

NORTH DAKOTA 2007 TRAFFIC REPORT



**North Dakota Department of Transportation
Planning and Programming Division
Roadway Data / Traffic Section**

April 2008

NORTH DAKOTA 2007 TRAFFIC REPORT

Prepared by
**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
BISMARCK, NORTH DAKOTA**
www.dot.nd.gov

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OVERVIEW

This report contains summaries of data obtained from studies conducted in 2007 by North Dakota Department of Transportation Planning and Programming 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 (ATR*s) continuously record hourly volumes of traffic throughout the year. The counter locations are shown on the map on the page 8. A list of ATR stations and locations are presented on pages 6 and 7.
2. Short-term (48-hour) traffic counts obtained with portable equipment. Short-term counts were obtained at approximately 3000 locations on various highways, roads, and streets over the southeastern 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 Collection Section of the Planning and Programming Division of the North Dakota Department of Transportation, 608 East Boulevard Avenue, Bismarck, ND 58505-0700, (701) 328-1893. Maps with all of our traffic counts can be accessed on the DOT 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)	REGISTRATIONS (1000'S)	PERSON PER VEHICLE	GALLON OF GAS AND FUEL TAXED (MILLIONS)	VEHICLES PER 100 PERSONS	ANNUAL MILES PER VEHICLE	ANNUAL TRAVEL PER CAPITA	ANNUAL VEHICLES 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
1984	686	661	1.04	419	96.40	8,327	8,023	5,504

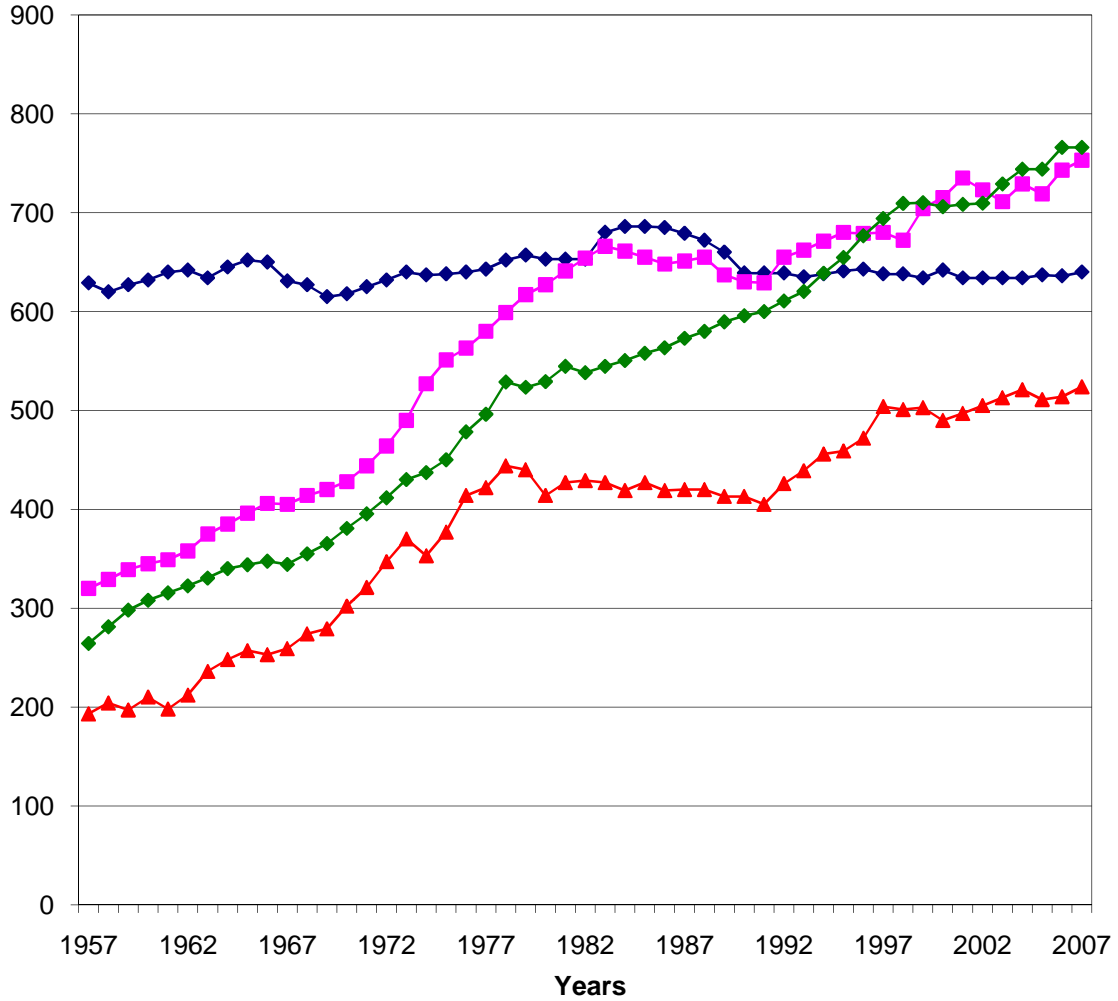
HISTORY OF TRAFFIC AND RELATED DATA

YEAR	POPULATION (1000'S)	REGISTRATIONS (1000'S)	PERSON PER VEHICLE	GALLON OF GAS AND FUEL TAXED (MILLIONS)	VEHICLES PER 100 PERSONS	ANNUAL MILES PER VEHICLE	ANNUAL TRAVEL PER CAPITA	ANNUAL VEHICLES MILES (MILLIONS)
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

