

# NORTH DAKOTA 2014 TRAFFIC REPORT



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

**February 2015**

# **NORTH DAKOTA 2014 TRAFFIC REPORT**

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

**DIRECTOR  
Grant Levi, P. E.**

**PLANNING AND ASSET MANAGEMENT DIVISION  
Scott D. Zainhofsky, P. E., Director**

**February 2015**

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## OVERVIEW

This report contains summaries of data obtained from studies conducted in 2014 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 8 and 9. The counter locations are shown on the map on page 10.
2. Short-term (48-hour) traffic counts obtained with portable equipment. Short-term counts were obtained at approximately 4500 locations on various highways, roads, and streets over the western third and the middle third of the state.
3. Weigh-In-Motion (WIM) sensors were installed at 13 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) 328-3458.

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#>

If you want to see all the counts done in the state for the past several years, click the link for "**Interactive Transportation Information Map**".

## 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	10,497	12,337	8,303
2011	684	808	0.85	709	118.13	11,344	13,401	9,166
2012	700	846	0.83	812	120.86	11,930	14,419	10,093
2013	723	870	0.83	824	120.33	11,609	13,970	10,100
2014	739	899	0.82	879	121.65	11,610	14,123	10,437

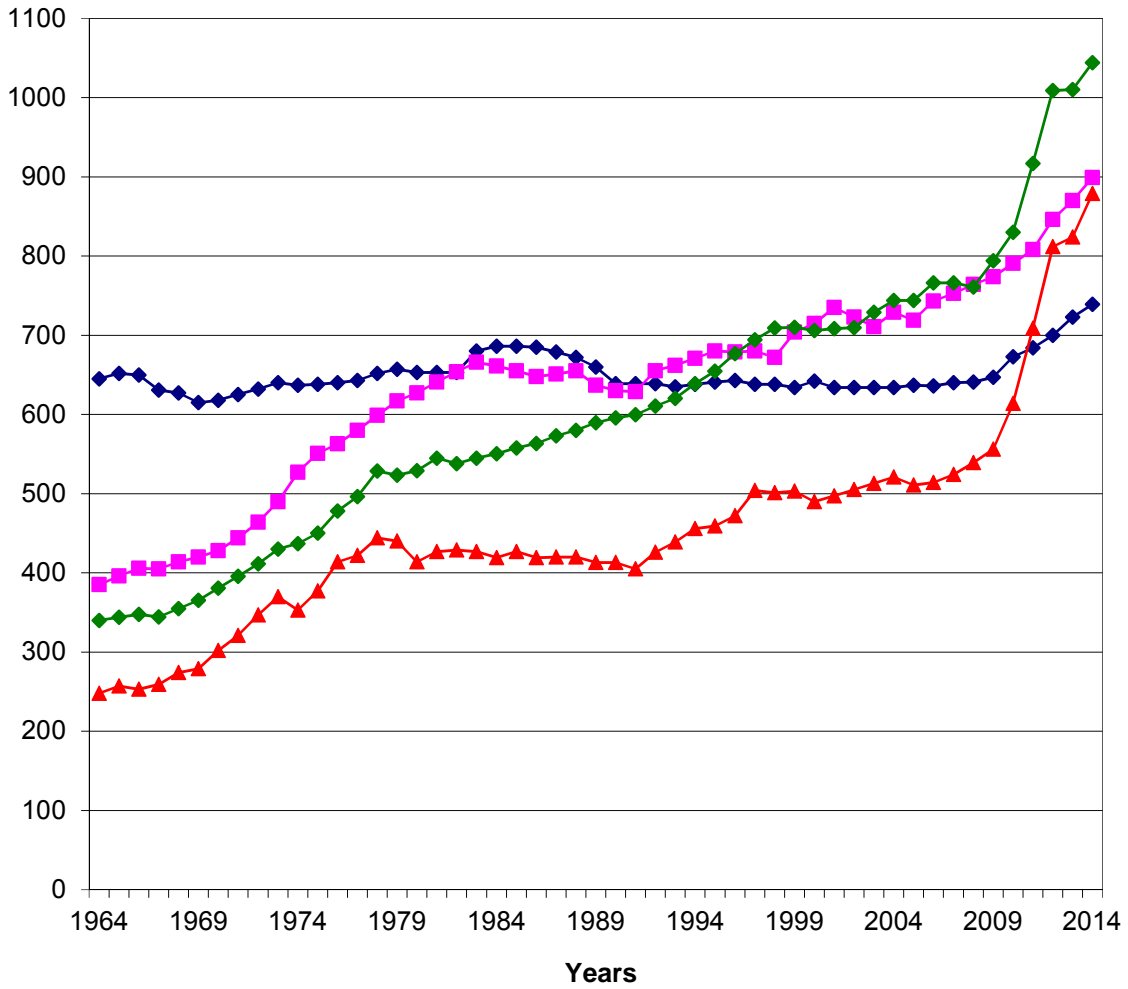
FUEL TAXED INCLUDES GALLONS OF GAS FOR OTHER THAN MOTOR VEHICLES

Annual Vehicle Miles figures are for all roads in the state including trails and unimproved roads

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

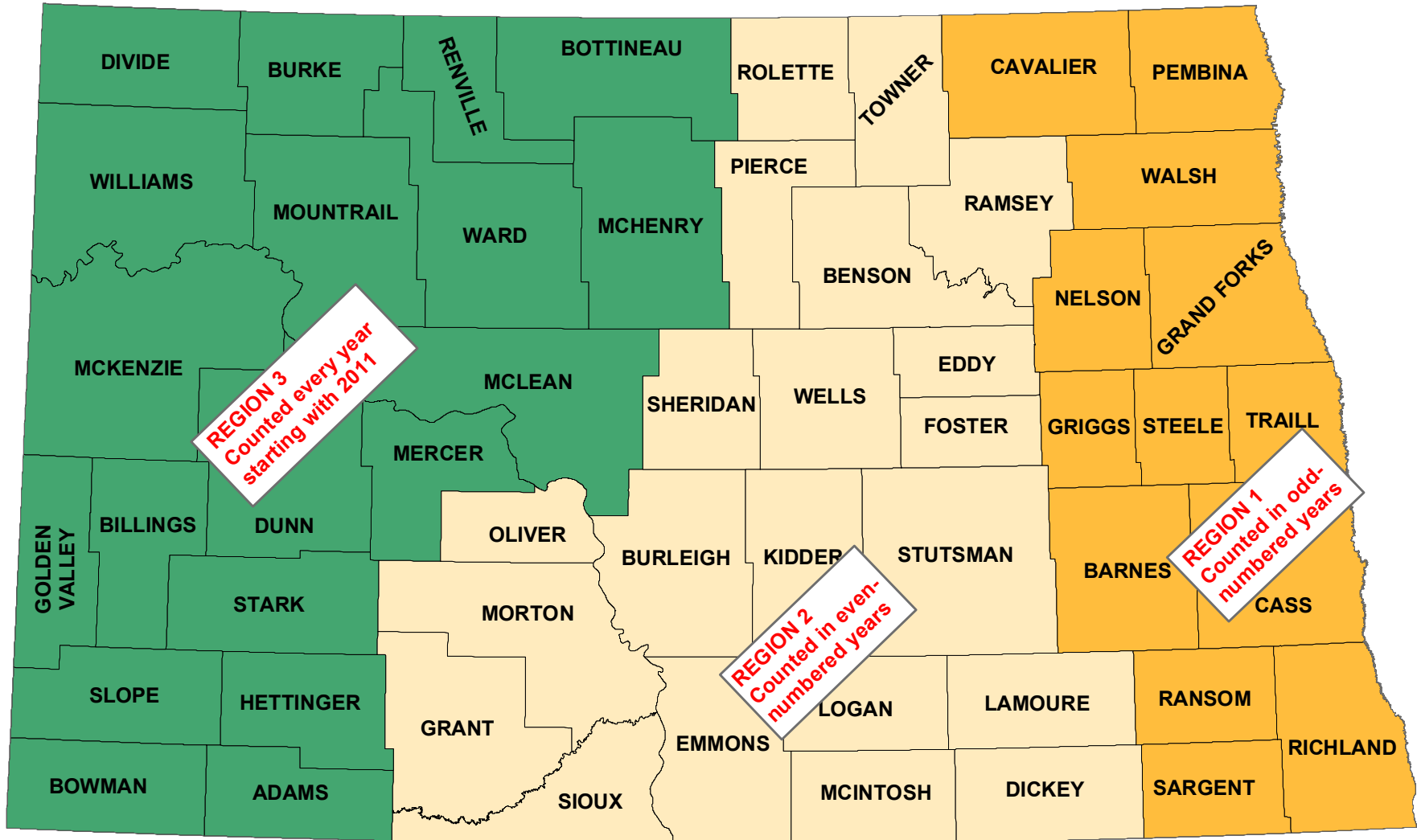
For the Years 1964 - 2014





# North Dakota Department of Transportation Current Traffic Counting Cycle

Region 3 is counted every year whereas the other two regions are only counted every two years.  
We started counting two regions per year in 2012.



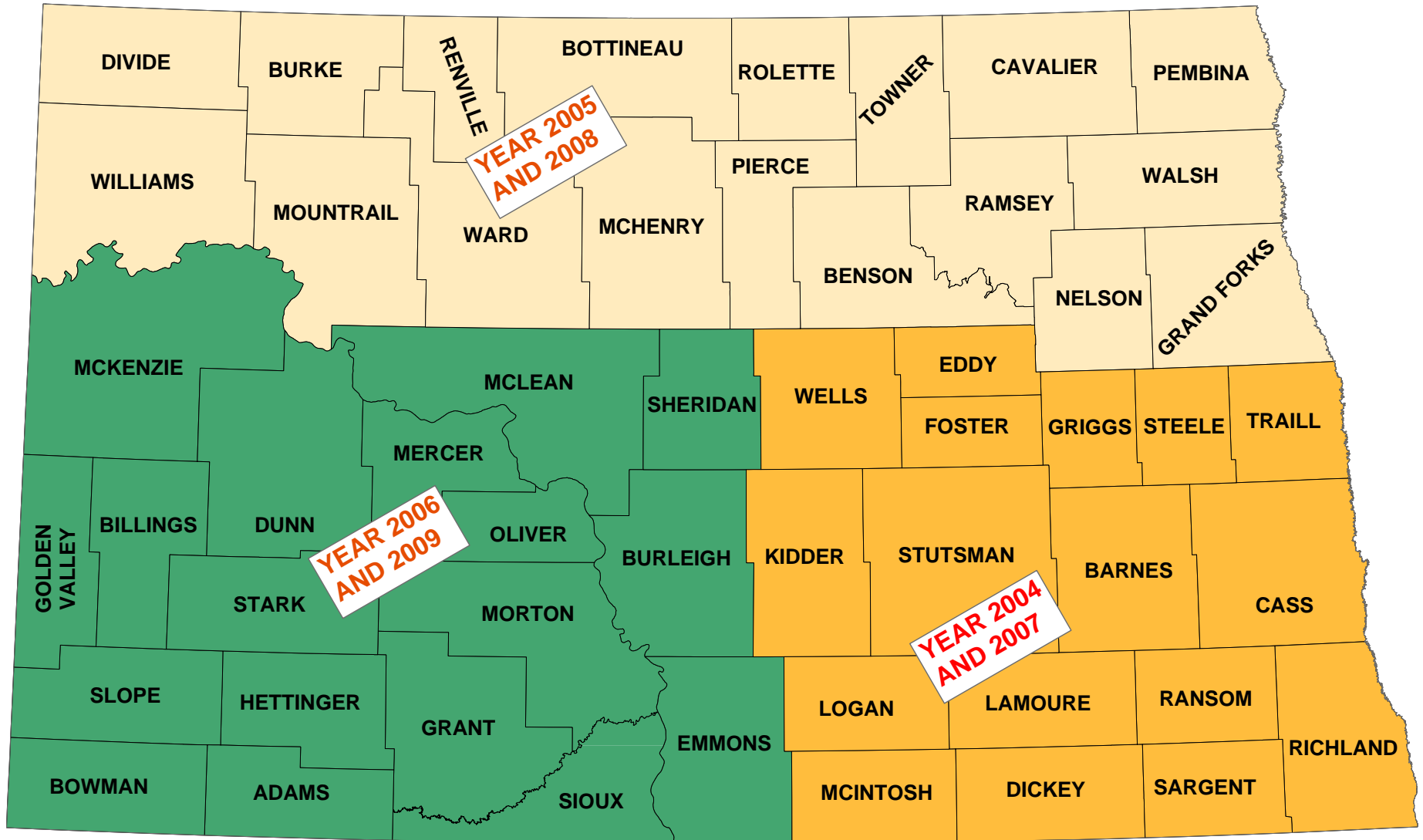
**REGION 3**  
Counted every year  
starting with 2011

**REGION 2**  
Counted in even-  
numbered years

**REGION 1**  
Counted in odd-  
numbered years

(5)

# North Dakota Department of Transportation Traffic Counting Cycle Prior to 2010



(9)

Planning & Asset Management Division  
Traffic Data Section  
City Traffic Counts

<b>CITY</b>	<b>YEAR COUNTED</b>	<b>YEAR TO COUNT</b>
Fargo	2013	2015
West Fargo	2013	2015
Wahpeton	2013	2015
Valley City	2013	2015
Grand Forks	2013	2015
Minot	2014	2015
Dickinson	2014	2015
Williston	2014	2015
Bismarck	2014	2016
Mandan	2014	2016
Devils Lake	2014	2016
Jamestown	2014	2016

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
ATR LOCATIONS**

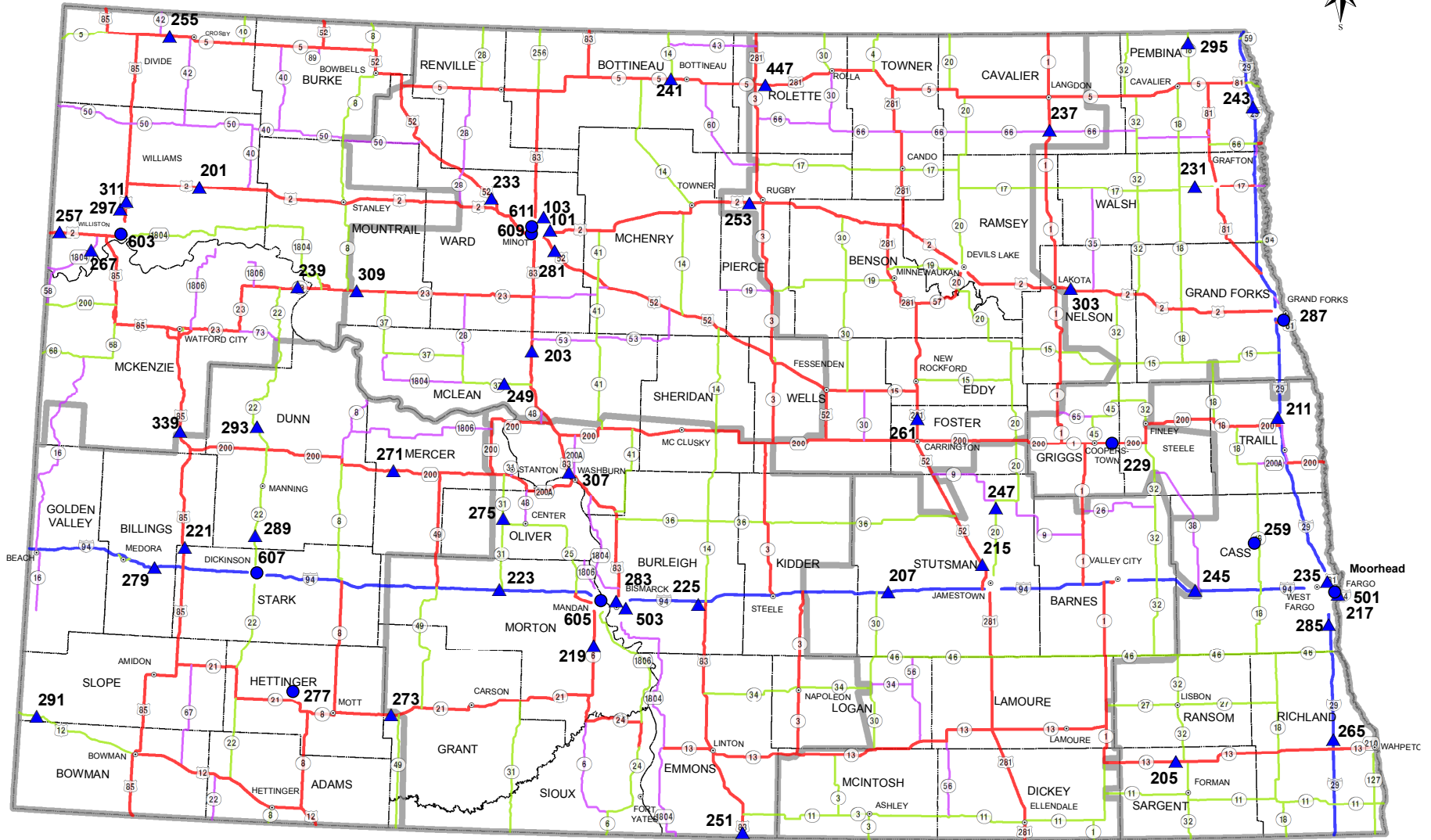
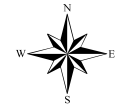
WIM locations are highlighted yellow

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	1
217	FARGO (U)	94	352.000	0.3327	Class	RED RIVER BRIDGE	1
283	BISMARCK (U)	94	158.000	0.8538	Class	0.4 MILES WEST OF US 83 INT.	1
<b>RURAL INTERSTATE 94</b>							
1	BELFIELD	94	34.000	0.7000	Weight	I-94 EB ONLY - 7 MILES WEST OF BELFIELD	1
207	MEDINA	94	231.000	0.2923	Class	0.9 MILES EAST OF MEDINA	1
223	NEW SALEM	94	126.000	0.8803	Class	0.8 MILES WEST OF ND 31 INT.	1
245	TOWER CITY	94	312.000	0.5100	Class	2.3 MILES WEST OF BUFFALO INT.	1
279	PAINTED CANYON	94	34.000	0.6637	Class	7.8 MILES WEST OF US 85 INT.	1
<b>URBAN INTERSTATE 29</b>							
235	FARGO (U)	29	66.255	0.5725	Class	NORTH OF 12TH AVE.	1
<b>RURAL INTERSTATE 29</b>							
4	WAHPETON	29	18.000	0.0000	Weight	HWY 29 - SOUTH OF THE MOORETON SCALE	1
6	JOLIETTE	29	207.000	0.8700	Weight	I-29 NORTH OF JOLIETTE STATIC SCALE	1
211	BUXTON	29	112.000	0.8614	Class	4.0 MILES NORTH OF MAYVILLE INT.	1
243	BOWESMONT	29	196.014	0.5726	Class	0.5 MILES NORTH OF BOWESMONT	1
265	MOORETON	29	25.000	0.0149	Class	2.5 MILES NORTH OF ND 13	1
285	DAVENPORT	29	55.000	0.4798	Class	1.3 MILES NORTH OF DAVENPORT INT	1
<b>RURAL PRINCIPAL ARTERIAL</b>							
2	BOWMAN	85	12.000	0.2000	Weight	HWY 85 - 4 MILES SOUTH OF BOWMAN	2
3	ELLENDALE	281	1.000	0.9000	Weight	HWY 281 - 2 MILES SOUTH OF ELLENDALE	2
5	WILLISTON	2	13.000	0.4400	Weight	HWY 2 - WEST OF WILLISTON STATIC SCALE	2
8	PORTAL	52	3.000	0.3700	Weight	HWY 52 EB LANE ONLY - SOUTH OF PORTAL	2
9	WASHBURN	83	120.000	0.6600	Weight	US 83 NB/SB 6 MILES SOUTH OF WASHBURN	2
10	DEVILS LAKE	2	263.000	0.5000	Weight	HWY 2 EB ONLY - WEST OF DEVILS LAKE	2
11	WATFORD CITY	85	139.000	0.5600	Weight	HWY 85 NB/SB - SOUTH OF WATFORD CITY	2
12	BUCHANAN	52	248.000	0.6100	Weight	HWY 52 EB/WB LANES - NORTH OF BUCHANAN	2
13	LANGDON	5	288.000	0.9950	Weight	10 MILES EAST OF LANGDON	2
201	RAY	2	51.000	0.2986	Class	2.1 MILES WEST OF RAY	2
203	MAX	83	168.000	0.7000	Class	3.3 MILES SOUTH OF ND 53	2
205	GWINNER	13	337.000	0.2241	Class	2.1 MILES WEST OF ND 32	3
215	JAMESTOWN	52	259.000	0.5408	Class	2.5 MILES NORTH OF JAMESTOWN	2
219	MANDAN	6	55.000	0.8718	Class	11.0 MILES SOUTH OF MANDAN	3
221	FAIRFIELD	85	80.000	0.8850	Class	5.1 MILES NORTH OF I-94	2
229	COOPERSTOWN	200	345.000	0.2602	Volume	4.0 MILES EAST OF COOPERSTOWN	3
233	FOXHOLM	52	78.000	0.1994	Class	1.5 MILES SOUTHEAST OF FOXHOLM	2
237	NEKOMA	1	205.000	0.2195	Class	8.5 MILES SOUTH LANGDON	3
239	NEW TOWN	23	42.000	0.8986	Class	4.7 MILES EAST OF ND 22	3
241	BOTTINEAU	5	173.000	0.9523	Class	0.2 MILES WEST OF ND 14	3
251	HAGUE	83	1.000	0.1144	Class	1.1 MILES NORTH OF SOUTH DAKOTA LINE	2
253	RUGBY	2	207.000	0.3265	Class	3.5 MILES WEST OF ND 3	2
255	CROSBY	5	28.000	0.7521	Class	6.0 MILES WEST OF CROSBY	3
257	WILLISTON	2	2.000	0.3979	Class	2.4 MILES EAST OF MONTANA LINE	2
261	CARRINGTON	281	117.000	0.9013	Class	5.5 MILES NORTH OF JUNCTION WITH HWY 200	2
271	GOLDEN VALLEY	200	131.000	0.0000	Class	0.7 MILES EAST OF GOLDEN VALLEY	3
273	NEW LEIPZIG	21	67.000	0.5922	Class	2.1 MILES WEST OF ND 49	3
281	SAWYER	52	102.000	0.7136	Class	WEST OF SAWYER	2
297	WILLISTON_NW	85	195.000	0.0000	Class	NW WILLISTON TEMP. TRUCK RELIEVER ROUTE	2
303	MICHIGAN	2	299.000	0.4553	Class	4.0 MILES EAST OF ND 1	2
307	WASHBURN	83	130.000	0.7300	Class	NORTH OF WASHBURN	2
309	NEWTOWN_EAST	23	58.000	0.7000	Class	8.4 MILES EAST OF NEW TOWN	3
311	WILLISTON_2N	2	27.000	0.6300	Class	5.2 MILES NORTH OF WILLISTON	2
339	GRASSY_BUTTE	85	113.000	0.7000	Class	1.3 MILES NORTH OF GRASSY BUTTE	2
447	DUNSEITH_E__	281	250.000	0.7200	Class	2.95 MILES EAST OF DUNSEITH	2

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
ATR LOCATIONS**

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION	
<b>RURAL MINOR ARTERIAL</b>							
231	GRAFTON	17	122.000	0.1293	Class	5.5 MILES WEST OF GRAFTON	3
247	COURTENAY	20	20.000	0.4196	Class	1.8 MILES SOUTH OF ND 9	3
249	GARRISON	37	54.000	0.9548	Class	1.0 MILES WEST OF GARRISON	3
275	HANNOVER	31	97.000	0.0758	Class	1.2 MILES NORTH OF HANNOVER	3
289	MANNING	22	81.000	0.5055	Class	SOUTH OF MANNING	3
291	MARMARTH	12	4.000	0.8670	Class	1.0 MILE WEST OF MARMARTH	2
293	KILLDEER	22	112.000	0.1350	Class	5.9 MILES NORTH OF KILLDEER	3
295	NECHE	18	239.000	0.3300	Class	1.2 MILES SOUTH OF NECHE	3
<b>RURAL MAJOR COLLECTOR-STATE</b>							
267	TRENTON	1804	329.000	0.8846	Class	1.5 MILES NORTHEAST OF TRENTON	3
<b>RURAL MAJOR COLLECTOR-COUNTY</b>							
101	MINOT55ST_NE	5145C	0.000	0.3000	Class	CMC 5145 - 0.3 MILES NORTH OF US2	5
103	MINOT46AV_NE	5138C	8.000	0.2000	Class	CMC 5138 - 2.1 MILES EAST OF US 83	5
225	STERLING	836C	14.000	0.2100	Class	CMC 0836 - 1.9 MILES WEST OF US 83	5
259	AYR				Volume	CMC 0918 - 12.0 MILES EAST OF AYR	5
277	REGENT				Volume	CMC 2117 - 2.0 MILES NORTH OF ND 21	5
<b>URBAN PRINCIPAL ARTERIAL</b>							
287	GRAND FORKS	81B	942.000	0.4092	Class	S. WASHINGTON BETWEEN 24 AND 28 AVE. S.	2
501	FARGO (U)	81B	925.000	0.3888	Volume	UNIVERSITY AVE. BET 15 AND 15 1/2 AVE.	2
503	BISMARCK (U)	810	5.000	0.5750	Class	BIS. EXPWY. SOUTH OF E. MAIN STREET	3
603	WILLISTON (U)	2B	900.000	0.6627	Volume	2ND ST. WEST OF 14TH AVE. WEST	2
605	MANDAN (U)	94B	917.043	0.0939	Volume	EAST MAIN ST. WEST OF TWIN CITY DRIVE	4
<b>URBAN MINOR ARTERIAL</b>							
607	DICKINSON (U)				Volume	9TH ST. EAST BET. 2ND AVE. & 3RD AVE. EAST	7
611	MINOT (U)				Volume	UNIVERSITY AVE. BET 12TH ST. & 13TH ST. NW.	7
<b>URBAN COLLECTOR AND LOCAL URBAN</b>							
609	MINOT (U)				Volume	16TH AVE BET. 12TH ST SW. & 17TH AVE. SW.	7

