%	29	15.9%	19	60-40
		WEST	182	50	27.5%	31	17.0%	14	69-31
		EAST & WEST	364	67	18.4%	49	13.5%		
281	SAWYER	EAST	2206	393	17.8%	319	14.5%	188	63-37
		WEST	2357	652	27.7%	344	14.6%	288	54-46
		EAST & WEST	4563	904	19.8%	524	11.5%		
303	MICHIGAN	EAST	1905	326	17.1%	267	14.0%	174	61-39
		WEST	1898	364	19.2%	247	13.0%	138	64-36
		EAST & WEST	3803	639	16.8%	479	12.6%		
307	WASHBURN	NORTH	2614	483	18.5%	323	12.4%	66	83-17
		SOUTH	2575	406	15.8%	358	13.9%	229	61-39
		NORTH & SOUTH	5189	747	14.4%	605	11.7%		
<b>MINOR ARTERIAL RURAL</b>									
231	GRAFTON	EAST	1295	179	13.8%	149	11.5%	88	63-37
		WEST	1299	206	15.9%	171	13.2%	133	56-44
		EAST & WEST	2594	342	13.2%	285	11.0%		
247	COURTENAY	NORTH	232	89	38.4%	38	16.4%	17	69-31
		SOUTH	232	55	23.7%	35	15.1%	29	55-45
		NORTH & SOUTH	464	98	21.1%	60	12.9%		
249	GARRISON	EAST	683	162	23.7%	106	15.5%	76	58-42
		WEST	676	172	25.4%	113	16.7%	94	55-45
		EAST & WEST	1359	263	19.4%	205	15.1%		
275	HANNOVER	NORTH	306	56	18.3%	44	14.4%	31	59-41
		SOUTH	296	84	28.4%	39	13.2%	37	51-49
		NORTH & SOUTH	602	98	16.3%	71	11.8%		
289	MANNING	NORTH	1865	534	28.6%	362	19.4%	162	69-31
		SOUTH	1810	315	17.4%	250	13.8%	236	51-49
		NORTH & SOUTH	3675	807	22.0%	578	15.7%		
<b>MAJOR COLLECTOR - COUNTY</b>									
225	STERLING	EAST	335	76	22.7%	51	15.2%	26	66-34
		WEST	310	53	17.1%	41	13.2%	42	49-51
		EAST & WEST	645	100	15.5%	81	12.6%		
259	AYR	EAST	185	57	30.8%	27	14.6%	7	79-21
		WEST	187	51	27.3%	28	15.0%	17	62-38
		EAST & WEST	372	65	17.5%	50	13.4%		
277	REGENT	NORTH	178	66	37.1%	32	18.0%	31	51-49
		SOUTH	180	102	56.7%	34	18.9%	27	56-44

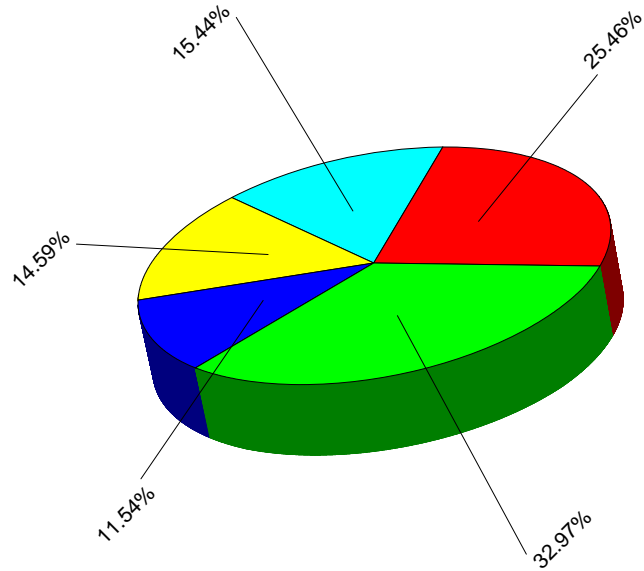
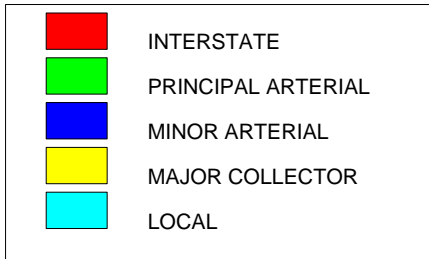


**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2010**

STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
<b>MAJOR COLLECTOR - COUNTY</b>									
277	REGENT	NORTH & SOUTH	358	116	32.4%	60	16.8%		
<b>MAJOR COLLECTOR - STATE</b>									
267	TRENTON	NORTH	1629	248	15.2%	155	9.5%	81	66-34
		SOUTH	1602	268	16.7%	193	12.0%	110	64-36
		NORTH & SOUTH	3231	363	11.2%	320	9.9%		
<b>PRINCIPAL ARTERIAL URBAN</b>									
287	GRAND FORKS	NORTH	10268	1,089	10.6%	985	9.6%	1076	48-52
		SOUTH	10252	1,173	11.4%	1082	10.6%	926	54-46
		NORTH & SOUTH	20520	2,194	10.7%	2037	9.9%		
501	FARGO (U)	NORTH	11896	1,492	12.5%	1393	11.7%	812	63-37
		SOUTH	12972	1,633	12.6%	1536	11.8%	938	62-38
		NORTH & SOUTH	24868	2,704	10.9%	2552	10.3%		
603	WILLISTON (U)	EAST	3306	403	12.2%	355	10.7%	305	54-46
		WEST	3204	369	11.5%	332	10.4%	313	51-49
		EAST & WEST	6510	772	11.9%	669	10.3%		
605	MANDAN (U)	EAST	10039	1,105	11.0%	1030	10.3%	632	62-38
		WEST	10231	1,337	13.1%	1202	11.7%	946	56-44
		EAST & WEST	20270	2,333	11.5%	2115	10.4%		
<b>MINOR ARTERIAL-URBAN</b>									
607	DICKINSON (U)	EAST	1496	243	16.2%	213	14.2%	161	57-43
		WEST	1537	220	14.3%	201	13.1%	67	75-25
		EAST & WEST	3033	406	13.4%	365	12.0%		
611	MINOT (U)	EAST	1385	218	15.7%	176	12.7%	125	58-42
		WEST	1509	227	15.0%	194	12.9%	138	58-42
		EAST & WEST	2894	426	14.7%	336	11.6%		
<b>COLLECTOR URBAN</b>									
609	MINOT (U)	EAST	1198	170	14.2%	143	11.9%	116	55-45
		WEST	1176	271	23.0%	149	12.7%	132	53-47
		EAST & WEST	2374	371	15.6%	280	11.8%		