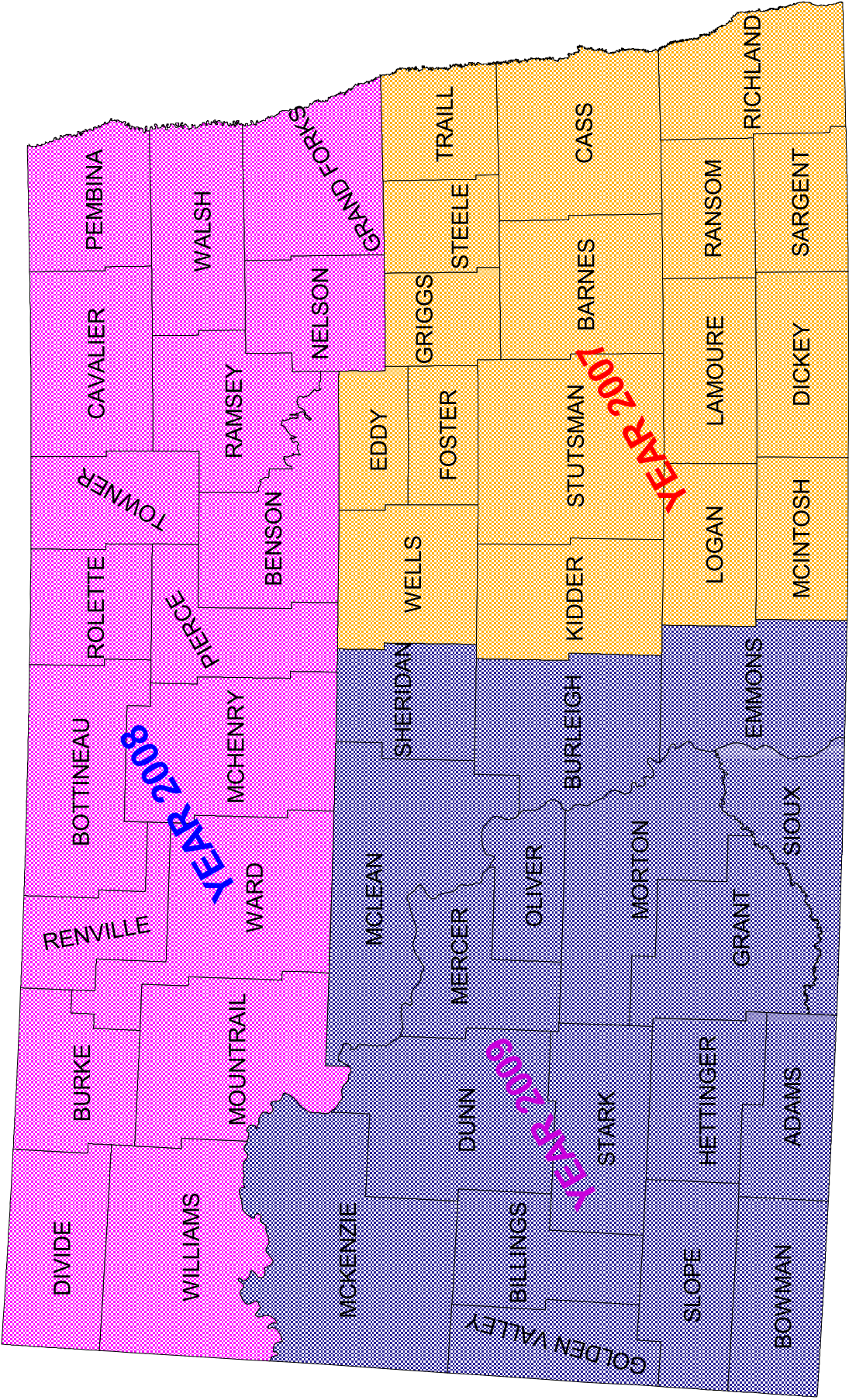
FUEL TAXED INCLUDES GALLONS OF GAS FOR OTHER THAN MOTOR VEHICLES

Traffic and Related Trends

For the Years 1957 - 2007



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION TRAFFIC COUNTING CYCLE



Planning & Programming Division
Roadway Data / Traffic Section
City Traffic Counts

CITY	YEAR COUNTED	YEAR TO COUNT
Minot	2004	2008
Grand Forks	2005	2008
Williston	2005	2008
Devils Lake	2002	2008
Grafton	2002	2008
Fargo	2007	2010
West Fargo	2007	2010
Jamestown	2007	2010
Valley City	2007	2010
Wahpeton	2007	2010
Bismarck	2006	2009
Mandan	2006	2009
Dickinson	2001	2009

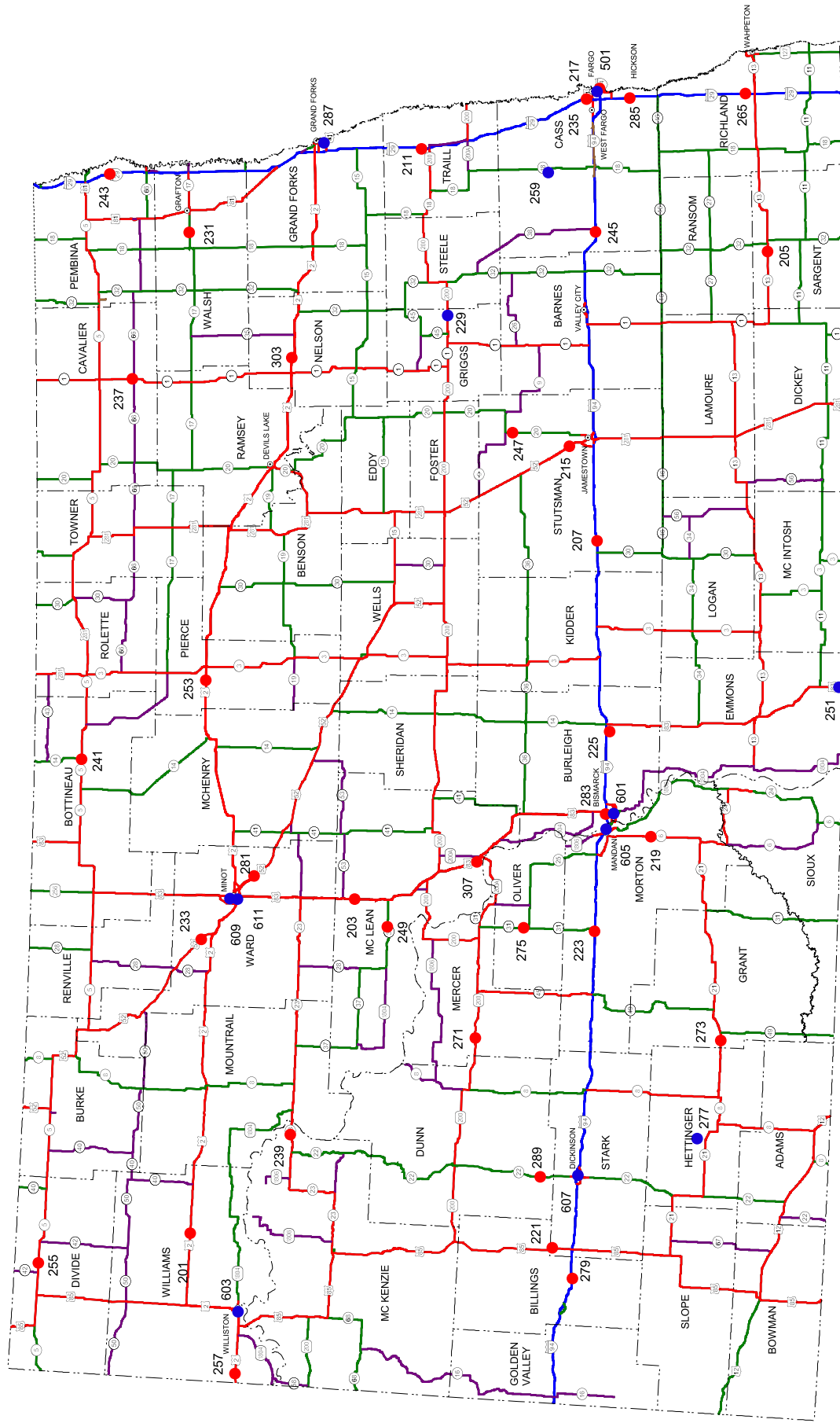
**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
ATR LOCATIONS**