# Automatic Traffic Recorder (ATR) Locations



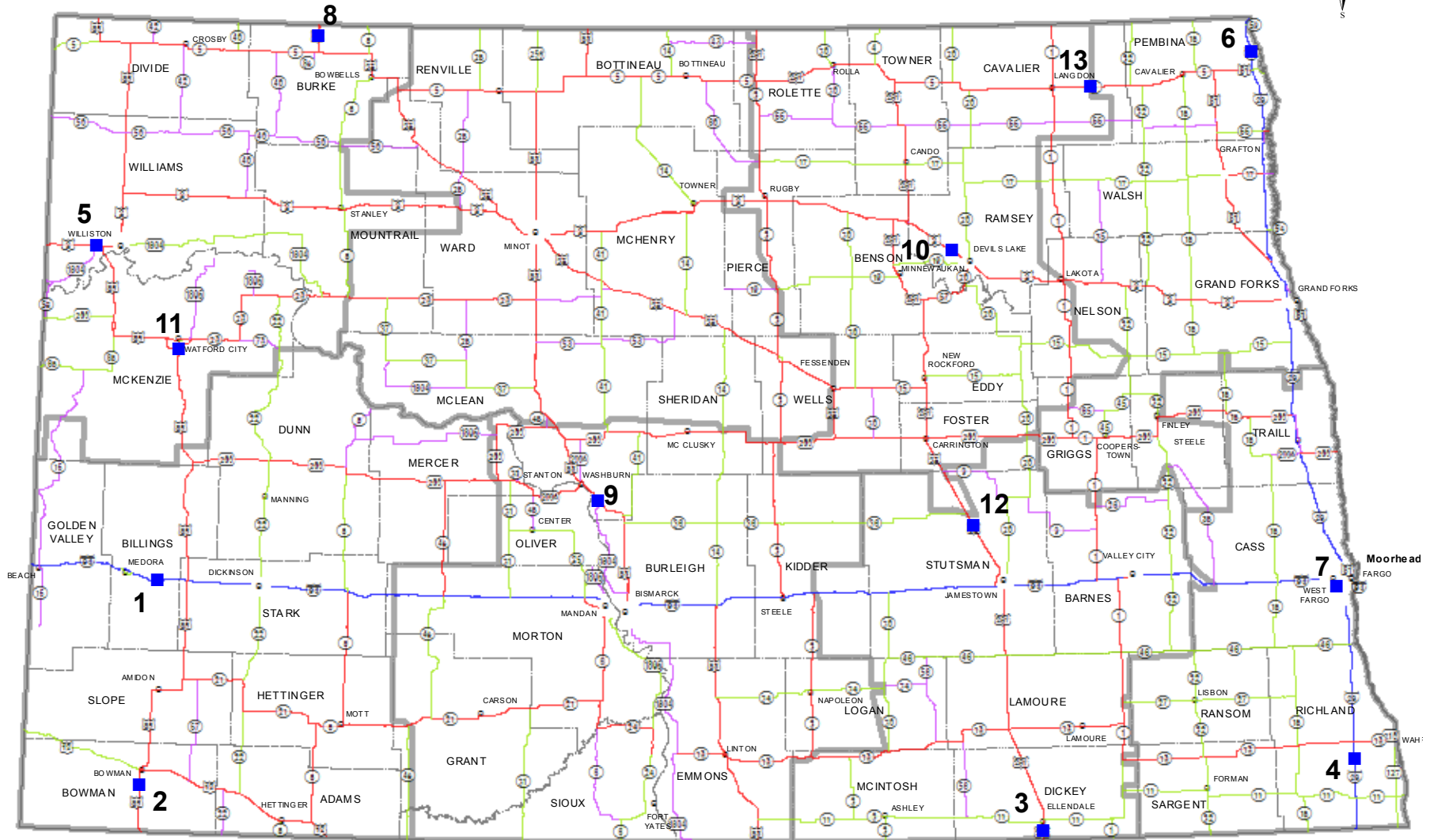
(10)

Station Type	Functional Class	Number of ATR Stations
▲ Class	Blue Interstate	8 Rural Interstate
● Volume	Red Principal Arterial Rural	26 Rural Principal Arterial
	Green Minor Arterial Rural	8 Rural Minor Arterial
	Purple Major Collector	6 Rural Major Collector
		3 Urban Interstate
		5 Urban Principal Arterial
		2 Urban Minor Arterial
		1 Urban Collector

Planning & Asset Management Division  
 Traffic Data Section  
 January 2014

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# Weigh - In - Motion Locations



(11)

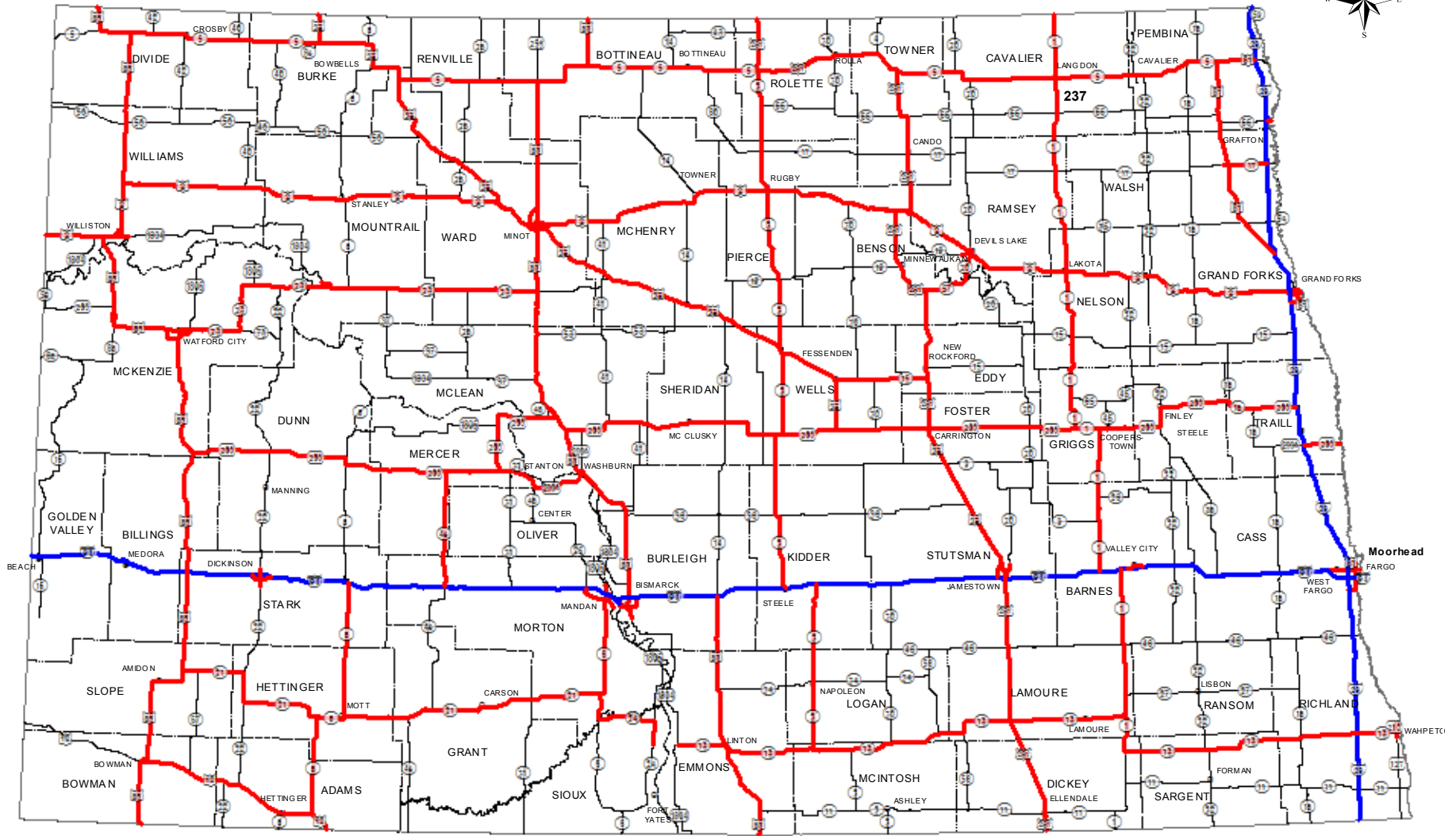
**■ WIM Sites**

- |               |                |                   |              |
|---------------|----------------|-------------------|--------------|
| 1 - Belfield  | 5 - Williston  | 9 - Washburn      | 13 - Langdon |
| 2 - Bowman    | 6 - Joliette   | 10 - Devils Lake  |              |
| 3 - Ellendale | 7 - West Fargo | 11 - Watford City |              |
| 4 - Wahpeton  | 8 - Portal     | 12 - Jamestown    |              |

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 Traffic Data Section  
 December 2014

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# National Highway System Mileage



(12)

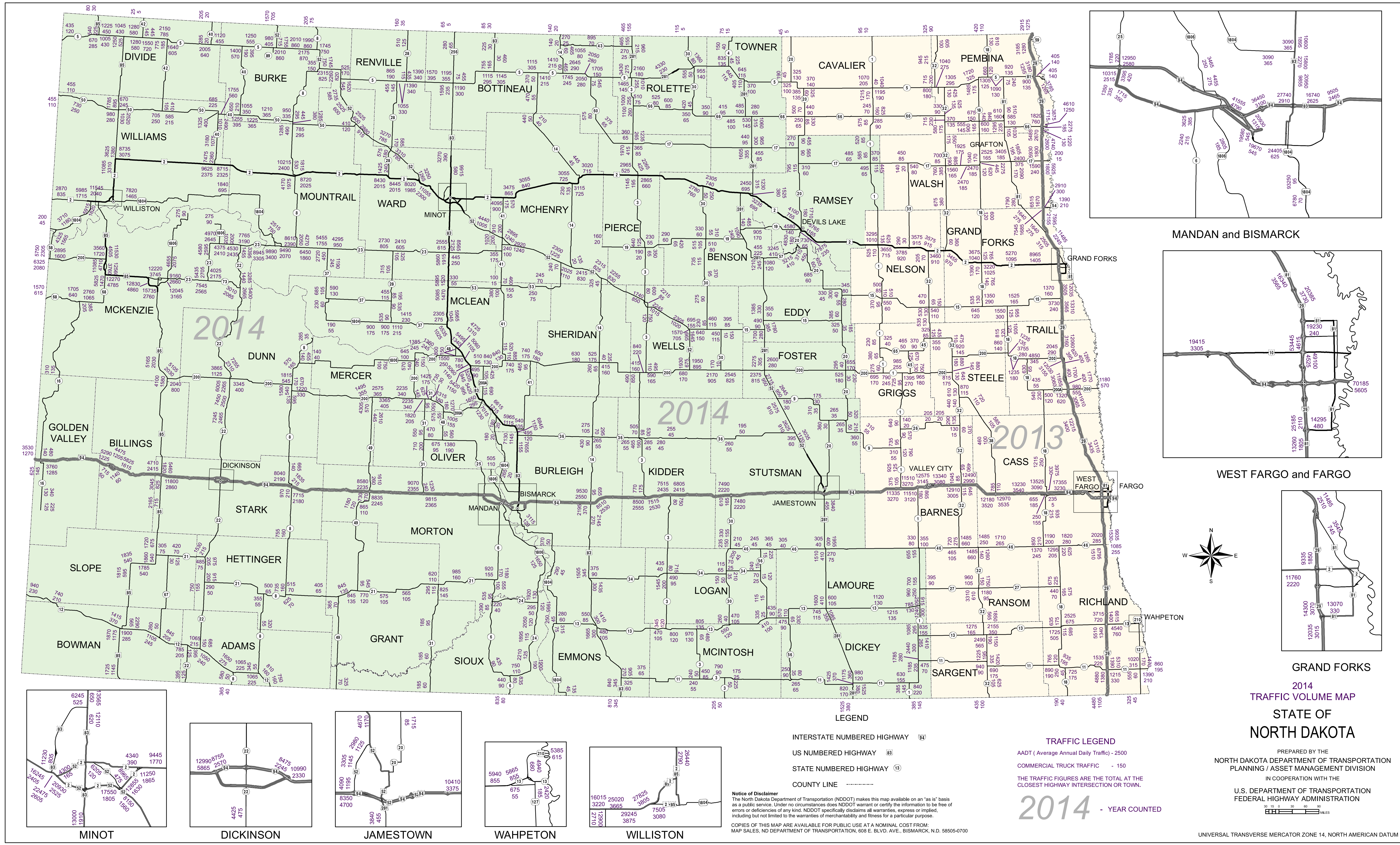
## NHS Mileage

	Interstate Rural	519.3
	Interstate Urban	51.7
	Total	571.0
	Principal Arterial Rural	2940.0
	Principal Arterial Urban	183.1
	Total	3123.1
	Total NHS	3694.1

NOTES: Data from Functional Class on Mainframe

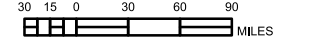
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Traffic Data Section  
December 2014



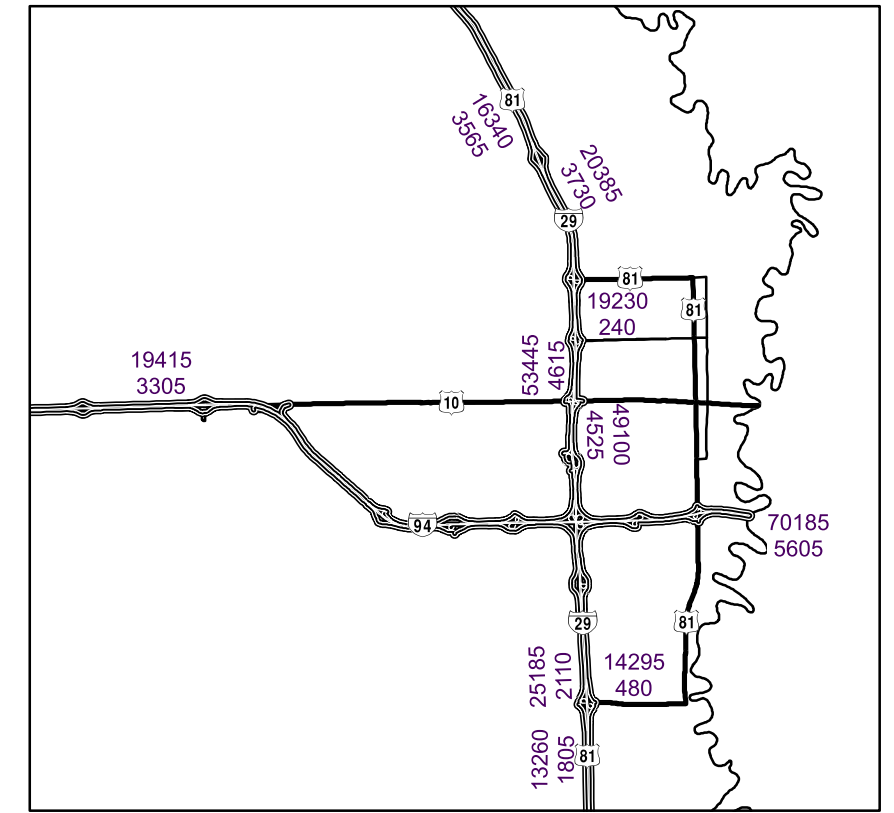


**2014**  
**TRAFFIC VOLUME MAP**  
**STATE OF**  
**NORTH DAKOTA**

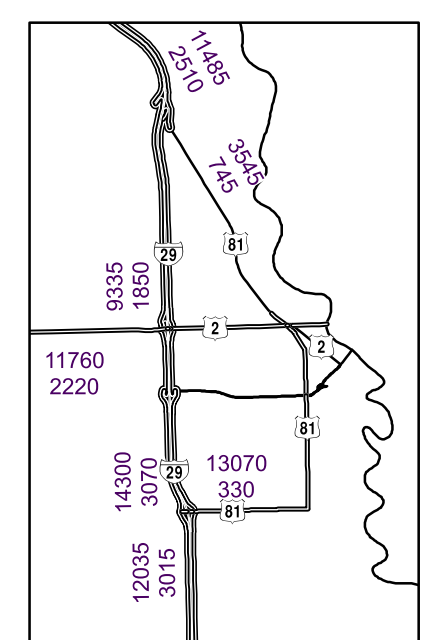
PREPARED BY THE  
 NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
 PLANNING / ASSET MANAGEMENT DIVISION  
 IN COOPERATION WITH THE  
 U.S. DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION



MANDAN and BISMARCK



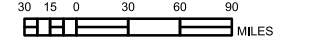
WEST FARGO and FARGO



GRAND FORKS

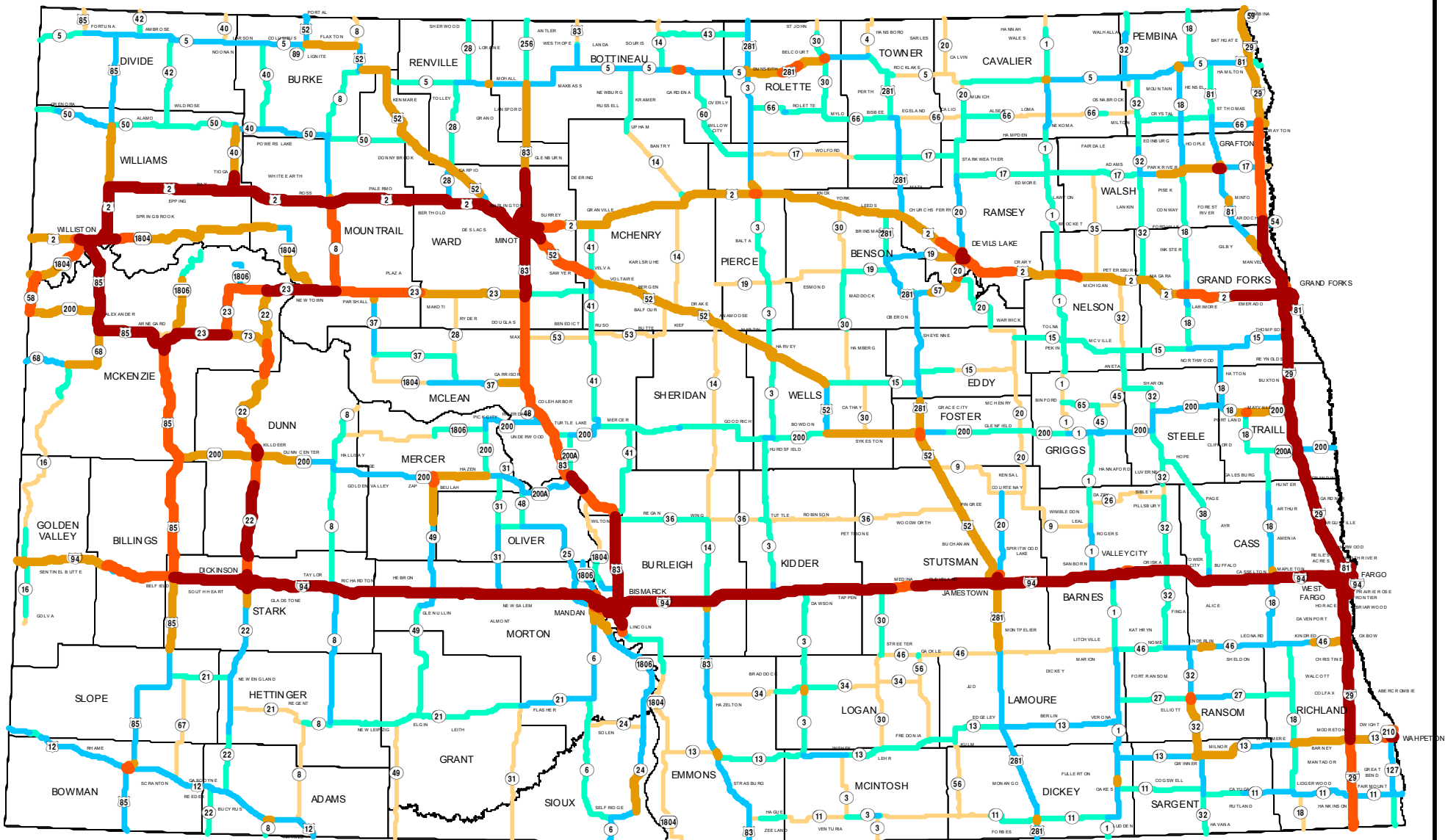
**2014**  
**TRAFFIC VOLUME MAP**  
**STATE OF**  
**NORTH DAKOTA**

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



UNIVERSAL TRANSVERSE MERCATOR ZONE 14, NORTH AMERICAN DATUM 83

# Annual Average Daily Traffic (2014)



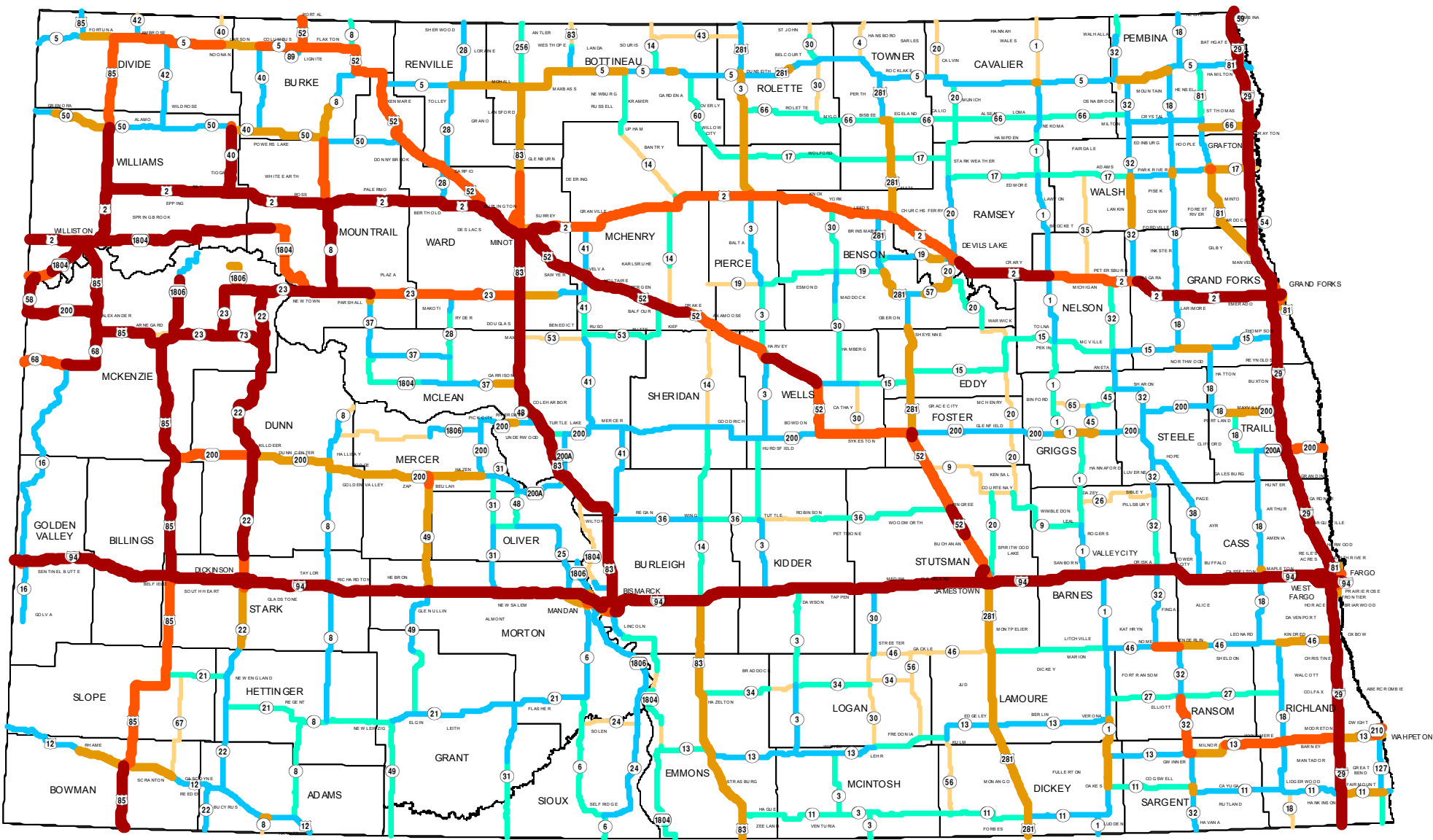
(14)

Notes: - Data from 2014 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 north and south or east and west).

Annual Average Daily Traffic	
1 - 349	2000 - 3999
350 - 749	4000 - 6999
750 - 1999	7000 and greater

Planning & Asset Management Division  
 Traffic Data  
 December 2014

# Truck Annual Average Daily Traffic (2014)



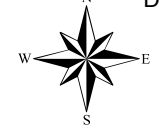
(15)

Notes: - Data from 2014 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).