# 2010 COMPARISON OF VEHICLE MILES TO RURAL ROAD MILES

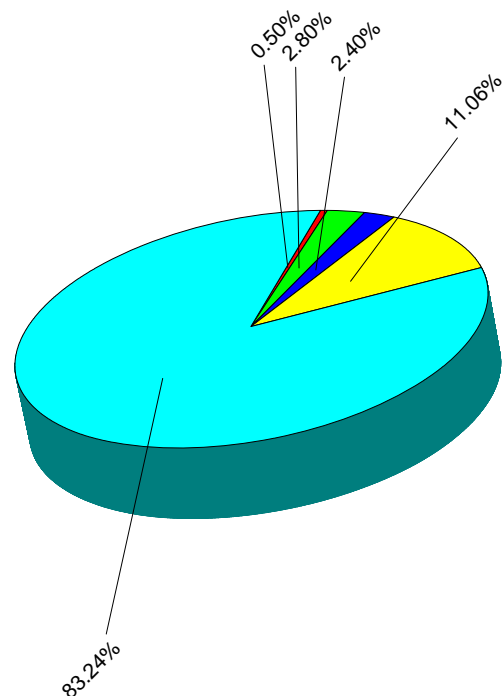
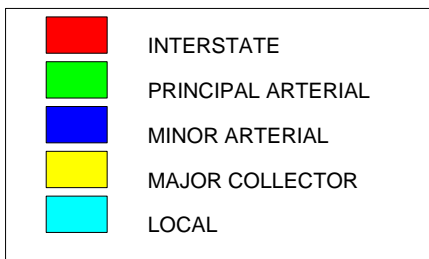
## Vehicle Miles Traveled



### Interesting facts:

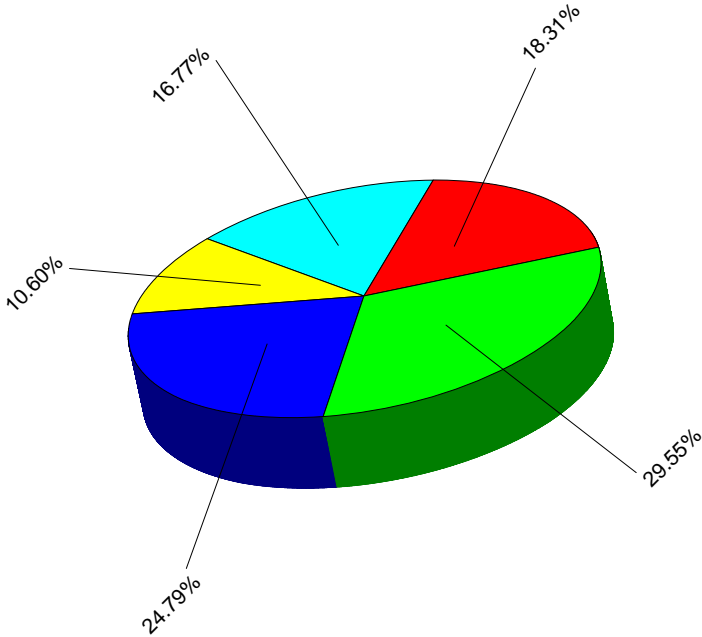
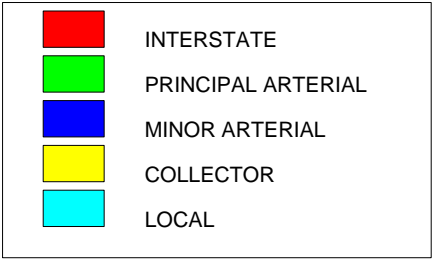
--Local roads comprise 83.24% of the roads in the state but only carry 15.44% of the traffic.  
 --Interstates comprise less than 1% of the roads but carry 25.46% of the traffic.  
 --Principal Arterials comprise only 2.8% of the roads but carry 32.97% of the traffic.

## Road Miles



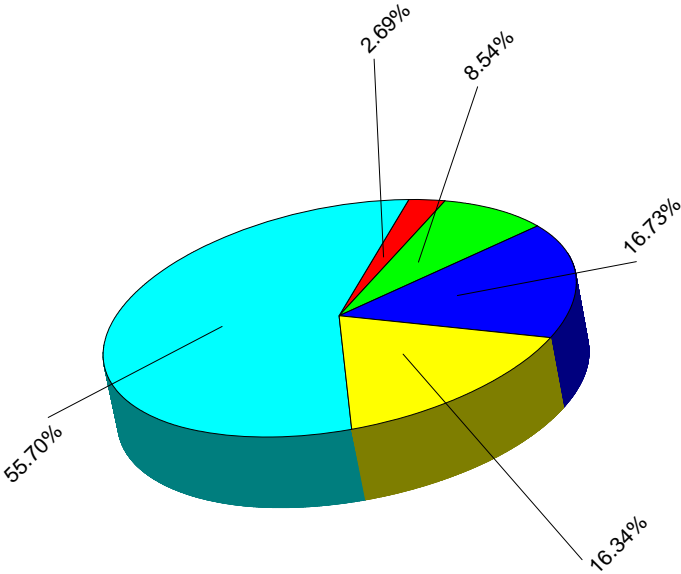
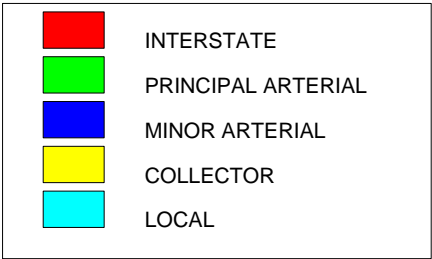
# 2010 COMPARISON OF VEHICLE MILES TO URBAN ROAD MILES

## Vehicle Miles Traveled



**Interesting fact:**  
 --Local roads comprise 55.7% of the urban roads in the state but carry only 16.77% of the traffic.

## Road Miles







**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
SUMMARY OF 2010 EXISTING MILEAGE OF NORTH DAKOTA ROADS AND STREETS  
CLASSIFIED BY SYSTEMS**