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
URBAN INTERSTATE 94						
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.
RURAL INTERSTATE 94						
1	BELFIELD	94	7.000	0.0000	Weight	I-94 EB ONLY - 7 MILES WEST OF BELFIELD
7	WEST FARGO	94	347.000	0.5200	Weight	I-94 WEST OF 45 STREET
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.
URBAN INTERSTATE 29						
235	FARGO (U)	29	66.255	0.5425	Class	NORTH OF 12TH AVE.
RURAL INTERSTATE 29						
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
RURAL PRINCIPAL ARTERIAL						
2	BOWMAN	85	31.000	0.3900	Weight	HWY 85 - 4 MILES SOUTH OF BOWMAN
3	ELLENDALE	281	1.000	0.1900	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	FAIRFEILD	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
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
RURAL MINOR ARTERIAL AND RURAL MAJOR COLLECTOR-STATE						
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**

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
RURAL MAJOR COLLECTOR-COUNTY						
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
URBAN PRINCIPAL ARTERIAL						
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.
601	BISMARCK (U)	83B	900.000	0.4000	Volume	7TH ST. S. SOUTH BOWEN 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
URBAN MINOR ARTERIAL						
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.
URBAN COLLECTOR AND LOCAL URBAN						
609	MINOT (U)				Volume	16TH AVE BET. 12TH ST SW. & 17TH AVE. SW.

Automatic Traffic Recorder (ATR) Locations



Planning & Programming Division
Transportation Data
December 2007

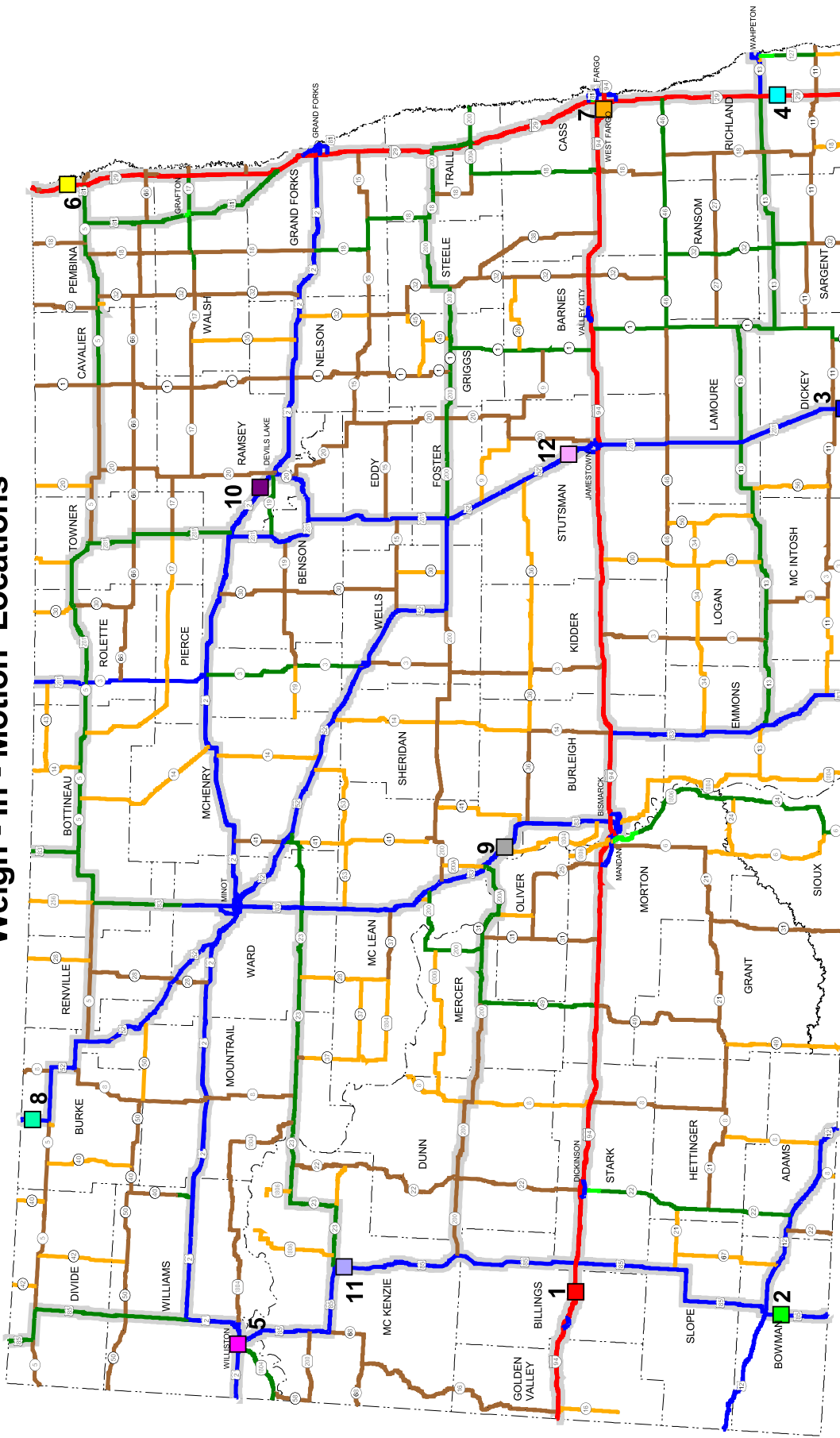
NOTES :
ATR Locations from Functional Class on Mainframe.
All lanes counted.
File pathway: F:\Planning\ArcView\robshj\atr_base