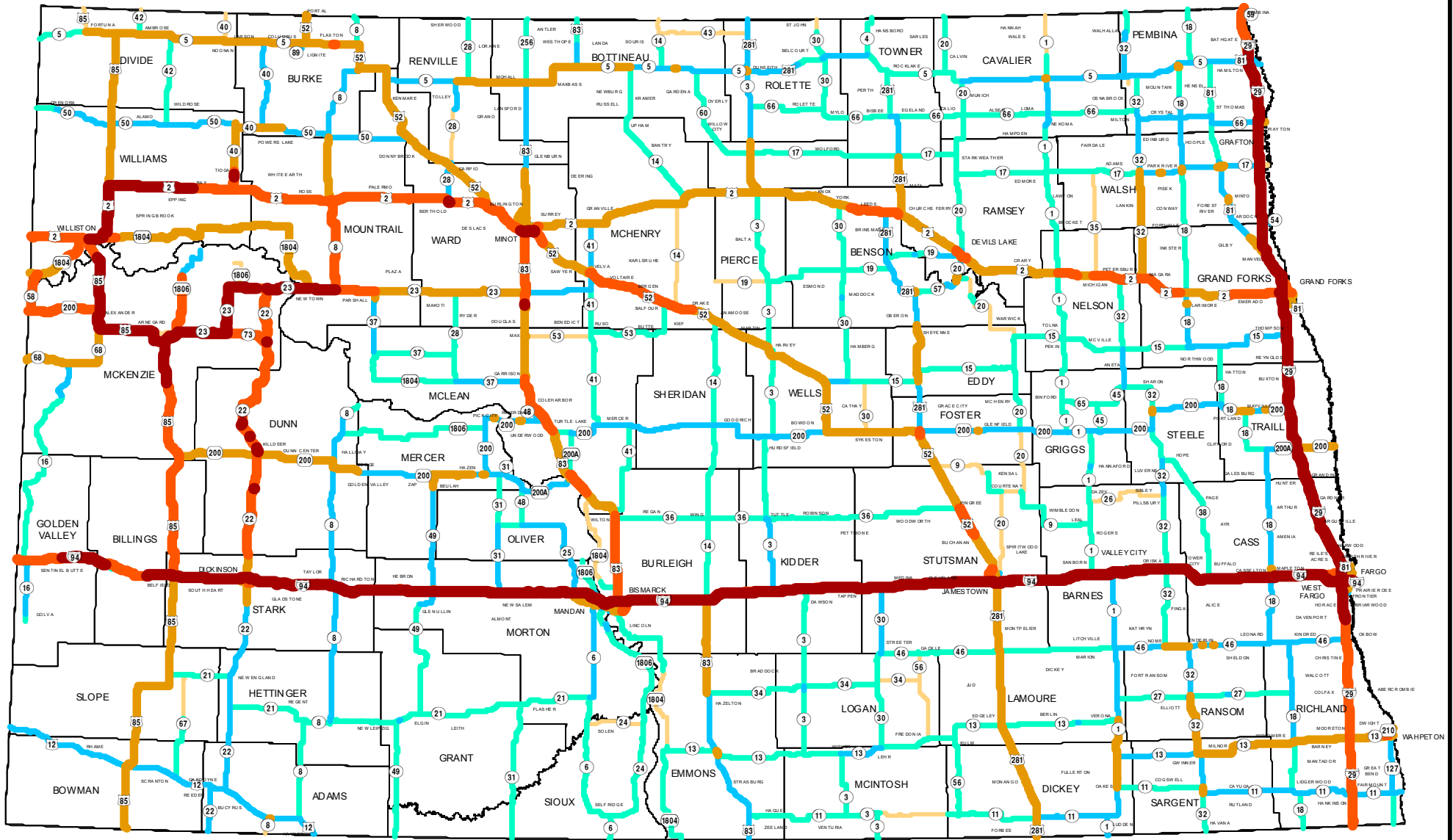
## Truck Annual Average Daily Traffic



Planning & Asset Management Division  
 Traffic Data  
 December 2014



# Equivalent Single Axle Loads (ESALs)



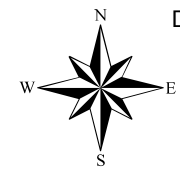
(16)

Notes:  
 - Data from 2014 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 directions (either north and south or east and west).

## ESALs



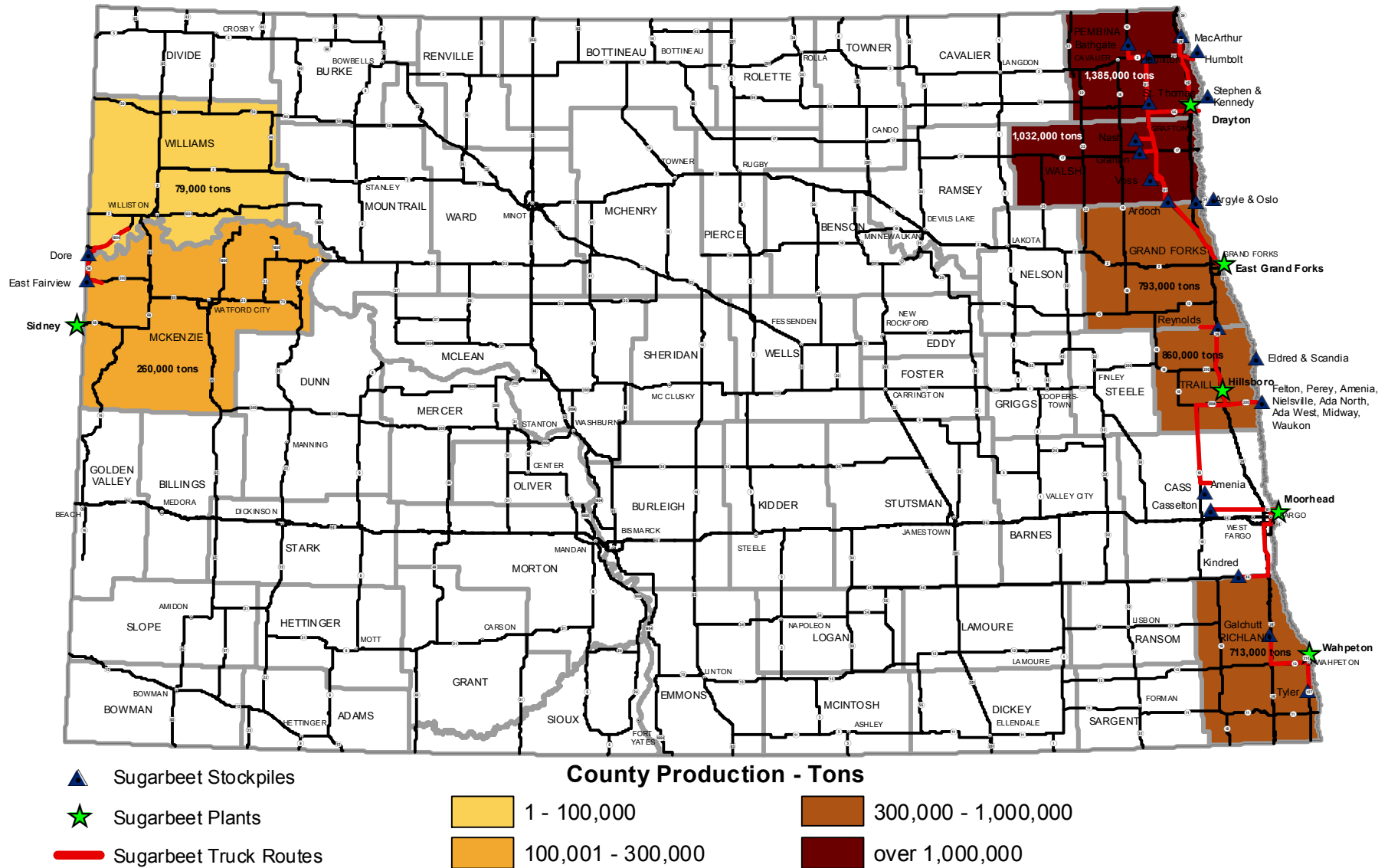
Planning & Asset Management Division  
 Traffic Data  
 December 2014



# Sugarbeet Production and Truck Routes

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

Individual production figures for each county are provided on the map



(17)

Data is from the USDA, National Agricultural Statistics Service.  
 County production totals are for the 2013 production year because 2014 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 5,693,000 tons.



Planning & Asset Management Division  
 Transportation Data  
 December 2014

**PERMANENT STATION COMPARISON OF AADT BY YEAR**

STATION NUMBER	LOCATION	1994	1996	1998	2000	2002	2004	2006	2008	2010	2011	2012	2013	2014	% CHANGE 2014/2013	% CHANGE 2014/2004	% CHANGE 2014/1994
URBAN INTERSTATE 94																	
217	FARGO (U)		45384	49528	49794	54812	61932	61479	63417	64983	66026	67708	65677	70183	6.9%	13.3%	--
283	BISMARCK (U)	14396		16606	17656	17396	18782	21507	22085	23727	24611	25722	26937	27738	3.0%	47.7%	92.7%
	MEAN	14396	45384	33067	33725	36104	40357	41493	42751	44355	45319	46715	46307	48961	4.9%	30.5%	92.7%
RURAL INTERSTATE 94																	
207	MEDINA	5140	5652	6390	6528	6900	6810	6706	6595	7478	8512	8652	8593	8598	0.1%	26.3%	67.3%
223	NEW SALEM	5122	5220			5968	6088	6116	6195	7000	7655	8638	8731	9320	6.7%	53.1%	82.0%
245	TOWER CITY	6926	7520	8066	8370	8292	9266	9173	9340	10464	10940	11453	11671	12178	4.3%	31.4%	75.8%
279	PAINTED CANYON	3134	3156	3370	3528	3726	3596	3668	3554	3893	4395	4815	4851	5067	4.5%	40.9%	61.7%
298				2472											--	--	--
	MEAN	5081	5387	5075	6142	6222	6440	6416	6421	7209	7876	8390	8462	8791	3.9%	37.9%	71.7%
URBAN INTERSTATE 29																	
235	FARGO (U)		23120	25860		22070	24808	25790	27503	35153	31347	30814	31522	31177	-1.1%	25.7%	--
	MEAN		23120	25860		22070	24808	25790	27503	35153	31347	30814	31522	31177	-1.1%	25.7%	--
RURAL INTERSTATE 29																	
211	BUXTON	9210	9954	9018	9144	9862	10526	10532	10630	11278	11280	11752	11760	12062	2.6%	14.6%	31.0%
243	BOWESMONT	2488	2506	2872	2860	2806	2980	3146	3559	3626	3582	3775	3759	3776	0.5%	26.7%	51.8%
265	MOORETON	3932	4502	5044	5130	5294	5914	5940	5823	6385	6414	6422	6572	6807	3.6%	15.1%	73.1%
285	DAVENPORT					8920	10098	10151	9777	10901	10778	11056	11118	11276	1.4%	11.7%	--
301	HICKSON		7348												--	--	--
	MEAN	5210	6078	5645	5711	6721	7380	7442	7447	8048	8014	8251	8302	8480	2.0%	17.0%	52.0%
RURAL PRINCIPAL ARTERIAL																	
201	RAY	1586	1534	1570	1618	1678	1660	1873	2678	4367	7236	9307	7863	8665	10.2%	422.0%	446.3%
203	MAX	2814	3108	3130	3366	3532	3600	3612	3702	5003	5200	5516	5402	5529	2.4%	53.6%	96.5%
205	GWINNER	960	994	1026	1146	1118	1266	1255	1109	1216	1193	1189	1096	1203	9.8%	-5.0%	25.3%
209	MINOT	9842	9932	9204											--	--	--
213	LAKOTA	2850	3160	3212											--	--	--
215	JAMESTOWN	2448	2736		2740	2738	2660	2716	2845	3170	3346	3482	3543	3695	4.3%	38.9%	50.9%
219	MANDAN	1276	1248	1450	1494	1536	1538	1518	1471	1615	1565	1621	1620	1668	3.0%	8.5%	30.7%
221	FAIRFIELD	1338	1406	1356	1370	1408	1436	1649	1808	2120	3604	4595	4747	4672	-1.6%	225.3%	249.2%
227	VERONA	726	768												--	--	--
229	COOPERSTOWN	856	822	960		894	896	827	845	927	902	921	884	880	-0.5%	-1.8%	2.8%
233	FOXHOLM	1994	1952	1926	1832	1894	1870	1899	2177	2491	2698	3075	2992	2930	-2.1%	56.7%	46.9%
237	NEKOMA	684	668	694		760	754	686	785	814	777	782	822	868	5.6%	15.1%	26.9%
239	NEW TOWN	1406	1374	1382	1520	1606	1682	1599	2357	3703	5820	6474	6896	7765	12.6%	361.7%	452.3%
241	BOTTINEAU	1044	998	932	996	950	1018	946	1050	1239	1159	1364	1296	1382	6.6%	35.8%	32.4%
251	HAGUE	634	630	640	710	770	740	589	746	867	747	885	985	909	-7.7%	22.8%	43.4%
253	RUGBY			2766		2748	2642	2475	2730	2775	2922	3162	3140	3192	1.7%	20.8%	--
255	CROSBY	576	544	584	492	532	554	574	598	842	1212	1502	1744	1638	-6.1%	195.7%	184.4%
257	WILLISTON	1068	1156	1236		1208	1186	1229	1251	1620	2586	3235	2991	2958	-1.1%	149.4%	177.0%
261	CARRINGTON									1736	1735	1768	1805	1788	-0.9%	--	--
271	GOLDEN VALLEY	648	718	698		666	676	702	698	840	1286	1355	1422	1414	-0.6%	109.2%	118.2%
273	NEW LEIPZIG	348	360	354	390	386	368	339	314	364	360	377	376	372	-1.1%	1.1%	6.9%
281	SAWYER				3646	3724	3878	3902	3883	4563	4825	5340	5224	5347	2.4%	37.9%	--
297	WILLISTON_NW												1514	2257	49.1%	--	--
303	MICHIGAN			3350	3616	3512	3508	3361	3303	3803	4027	4383	4265	4366	2.4%	24.5%	--
305	EMERADO		5600												--	--	--
307	WASHBURN			3616	3580	3880	3984	4233	4437	5189	5767	6030	6050	6303	4.2%	58.2%	--
309	NEWTOWN_EAST												6193		--	--	--
311	WILLISTON_2N												12090	13560	12.2%	--	--
339	GRASSY_BUTTE												4880		--	--	--
447	DUNSEITH_E__												2499		--	--	--
	MEAN	1742	1985	2004	1901	1777	1796	1799	1939	2346	2808	3160	3425	3728	4.5%	91.5%	124.4%
RURAL MINOR ARTERIAL																	
231	GRAFTON	2348	2328	2372	2628	2678	2818	2521	2623	2594	2507	2525	2523	2429	-3.7%	-13.8%	3.4%

PERMANENT STATION COMPARISON OF AADT BY YEAR

STATION NUMBER	LOCATION	1994	1996	1998	2000	2002	2004	2006	2008	2010	2011	2012	2013	2014	% CHANGE 2014/2013	% CHANGE 2014/2004	% CHANGE 2014/1994
RURAL MINOR ARTERIAL																	
247	COURTENAY	518	468		486	518	490	460	442	464	485	471	457	451	-1.3%	-8.0%	-12.9%
249	GARRISON	1022		1142	1166	1208	1178	1164	1184	1359	1473	1634	1702	1892	11.2%	60.6%	85.1%
275	HANNOVER	468	488	524	560	542	500	479	500	602	604	630	649	687	5.9%	37.4%	46.8%
289	MANNING					1592	1610	1718	2341	3675	4178	5706	5719	6696	17.1%	315.9%	--
291	MARMARTH											785	803	868	8.1%	--	--
293	KILLDEER											3313	3861	4615	19.5%	--	--
295	NECHE											429	449	465	3.6%	--	--
	MEAN	1089	1095	1346	1210	1308	1319	1268	1418	1739	1849	1937	2020	2263	7.5%	78.4%	30.6%
RURAL MAJOR COLLECTOR - STATE																	
267	TRENTON									3231	4526	6008	5183	5541	6.9%	--	--
	MEAN									3231	4526	6008	5183	5541	6.9%	--	--
RURAL MAJOR COLLECTOR - COUNTY																	
101	MINOT55ST_NE													2525	--	--	--
103	MINOT46AV_NE													1074	--	--	--
225	STERLING	532	558	556		558	492	525	560	645	587	639	656	946	44.2%	92.3%	77.8%
259	AYR	366	288	276	348	456	384	340	360	372	343	317	329	327	-0.6%	-14.8%	-10.7%
263	METIGOSHE	784	726	414											--	--	--
277	REGENT	284	268	304	298	314	296	287	320	358	325	369	343	356	3.8%	20.3%	25.4%
	MEAN	492	460	388	323	443	391	384	413	458	418	442	443	1046	15.8%	32.6%	30.8%
URBAN PRINCIPAL ARTERIAL																	
287	GRAND FORKS				18520	19656	19107	18974	20520	20413	21291	21396	21318		-0.4%	8.5%	--
501	FARGO (U)		27970	24150	26592	26852	24248	24606	24868	24421	24332	24073	26023		8.1%	-3.1%	--
503	BISMARCK (U)										12176	12859	13418		4.3%	--	--
601	BISMARCK (U)		12919	12408	11747	11961	11465	11991							--	--	--
603	WILLISTON (U)		4058	4174	4118	4228	4528	4801	6510	9070	10278	10990	10834		-1.4%	156.2%	--
605	MANDAN (U)		19702		20200	20158	20213	19582	20270	19749	20439	20891	20356		-2.6%	1.0%	--
	MEAN		16162	13577	16235	16571	15912	15991	18042	18413	17703	18042	18390		1.6%	40.6%	--
URBAN MINOR ARTERIAL																	
607	DICKINSON (U)		3128	3072	2980	3104	3053	2855	3033	3142	3269	3329	3198		-3.9%	3.0%	--
611	MINOT (U)		2804	3240	2624	2690	2541	2618	2894	3426	3155	2974	2914		-2.0%	8.3%	--
	MEAN		2966	3156	2802	2897	2797	2737	2964	3284	3212	3152	3056		-3.0%	5.7%	--
URBAN COLLECTOR & LOCAL URBAN																	
609	MINOT (U)		1858	1896	2076	2346	2222	2255	2374	2782	3001	2802	2991		6.7%	27.5%	--
	MEAN		1858	1896	2076	2346	2222	2255	2374	2782	3001	2802	2991		6.7%	27.5%	--

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	1994	1996	1998	2000	2002	2004	2006	2008	2010	2011	2012	2013	2014	% CHANGE 2014/2013	% CHANGE 2014/2004	% CHANGE 2014/1994	
URBAN INTERSTATE																		
217	FARGO (U)			3822	4742	4400	4888	4791	4930	4612	4907	5108	5100	5645	10.7%	15.5%	--	
235	FARGO (U)			2602		2594	2684	2726	2980	3344	3467	3216	3305	3588	8.6%	33.7%	--	
283	BISMARCK (U)			1706	1948	1862	1952	2264	2151	2039	2297	2505	2831	2687	-5.1%	37.7%	--	
	MEAN			2710	3345	2952	3175	3260	3354	3332	3557	3610	3745	3973	4.7%	28.9%	--	
RURAL INTERSTATE																		
207	MEDINA			1380	1600	1566	1618	1699	1711	1809	2052	2137	2132	2246	5.3%	38.8%	--	
211	BUXTON			1636	2114	2196	2494	2554	2790	2561	2755	2982	2998	3156	5.3%	26.5%	--	
223	NEW SALEM					1214	1244	1364	1467	1450	1728	2002	1903	2210	16.1%	77.7%	--	
243	BOWESMONT			964	1110	1160	1164	1186	1358	1109	1288	1223	1270	1708	34.5%	46.7%	--	
245	TOWER CITY						1922	2001	2203	2334	2549	2674	2759	2981	8.0%	55.1%	--	
265	MOORETON			840	934	812	922	1006	1076	1072	1112	1178	1268	1403	10.6%	52.2%	--	
279	PAINTED CANYON			702	460	1044	1018	1177	1166	1155	1351	1449	1711	1566	-8.5%	53.8%	--	
285	DAVENPORT					1120	1184	1248	1293	1341	1357	1454	1541	1561	1.3%	31.8%	--	
298	DURBIN			1768											--	--	--	
	MEAN			1215	1244	1302	1446	1529	1633	1604	1774	1887	1948	2104	9.1%	47.8%	--	
RURAL PRINCIPAL ARTERIAL																		
201	RAY			238	290	260	260	378	669	1332	2698	3536	2818	3104	10.1%	1093.8%	--	
203	MAX			438	584	538	536	541	568	771	925	1003	1026	1028	0.2%	91.8%	--	
205	GWINNER				106	168	154	145	117	114	131	129	117	164	40.2%	6.5%	--	
215	JAMESTOWN				468	446	510	584	709	770	851	937	957	1103	15.3%	116.3%	--	
219	MANDAN			140	198	154	146	154	138	147	143	149	187	191	2.1%	30.8%	--	
221	FAIRFIELD				340	274	258	399	507	641	1100	1362	1455	1737	19.4%	573.3%	--	
233	FOXHOLM			424	432	406	418	454	548	644	689	835	755	770	2.0%	84.2%	--	
237	NEKOMA					108	122	115	118	122	144	133	138	162	17.4%	32.8%	--	
239	NEW TOWN				158	142		148	549	1217	2458	2842	2958	3204	8.3%	--	--	
241	BOTTINEAU			96	162	142	118	111	129	163	160	195	184	221	20.1%	87.3%	--	
253	RUGBY			930		422	424	406	508	431	466	541	496	533	7.5%	25.7%	--	
255	CROSBY				96	132	78	131	145	234	432	604	795	733	-7.8%	839.7%	--	
257	WILLISTON			146		140	140	160	160	280	657	911	941	846	-10.1%	504.3%	--	
261	CARRINGTON									268	275	264	306	289	-5.6%	--	--	
271	GOLDEN VALLEY							67	66	111	276	378	427	349	-18.3%	--	--	
273	NEW LEIPZIG			56	84	66	60	44	43	62	51	55	62	64	3.2%	6.7%	--	
281	SAWYER				462	390	420	526	572	744	838	1022	1054	1054	3.2%	151.0%	--	
297	WILLISTON_NW												877	1246	42.1%	--	--	
303	MICHIGAN			648	732	568	558	515	513	593	619	691	617	647	4.9%	15.9%	--	
307	WASHBURN			522	616	566	552	607	609	740	907	949	987	1033	4.7%	87.1%	--	
309	NEWTOWN_EAST												1845		--	--	--	
311	WILLISTON_2N												5068	5682	12.1%	--	--	
339	GRASSY_BUTTE												1993		--	--	--	
447	DUNSEITH_E__												189		--	--	--	
	MEAN			364	338	290	297	305	370	494	727	870	1057	1174	8.1%	234.2%	--	
RURAL MINOR ARTERIAL																		
231	GRAFTON				262	250	272	240	267	243	237	233	225	170	-24.4%	-37.5%	--	
247	COURTENAY				50	44	40	32	33	36	44	45	40	34	-15.0%	-15.0%	--	
249	GARRISON			104	160	106	112	106	117	127	158	165	222	255	14.9%	127.7%	--	
275	HANNOVER			54	74	62	64	60	57	80	89	92	111	100	-9.9%	56.3%	--	
289	MANNING					142	128	160	408	931	1281	1714	1937	2392	23.5%	1768.8%	--	
291	MARMARTH												181	211	225	6.6%	--	--
293	KILLDEER												1484	1766	1928	9.2%	--	--
295	NECHE												89	116	111	-4.3%	--	--
	MEAN			79	137	121	123	120	176	283	362	500	579	652	0.1%	380.0%	--	
RURAL MAJOR COLLECTOR - STATE																		
267	TRENTON									670	1284	1770	1501	1593	6.1%	--	--	
	MEAN									670	1284	1770	1501	1593	6.1%	--	--	

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



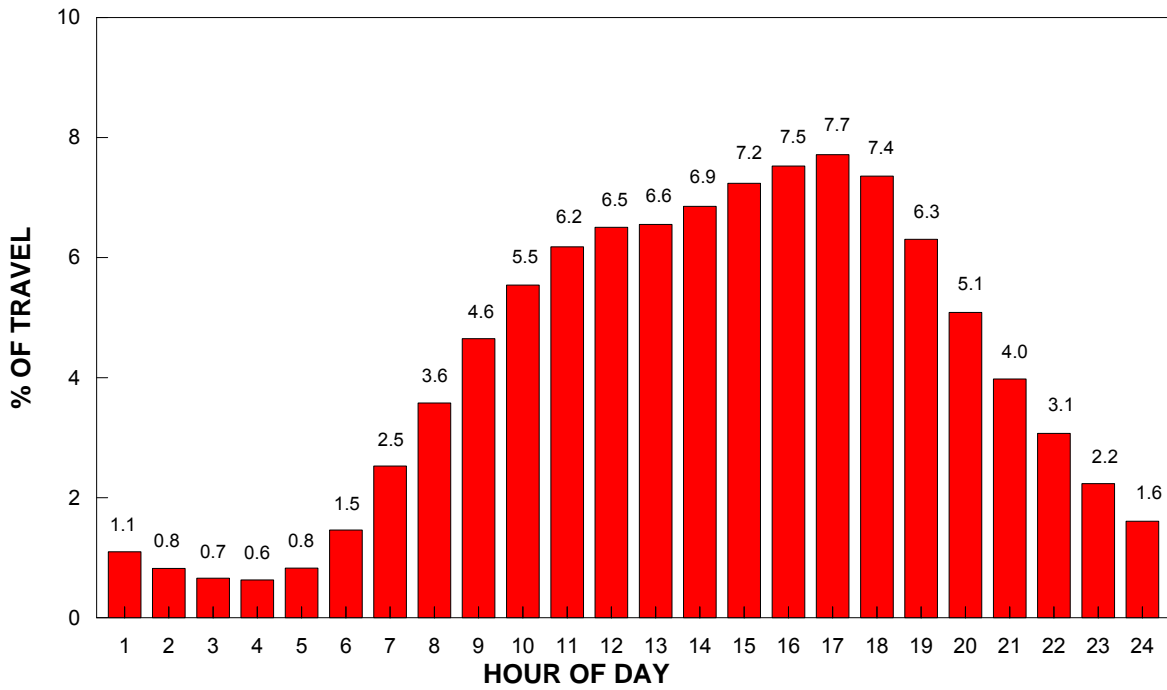
PERMANENT STATION COMPARISON OF TRUCK AADT BY YEAR

STATION NUMBER	LOCATION	1994	1996	1998	2000	2002	2004	2006	2008	2010	2011	2012	2013	2014	% CHANGE 2014/2013	% CHANGE 2014/2004	% CHANGE 2014/1994
RURAL MAJOR COLLECTOR - COUNTY																	
101	MINOT55ST_NE													579	--	--	--
103	MINOT46AV_NE													242	--	--	--
225	STERLING					46	39	54	68	80	89	70	141	101.4%	206.5%	--	
	MEAN					46	39	54	68	80	89	70	321	101.4%	206.5%	--	
URBAN PRINCIPAL ARTERIAL																	
503	BISMARCK (U)											1515	1706	1880	10.2%	--	--
	MEAN											1515	1706	1880	10.2%	--	--

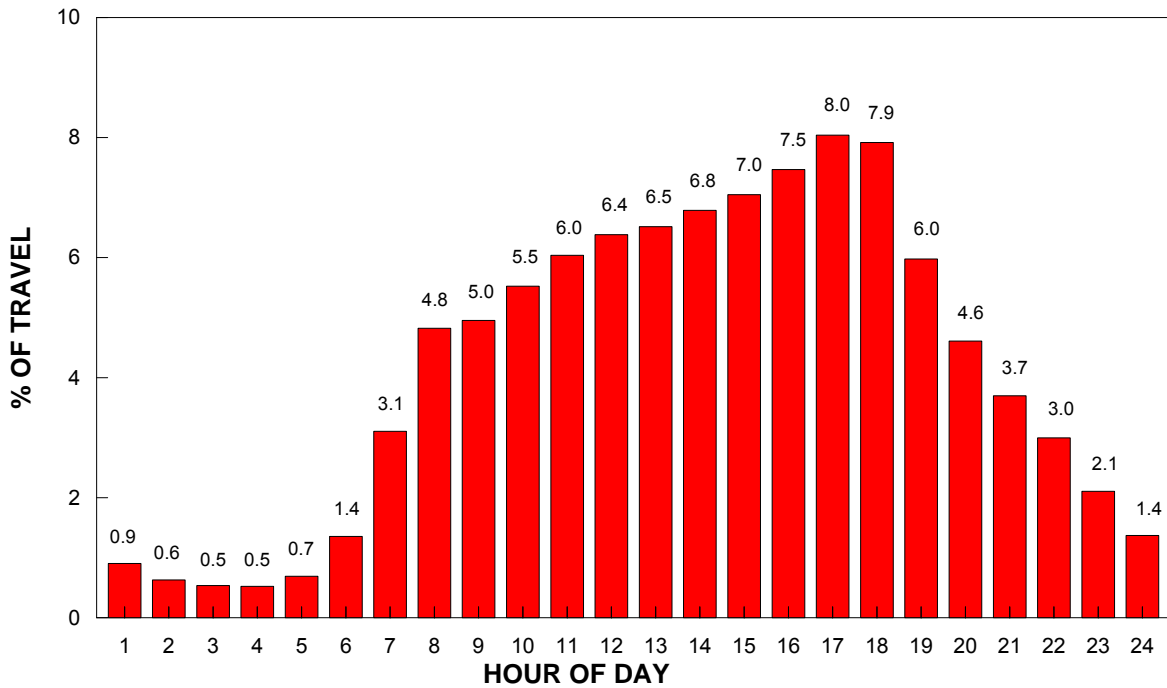
Missing data is the result of years when a recording station was out of service.