SYSTEM	SURFACED MILEAGE			UNSURFACED MILEAGE		TOTALS	NHS HARD SURFACES
	HARD SURFACES			GRADED/ DRAINED	UNIMPROVED ROADS		
	BITUMINOUS	CONCRETE	GRAVEL				
<b>STATE</b>							
INTERSTATE RURAL	135.0	384.3	0.0	0.0	0.0	519.3	519.3
INTERSTATE URBAN	10.4	41.3	0.0	0.0	0.0	51.7	51.7
TOTAL	145.4	425.6	0.0	0.0	0.0	571.0	571.0
PRINCIPAL ARTERIAL RURAL	2,813.4	116.2	0.0	0.0	0.0	2,929.5	2,085.2
PRINCIPAL ARTERIAL URBAN	97.6	48.9	0.0	0.0	0.0	146.5	65.7
TOTAL	2,911.0	165.1	0.0	0.0	0.0	3,076.1	2,150.9
MINOR ARTERIAL RURAL	2,514.4	1.5	0.0	0.0	0.0	2,515.8	
MINOR ARTERIAL URBAN	9.0	2.4	0.0	0.0	0.0	11.4	
TOTAL	2,523.4	3.9	0.0	0.0	0.0	2,527.3	
MAJOR COLLECTOR	1,158.2	5.9	0.0	0.0	0.0	1,164.0	
TOTAL	1,158.2	5.9	0.0	0.0	0.0	1,164.0	
LOCAL RURAL	40.2	0.0	0.5	0.0	0.0	40.7	
LOCAL URBAN	2.8	0.0	0.0	0.0	0.0	2.8	
TOTAL	43.0	0.0	0.5	0.0	0.0	43.5	
<b>TOTAL STATE HIGHWAY SYSTEM</b>	<b>6,780.9</b>	<b>600.4</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>7,381.9</b>	<b>2,721.9</b>
<b>COUNTY</b>							
MAJOR COLLECTOR RURAL	4,442.5	50.5	5,652.9	3.0	4.4	10,153.3	
MAJOR COLLECTOR CITY	194.1	4.4	68.6	0.1	0.4	267.7	
TOTAL	4,636.6	54.9	5,721.6	3.1	4.8	10,421.0	
PRINCIPAL ARTERIAL RURAL	2.5	0.0	0.0	0.0	0.0	2.5	2.5
TOTAL	2.5	0.0	0.0	0.0	0.0	2.5	2.5
LOCAL RURAL ROADS	1,060.4	35.7	52,336.1	6,342.9	25,192.0	84,967.1	
LOCAL ROADS CITY	1,043.2	3.9	970.9	42.3	122.8	2,183.2	
TOTAL	2,103.5	39.6	53,307.0	6,385.2	25,314.9	87,150.3	
<b>TOTAL COUNTY SYSTEM</b>	<b>6,742.7</b>	<b>94.5</b>	<b>59,028.6</b>	<b>6,388.3</b>	<b>25,319.7</b>	<b>97,573.8</b>	<b>2.5</b>
<b>URBAN</b>							
PRINCIPAL ARTERIAL	6.5	11.6	0.0	0.0	0.0	18.1	
MINOR ARTERIAL	235.6	50.8	24.3	0.4	0.0	311.0	
COLLECTOR	241.8	46.0	24.7	0.0	2.3	314.8	
LOCAL STREETS	757.1	147.4	150.3	2.3	13.2	1,070.3	
<b>TOTAL URBAN SYSTEM</b>	<b>1,240.9</b>	<b>255.7</b>	<b>199.2</b>	<b>2.7</b>	<b>15.5</b>	<b>1,714.1</b>	
<b>TOTAL RURAL ROADS</b>	<b>13,403.8</b>	<b>602.2</b>	<b>59,029.1</b>	<b>6,388.3</b>	<b>25,319.7</b>	<b>104,743.2</b>	
<b>TOTAL CITY STREETS</b>	<b>1,360.8</b>	<b>348.4</b>	<b>199.2</b>	<b>2.7</b>	<b>15.5</b>	<b>1,926.6</b>	
<b>TOTAL</b>	<b>14,764.6</b>	<b>950.6</b>	<b>59,228.3</b>	<b>6,391.0</b>	<b>25,335.2</b>	<b>106,669.8</b>	
<b>TOTAL NHS</b>							<b>2,724.4</b>

**FUNCTIONAL SYSTEM MILEAGE**

SYSTEM	RURAL	URBAN	TOTAL
INTERSTATE	519.3	51.7	571.0
PRINCIPAL	2,932.0	164.6	3,096.6
MINOR	2,515.8	322.4	2,838.2
COLLECTOR	11,585.1	314.8	11,899.8
LOCAL	87,191.0	1,073.1	88,264.1
<b>TOTAL</b>	<b>104,743.2</b>	<b>1,926.6</b>	<b>106,669.8</b>

**2010 URBAN ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS**  
 (VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

<b>CITY</b>	<b>INTERSTATE</b>	<b>PRINCIPAL ARTERIAL</b>	<b>MINOR ARTERIAL</b>	<b>COLLECTOR</b>	<b>LOCAL STREETS</b>	<b>TOTAL</b>
BISMARCK	42,345	113,007	112,790	57,743	36,897	362,782
DEVILS LAKE		18,623	6,913	6,865	6,414	38,815
DICKINSON	11,872	28,835	21,520	10,971	27,511	100,710
FARGO	224,811	152,858	192,557	68,249	149,069	787,544
GRAFTON		6,309	2,447	1,465	3,642	13,864
GRAND FORKS	14,852	113,668	57,366	34,460	36,137	256,483
JAMESTOWN	18,957	25,854	10,219	8,411	14,263	77,704
MANDAN	49,962	38,999	25,298	5,502	9,946	129,708
MINOT		115,238	65,072	18,787	47,462	246,559
VALLEY CITY	17,978	6,653	5,914	4,725	6,425	41,695
WAHPETON		11,649	7,364	4,915	10,398	34,325
WEST FARGO	41,031	17,474	43,147	14,757	22,614	139,023
WILLISTON		31,630	20,514	7,279	15,550	74,973
<b>TOTAL</b>	<b>421,808</b>	<b>680,798</b>	<b>571,121</b>	<b>244,129</b>	<b>386,328</b>	<b>2,304,184</b>

A note about the Williston, Dickinson, and Minot numbers:  
 Since we only do full coverage traffic counts in any one particular city on every third year (see page 6), we have not counted in Williston since 2008. Therefore, the above numbers will not reflect the large increase in traffic that has occurred there over the last 3 years because of the oil boom. For the same reason, Dickinson and Minot have also grown more than the above numbers indicate.

If a particular city has no mileage entry for Interstate, it means that there are no Interstates in that city.

## 2010 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

COUNTY	INTERSTATE	PRINCIPAL ARTERIAL	MINOR ARTERIAL	STATE MAJOR COLLECTOR	COUNTY MAJOR COLLECTOR	LOCAL ROADS	TOTAL
ADAMS		14,908	3,427	1,235	4,502	8,000	32,073
BARNES	123,682	14,983	15,946	4,552	22,443	22,268	203,874
BENSON		50,343	13,788	247	8,384	23,350	96,110
BILLINGS	25,251	16,538	1,908		3,880	12,434	60,011
BOTTINEAU		37,121	5,372	6,051	22,324	23,095	93,963
BOWMAN		25,271	8,533	1,246	7,790	8,890	51,729
BURKE		23,957	3,944	7,300	4,132	13,372	52,705
BURLEIGH	105,033	73,948	9,853	12,200	31,742	17,357	250,134
CASS	314,471		45,234	6,505	67,773	44,033	478,014
CAVALIER		23,100	2,988	4,665	7,731	20,850	59,334
DICKEY		15,154	22,037	1,157	8,656	16,137	63,141
DIVIDE		16,326	1,775	2,277	4,771	17,373	42,523
DUNN		15,796	60,166	1,777	7,661	12,558	97,959
EDDY		11,330	5,037		2,747	8,967	28,081
EMMONS		32,554	2,823	5,163	4,834	16,540	61,913
FOSTER		31,213	1,767		5,034	10,201	48,213
GOLDEN VALLEY	22,530			5,639	5,100	6,842	40,110
GRAND FORKS	133,436	94,409	32,111	1,537	51,495	38,207	351,196
GRANT		8,189	8,107		3,894	12,579	32,769
GRIGGS		13,152	3,386	1,209	4,374	8,232	30,353
HETTINGER		13,604	6,523		6,231	10,284	36,643
KIDDER	84,379	11,528	2,730		7,557	11,690	117,885
LAMOURE		33,238	410	412	12,132	13,115	59,306
LOGAN		6,403	3,753	1,587	2,432	8,382	22,558
MC HENRY		73,292	10,510	750	11,767	19,980	116,299
MC INTOSH		8,402	8,724		4,843	12,224	34,193
MC KENZIE		114,109	31,214	18,982	13,896	20,454	198,655
MC LEAN		121,113	23,606	10,624	16,210	34,360	205,912
MERCER		50,181	692	4,733	19,239	14,351	89,197
MORTON	145,432	27,752	33,125	2,591	20,418	19,365	248,683
MOUNTRAIL		123,493	40,927	2,692	17,902	19,501	204,514
NELSON		44,174	8,761	1,172	6,120	14,940	75,168
OLIVER		8,061	17,044	2,705	4,809	4,917	37,535
PEMBINA	43,486	20,171	22,173	4,965	14,240	24,125	129,159
PIERCE		33,680	2,818	2,078	3,042	9,925	51,543
RAMSEY		66,215	17,824		9,971	13,989	107,999
RANSOM			26,028		11,115	16,452	53,596
RENVILLE		14,375	1,912	1,842	7,626	10,727	36,481
RICHLAND	106,698	33,475	30,798		24,576	40,332	235,879
ROLETTE		48,900	1,992	7,688	11,443	26,550	96,572
SARGENT		18,945	16,785		9,826	10,946	56,502
SHERIDAN		9,614	4,039	240	3,244	9,011	26,149
SIOUX		6,354	19,202	3,360	6,791	3,350	39,056
SLOPE		19,447	2,401	797	2,360	5,232	30,236
STARK	111,763	23,456	20,785		23,256	12,754	192,015
STEELE		9,637	6,874	2,020	7,986	12,389	38,906
STUTSMAN	131,216	48,565	16,971	4,452	19,907	23,713	244,824
TOWNER		15,023	3,566	2,273	2,964	12,260	36,086
TRAILL	129,474	17,301	8,913	5,281	22,529	24,208	207,707
WALSH	50,356	23,339	38,829	1,208	20,747	21,892	156,372
WARD		248,995		4,155	44,972	38,715	336,837
WELLS		49,419	3,161	739	6,668	18,062	78,050
WILLIAMS		117,147	10,831	34,550	14,492	46,643	223,663
<b>TOTAL</b>	<b>1,527,206</b>	<b>1,977,701</b>	<b>692,120</b>	<b>184,657</b>	<b>690,577</b>	<b>926,122</b>	<b>5,998,383</b>