Number of ATR's Stations
8 Rural Interstate
20 Rural Principal Arterial
5 Rural Minor Arterial
3 Rural Major Collector
3 Urban Interstate
5 Urban Principal Arterial
2 Urban Minor Arterial
1 Urban Collector

Functional Class
Rural Interstate
Rural Principal Arterial
Rural Minor Arterial
Rural Major Collector

Types of ATR's
Class
Volume

Weigh - In - Motion Locations



WIM Sites

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

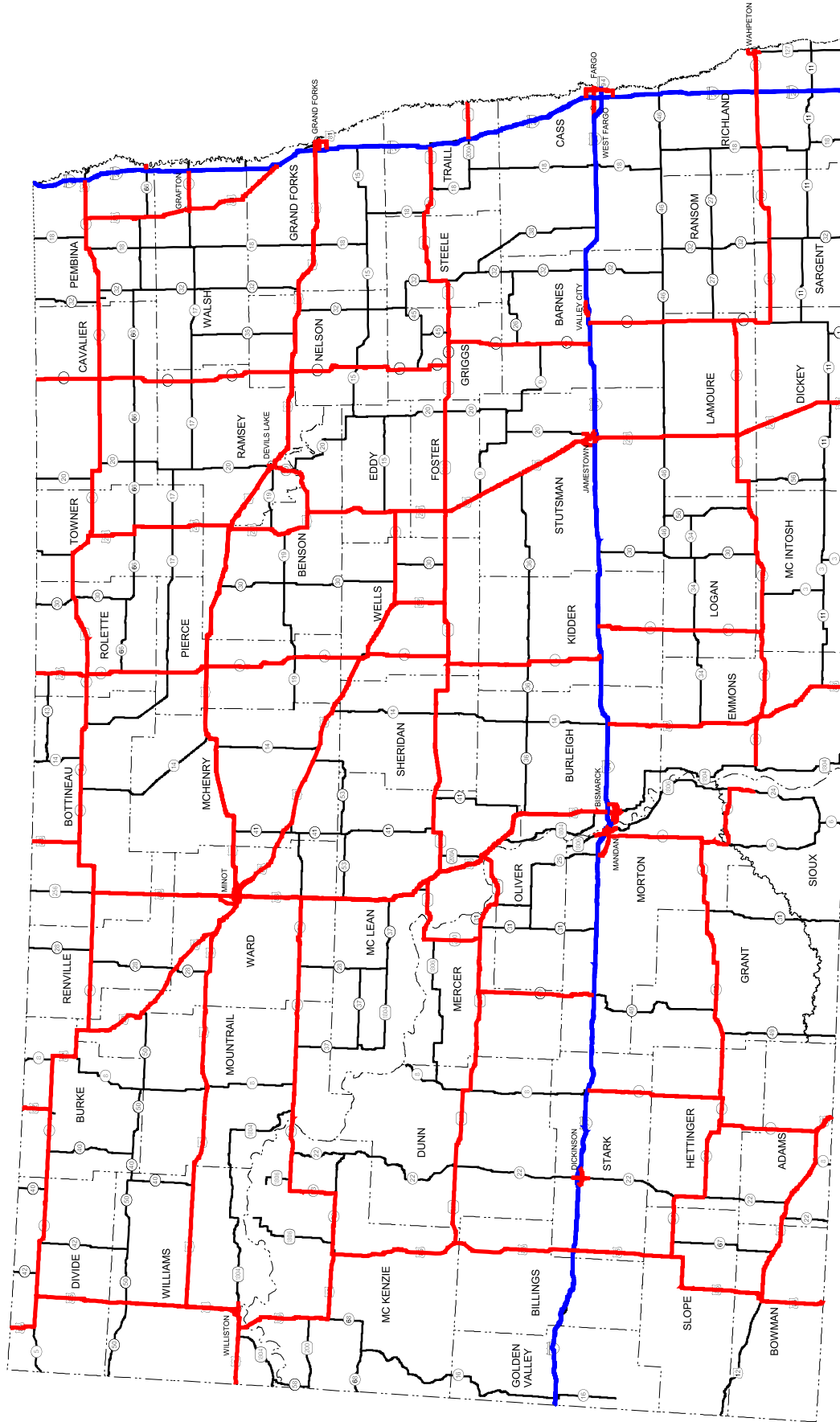
National Highway System (NHS)

- Rural District Collector
- Rural District Corridor
- Rural Interstate
- Rural Interregional Corridor
- Rural State Corridor
- Urban District Collector
- Urban District Corridor
- Urban Interstate
- Urban Interregional Corridor