# HOURLY DISTRIBUTION OF TRAVEL

## RURAL INTERSTATE 94

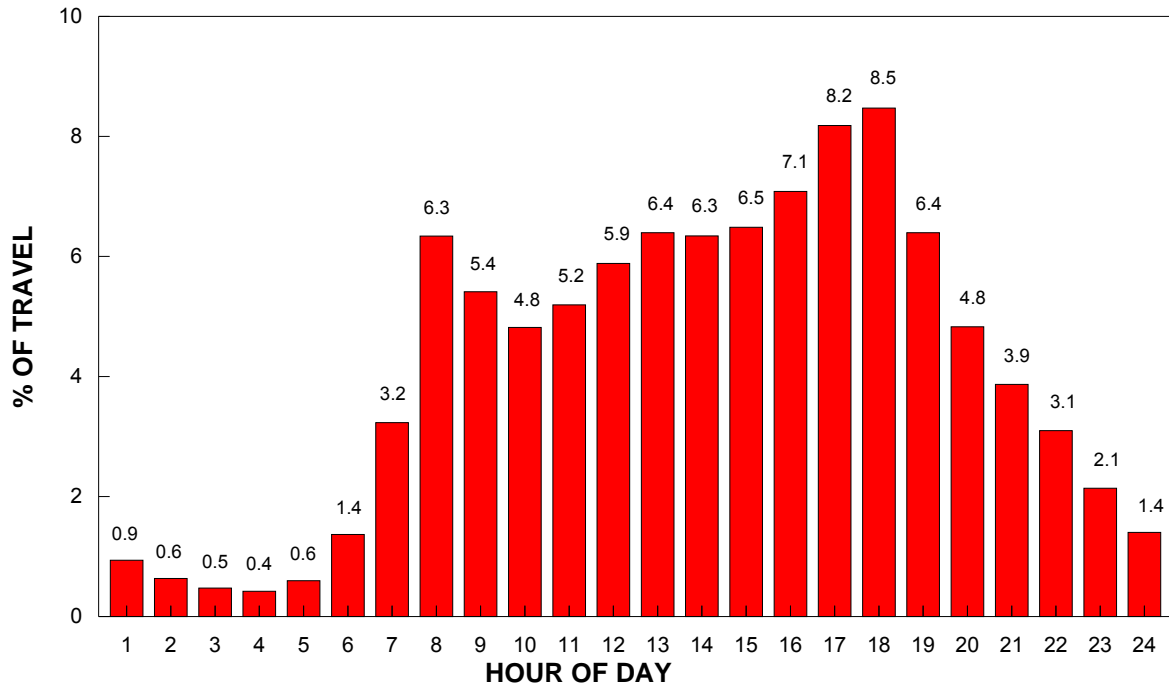


## RURAL INTERSTATE 29

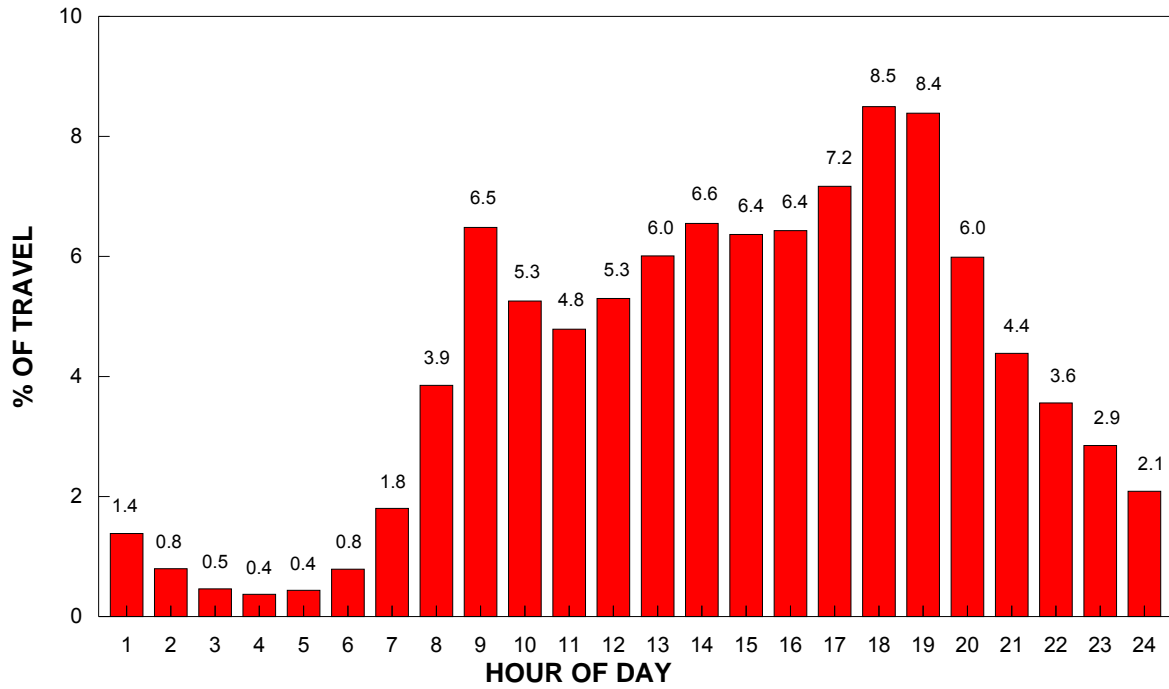


# HOURLY DISTRIBUTION OF TRAVEL

## URBAN INTERSTATE 94

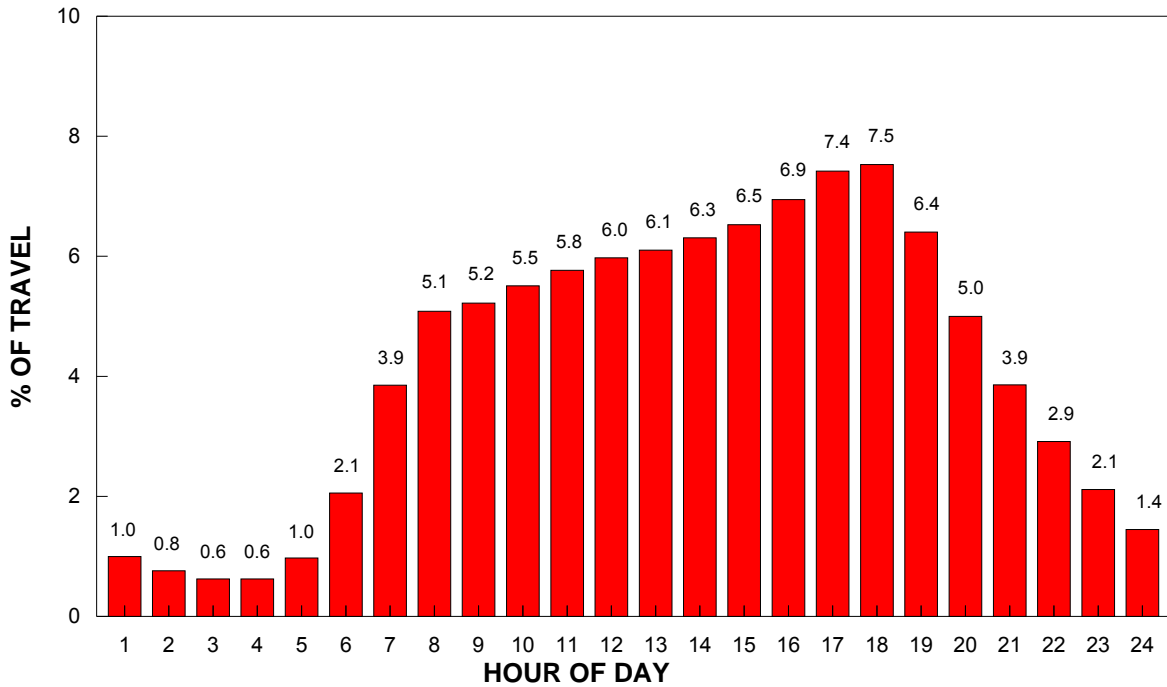


## URBAN INTERSTATE 29

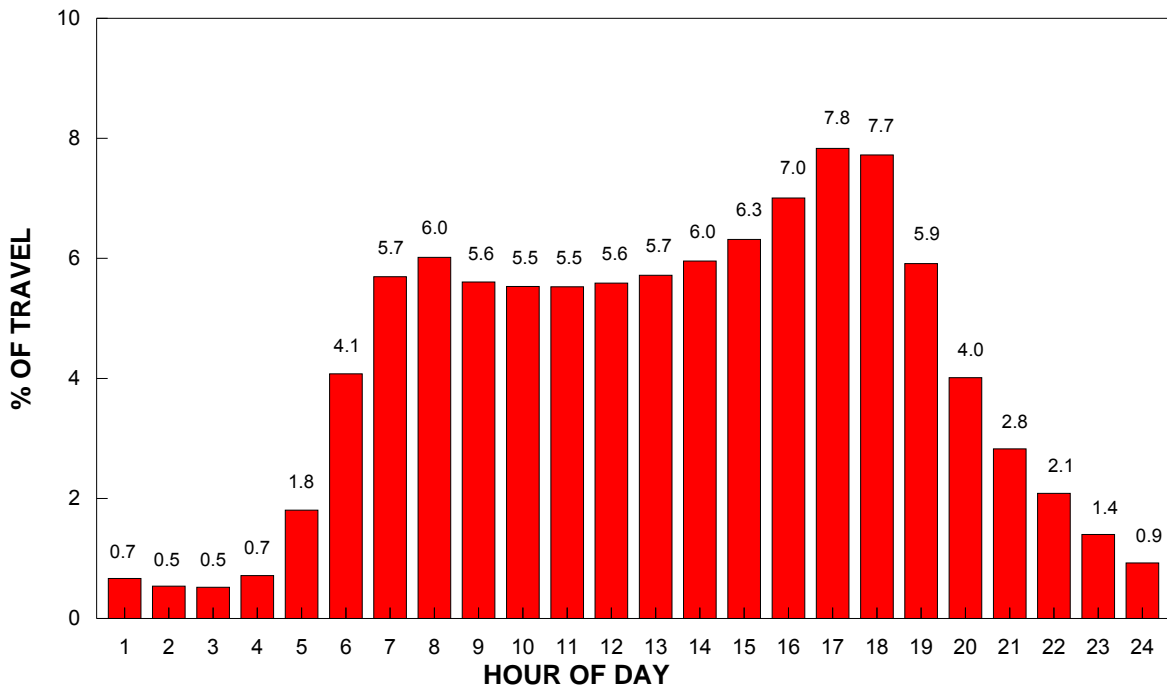


# HOURLY DISTRIBUTION OF TRAVEL

## RURAL PRINCIPAL ARTERIAL

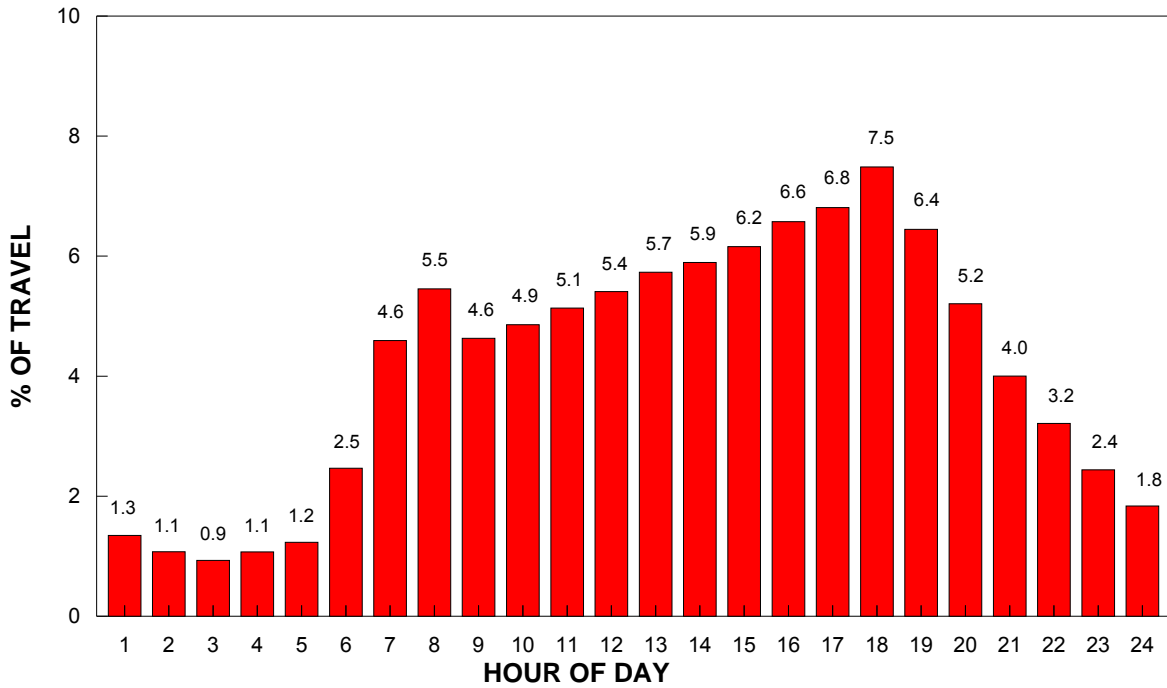


## RURAL MINOR ARTERIAL

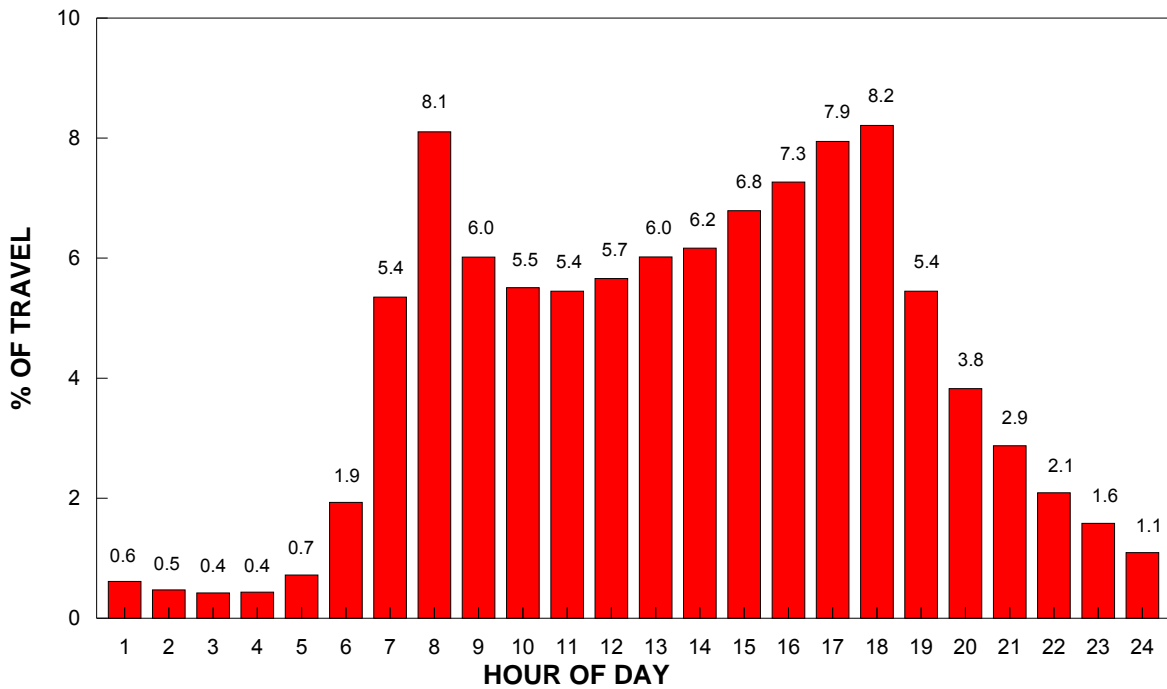


# HOURLY DISTRIBUTION OF TRAVEL

## RURAL MAJOR COLLECTOR - STATE

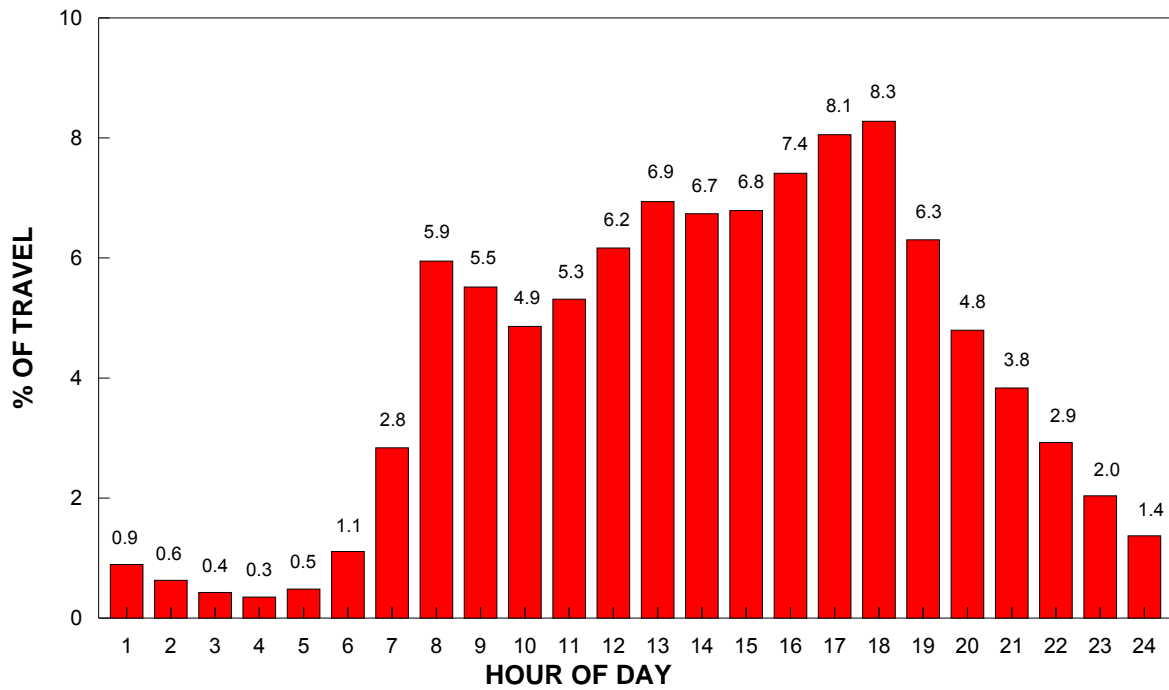


## RURAL MAJOR COLLECTOR - COUNTY

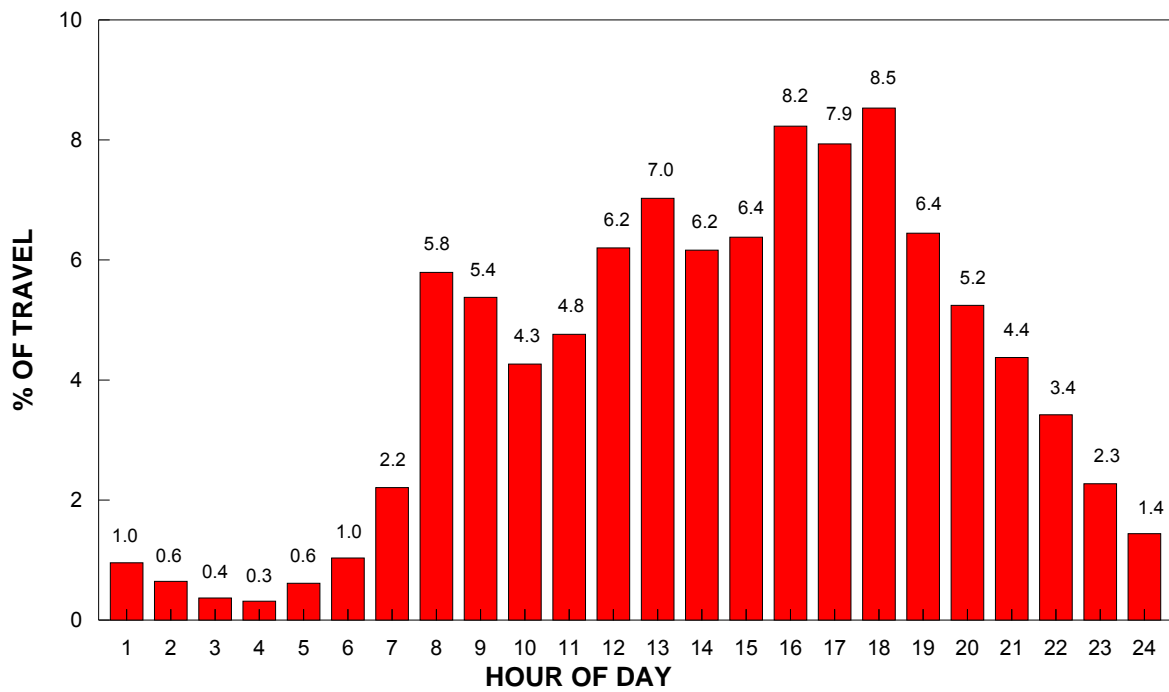


# HOURLY DISTRIBUTION OF TRAVEL

## URBAN PRINCIPAL ARTERIAL

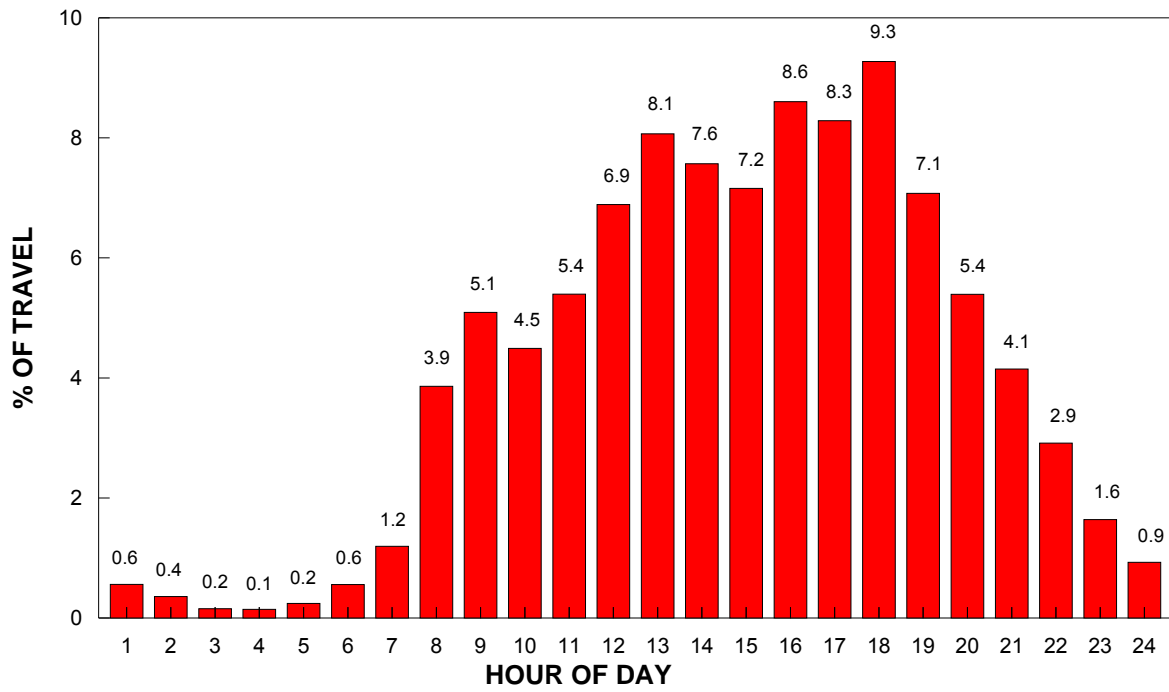


## URBAN MINOR ARTERIAL



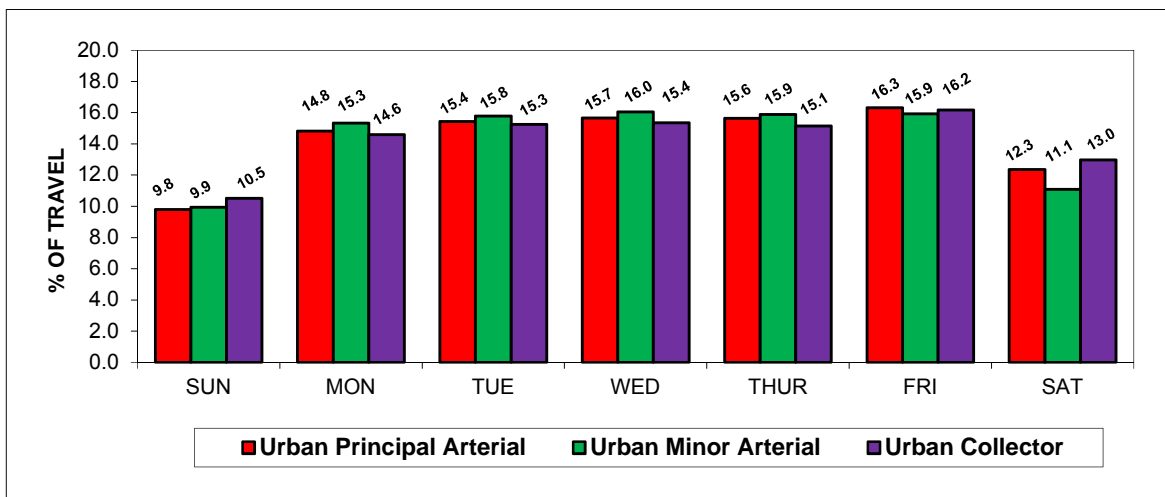