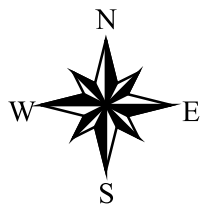
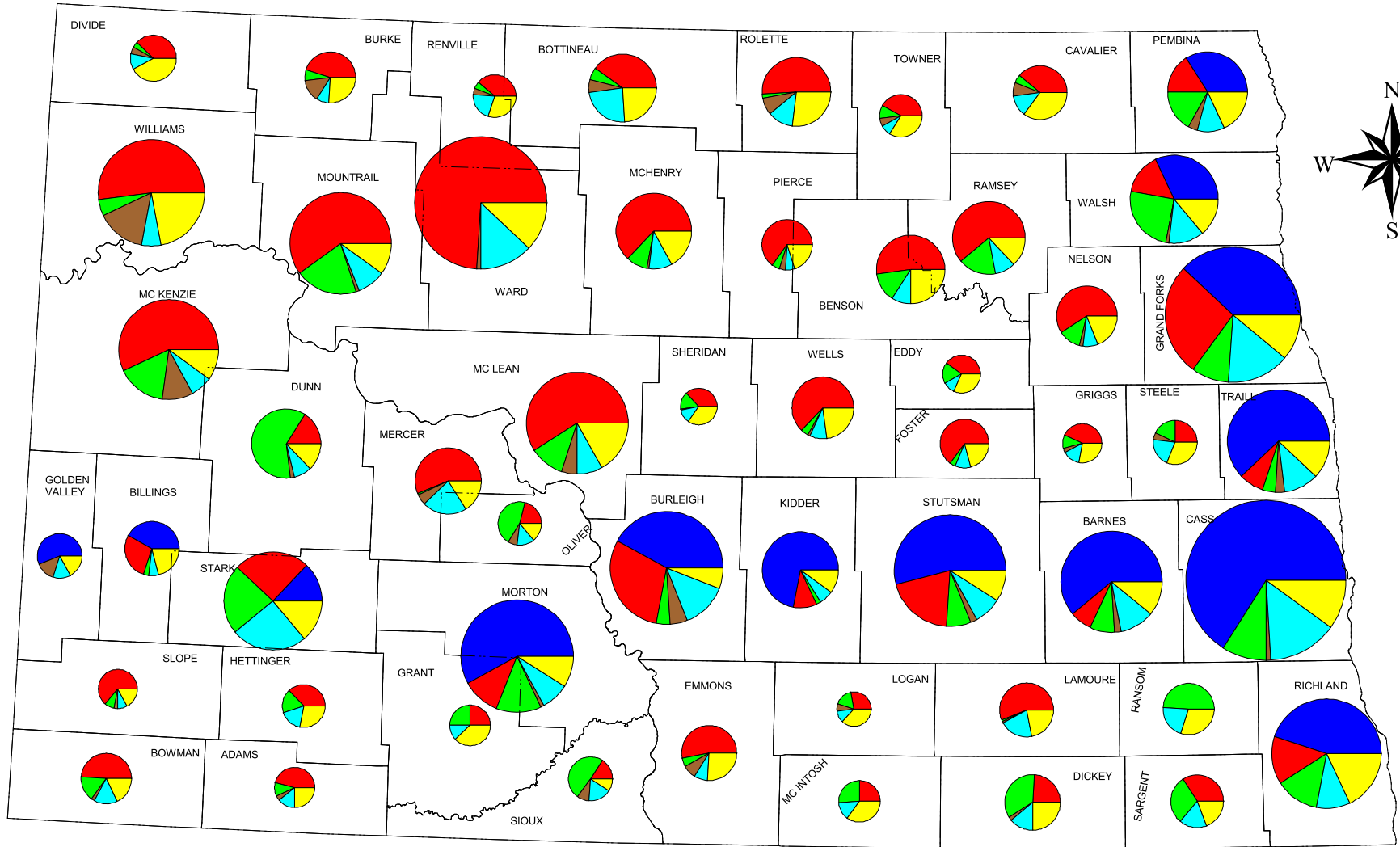


## 2010 ANNUAL VEHICLE MILES OF TRAVEL BY COUNTY

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

COUNTY	RURAL	URBAN	COUNTY TOTAL	PERCENT OF STATE TRAVEL
ADAMS	32,073		32,073	0.39%
BARNES	203,874	41,695	245,569	2.96%
BENSON	96,110		96,110	1.16%
BILLINGS	60,011		60,011	0.72%
BOTTINEAU	93,963		93,963	1.13%
BOWMAN	51,729		51,729	0.62%
BURKE	52,705		52,705	0.63%
BURLEIGH	250,134	362,782	612,916	7.38%
CASS	478,014	926,567	1,404,582	16.92%
CAVALIER	59,334		59,334	0.71%
DICKEY	63,141		63,141	0.76%
DIVIDE	42,523		42,523	0.51%
DUNN	97,959		97,959	1.18%
EDDY	28,081		28,081	0.34%
EMMONS	61,913		61,913	0.75%
FOSTER	48,213		48,213	0.58%
GOLDEN VALLEY	40,110		40,110	0.48%
GRAND FORKS	351,196	256,483	607,678	7.32%
GRANT	32,769		32,769	0.39%
GRIGGS	30,353		30,353	0.37%
HETTINGER	36,643		36,643	0.44%
KIDDER	117,885		117,885	1.42%
LAMOURE	59,306		59,306	0.71%
LOGAN	22,558		22,558	0.27%
MC HENRY	116,299		116,299	1.40%
MC INTOSH	34,193		34,193	0.41%
MC KENZIE	198,655		198,655	2.39%
MC LEAN	205,912		205,912	2.48%
MERCER	89,197		89,197	1.07%
MORTON	248,683	129,708	378,391	4.56%
MOUNTRAIL	204,514		204,514	2.46%
NELSON	75,168		75,168	0.91%
OLIVER	37,535		37,535	0.45%
PEMBINA	129,159		129,159	1.56%
PIERCE	51,543		51,543	0.62%
RAMSEY	107,999	38,815	146,813	1.77%
RANSOM	53,596		53,596	0.65%
RENVILLE	36,481		36,481	0.44%
RICHLAND	235,879	34,325	270,205	3.25%
ROLETTE	96,572		96,572	1.16%
SARGENT	56,502		56,502	0.68%
SHERIDAN	26,149		26,149	0.31%
SIOUX	39,056		39,056	0.47%
SLOPE	30,236		30,236	0.36%
STARK	192,015	100,710	292,725	3.53%
STEELE	38,906		38,906	0.47%
STUTSMAN	244,824	77,704	322,528	3.88%
TOWNER	36,086		36,086	0.43%
TRAILL	207,707		207,707	2.50%
WALSH	156,372	13,864	170,235	2.05%
WARD	336,837	246,559	583,396	7.03%
WELLS	78,050		78,050	0.94%
WILLIAMS	223,663	74,973	298,636	3.60%
<b>TOTAL</b>	<b>5,998,383</b>	<b>2,304,184</b>	<b>8,302,566</b>	<b>100.00%</b>