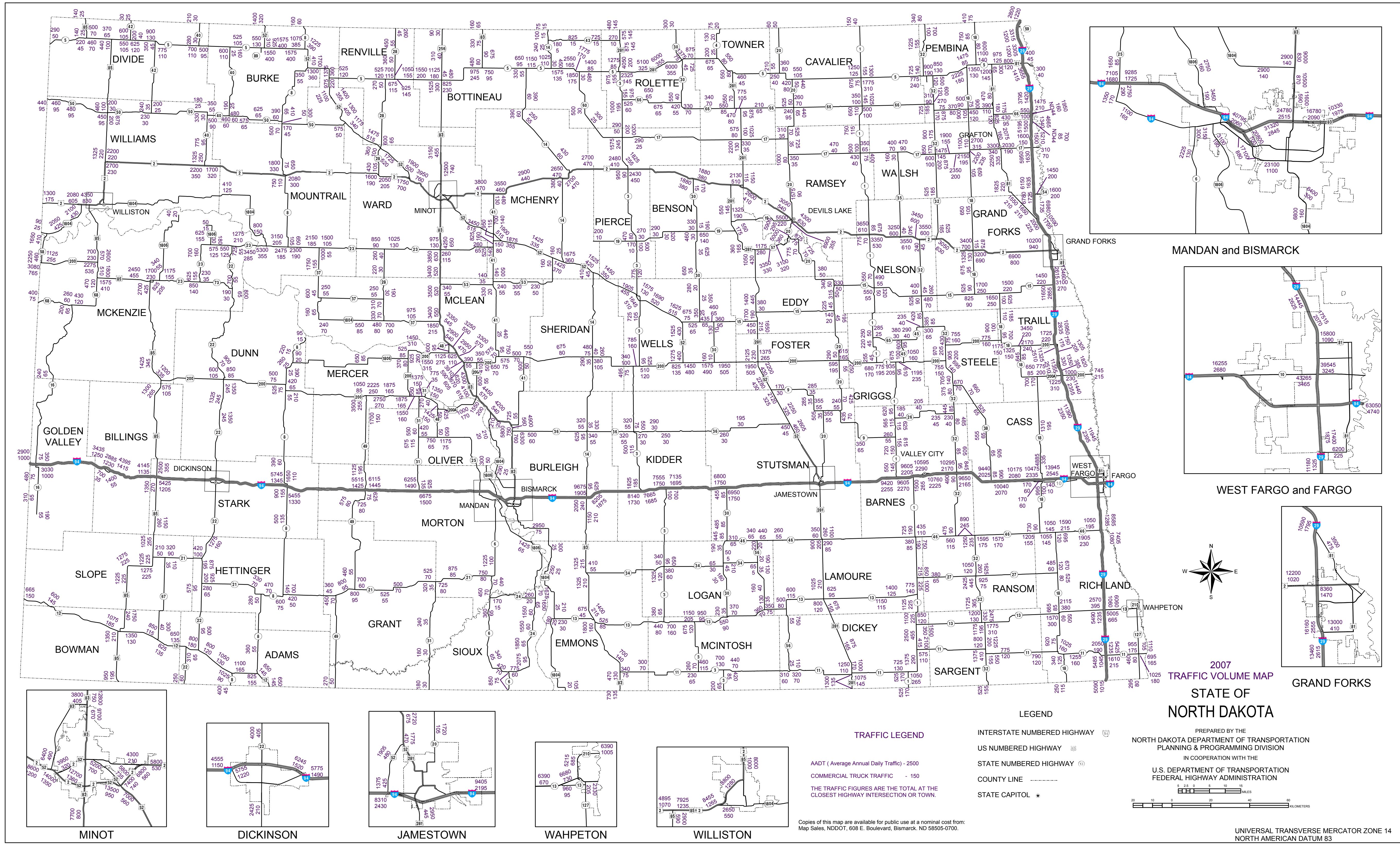
Planning & Programming Division
 Transportation Data
 December 2007

National Highway System Mileage



<p>NHS Mileage</p> <table border="1"> <tr> <td>Interstate Rural</td> <td>519.7</td> </tr> <tr> <td>Interstate Urban</td> <td>51.2</td> </tr> <tr> <td>Total</td> <td>570.9</td> </tr> <tr> <td>Principal Art. Rur.</td> <td>2085.8</td> </tr> <tr> <td>Principal Art. Urb.</td> <td>68.8</td> </tr> <tr> <td>Total</td> <td>2154.6</td> </tr> <tr> <td>Total NHS</td> <td>2725.5</td> </tr> </table>		Interstate Rural	519.7	Interstate Urban	51.2	Total	570.9	Principal Art. Rur.	2085.8	Principal Art. Urb.	68.8	Total	2154.6	Total NHS	2725.5	<p>Planning & Programming Division Transportation Data December 2007</p>
Interstate Rural	519.7															
Interstate Urban	51.2															
Total	570.9															
Principal Art. Rur.	2085.8															
Principal Art. Urb.	68.8															
Total	2154.6															
Total NHS	2725.5															
<p>NOTES Data from Functional Class on Mainframe</p>																