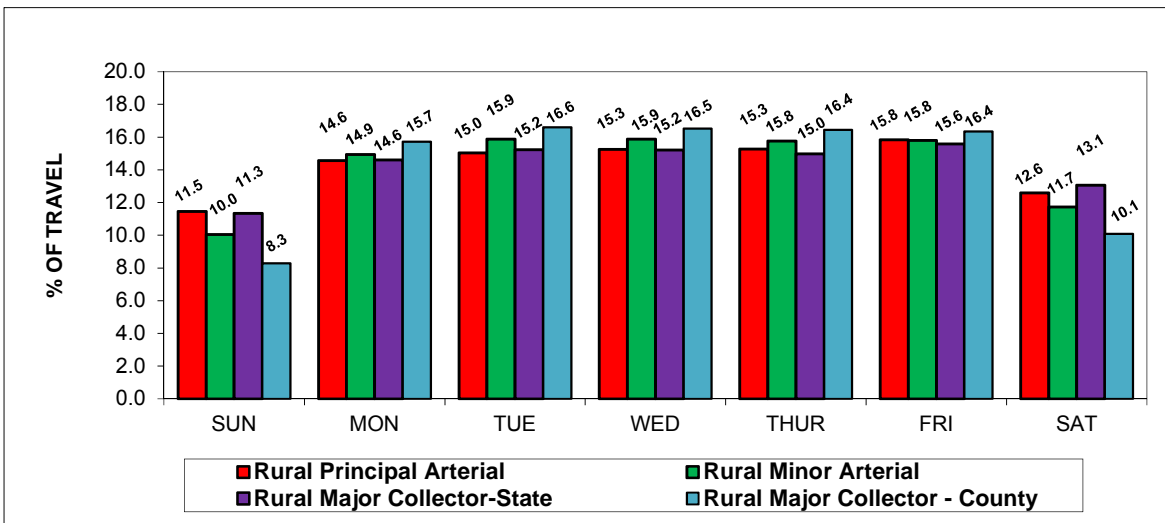
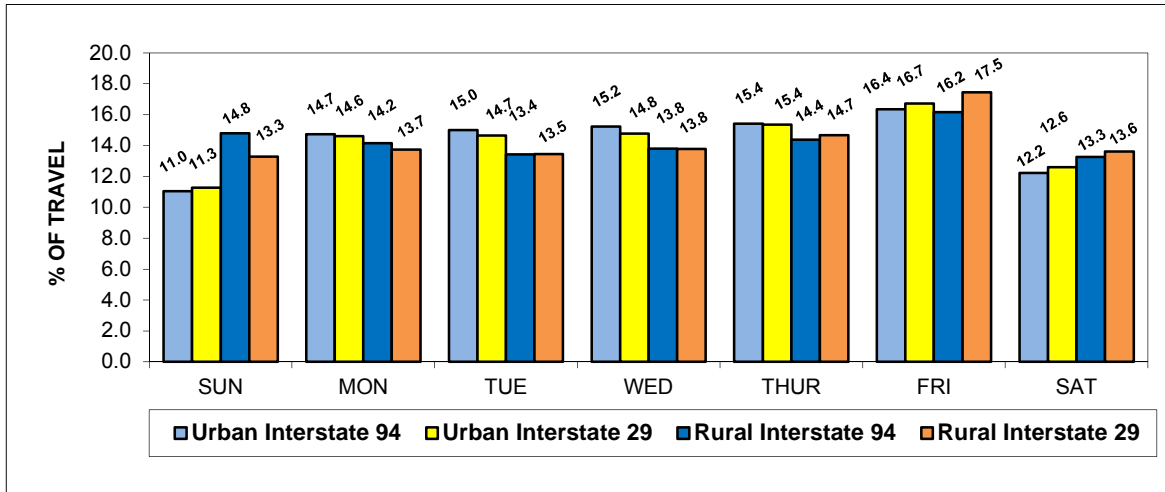
# HOURLY DISTRIBUTION OF TRAVEL

## URBAN COLLECTOR



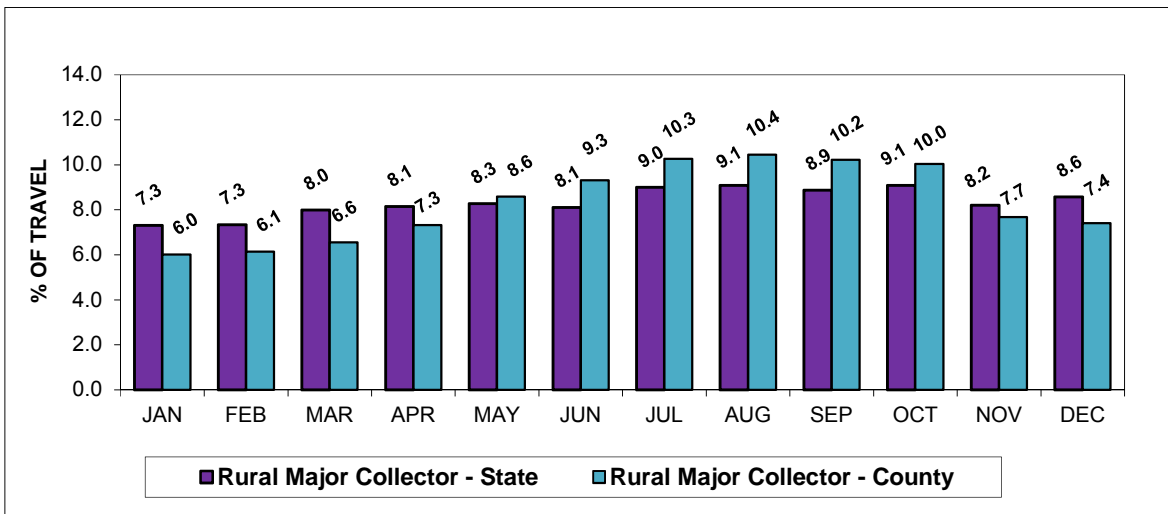
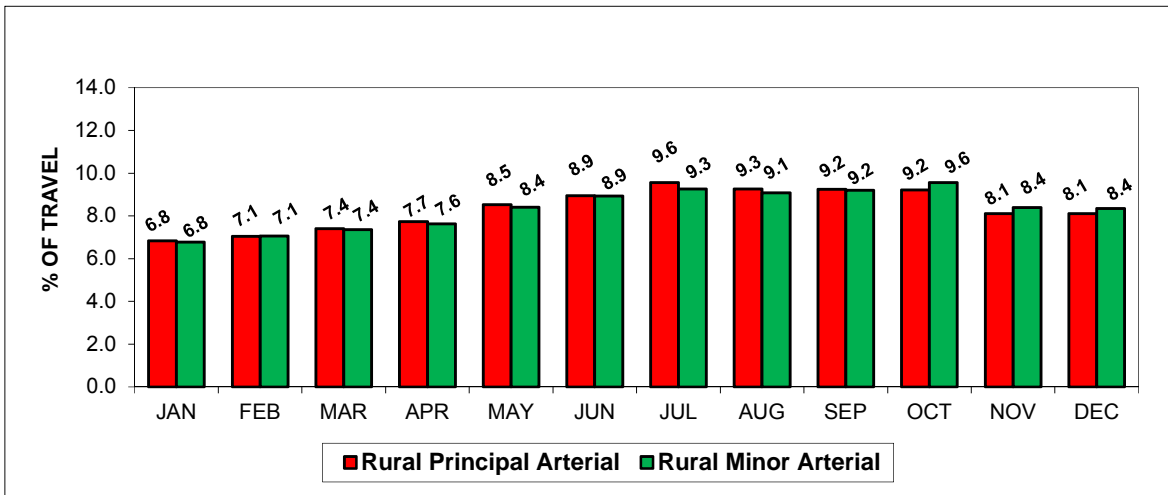
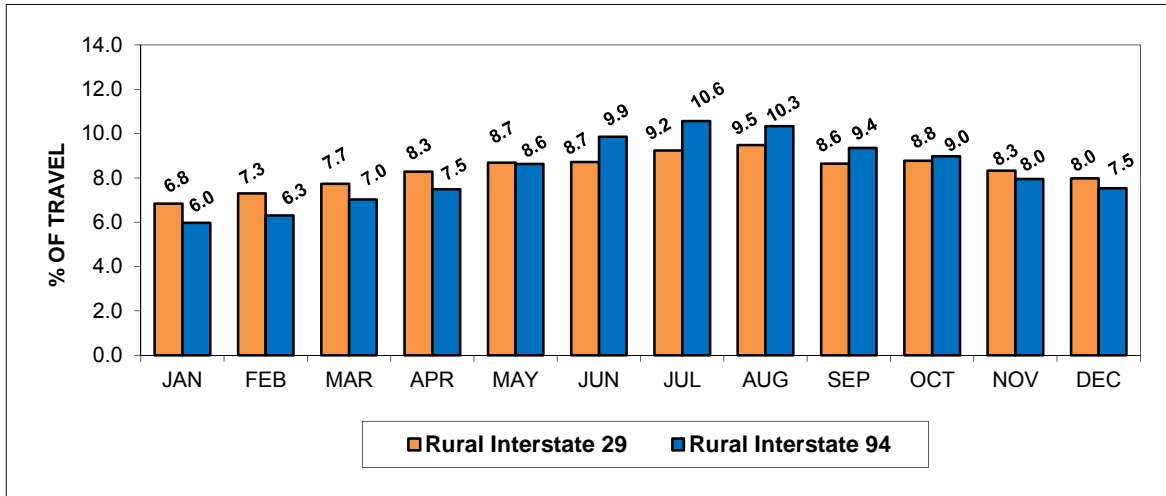
# DAILY DISTRIBUTION OF TRAVEL

## TOTAL VEHICLES

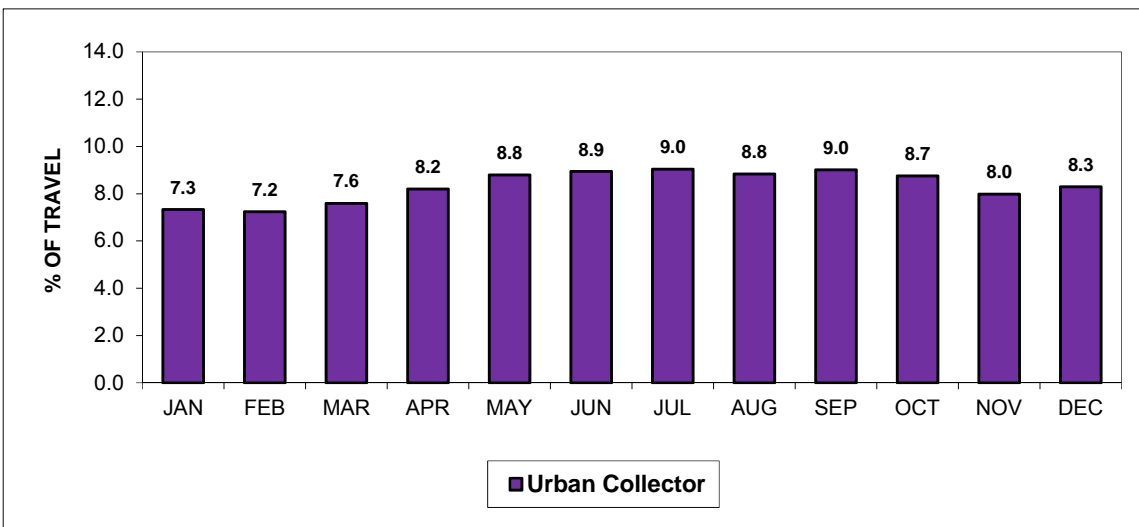
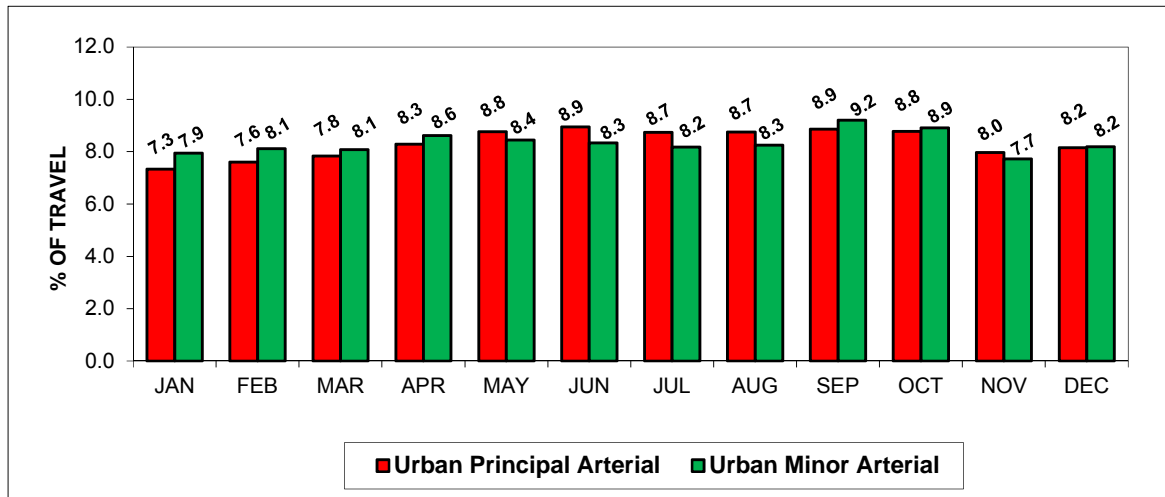
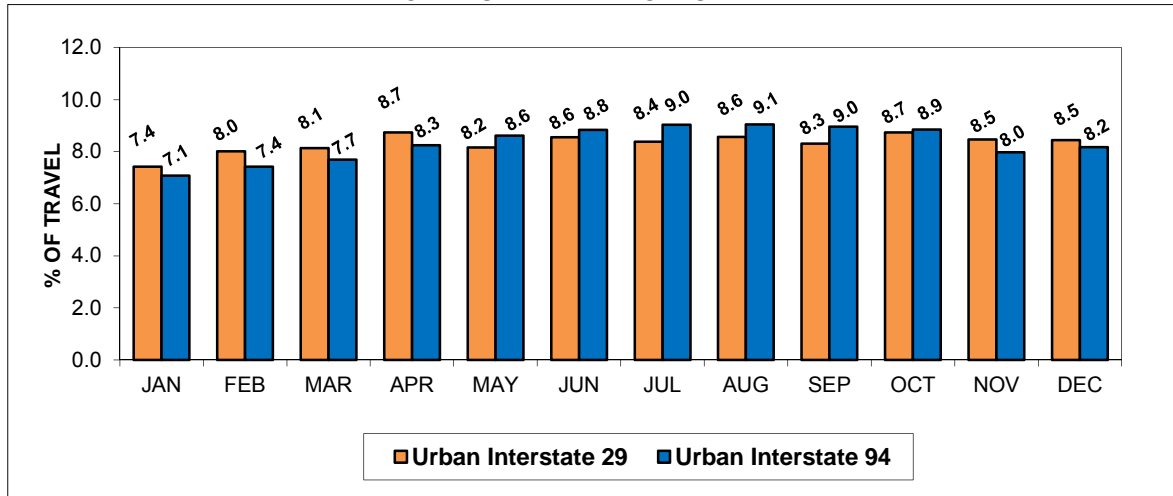




## MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL RURAL VEHICLES

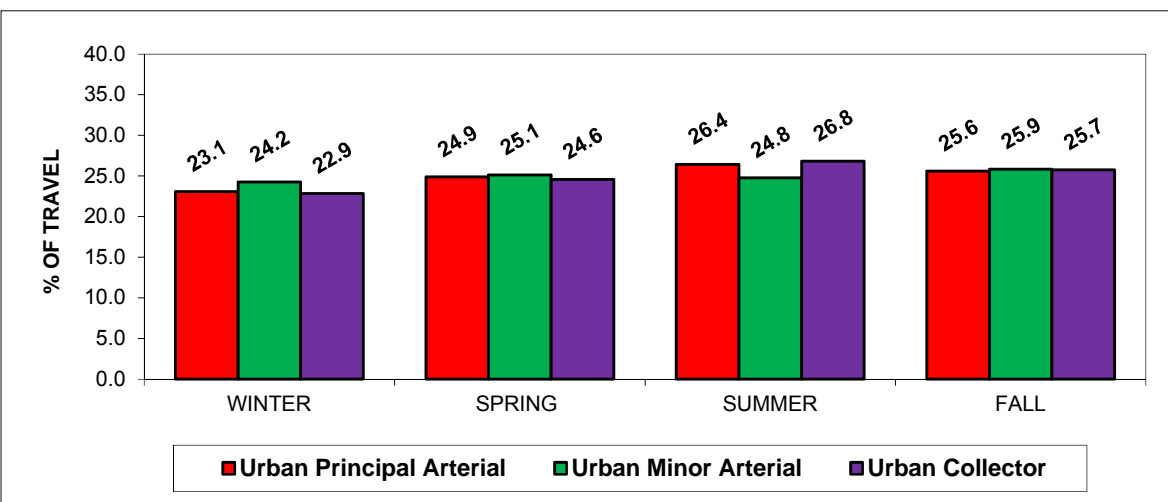
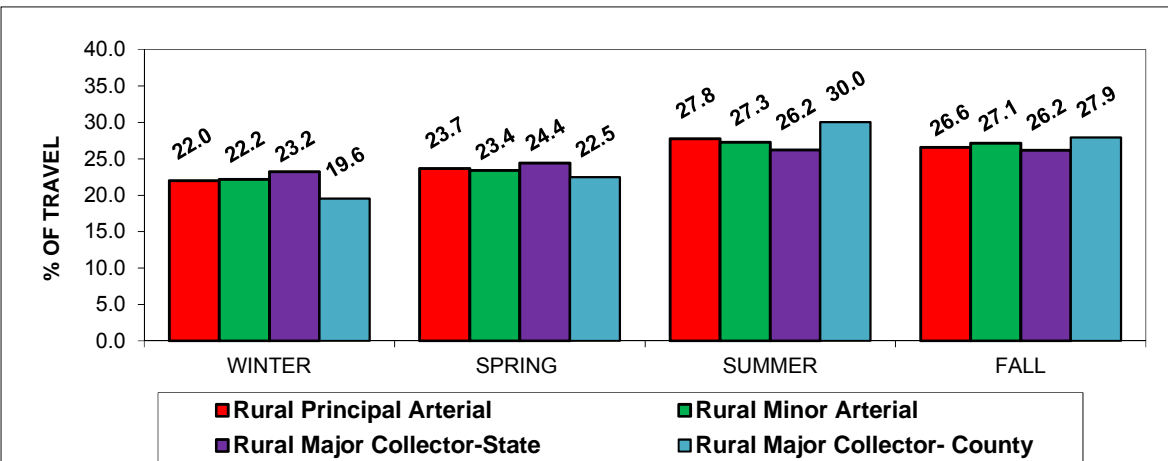
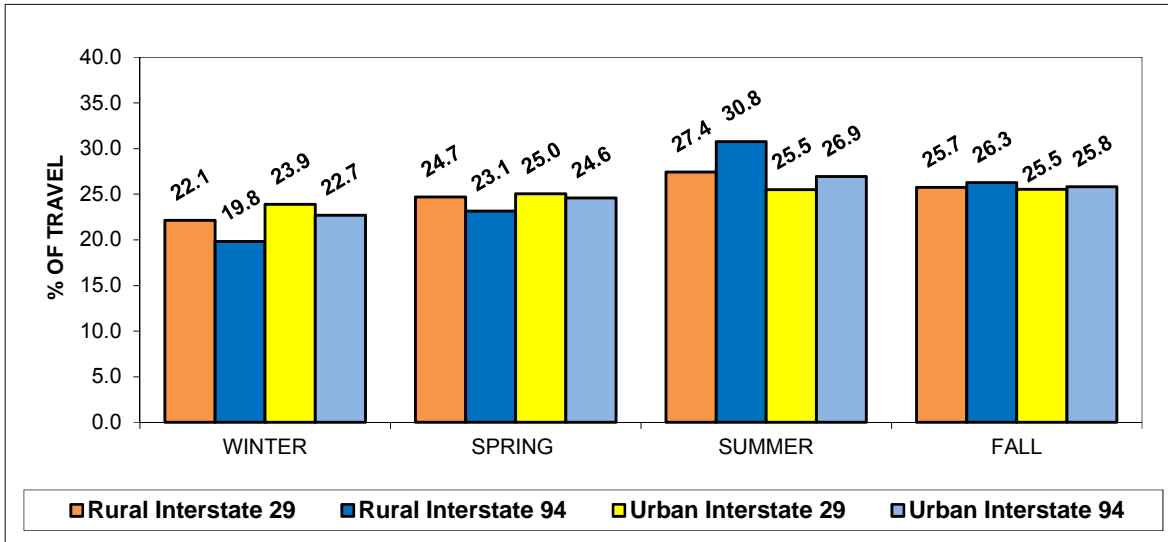


## MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL URBAN VEHICLES



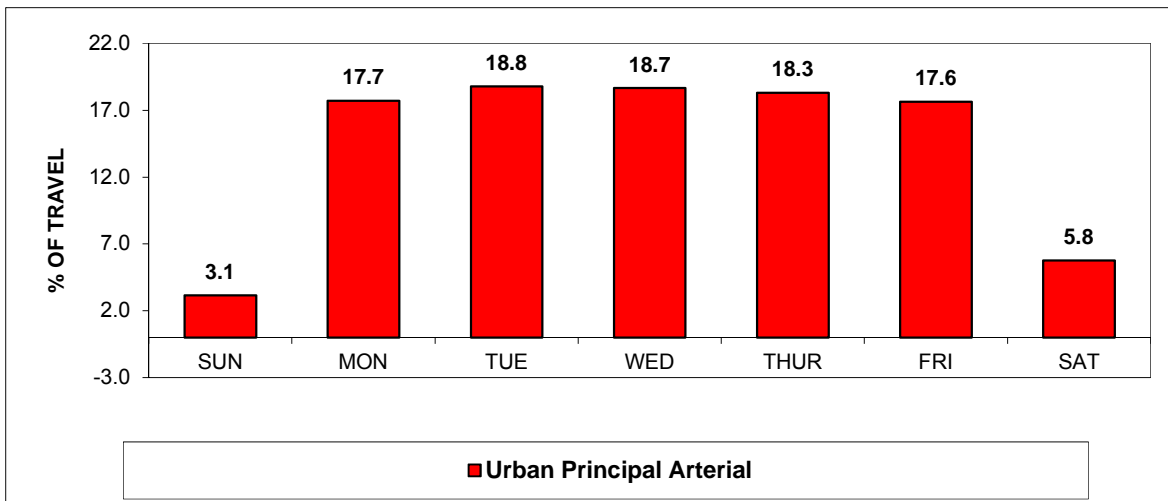
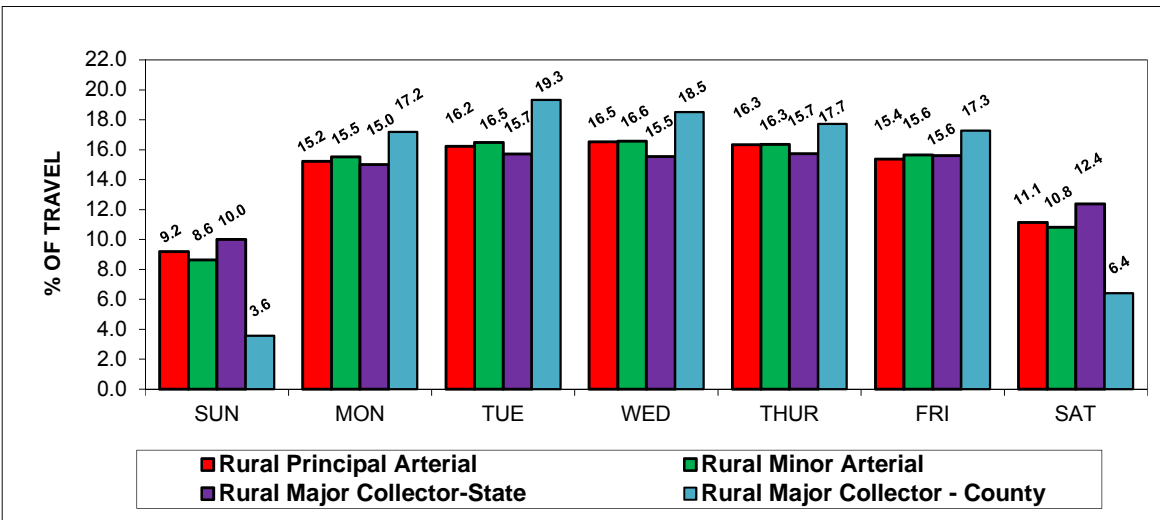
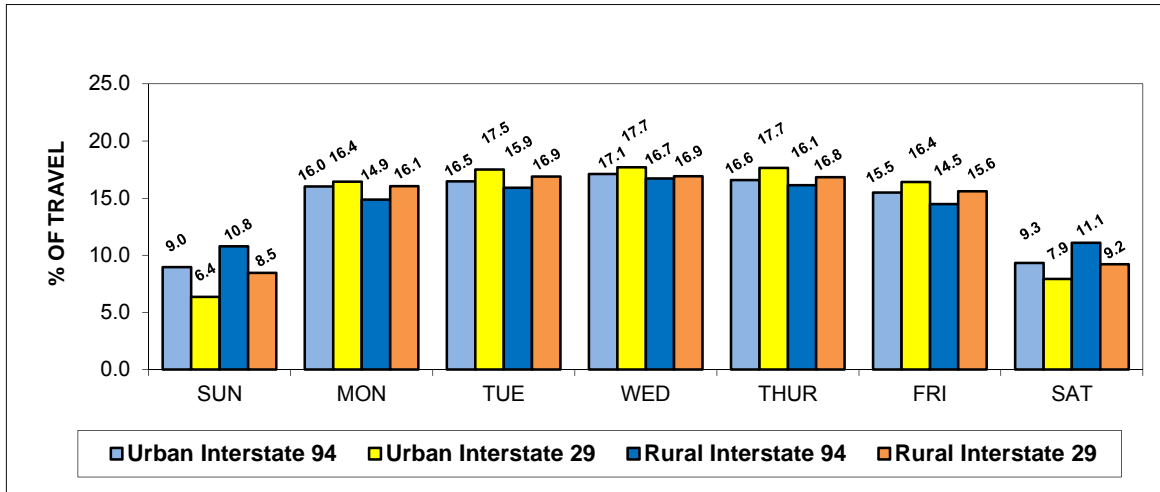
# SEASONAL DISTRIBUTION OF TRAVEL