# 2010 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASSIFICATION



(44)

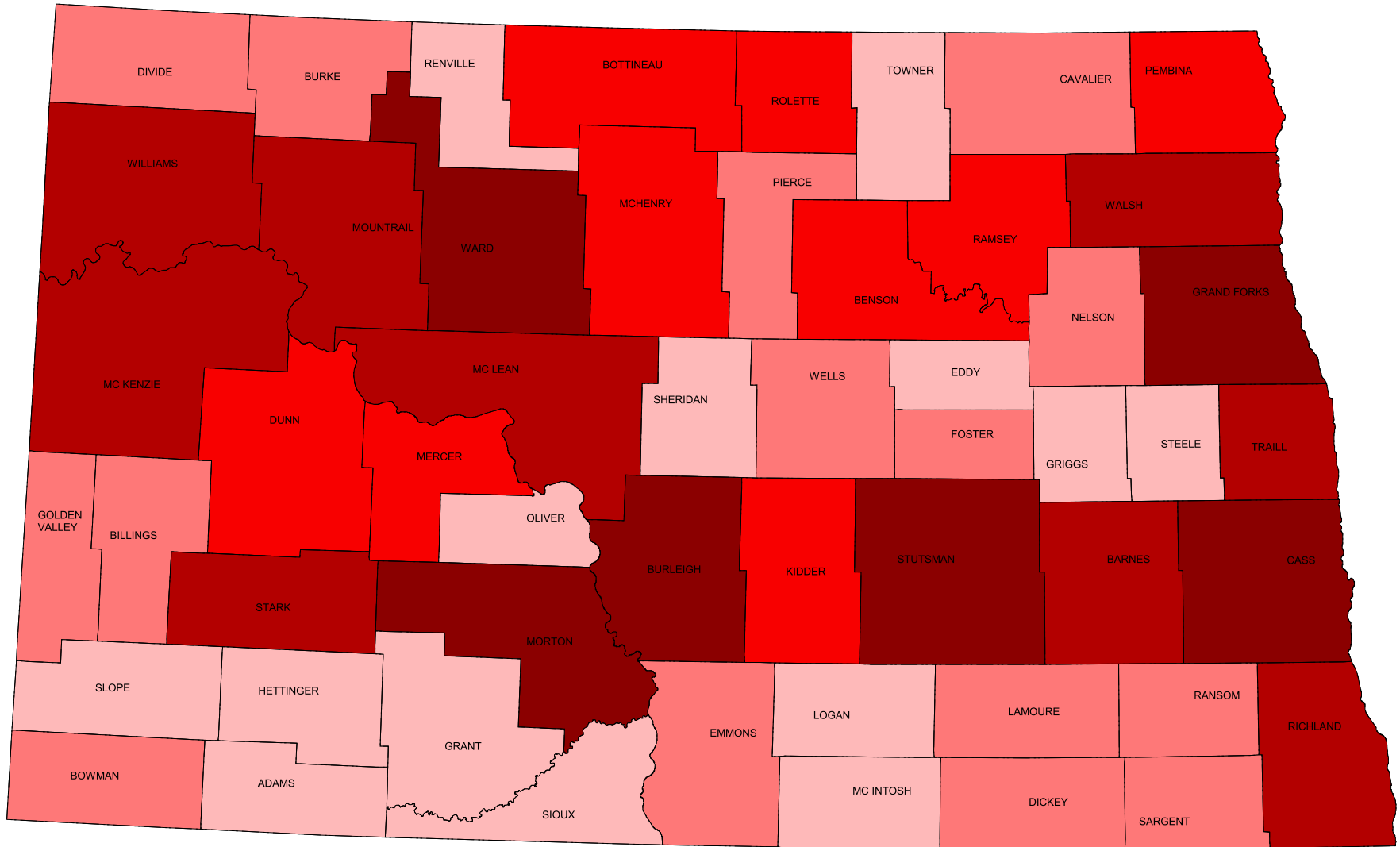
## Vehicle Miles of Travel

- Interstate
- Principal Arterial
- Minor Arterial
- State Major Collector
- County Major Collector
- Local Roads

NOTES: - Data from page 42 of this report.  
 - Vehicle miles of travel shown in thousands.  
 - The size of the circle corresponds to total VMT by county.

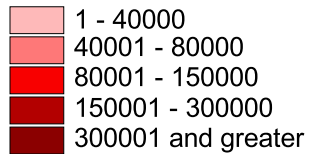
Planning & Asset Management Division  
 Transportation Data  
 December 2010

# 2010 TOTAL ANNUAL VEHICLE MILES OF TRAVEL

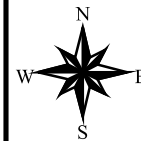


(45)

## Vehicle Miles of Travel



NOTES: - Data from page 43 of this report.  
 - Vehicle miles of travel shown in thousands.