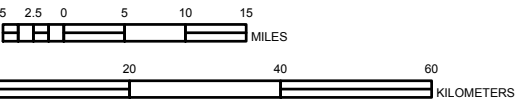
MANDAN and BISMARCK

WEST FARGO and FARGO

GRAND FORKS

2007
TRAFFIC VOLUME MAP
STATE OF
NORTH DAKOTA

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



UNIVERSAL TRANSVERSE MERCATOR ZONE 14
NORTH AMERICAN DATUM 83

LEGEND

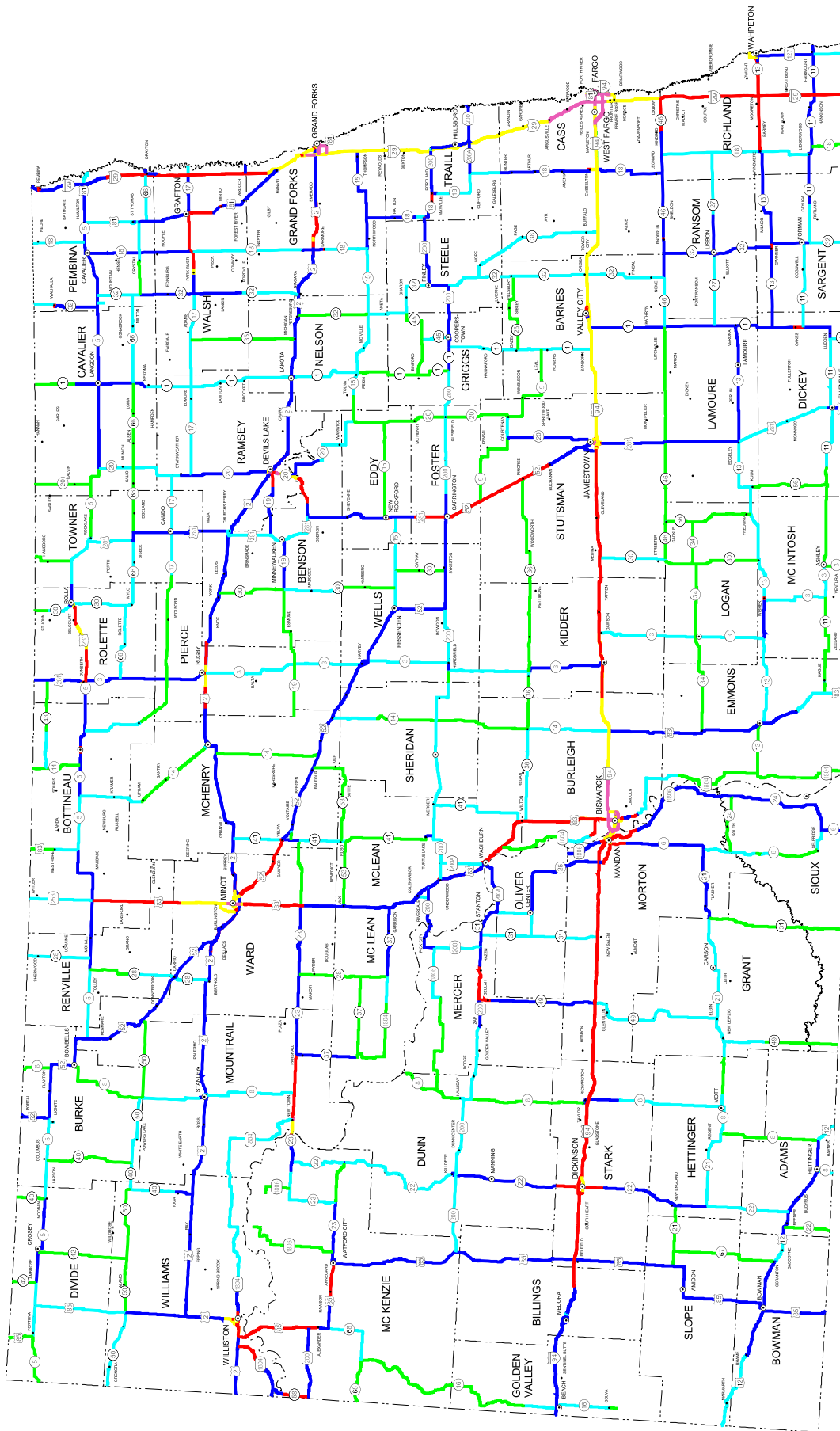
- INTERSTATE NUMBERED HIGHWAY
- US NUMBERED HIGHWAY
- STATE NUMBERED HIGHWAY
- COUNTY LINE
- STATE CAPITAL *

TRAFFIC LEGEND

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

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

Average Annual Daily Traffic



Average Annual Daily Traffic

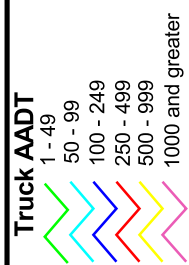
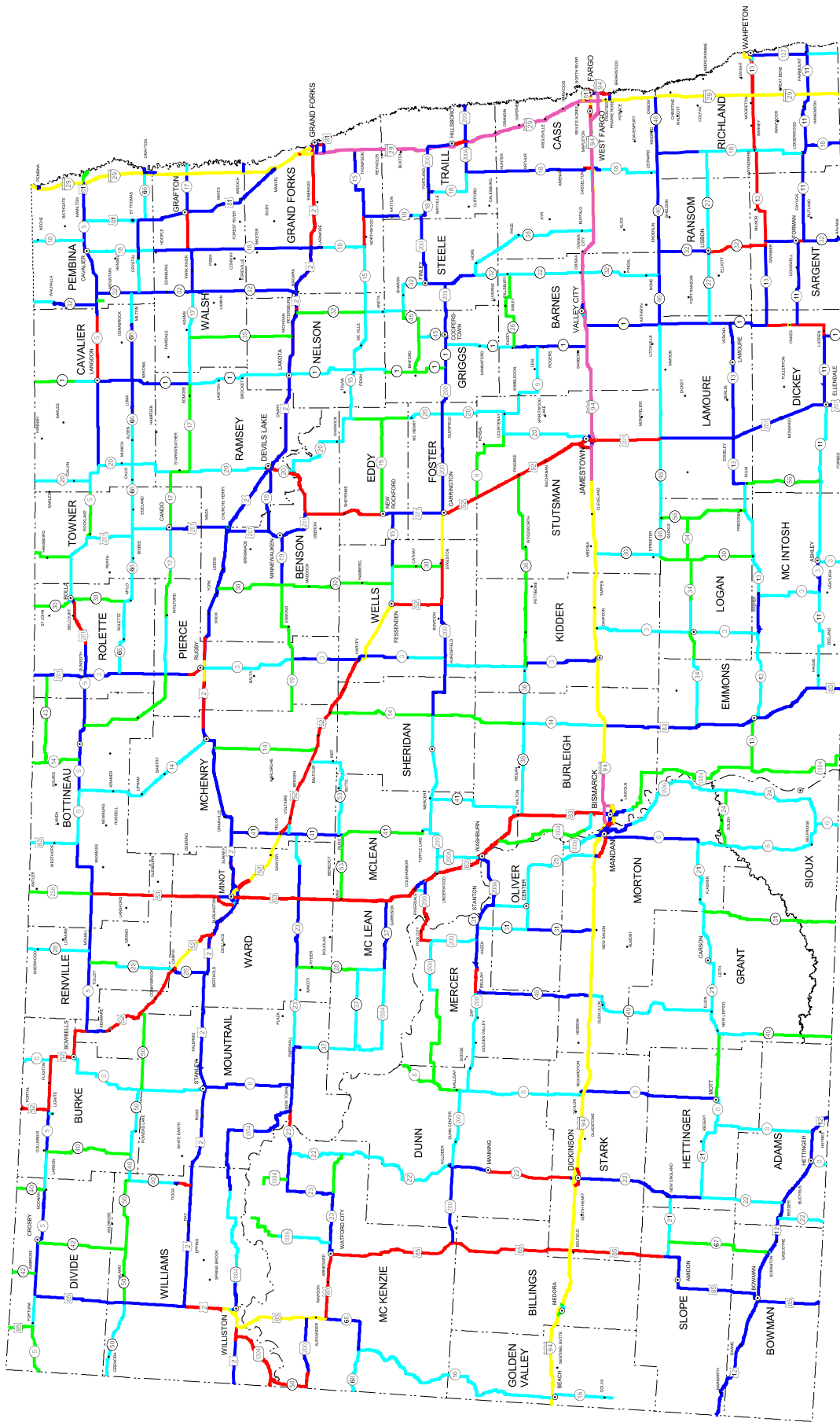
- 1 - 349
- 350 - 749
- 750 - 1999
- 2000 - 3999
- 4000 - 6999
- 7000 and greater

- Data from 2007 highway components segments .
- The AADT for longer segments are an average of the traffic segments.
- Data for the four lane roadways are for one direction only (east or north).