TOTAL VEHICLES



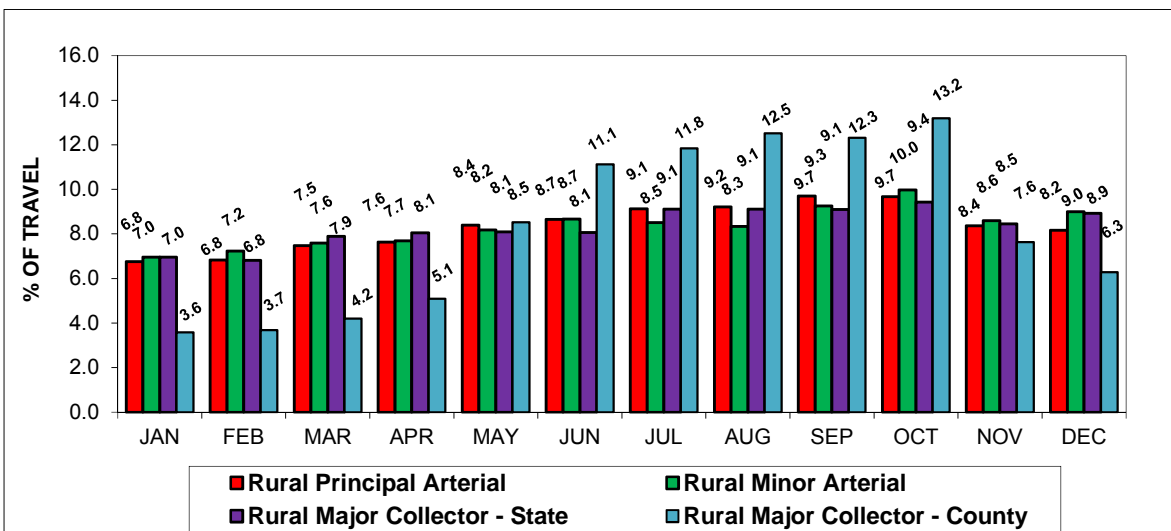
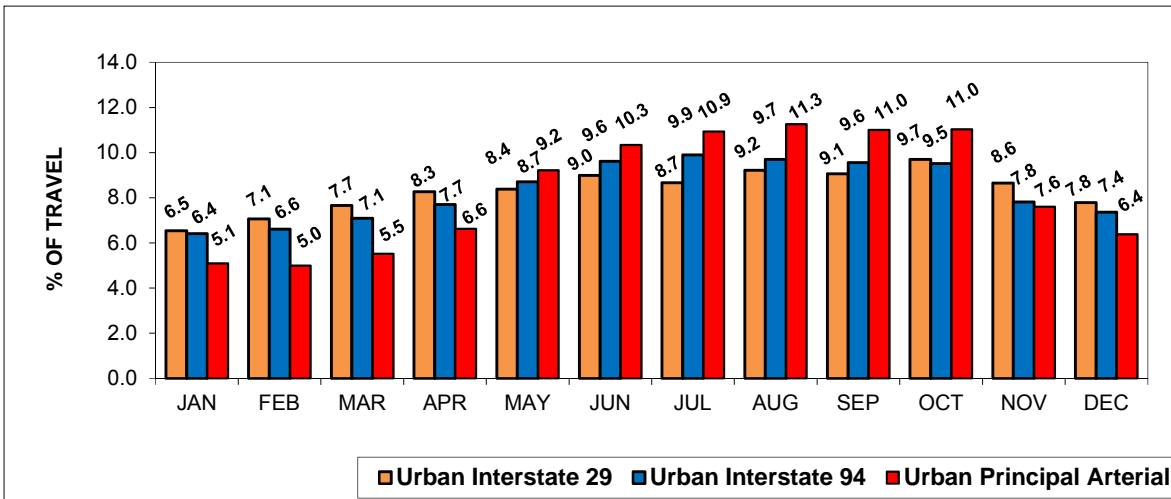
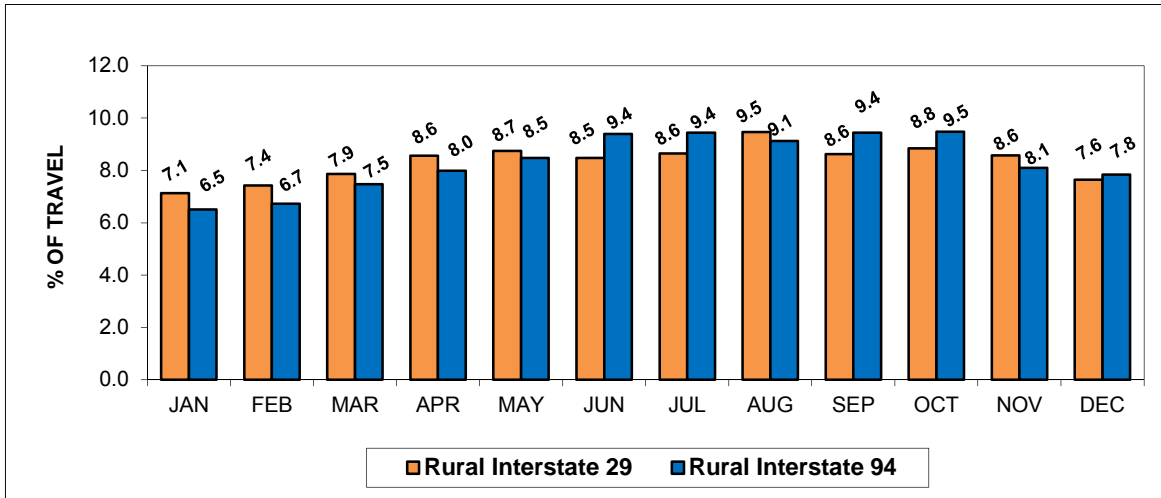
# DAILY DISTRIBUTION OF TRAVEL

## TOTAL TRUCKS

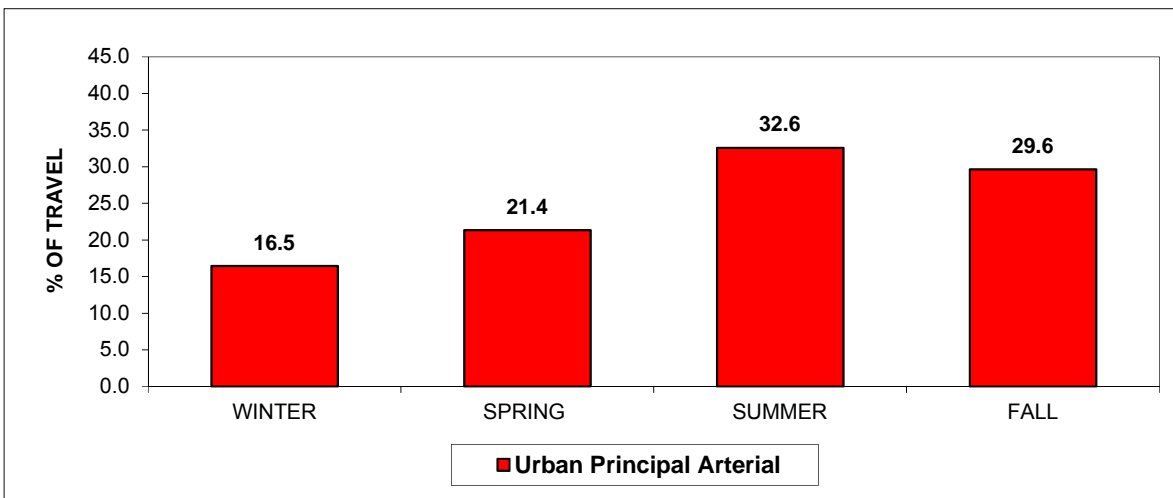
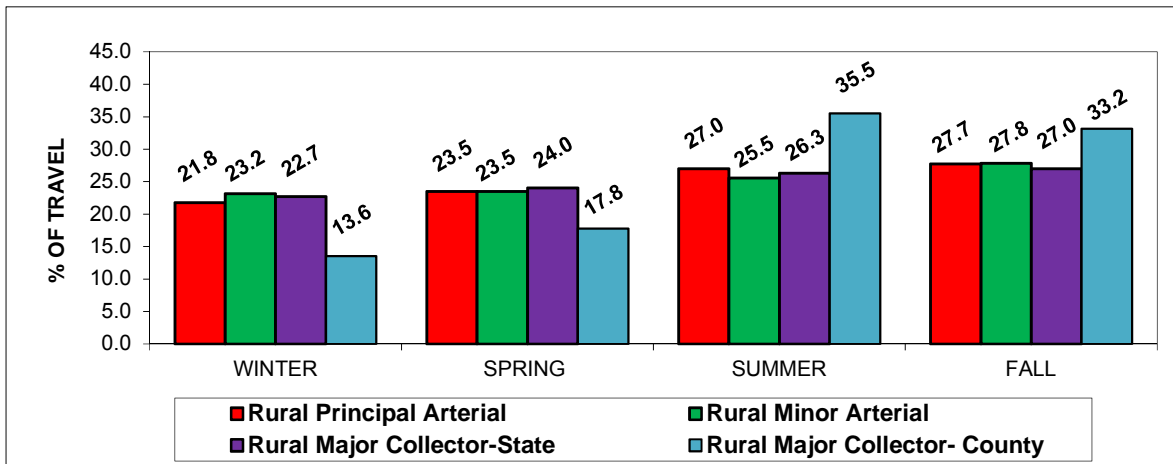
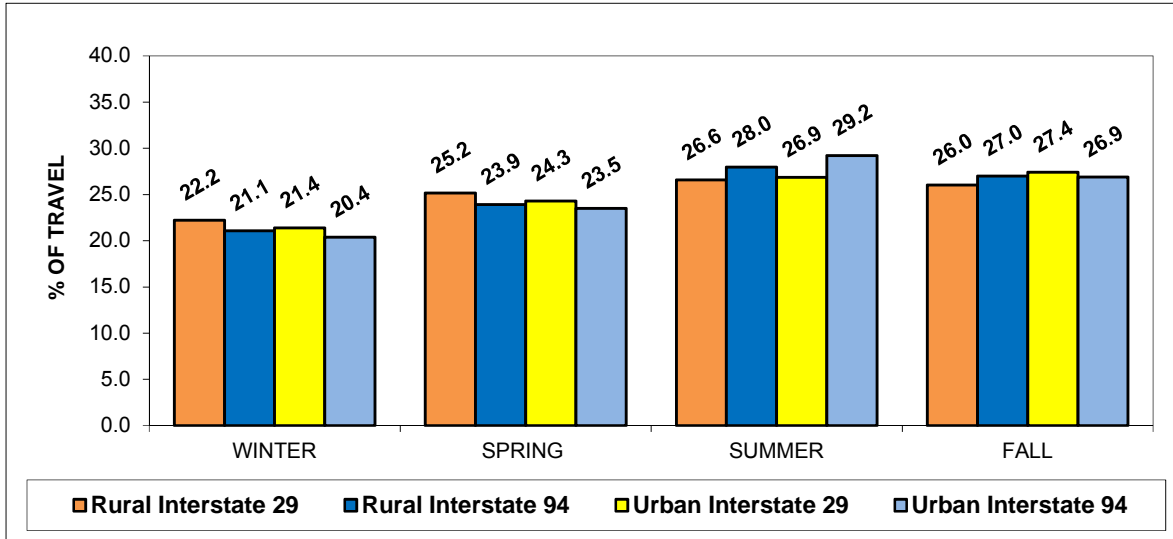


# MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

## TOTAL TRUCKS



## SEASONAL DISTRIBUTION OF TRAVEL TOTAL TRUCKS



**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2014**

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	4319	727	16.8%	509	11.8%	417	55-45
		WEST	4279	802	18.7%	612	14.3%	489	56-44
		EAST & WEST	8598	1,217	14.2%	797	9.3%		
223	NEW SALEM	EAST	4695	612	13.0%	525	11.2%	470	53-47
		WEST	4625	533	11.5%	478	10.3%	502	49-51
		EAST & WEST	9320	967	10.4%	803	8.6%		
245	TOWER CITY	EAST	6048	918	15.2%	742	12.3%	639	54-46
		WEST	6130	1,049	17.1%	774	12.6%	561	58-42
		EAST & WEST	12178	1,442	11.8%	1570	12.9%		
279	PAINTED CANYON	EAST	2536	580	22.9%	329	13.0%	249	57-43
		WEST	2531	513	20.3%	357	14.1%	240	60-40
		EAST & WEST	5067	782	15.4%	507	10.0%		
<b>INTERSTATE RURAL - I-29</b>									
211	BUXTON	NORTH	6060	1,054	17.4%	742	12.2%	609	55-45
		SOUTH	6002	946	15.8%	768	12.8%	375	67-33
		NORTH & SOUTH	12062	1,620	13.4%	1473	12.2%		
243	BOWESMONT	NORTH	1905	484	25.4%	270	14.2%	178	60-40
		SOUTH	1871	477	25.5%	288	15.4%	96	75-25
		NORTH & SOUTH	6807	585	8.6%	378	5.6%		
265	MOORETON	NORTH	3386	535	15.8%	388	11.5%	290	57-43
		SOUTH	3421	484	14.1%	397	11.6%	267	60-40
		NORTH & SOUTH	6807	918	13.5%	627	9.2%		
285	DAVENPORT	NORTH	5623	722	12.8%	659	11.7%	348	65-35
		SOUTH	5653	841	14.9%	729	12.9%	456	62-38
		NORTH & SOUTH	11276	979	8.7%	999	8.9%		
<b>INTERSTATE URBAN - I-94</b>									
217	FARGO (U)	EAST	35161	4,655	13.2%	4194	11.9%	2640	61-39
		WEST	35022	4,365	12.5%	4094	11.7%	2545	62-38
		EAST & WEST	70183	7,348	10.5%	7143	10.2%		
283	BISMARCK (U)	EAST	13891	1,580	11.4%	1503	10.8%	1329	53-47
		WEST	13847	1,650	11.9%	1543	11.1%	1376	53-47
		EAST & WEST	27738	2,951	10.6%	2765	10.0%		
<b>INTERSTATE URBAN - I-29</b>									
235	FARGO (U)	NORTH	15753	2,257	14.3%	1731	11.0%	1695	51-49
		SOUTH	15424	2,284	14.8%	1679	10.9%	1818	48-52
		NORTH & SOUTH	31177	3,868	12.4%	3327	10.7%		
<b>PRINCIPAL ARTERIAL RURAL</b>									
201	RAY	EAST	4339	476	11.0%	406	9.4%	368	52-48
		WEST	4326	483	11.2%	397	9.2%	305	57-43
		EAST & WEST	8665	862	9.9%	754	8.7%		
203	MAX	NORTH	2796	536	19.2%	360	12.9%	216	63-38

**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2014**

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	2733	510	18.7%	368	13.5%	245	60-40
		NORTH & SOUTH	5529	829	15.0%	574	10.4%		
205	GWINNER	EAST	594	112	18.9%	102	17.2%	18	85-15
		WEST	609	134	22.0%	102	16.7%	43	70-30
		EAST & WEST	1203	132	11.0%	120	10.0%		
215	JAMESTOWN	EAST	1824	338	18.5%	204	11.2%	167	55-45
		WEST	1871	241	12.9%	200	10.7%	194	51-49
		EAST & WEST	3695	441	11.9%	333	9.0%		
219	MANDAN	NORTH	827	174	21.0%	101	12.2%	81	55-45
		SOUTH	841	173	20.6%	116	13.8%	59	66-34
		NORTH & SOUTH	1668	265	15.9%	178	10.7%		
221	FAIRFIELD	NORTH	2335	252	10.8%	230	9.9%	153	60-40
		SOUTH	2337	294	12.6%	260	11.1%	120	68-32
		NORTH & SOUTH	4672	363	7.8%	340	7.3%		
229	COOPERSTOWN	EAST	448	89	19.9%	62	13.8%	45	58-42
		WEST	432	126	29.2%	56	13.0%	40	58-42
		EAST & WEST	880	170	19.3%	105	11.9%		
233	FOXHOLM	EAST	1452	201	13.8%	168	11.6%	98	63-37
		WEST	1478	191	12.9%	155	10.5%	89	64-36
		EAST & WEST	2930	339	11.6%	260	8.9%		
237	NEKOMA	NORTH	429	72	16.8%	56	13.1%	32	64-36
		SOUTH	439	78	17.8%	60	13.7%	52	54-46
		NORTH & SOUTH	868	128	14.7%	109	12.6%		
239	NEW TOWN	EAST	3832	460	12.0%	378	9.9%	261	59-41
		WEST	3933	422	10.7%	353	9.0%	281	56-44
		EAST & WEST	7765	773	10.0%	733	9.4%		
241	BOTTINEAU	EAST	678	136	20.1%	98	14.5%	34	74-26
		WEST	704	126	17.9%	88	12.5%	38	70-30
		EAST & WEST	1382	170	12.3%	151	10.9%		
251	HAGUE	NORTH	460	119	25.9%	58	12.6%	53	52-48
		SOUTH	449	80	17.8%	58	12.9%	42	58-42
		NORTH & SOUTH	909	153	16.8%	102	11.2%		
253	RUGBY	EAST	1621	281	17.3%	205	12.6%	173	54-46
		WEST	1571	252	16.0%	200	12.7%	140	59-41
		EAST & WEST	3192	403	12.6%	359	11.2%		
255	CROSBY	EAST	824	113	13.7%	93	11.3%	48	66-34
		WEST	814	110	13.5%	91	11.2%	83	52-48
		EAST & WEST	1638	165	10.1%	143	8.7%		
257	WILLISTON	EAST	1448	151	10.4%	132	9.1%	36	79-21
		WEST	1510	199	13.2%	170	11.3%	88	66-34
		EAST & WEST	2958	206	7.0%	186	6.3%		
261	CARRINGTON	NORTH	893	133	14.9%	116	13.0%	56	67-33
		SOUTH	895	209	23.4%	101	11.3%	90	53-47



**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2014**

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	1788	248	13.9%	188	10.5%		
271	GOLDEN VALLEY	EAST	703	162	23.0%	85	12.1%	72	54-46
		WEST	711	256	36.0%	85	12.0%	46	65-35
		EAST & WEST	1414	201	14.2%	122	8.6%		
273	NEW LEIPZIG	EAST	185	42	22.7%	28	15.1%	9	76-24
		WEST	187	44	23.5%	27	14.4%	18	60-40
		EAST & WEST	372	50	13.4%	44	11.8%		
281	SAWYER	EAST	2640	453	17.2%	396	15.0%	185	68-32
		WEST	2707	433	16.0%	411	15.2%	127	76-24
		EAST & WEST	5347	643	12.0%	595	11.1%		
297	WILLISTON NW	NORTH	1108	166	15.0%	126	11.4%	88	59-41
		SOUTH	1149	170	14.8%	141	12.3%	94	60-40
		NORTH & SOUTH	2257	266	11.8%	227	10.1%		
303	MICHIGAN	EAST	2189	629	28.7%	309	14.1%	245	56-44
		WEST	2177	362	16.6%	292	13.4%	264	53-47
		EAST & WEST	4366	822	18.8%	406	9.3%		
307	WASHBURN	NORTH	3170	534	16.8%	347	10.9%	287	55-45
		SOUTH	3133	523	16.7%	389	12.4%	211	65-35
		NORTH & SOUTH	6303	820	13.0%	652	10.3%		
309	NEWTOWN EAST	EAST	3129	518	16.6%	438	14.0%	214	67-33
		WEST	3064	433	14.1%	380	12.4%	115	77-23
		EAST & WEST	3064	758	24.7%	662	21.6%		
311	WILLISTON 2N	WEST	6780	725	10.7%	565	8.3%		100-
339	GRASSY BUTTE	NORTH	2449	241	9.8%	222	9.1%	180	55-45
		SOUTH	2431	356	14.6%	245	10.1%	184	57-43
		NORTH & SOUTH	4880	405	8.3%	363	7.4%		
447	DUNSEITH E	NORTH	1246	212	17.0%	142	11.4%	102	58-42
		SOUTH	1253	189	15.1%	153	12.2%	35	81-19
		NORTH & SOUTH	2499	268	10.7%	203	8.1%		
<b>MINOR ARTERIAL RURAL</b>									
231	GRAFTON	EAST	1210	162	13.4%	145	12.0%	66	69-31
		WEST	1219	183	15.0%	152	12.5%	64	70-30
		EAST & WEST	2429	297	12.2%	211	8.7%		
247	COURTENAY	NORTH	226	92	40.7%	40	17.7%	11	78-22
		SOUTH	225	108	48.0%	31	13.8%	21	60-40
		NORTH & SOUTH	451	100	22.2%	57	12.6%		
249	GARRISON	EAST	950	201	21.2%	115	12.1%	134	46-54
		WEST	942	173	18.4%	123	13.1%	68	64-36
		EAST & WEST	1892	286	15.1%	196	10.4%		
275	HANNOVER	NORTH	349	91	26.1%	47	13.5%	32	59-41
		SOUTH	338	68	20.1%	44	13.0%	40	52-48

**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2014**

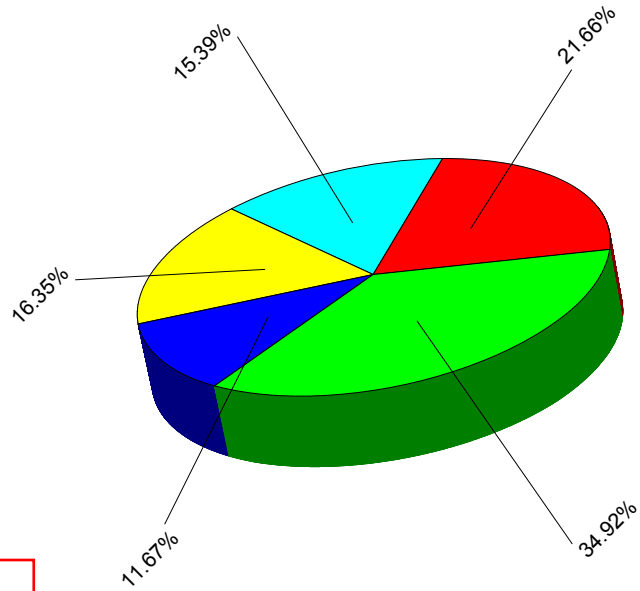
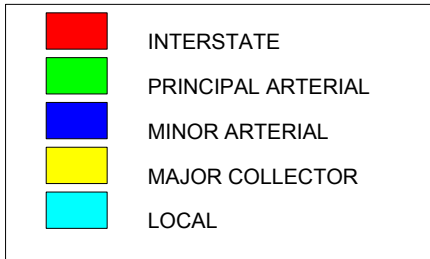
STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
<b>MINOR ARTERIAL RURAL</b>									
275	HANNOVER	NORTH & SOUTH	687	113	16.4%	72	10.5%		
289	MANNING	NORTH	3351	509	15.2%	441	13.2%	185	70-30
		SOUTH	3345	571	17.1%	478	14.3%	217	69-31
		NORTH & SOUTH	6696	629	9.4%	608	9.1%		
291	MARMARTH	EAST	421	77	18.3%	56	13.3%	45	55-45
		WEST	447	96	21.5%	68	15.2%	33	67-33
		EAST & WEST	868	105	12.1%	81	9.3%		
293	KILLDEER	NORTH	2322	408	17.6%	306	13.2%	94	77-24
		SOUTH	2293	419	18.3%	353	15.4%	154	70-30
		NORTH & SOUTH	4615	558	12.1%	392	8.5%		
295	NECHE	NORTH	232	107	46.1%	36	15.5%	19	65-35
		SOUTH	233	79	33.9%	41	17.6%	20	67-33
		NORTH & SOUTH	465	131	28.2%	45	9.7%		
<b>MAJOR COLLECTOR - COUNTY</b>									
101	MINOT55ST NE	NORTH	1207	201	16.7%	172	14.3%	173	50-50
		SOUTH	1318	249	18.9%	177	13.4%	149	54-46
		NORTH & SOUTH	2525	382	15.1%	343	13.6%		
103	MINOT46AV NE	EAST	535	112	20.9%	87	16.3%	56	61-39
		WEST	539	116	21.5%	98	18.2%	63	61-39
		EAST & WEST	1074	150	14.0%	141	13.1%		
225	STERLING	EAST	486	133	27.4%	104	21.4%	32	76-24
		WEST	460	232	50.4%	84	18.3%	72	54-46
		EAST & WEST	946	194	20.5%	135	14.3%		
259	AYR	EAST	163	39	23.9%	25	15.3%	14	64-36
		WEST	164	34	20.7%	25	15.2%	9	74-26
		EAST & WEST	327	62	19.0%	45	13.8%		
277	REGENT	NORTH	176	40	22.7%	29	16.5%	26	53-47
		SOUTH	180	73	40.6%	29	16.1%	14	67-33
		NORTH & SOUTH	356	84	23.6%	50	14.0%		
<b>MAJOR COLLECTOR - STATE</b>									
267	TRENTON	NORTH	2814	503	17.9%	258	9.2%	87	75-25
		SOUTH	2727	439	16.1%	302	11.1%	170	64-36
		NORTH & SOUTH	5541	899	16.2%	410	7.4%		
<b>PRINCIPAL ARTERIAL URBAN</b>									
287	GRAND FORKS	NORTH	10716	1,127	10.5%	1026	9.6%	1085	49-51
		SOUTH	10602	1,259	11.9%	1096	10.3%	1011	52-48
		NORTH & SOUTH	21318	2,284	10.7%	2094	9.8%		
501	FARGO (U)	NORTH	12505	1,635	13.1%	1556	12.4%	925	63-37
		SOUTH	13518	1,660	12.3%	1590	11.8%	1102	59-41
		NORTH & SOUTH	26023	2,899	11.1%	2669	10.3%		