Planning & Asset Management Division  
 Transportation Data  
 December 2010

## Daily Truck VMT for Statewide

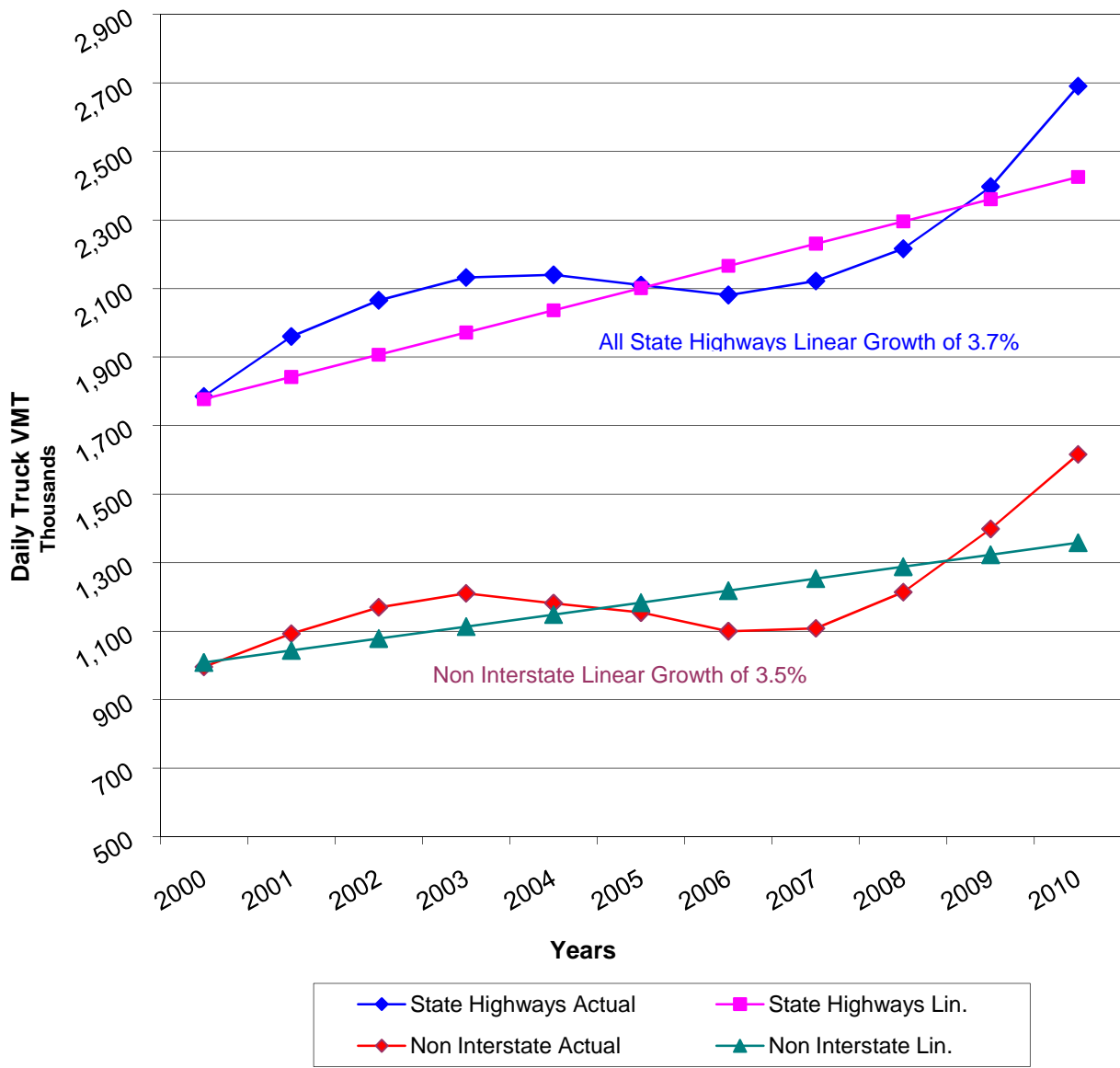
### All State Highways

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1995	10,193,061	1,348,124	1,452,934	13.23%	9.23%
1996	10,705,880	1,543,728	1,517,768	14.42%	10.42%
1997	11,300,983	1,611,725	1,582,603	14.26%	10.26%
1998	12,318,386	1,685,090	1,647,438	13.68%	9.68%
1999	12,280,850	1,734,787	1,712,272	14.13%	10.13%
2000	12,161,423	1,784,956	1,777,107	14.68%	10.68%
2001	12,069,946	1,959,965	1,841,942	16.24%	12.24%
2002	12,372,609	2,065,392	1,906,776	16.69%	12.69%
2003	12,584,059	2,132,255	1,971,611	16.94%	12.94%
2004	12,834,849	2,139,703	2,036,446	16.67%	12.67%
2005	12,843,726	2,109,678	2,101,281	16.43%	12.43%
2006	12,864,635	2,081,109	2,166,115	16.18%	12.18%
2007	13,143,830	2,121,611	2,230,950	16.14%	12.14%
2008	13,070,318	2,216,080	2,295,785	16.96%	12.96%
2009	13,924,765	2,397,242	2,360,619	17.22%	13.22%
2010	14,820,481	2,690,766	2,425,454	18.16%	14.16%
2025			3,397,975		

### Non Interstate Highways

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1995	6,603,919	780,634	833,704	11.82%	8.82%
1996	6,934,651	870,869	868,678	12.56%	9.56%
1997	7,415,950	911,149	903,651	12.29%	9.29%
1998	8,278,749	968,340	938,625	11.70%	8.70%
1999	8,221,039	992,840	973,599	12.08%	9.08%
2000	7,987,867	995,695	1,008,572	12.47%	9.47%
2001	7,872,873	1,092,789	1,043,546	13.88%	10.88%
2002	7,998,087	1,169,617	1,078,519	14.62%	11.62%
2003	8,063,953	1,210,348	1,113,493	15.01%	12.01%
2004	8,106,756	1,181,721	1,148,466	14.58%	11.58%
2005	8,161,190	1,154,376	1,183,440	14.14%	11.14%
2006	8,177,826	1,100,032	1,218,414	13.45%	10.45%
2007	8,131,192	1,108,160	1,253,387	13.63%	10.63%
2008	8,242,828	1,213,812	1,288,361	14.73%	11.73%
2009	8,831,321	1,398,467	1,323,334	15.84%	12.84%
2010	9,480,532	1,616,106	1,358,308	17.05%	14.05%
2025			1,882,912		