Planning & Programming Division
 Transportation Data
 December 2007



2007 Truck AADT

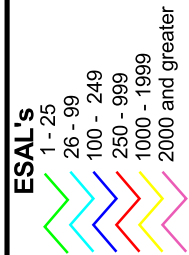
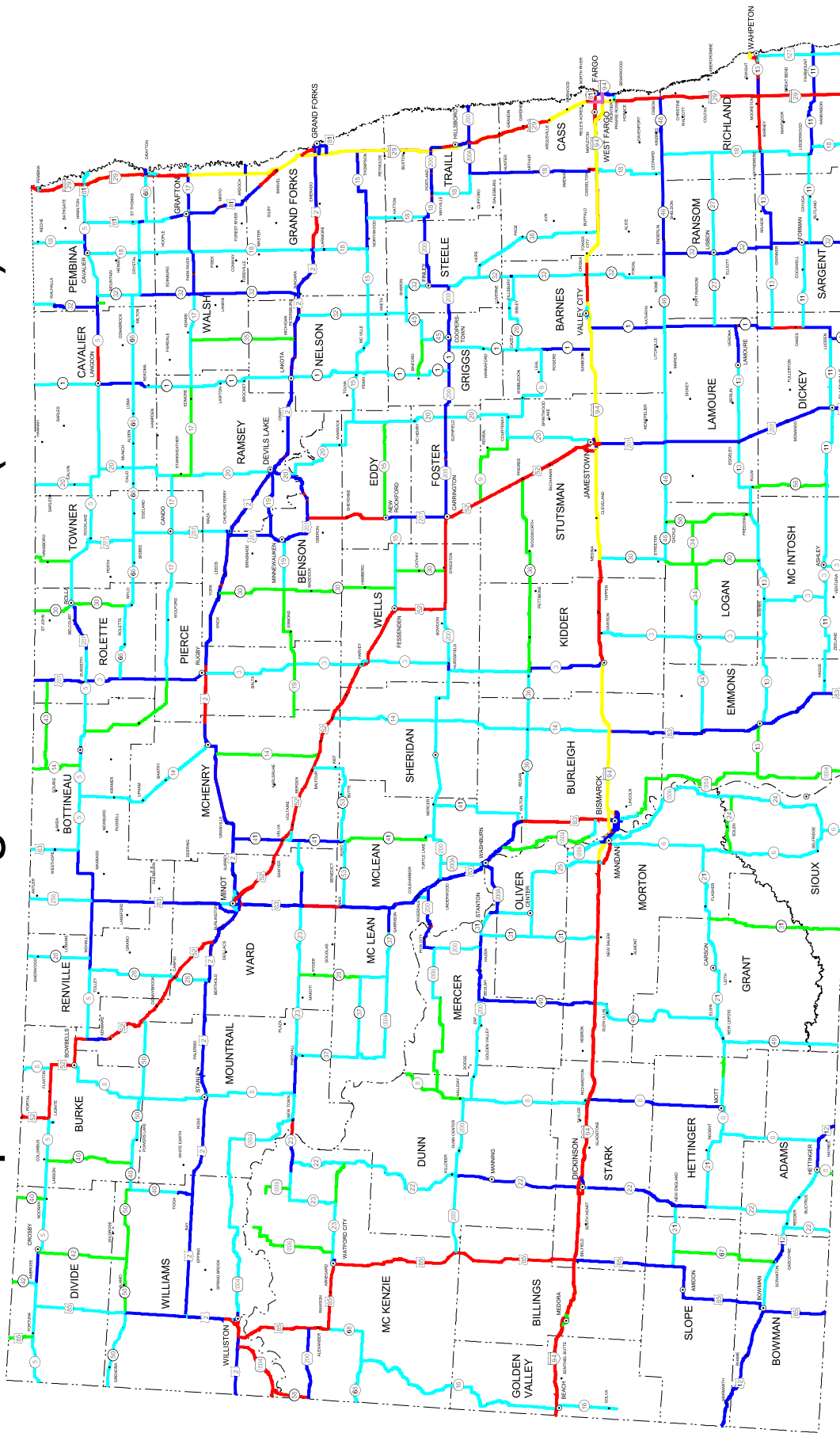


NOTES: - Data from 2007 highway components segments.
 - The counts for longer sections are an average of the traffic segments.
 - Data for the four lane roadways are truck AADT for one direction only (east or north).

Planning & Programming Division
 Transportation Data
 December 2007



Equivalent Single Axle Loads (ESAL's)