**PERMANENT STATION  
PEAK HOUR & DESIGN HOUR  
STATISTICS FOR 2014**

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 URBAN</b>									
503	BISMARCK (U)	EAST	6841	858	12.5%	808	11.8%	775	51-49
		WEST	6577	861	13.1%	783	11.9%	804	49-51
		EAST & WEST	13418	1,687	12.6%	1583	11.8%		
603	WILLISTON (U)	EAST	5516	854	15.5%	623	11.3%	417	60-40
		WEST	5318	558	10.5%	501	9.4%	666	43-57
		EAST & WEST	10834	1,298	12.0%	1090	10.1%		
605	MANDAN (U)	EAST	9829	1,348	13.7%	971	9.9%	688	59-41
		WEST	10527	1,385	13.2%	1304	12.4%	889	59-41
		EAST & WEST	20356	2,332	11.5%	2223	10.9%		
<b>MINOR ARTERIAL-URBAN</b>									
607	DICKINSON (U)	EAST	1588	409	25.8%	239	15.1%	161	60-40
		WEST	1610	271	16.8%	244	15.2%	82	75-25
		EAST & WEST	3198	421	13.2%	361	11.3%		
611	MINOT (U)	EAST	1418	200	14.1%	167	11.8%	121	58-42
		WEST	1496	236	15.8%	180	12.0%	125	59-41
		EAST & WEST	2914	370	12.7%	326	11.2%		
<b>COLLECTOR URBAN</b>									
609	MINOT (U)	EAST	1496	249	16.6%	184	12.3%	164	53-47
		WEST	1495	235	15.7%	184	12.3%	161	53-47
		EAST & WEST	2991	430	14.4%	355	11.9%		

# 2014 COMPARISON OF VEHICLE MILES TO RURAL ROAD MILES

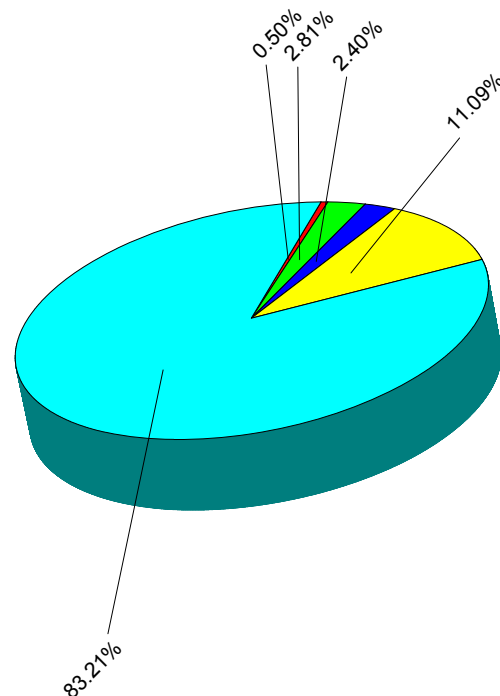
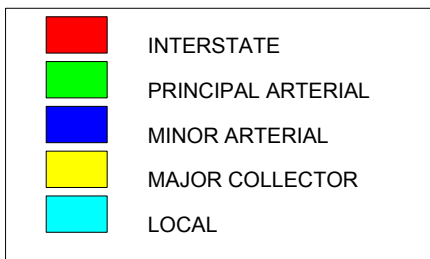
## Vehicle Miles Traveled



### Interesting facts:

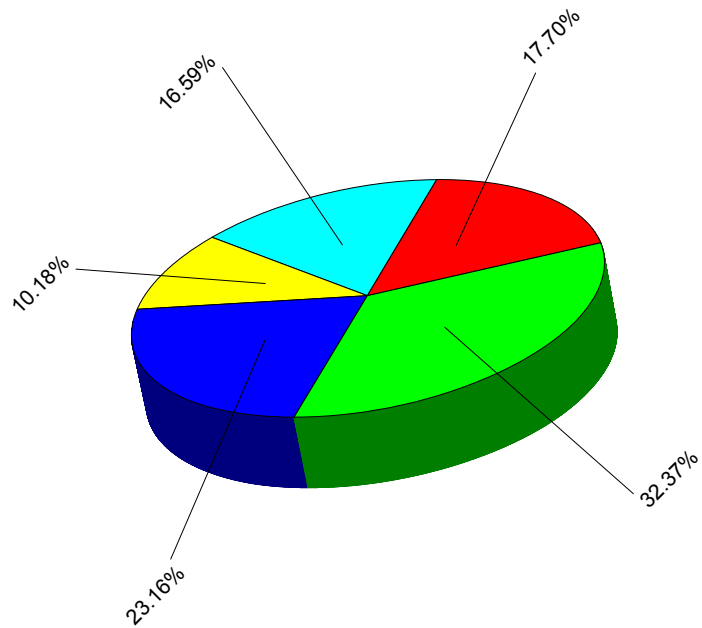
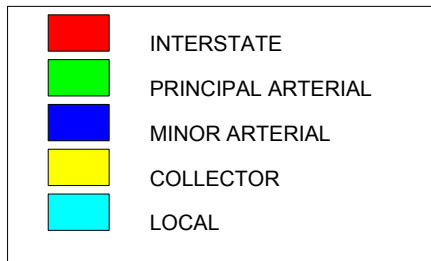
--Local roads comprise about 83% of the roads in the state but carry only about 15% of the traffic.  
 --Interstates comprise less than 1% of the roads but carry almost 22% of the traffic.  
 --Principal Arterials comprise less than 3% of the roads but carry about 35% of the traffic.

## Road Miles



# 2014 COMPARISON OF VEHICLE MILES TO URBAN ROAD MILES

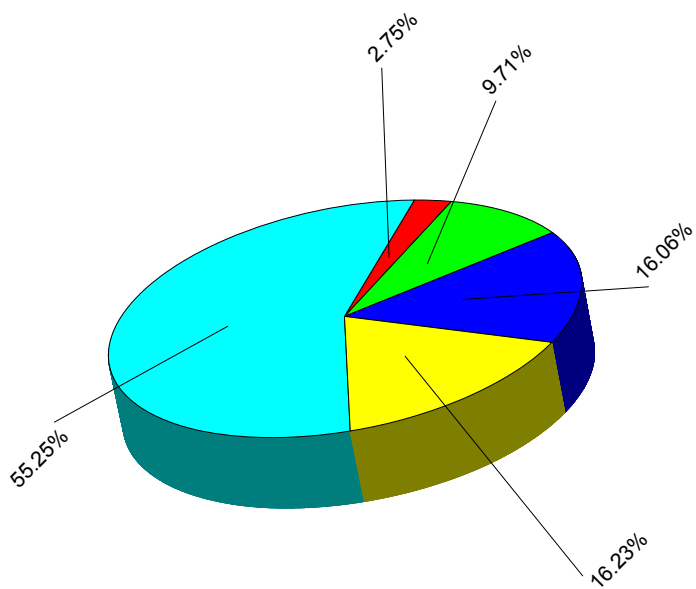
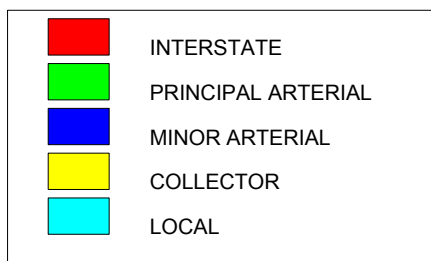
## Vehicle Miles Traveled



**Interesting fact:**

--Local roads comprise about 55% of the urban roads in the state but carry less than 17% of the traffic.

## Road Miles



**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION  
SUMMARY OF 2014 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	141.3	378.0	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	151.7	419.4	0.0	0.0	0.0	571.0	571.0
PRINCIPAL ARTERIAL RURAL	2,808.3	129.2	0.0	0.0	0.0	2,937.5	2,937.5
PRINCIPAL ARTERIAL URBAN	87.3	49.4	0.0	0.0	0.0	136.7	136.7
TOTAL	2,895.6	178.6	0.0	0.0	0.0	3,074.2	3,074.2
MINOR ARTERIAL RURAL	2,513.7	1.5	0.0	0.0	0.0	2,515.1	
MINOR ARTERIAL URBAN	7.1	2.4	0.0	0.0	0.0	9.5	
TOTAL	2,520.8	3.9	0.0	0.0	0.0	2,524.6	
MAJOR COLLECTOR	1,158.0	6.3	0.0	0.0	0.0	1,164.3	
TOTAL	1,158.0	6.3	0.0	0.0	0.0	1,164.3	
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>6,769.0</b>	<b>608.1</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>7,377.6</b>	<b>3,645.2</b>
<b>COUNTY</b>							
MAJOR COLLECTOR RURAL	4,462.3	45.5	5,679.5	3.0	1.5	10,191.8	
MAJOR COLLECTOR CITY	193.7	4.4	68.6	0.1	0.0	266.9	
TOTAL	4,656.1	49.9	5,748.1	3.1	1.5	10,458.7	
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	1,062.0	35.7	52,294.1	6,342.9	25,192.0	84,926.7	
LOCAL ROADS CITY	1,071.5	5.3	979.8	43.6	122.8	2,222.9	
TOTAL	2,133.5	41.0	53,273.9	6,386.5	25,314.9	87,149.7	
<b>TOTAL COUNTY SYSTEM</b>	<b>6,792.1</b>	<b>90.8</b>	<b>59,021.9</b>	<b>6,389.6</b>	<b>25,316.4</b>	<b>97,610.8</b>	<b>2.5</b>
<b>URBAN</b>							
PRINCIPAL ARTERIAL	26.8	19.5	0.0	0.0	0.0	46.4	44.8
MINOR ARTERIAL	220.6	47.7	24.6	0.4	0.0	293.3	
COLLECTOR	236.8	45.7	22.7	0.0	0.7	305.9	
LOCAL STREETS	735.1	147.2	141.9	1.1	13.2	1,038.6	
<b>TOTAL URBAN SYSTEM</b>	<b>1,219.3</b>	<b>260.2</b>	<b>189.2</b>	<b>1.4</b>	<b>13.9</b>	<b>1,684.2</b>	<b>44.8</b>
<b>TOTAL RURAL ROADS</b>	<b>13,453.5</b>	<b>605.8</b>	<b>59,022.4</b>	<b>6,389.6</b>	<b>25,316.4</b>	<b>104,787.7</b>	
<b>TOTAL CITY STREETS</b>	<b>1,326.9</b>	<b>353.4</b>	<b>189.2</b>	<b>1.4</b>	<b>13.9</b>	<b>1,884.9</b>	
<b>TOTAL</b>	<b>14,780.4</b>	<b>959.2</b>	<b>59,211.7</b>	<b>6,391.0</b>	<b>25,330.3</b>	<b>106,672.6</b>	
<b>TOTAL NHS</b>							<b>3,692.5</b>

**FUNCTIONAL SYSTEM MILEAGE**

SYSTEM	RURAL	URBAN	TOTAL
INTERSTATE	519.3	51.7	571.0
PRINCIPAL	2,940.0	183.1	3,123.1
MINOR	2,515.1	302.8	2,817.9
COLLECTOR	11,622.9	305.9	11,928.8
LOCAL	87,190.4	1,041.4	88,231.7
<b>TOTAL</b>	<b>104,787.7</b>	<b>1,884.9</b>	<b>106,672.6</b>

**2014 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	43,067	183,632	79,242	56,133	45,517	407,592
DEVILS LAKE		19,363	5,183	6,532	5,587	36,665
DICKINSON	16,548	42,300	39,907	15,855	33,103	147,714
FARGO	239,319	160,919	197,525	66,467	160,544	824,775
GRAND FORKS	13,616	115,437	55,029	35,049	37,784	256,915
JAMESTOWN	17,562	26,104	9,915	9,232	13,357	76,170
MANDAN	57,832	41,890	31,762	8,297	10,496	150,276
MINOT		139,738	70,044	20,644	52,600	283,026
VALLEY CITY	19,275	5,482	5,962	4,210	6,311	41,241
WAHPETON		11,515	8,332	4,585	10,881	35,313
WEST FARGO	47,246	19,170	51,946	15,800	24,237	158,398
WILLISTON		65,433	39,707	18,616	25,575	149,331
<b>TOTAL</b>	<b>454,464</b>	<b>830,984</b>	<b>594,554</b>	<b>261,422</b>	<b>425,992</b>	<b>2,567,416</b>

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

## 2014 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		15,392	4,350	1,622	4,869	8,397	34,631
BARNES	138,757	11,316	13,599	2,744	17,344	21,952	205,711
BENSON		57,558	16,139	276	9,020	22,789	105,782
BILLINGS	34,925	44,324	1,748		10,531	27,961	119,489
BOTTINEAU		46,680	5,029	7,580	24,695	26,503	110,486
BOWMAN		28,292	9,663	1,028	8,218	12,510	59,710
BURKE		28,788	4,558	13,353	7,158	22,254	76,111
BURLEIGH	102,288	82,799	9,891	16,727	50,065	20,518	282,290
CASS	334,867		45,885	5,343	72,655	50,202	508,953
CAVALIER		23,613	2,956	5,205	6,201	19,851	57,826
DICKEY		14,449	18,946	911	8,234	12,686	55,226
DIVIDE		32,015	3,122	4,401	13,328	38,231	91,097
DUNN		36,904	117,243	3,487	35,586	30,158	223,378
EDDY		11,683	5,907		3,455	9,443	30,489
EMMONS		29,530	3,311	4,938	4,224	15,708	57,711
FOSTER		30,328	1,752		5,481	10,564	48,124
GOLDEN VALLEY	28,489			8,330	5,540	9,364	51,723
GRAND FORKS	139,948	89,193	34,206	2,276	69,808	36,297	371,727
GRANT		8,606	9,197		4,546	11,485	33,835
GRIGGS		13,077	3,641	1,370	4,870	8,344	31,302
HETTINGER		16,707	7,636		6,123	9,694	40,160
KIDDER	83,559	10,919	3,548		8,724	11,139	117,887
LAMOURE		34,835	461	273	9,689	10,468	55,727
LOGAN		6,898	5,075	1,789	1,769	8,243	23,773
MC HENRY		87,608	12,971	1,068	15,069	21,539	138,255
MC INTOSH		8,425	7,770		4,469	11,082	31,745
MC KENZIE		382,616	82,322	58,832	95,129	50,616	669,514
MC LEAN		135,356	27,698	10,248	18,350	37,487	229,139
MERCER		54,895	803	6,537	20,350	16,649	99,234
MORTON	192,779	25,932	34,724	3,661	23,025	18,016	298,138
MOUNTRAIL		207,165	80,159	4,500	51,406	43,050	386,279
NELSON		40,762	8,942	1,111	5,749	12,304	68,867
OLIVER		6,531	14,871	2,270	5,155	4,854	33,681
PEMBINA	43,643	21,830	25,970	5,652	13,938	22,235	133,268
PIERCE		40,330	3,067	2,173	3,289	10,309	59,168
RAMSEY		71,474	21,540		10,341	14,722	118,078
RANSOM			26,408		8,897	16,768	52,072
RENVILLE		19,176	2,366	4,560	10,355	12,388	48,844
RICHLAND	113,367	35,924	34,466		23,916	37,648	245,322
ROLETTE		46,677	2,895	7,387	11,804	27,170	95,933
SARGENT		18,811	19,094		9,400	12,995	60,300
SHERIDAN		11,194	3,402	214	3,548	9,913	28,272
SIOUX		6,381	21,057	4,317	8,306	2,947	43,009
SLOPE		23,561	2,844	1,105	2,704	5,555	35,770
STARK	175,700	37,802	33,463		47,288	21,894	316,146
STEELE		8,582	5,985	2,208	6,621	12,804	36,200
STUTSMAN	126,422	54,750	16,530	2,760	19,653	22,960	243,074
TOWNER		14,883	4,399	2,770	3,318	12,000	37,371
TRAILL	137,198	17,744	7,626	6,508	27,779	22,147	219,002
WALSH	52,603	26,944	40,322	1,314	19,397	22,919	163,499
WARD		347,458		6,074	63,377	61,996	478,905
WELLS		58,249	3,508	730	5,928	15,070	83,483
WILLIAMS		263,099	45,516	74,581	63,766	176,487	623,449
<b>TOTAL</b>	<b>1,704,546</b>	<b>2,748,064</b>	<b>918,579</b>	<b>292,234</b>	<b>994,459</b>	<b>1,211,283</b>	<b>7,869,164</b>

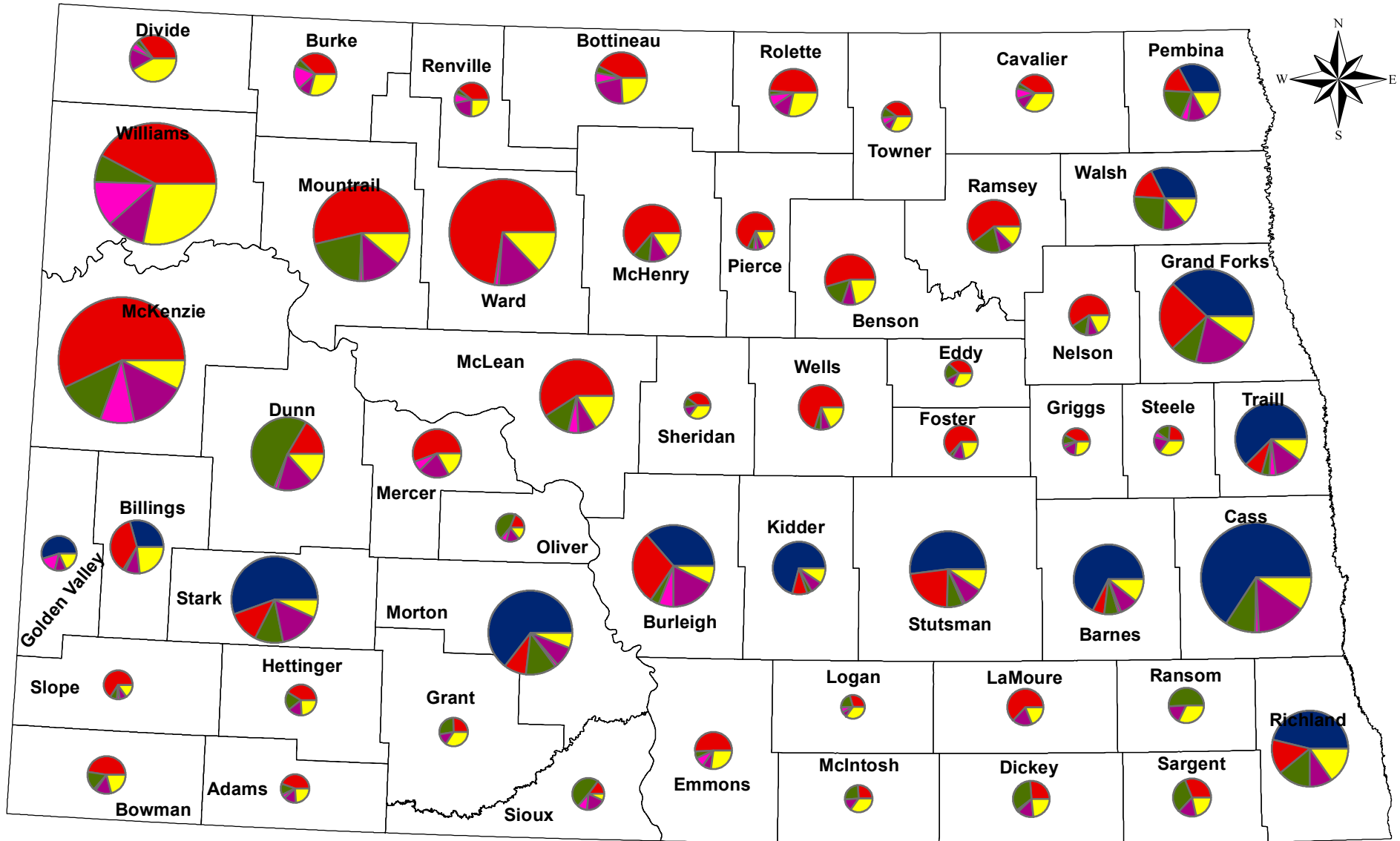


## 2014 ANNUAL VEHICLE MILES OF TRAVEL BY COUNTY

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

COUNTY	RURAL	URBAN	COUNTY TOTAL	PERCENT OF STATE TRAVEL
ADAMS	34,631		34,631	0.33%
BARNES	205,711	41,241	246,953	2.37%
BENSON	105,782		105,782	1.01%
BILLINGS	119,489		119,489	1.14%
BOTTINEAU	110,486		110,486	1.06%
BOWMAN	59,710		59,710	0.57%
BURKE	76,111		76,111	0.73%
BURLEIGH	282,290	407,592	689,882	6.61%
CASS	508,953	983,173	1,492,126	14.30%
CAVALIER	57,826		57,826	0.55%
DICKEY	55,226		55,226	0.53%
DIVIDE	91,097		91,097	0.87%
DUNN	223,378		223,378	2.14%
EDDY	30,489		30,489	0.29%
EMMONS	57,711		57,711	0.55%
FOSTER	48,124		48,124	0.46%
GOLDEN VALLEY	51,723		51,723	0.50%
GRAND FORKS	371,727	256,915	628,642	6.02%
GRANT	33,835		33,835	0.32%
GRIGGS	31,302		31,302	0.30%
HETTINGER	40,160		40,160	0.38%
KIDDER	117,887		117,887	1.13%
LAMOURE	55,727		55,727	0.53%
LOGAN	23,773		23,773	0.23%
MC HENRY	138,255		138,255	1.32%
MC INTOSH	31,745		31,745	0.30%
MC KENZIE	669,514		669,514	6.42%
MC LEAN	229,139		229,139	2.20%
MERCER	99,234		99,234	0.95%
MORTON	298,138	150,276	448,414	4.30%
MOUNTRAIL	386,279		386,279	3.70%
NELSON	68,867		68,867	0.66%
OLIVER	33,681		33,681	0.32%
PEMBINA	133,268		133,268	1.28%
PIERCE	59,168		59,168	0.57%
RAMSEY	118,078	36,665	154,743	1.48%
RANSOM	52,072		52,072	0.50%
RENVILLE	48,844		48,844	0.47%
RICHLAND	245,322	35,313	280,635	2.69%
ROLETTE	95,933		95,933	0.92%
SARGENT	60,300		60,300	0.58%
SHERIDAN	28,272		28,272	0.27%
SIOUX	43,009		43,009	0.41%
SLOPE	35,770		35,770	0.34%
STARK	316,146	147,714	463,860	4.44%
STEELE	36,200		36,200	0.35%
STUTSMAN	243,074	76,170	319,244	3.06%
TOWNER	37,371		37,371	0.36%
TRAILL	219,002		219,002	2.10%
WALSH	163,499		163,499	1.57%
WARD	478,905	283,026	761,931	7.30%
WELLS	83,483		83,483	0.80%
WILLIAMS	623,449	149,331	772,780	7.40%
<b>TOTAL</b>	<b>7,869,164</b>	<b>2,567,416</b>	<b>10,436,581</b>	<b>100.00%</b>

# 2014 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASSIFICATION



(46)

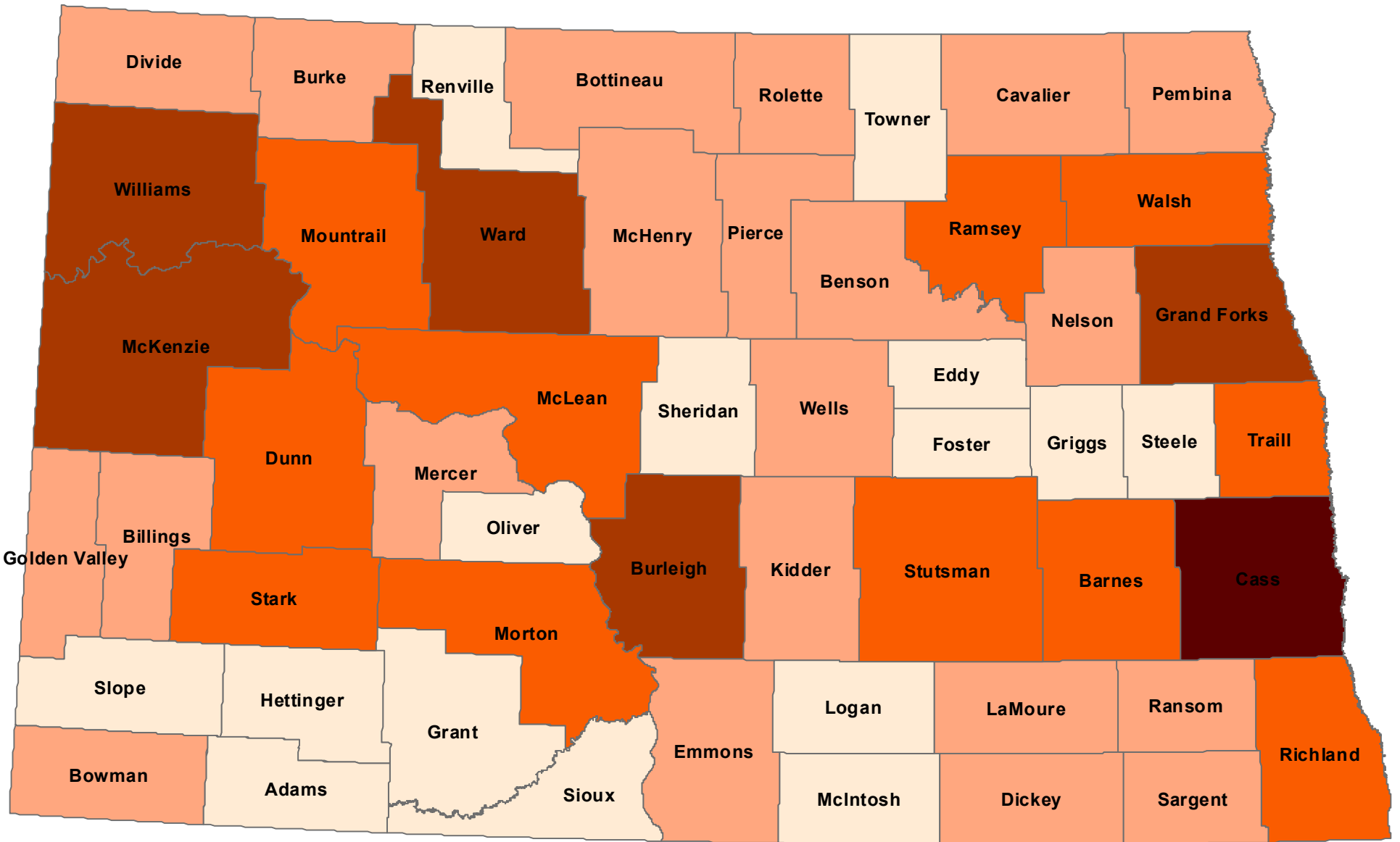
## FUNCTIONAL CLASSES

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

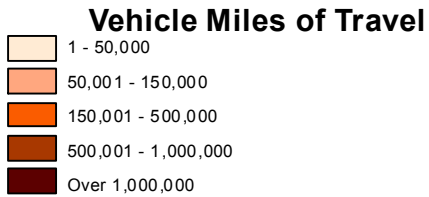
NOTES: - Data from page 44 of this report.  
 - The size of each individual pie chart is representative of the total VMT in that county.