### Daily Truck VMT for Statewide



## Daily Truck VMT for Interstate

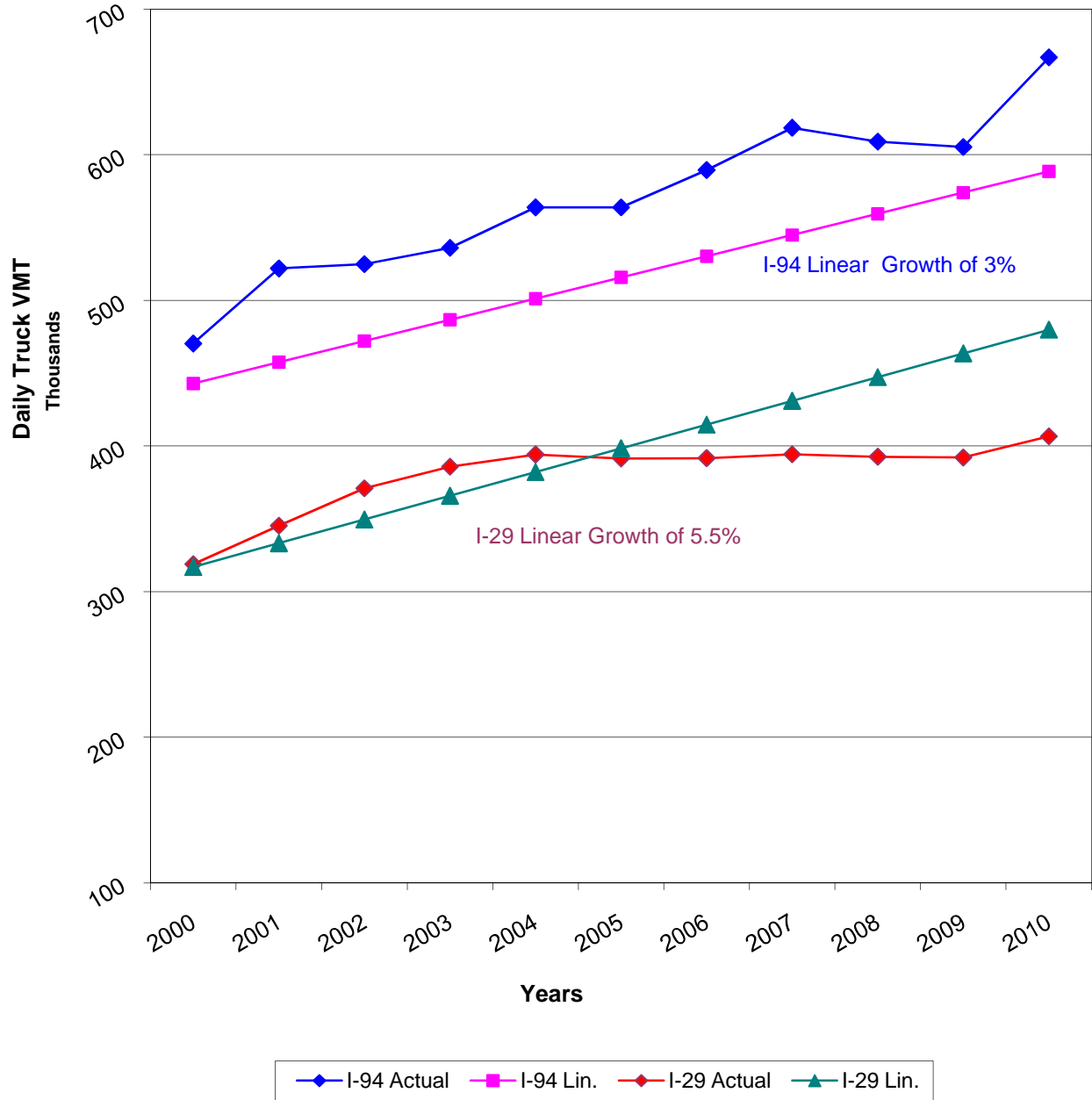
### I - 94

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1995	2,228,543	364,708	384,706	16.37%	12.37%
1996	2,299,132	402,978	399,265	17.53%	13.53%
1997	2,375,641	416,695	413,823	17.54%	13.54%
1998	2,509,630	422,330	428,381	16.83%	12.83%
1999	2,433,087	446,754	442,940	18.36%	14.36%
2000	2,556,535	470,392	457,498	18.40%	14.40%
2001	2,526,691	521,943	472,057	20.66%	16.66%
2002	2,635,093	524,858	486,615	19.92%	15.92%
2003	2,692,975	536,105	501,174	19.91%	15.91%
2004	2,860,897	563,806	515,732	19.71%	15.71%
2005	2,821,424	563,819	530,291	19.98%	15.98%
2006	2,798,960	589,420	544,849	21.06%	17.06%
2007	3,017,981	618,409	559,407	20.49%	16.49%
2008	2,850,232	608,886	573,966	21.36%	17.36%
2009	3,023,712	605,289	588,524	20.02%	16.02%
2010	3,234,497	666,693	603,083	20.61%	16.61%
2025			821,460		

### I - 29

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1995	1,339,467	201,894	235,614	15.07%	12.07%
1996	1,450,917	268,501	251,893	18.51%	15.51%
1997	1,509,392	283,881	268,172	18.81%	15.81%
1998	1,530,007	294,420	284,451	19.24%	16.24%
1999	1,626,724	295,193	300,730	18.15%	15.15%
2000	1,617,021	318,869	317,009	19.72%	16.72%
2001	1,670,382	345,233	333,288	20.67%	17.67%
2002	1,739,429	370,917	349,567	21.32%	18.32%
2003	1,827,132	385,802	365,846	21.12%	18.12%
2004	1,867,196	394,176	382,125	21.11%	18.11%
2005	1,861,112	391,483	398,404	21.03%	18.03%
2006	1,887,849	391,657	414,683	20.75%	17.75%
2007	1,972,376	394,295	430,962	19.99%	16.99%
2008	1,954,977	392,635	447,241	20.08%	17.08%
2009	2,048,101	392,097	463,520	19.14%	16.14%
2010	2,083,822	406,578	479,799	19.51%	16.51%
2025			723,985		