Planning & Asset Management Division  
 Roadway Data  
 December 2014

# 2014 TOTAL ANNUAL VEHICLE MILES OF TRAVEL



(47)



NOTES: - Data from page 45 of this report.  
 - Vehicle miles of travel shown in thousands.

Planning & Asset Management Division  
 Roadway Data Section  
 December 2014

## Daily Truck VMT for Statewide

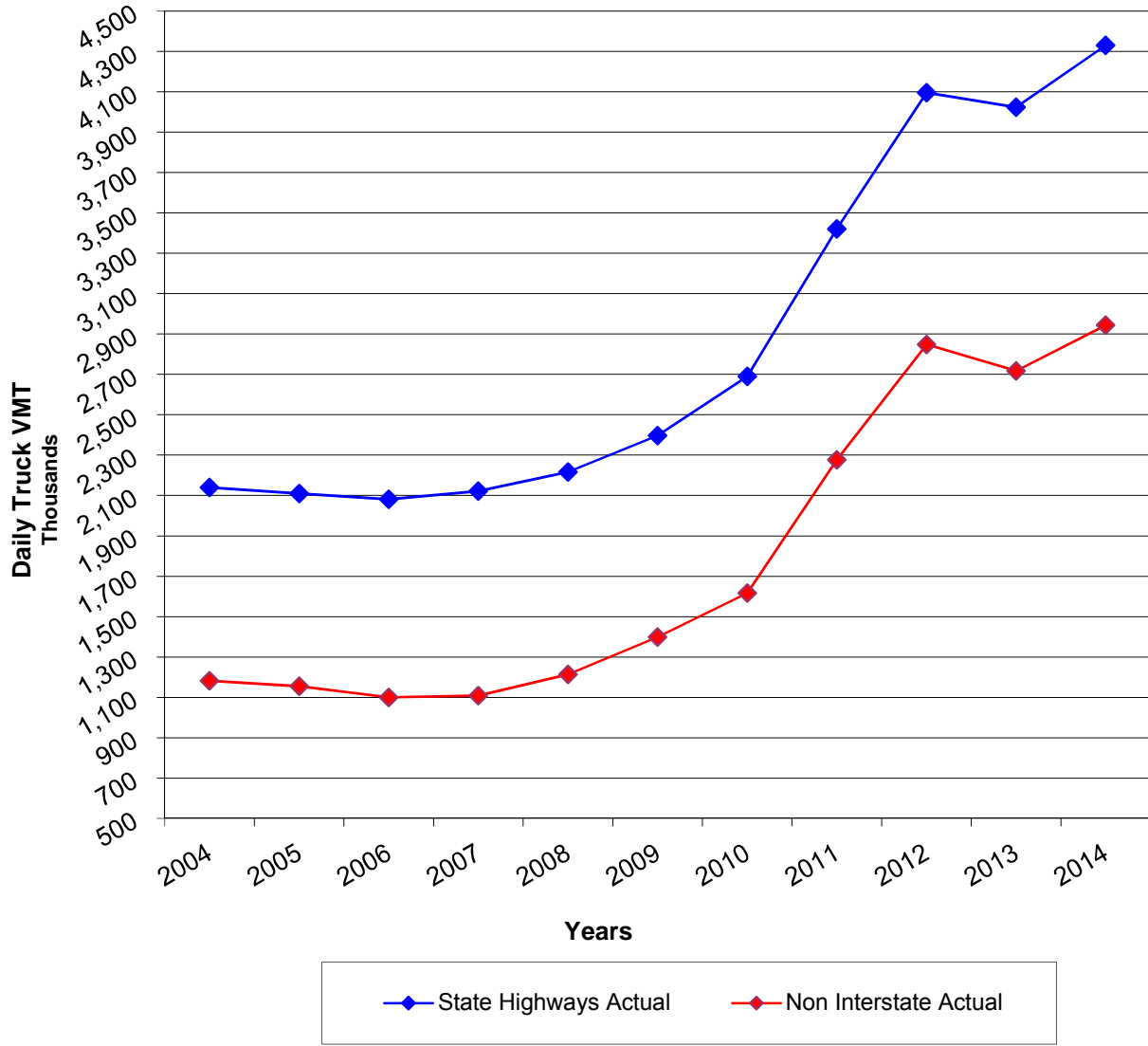
### All State Highways

Years	Total Daily VMT	Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1999	12,280,850	1,734,787	14.13%	10.13%
2000	12,161,423	1,784,956	14.68%	10.68%
2001	12,069,946	1,959,965	16.24%	12.24%
2002	12,372,609	2,065,392	16.69%	12.69%
2003	12,584,059	2,132,255	16.94%	12.94%
2004	12,834,849	2,139,703	16.67%	12.67%
2005	12,843,726	2,109,678	16.43%	12.43%
2006	12,864,635	2,081,109	16.18%	12.18%
2007	13,143,830	2,121,611	16.14%	12.14%
2008	13,070,318	2,216,080	16.96%	12.96%
2009	13,924,765	2,397,242	17.22%	13.22%
2010	14,820,481	2,690,766	18.16%	14.16%
2011	16,243,388	3,420,858	21.06%	17.06%
2012	18,271,885	4,096,544	22.42%	18.42%
2013	17,989,449	4,023,974	22.37%	18.37%
2014	18,471,109	4,329,803	23.44%	19.44%

### Non Interstate Highways

Years	Total Daily VMT	Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1999	8,221,039	992,840	12.08%	9.08%
2000	7,987,867	995,695	12.47%	9.47%
2001	7,872,873	1,092,789	13.88%	10.88%
2002	7,998,087	1,169,617	14.62%	11.62%
2003	8,063,953	1,210,348	15.01%	12.01%
2004	8,106,756	1,181,721	14.58%	11.58%
2005	8,161,190	1,154,376	14.14%	11.14%
2006	8,177,826	1,100,032	13.45%	10.45%
2007	8,131,192	1,108,160	13.63%	10.63%
2008	8,242,828	1,213,812	14.73%	11.73%
2009	8,831,321	1,398,467	15.84%	12.84%
2010	9,480,532	1,616,106	17.05%	14.05%
2011	10,638,070	2,276,547	21.40%	18.40%
2012	12,413,930	2,847,472	22.94%	19.94%
2013	12,030,186	2,717,706	22.59%	19.59%
2014	12,564,043	2,943,663	23.43%	20.43%

### Daily Truck VMT for Statewide



## Daily Truck VMT for Interstate

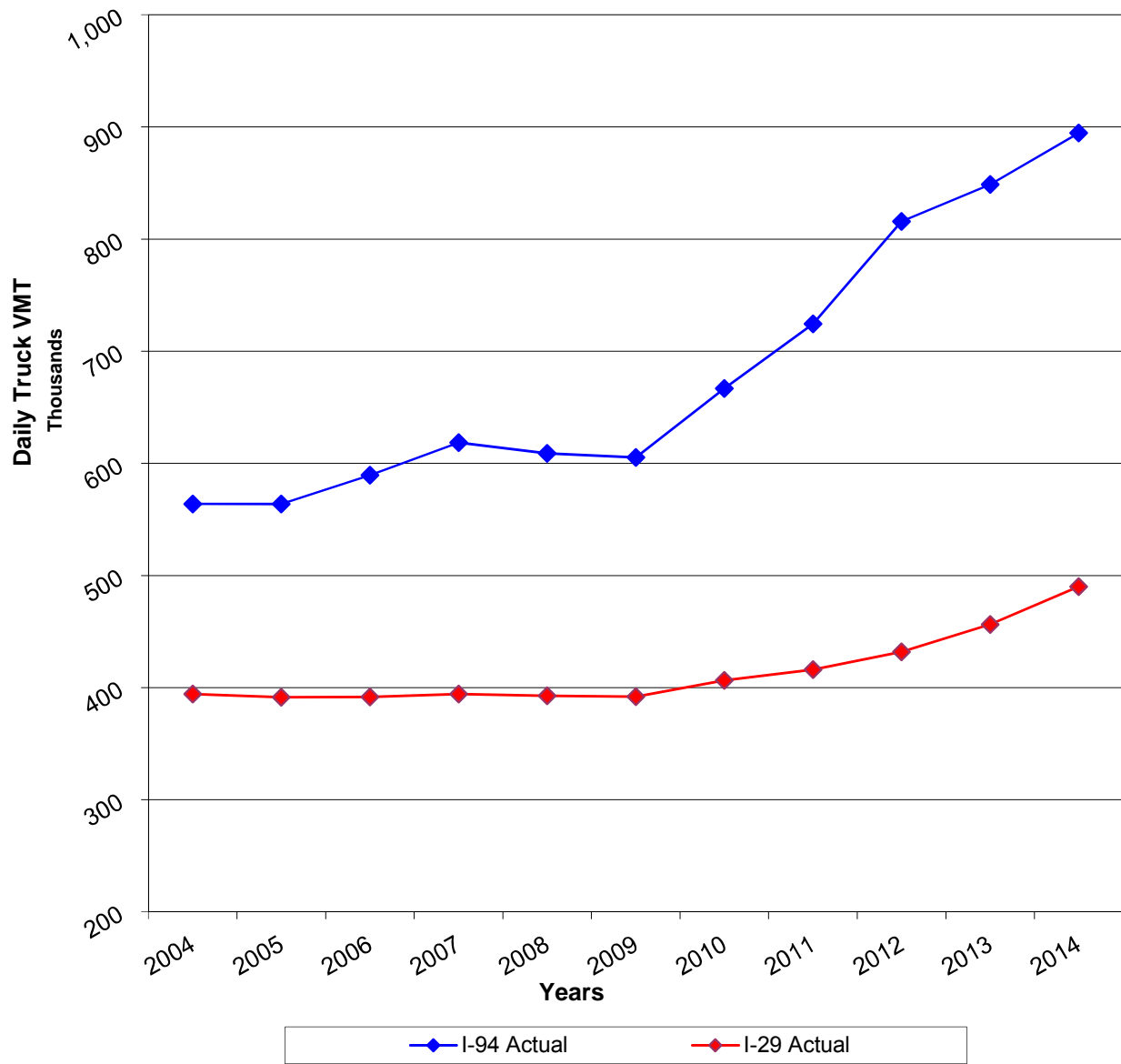
### I-94

<b>Years</b>	<b>Total Daily VMT</b>	<b>Total Daily Truck VMT</b>	<b>% Total Trucks</b>	<b>% Combination Trucks</b>
1999	2,433,087	446,754	18.36%	14.36%
2000	2,556,535	470,392	18.40%	14.40%
2001	2,526,691	521,943	20.66%	16.66%
2002	2,635,093	524,858	19.92%	15.92%
2003	2,692,975	536,105	19.91%	15.91%
2004	2,860,897	563,806	19.71%	15.71%
2005	2,821,424	563,819	19.98%	15.98%
2006	2,798,960	589,420	21.06%	17.06%
2007	3,017,981	618,409	20.49%	16.49%
2008	2,850,232	608,886	21.36%	17.36%
2009	3,023,712	605,289	20.02%	16.02%
2010	3,234,497	666,693	20.61%	16.61%
2011	3,521,263	724,509	20.58%	16.58%
2012	3,728,705	815,713	21.88%	17.88%
2013	3,775,960	848,651	22.48%	18.48%
2014	3,733,347	894,610	23.96%	19.96%

### I-29

<b>Years</b>	<b>Total Daily VMT</b>	<b>Total Daily Truck VMT</b>	<b>% Total Trucks</b>	<b>% Combination Trucks</b>
1999	1,626,724	295,193	18.15%	15.15%
2000	1,617,021	318,869	19.72%	16.72%
2001	1,670,382	345,233	20.67%	17.67%
2002	1,739,429	370,917	21.32%	18.32%
2003	1,827,132	385,802	21.12%	18.12%
2004	1,867,196	394,176	21.11%	18.11%
2005	1,861,112	391,483	21.03%	18.03%
2006	1,887,849	391,657	20.75%	17.75%
2007	1,972,376	394,295	19.99%	16.99%
2008	1,954,977	392,635	20.08%	17.08%
2009	2,048,101	392,097	19.14%	16.14%
2010	2,083,822	406,578	19.51%	16.51%
2011	2,045,921	416,022	20.33%	17.33%
2012	2,097,150	431,954	20.60%	17.60%
2013	2,160,887	456,211	21.11%	18.11%
2014	2,151,302	490,126	22.78%	19.78%

### Daily Truck VMT for Interstate



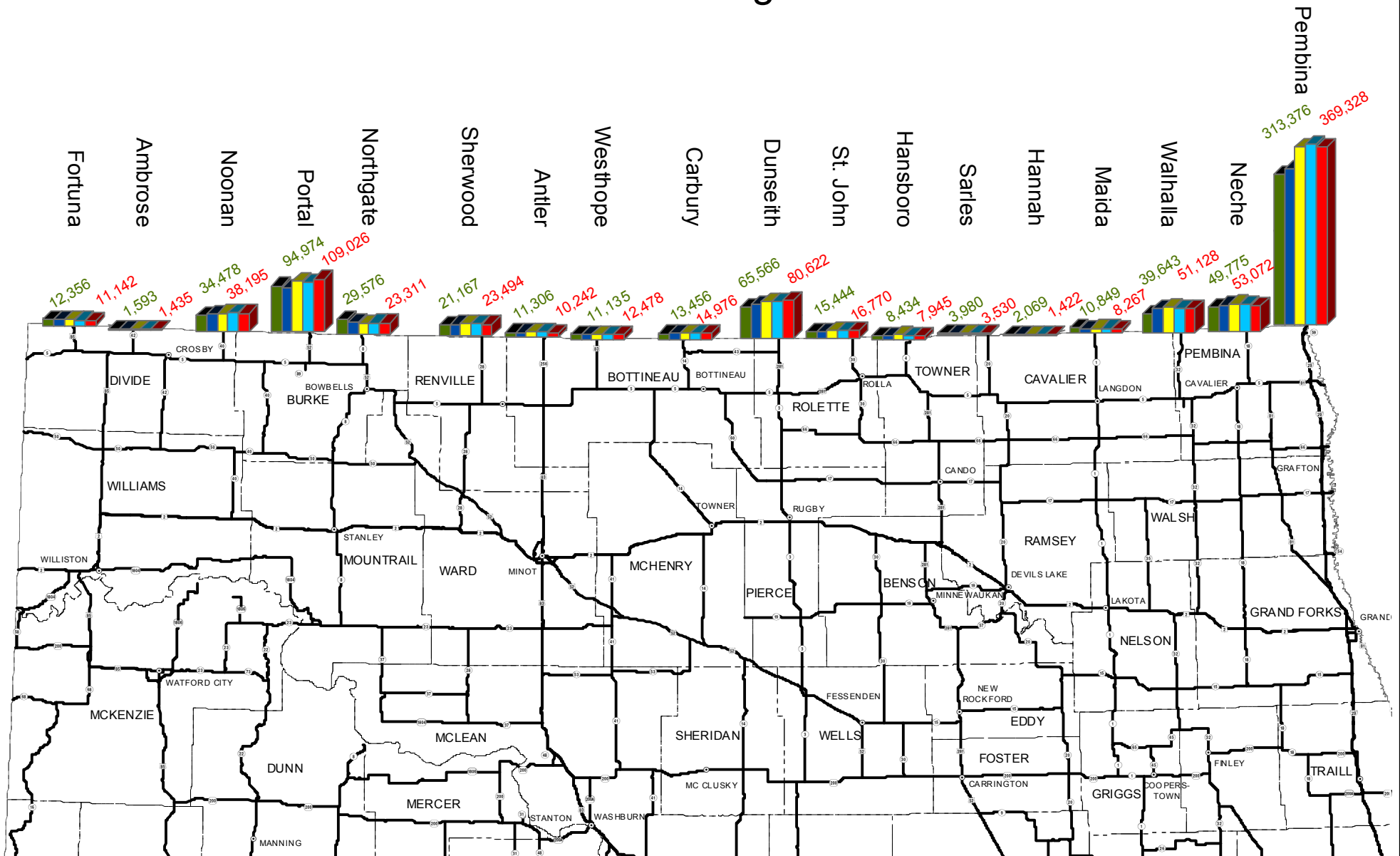
**BORDER CROSSINGS**  
(VEHICLES ENTERING THE UNITED STATES FROM CANADA)

PORT OF ENTRY	HWY	----- AUTOMOBILES -----			----- TRUCKS -----		
		FISCAL 2013	FISCAL 2014	% CHANGE	FISCAL 2013	FISCAL 2014	% CHANGE
FORTUNA	85	11,520	11,142	-3.28%	3,636	3,319	-8.72%
AMBROSE	42	1,674	1,435	-14.28%	168	93	-44.64%
NOONAN	40	39,513	38,195	-3.34%	5,306	3,405	-35.83%
PORTAL	52	101,316	109,026	7.61%	99,545	99,019	-0.53%
NORTHGATE	8	23,193	23,311	0.51%	6,340	9,923	56.51%
SHERWOOD	28	24,126	23,494	-2.62%	6,004	9,785	62.97%
ANTLER	256	11,913	10,242	-14.03%	1,151	1,132	-1.65%
WESTHOPE	83	12,790	12,478	-2.44%	4,742	5,502	16.03%
CARBURY	14	15,950	14,976	-6.11%	337	1,009	199.41%
DUNSEITH	281	76,499	80,622	5.39%	25,123	28,596	13.82%
ST. JOHN	30	16,799	16,770	-0.17%	612	542	-11.44%
HANSBORO	4	7,831	7,945	1.46%	857	723	-15.64%
SARLES	20	3,769	3,530	-6.34%	869	854	-1.73%
HANNAH	CMC 1013	1,667	1,422	-14.70%	179	83	-53.63%
MAIDA	1	8,763	8,267	-5.66%	1,708	2,743	60.60%
WALHALLA	32	50,227	51,128	1.79%	10,714	14,973	39.75%
NECHE	18	55,470	53,072	-4.32%	11,570	9,793	-15.36%
PEMBINA	I-29	375,628	369,328	-1.68%	218,493	228,967	4.79%
<b>TOTAL</b>		<b>838,648</b>	<b>836,383</b>	<b>-0.27%</b>	<b>397,354</b>	<b>420,461</b>	<b>5.82%</b>



# Total Auto Volume Entering from Canada

(53)



## Bar Chart Years

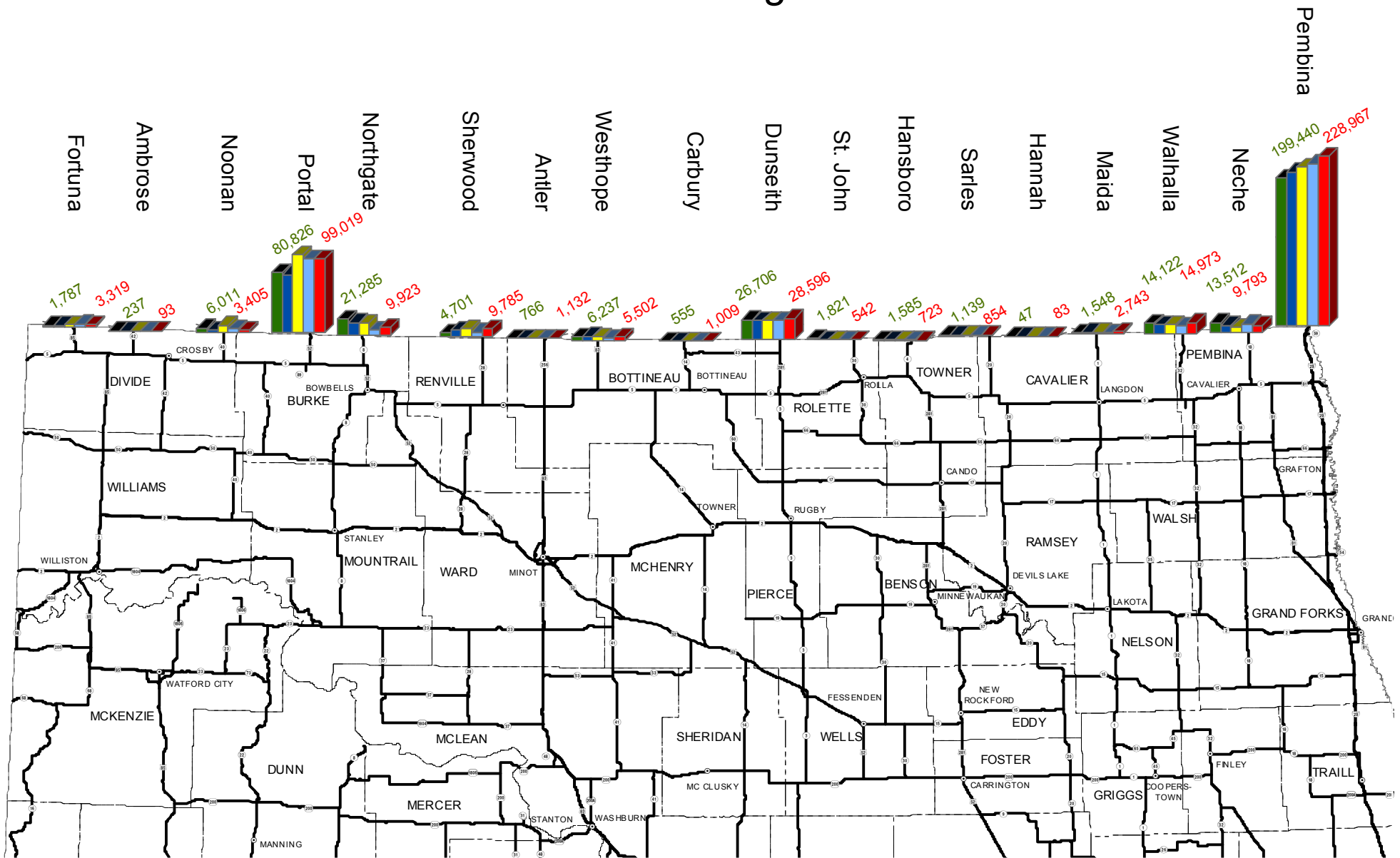
- 2010
- 2011
- 2012
- 2013
- 2014

NOTE: - The size of the bar chart corresponds to total autos by border crossing.  
 - The numbers given above the charts are for the years 2010 (green) and 2014 (red).  
 - This border crossing data is provided by the U.S. Department of Homeland Security.  
 - The reporting period was for the 2014 fiscal year which ran from Oct. 1, 2013 to Sept. 30, 2014.



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 Roadway Data  
 December 2014

# Total Truck Volume Entering from Canada



(54)

## Bar Chart Years



NOTE: - The size of the bar chart corresponds to total trucks by border crossing.  
 - The numbers given above the charts are for the years 2010 (green) and 2014 (red).  
 - This border crossing data is provided by the U.S. Department of Homeland Security.  
 - The reporting period was for the 2014 fiscal year which ran from Oct. 1, 2013 to Sept. 30, 2014.



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