### Daily Truck VMT for Interstate

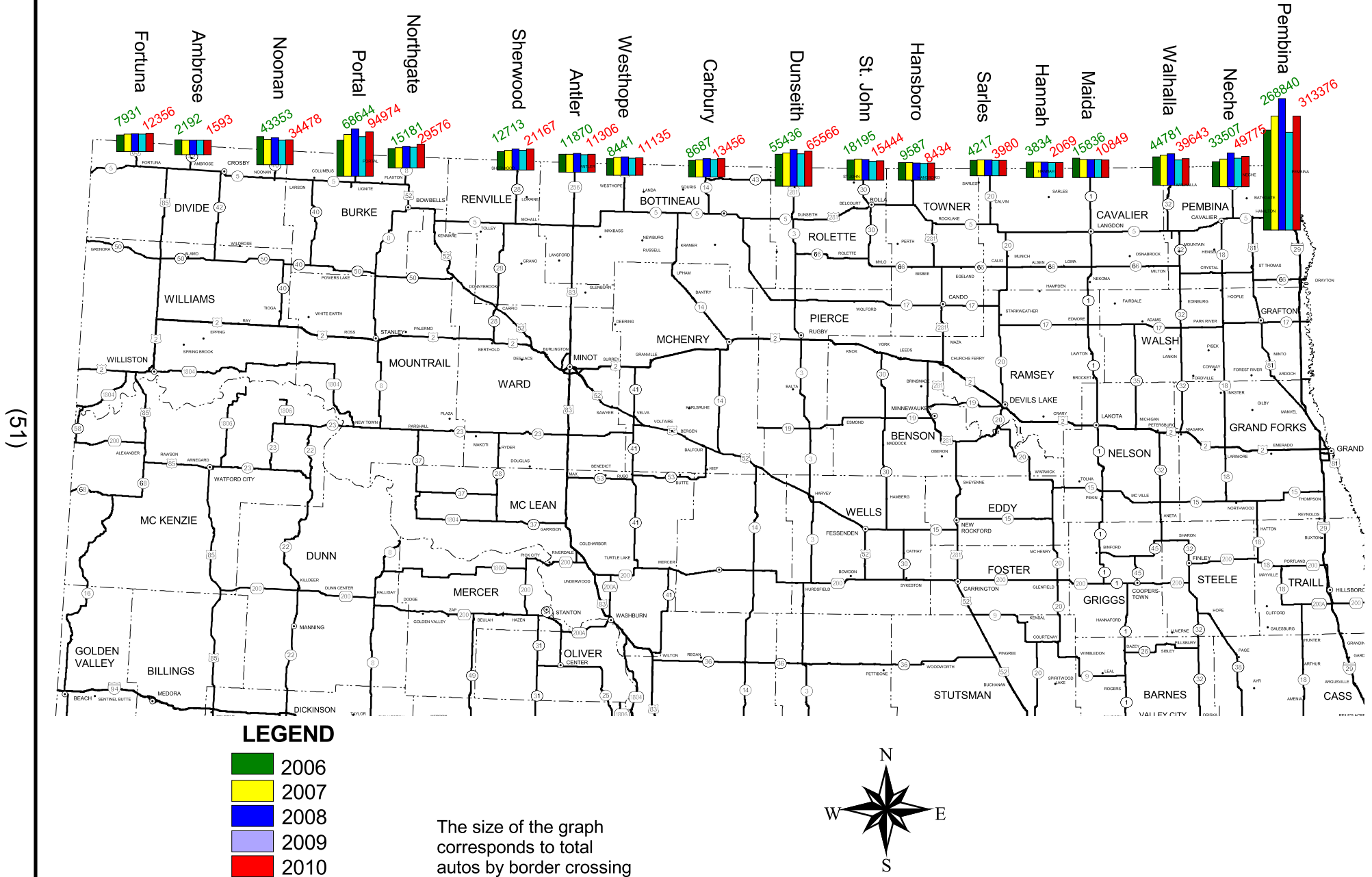


**BORDER CROSSINGS**  
(VEHICLES ENTERING THE UNITED STATES FROM CANADA)

PORT OF ENTRY	HWY	AUTOMOBILES			TRUCKS		
		FISCAL 2009	FISCAL 2010	% CHANGE	FISCAL 2009	FISCAL 2010	% CHANGE
FORTUNA	85	10,479	12,356	17.91%	2,804	1,787	-36.27%
AMBROSE	42	1,382	1,593	15.27%	267	237	-11.24%
NOONAN	40	32,371	34,478	6.51%	5,102	6,011	17.82%
PORTAL	52	80,249	94,974	18.35%	71,287	80,826	13.38%
NORTHGATE	8	19,685	29,576	50.25%	16,407	21,285	29.73%
SHERWOOD	28	17,072	21,167	23.99%	7,083	4,701	-33.63%
ANTLER	256	10,136	11,306	11.54%	1,101	766	-30.43%
WESTHOPE	83	9,501	11,135	17.20%	7,017	6,237	-11.12%
CARBURY	14	11,096	13,456	21.27%	565	555	-1.77%
DUNSEITH	281	56,943	65,566	15.14%	23,668	26,706	12.84%
ST. JOHN	30	14,369	15,444	7.48%	1,642	1,821	10.90%
HANSBORO	4	7,621	8,434	10.67%	1,255	1,585	26.29%
SARLES	20	4,309	3,980	-7.64%	1,172	1,139	-2.82%
HANNAH	CMC 1013	2,067	2,069	0.10%	46	47	2.17%
MAIDA	1	12,196	10,849	-11.04%	1,126	1,548	37.48%
WALHALLA	32	35,749	39,643	10.89%	13,654	14,122	3.43%
NECHE	18	43,940	49,775	13.28%	14,131	13,512	-4.38%
PEMBINA	I-29	262,344	313,376	19.45%	194,115	199,440	2.74%
<b>TOTAL</b>		<b>631,509</b>	<b>739,177</b>	<b>17.05%</b>	<b>362,442</b>	<b>382,325</b>	<b>5.49%</b>



# Total Auto Volume Entering from Canada

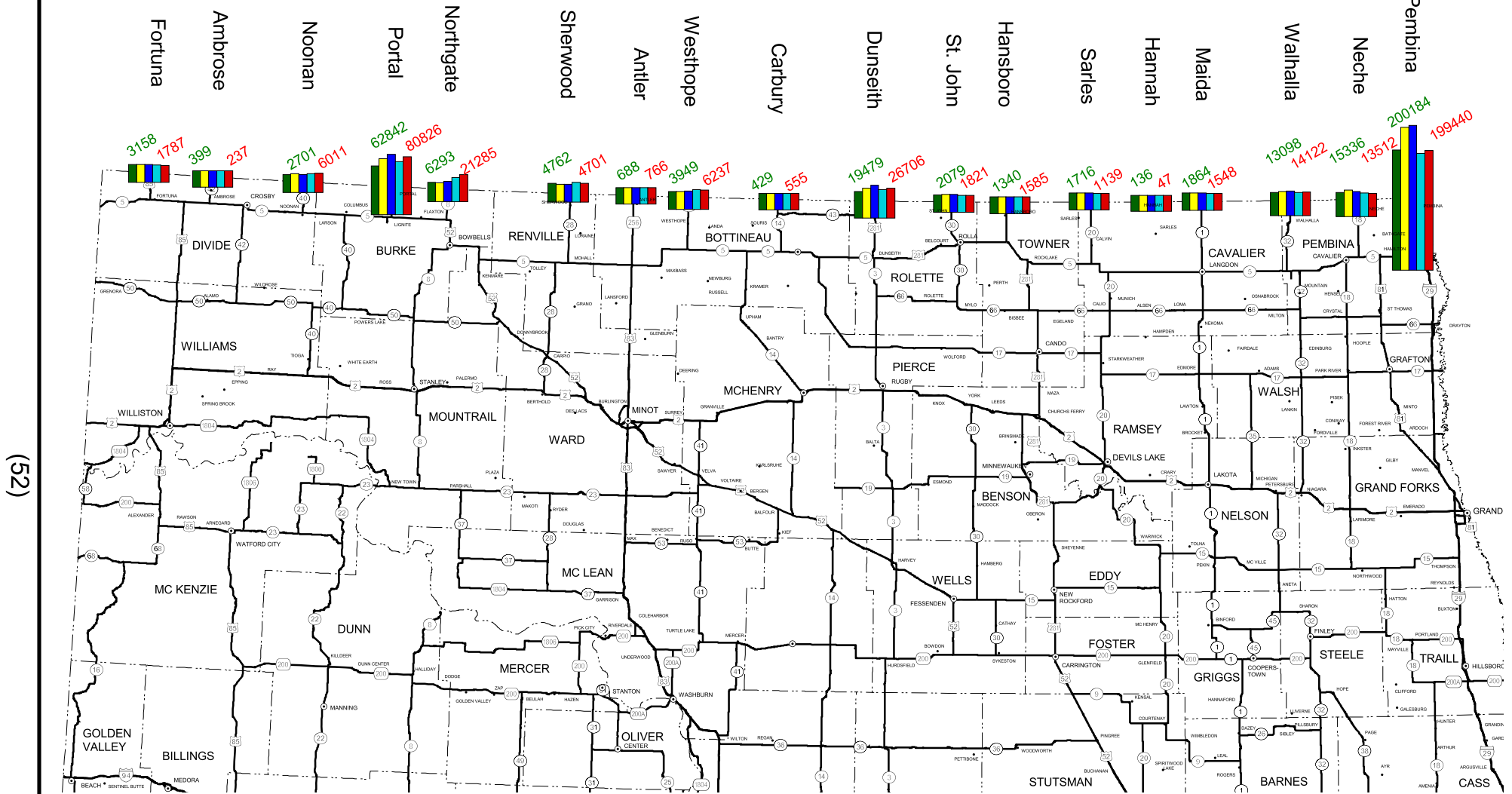


Based on data from the U.S. Department of Homeland Security  
 The reporting period was for the 2010 fiscal year which ran from Oct. 1, 2009 to Sept. 30, 2010.

Planning & Asset management Division - Transportation Data  
 December 2010

File pathway: F:\Planning\Arcview.apr\robshj\Annual report\auto\_b.apr

# Total Truck Volume Entering from Canada

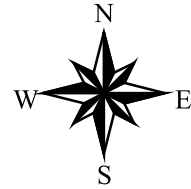


(52)

## LEGEND

- 2006
- 2007
- 2008
- 2009
- 2010

The size of the graph corresponds to total trucks by border crossing



Based on data from the U.S. Department of Homeland Security. The reporting period was for the 2010 fiscal year which ran from Oct. 1, 2009 to Sept. 30, 2010.

Planning & Asset Management Division - Roadway Data  
December 2010

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