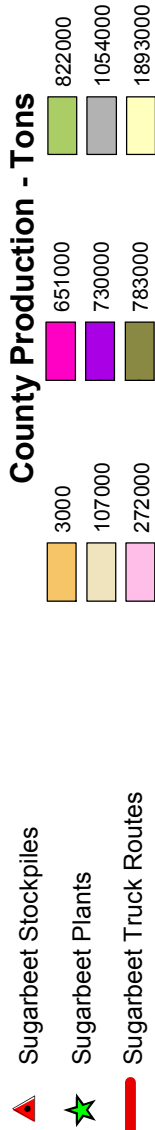
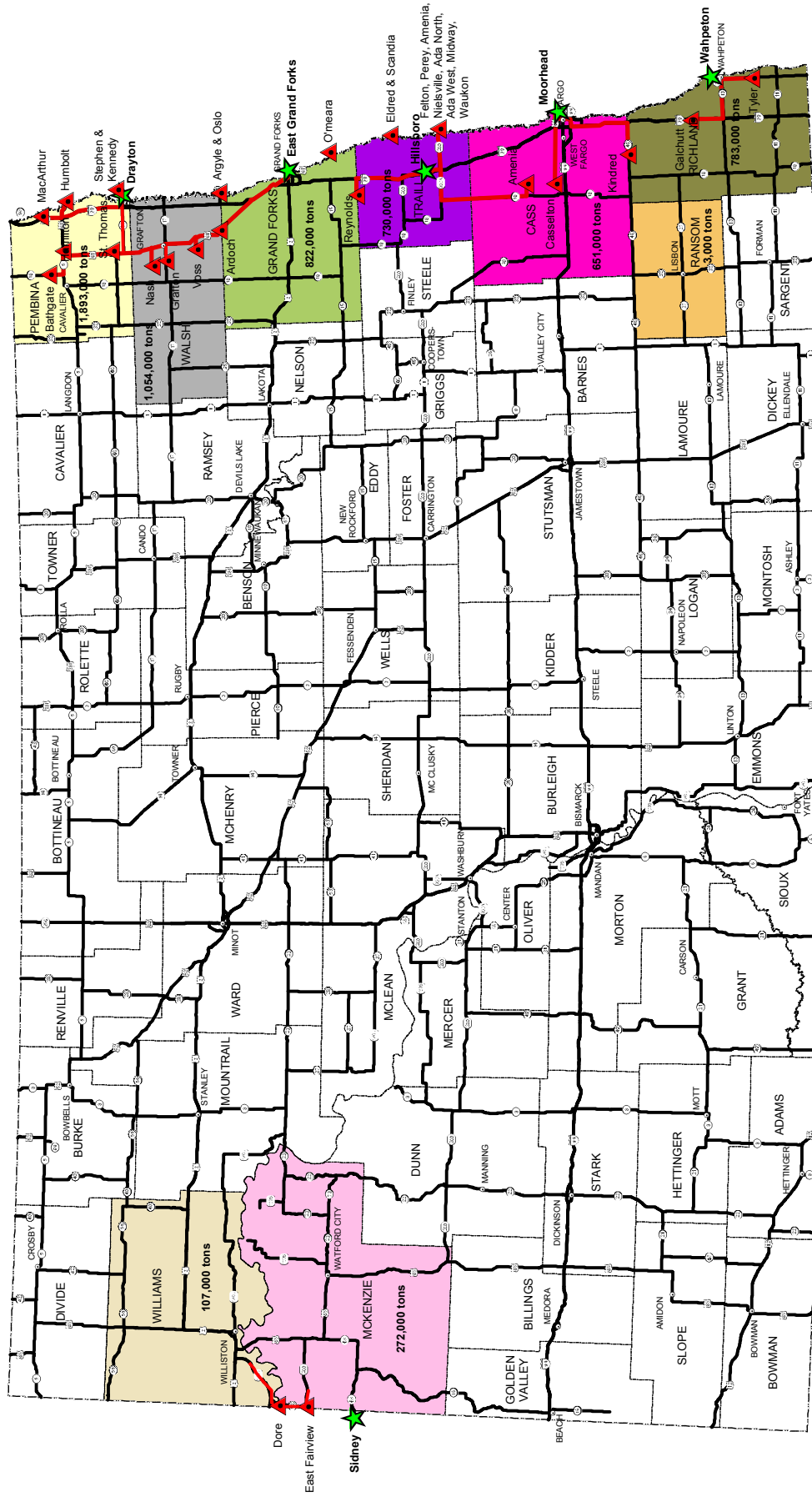


NOTE: - Data from 2007 highway components segments.
 - The ESAL's for longer sections are an average of the traffic segments.
 - Rigid ESAL's for I-29 and I-94.
 - Flexible ESAL's for all other roads.
 - **ESAL's for the four lane roadways are for one direction only (east or north).**

Planning & Programming Division
 Transportation Data
 December 2007



Sugarbeet Production and Truck Routes



NOTE: Data from ND Agricultural Statistics Service - Sugarbeets 2006 County Production
 Total production for the state of ND is 6,318,000 tons.
 2007 estimates are not available.
 Individual production figures for each county are provided on the map

Planning & Programming Division
 Transportation Data
 December 2007

PERMANENT STATION COMPARISON OF AADT BY YEAR

STATION NUMBER	LOCATION	1987	1989	1991	1993	1995	1997	1999	2001	2003	2004	2005	2006	2007	% CHANGE 2007/2006	% CHANGE 2007/1997	% CHANGE 2007/1987
URBAN INTERSTATE 94																	
217	FARGO (U)		22530				48388	50450	51514	56852	61932	61012	61479	63051	2.6%	30.3%	--
283	BISMARCK (U)		12350	12660	14222		15656	17704	18584	17590	18782	20144	21507	24770	15.2%	58.2%	--
	MEAN		17440	12660	14222		32022	34077	35049	37221	40357	40578	41493	43911	8.9%	44.3%	--
RURAL INTERSTATE 94																	
207	MEDINA		4496	4620	5046	4608	5884	6326	6644	7210	6810	6778	6706	6941	3.5%	18.0%	--
223	NEW SALEM	3952	4364	4460	4850	5210	5294			5950	6088	6034	6116	6252	2.2%	18.1%	58.2%
245	TOWER CITY	5544	6012	6258	6918	7304	7446		8030	8974	9266	9146	9173	9440	2.9%	26.8%	70.3%
279	PAINTED CANYON		2758	2904	3064	3290	3268	3404	3656	3688	3596	3608	3668	4086	11.4%	25.0%	--
	MEAN	4748	4408	4561	4970	5103	5473	4865	6110	6456	6440	6392	6416	6680	5.0%	22.0%	64.2%
URBAN INTERSTATE 29																	
235	FARGO (U)						25214			24536	24808	25772	25790	26642	3.3%	5.7%	--
	MEAN						25214			24536	24808	25772	25790	26642	3.3%	5.7%	--
RURAL INTERSTATE 29																	
211	BUXTON	7062	7768	8330	9018	9476			9374	10198	10526	10426	10532	10951	4.0%	--	55.1%
243	BOWESMONT	1550	2084	2536	2562	2470	2686	2920	2974	2896	2980	3074	3146	3662	16.4%	36.3%	136.3%
265	MOORETON	2702	3186	3338	3648	4180	4992	5390	5078	5636	5914	5962	5940	6059	2.0%	21.4%	124.2%
285	DAVENPORT									9670	10098	10254	10151	10221	0.7%	--	--
301	HICKSON						7468								--	--	--
	MEAN	3771	4346	4735	5076	5375	5049	4155	5809	7100	7380	7429	7442	7723	5.8%	28.9%	105.2%
RURAL PRINCIPAL ARTERIAL																	
201	RAY	1456	1396	1504	1562	1604	1552	1580	1660	1656	1660	1748	1873	2115	12.9%	36.3%	45.3%
203	MAX	2450	2606	2728	2744	3040	3192	3460	3420	3562	3600	3530	3612	3653	1.1%	14.4%	49.1%
205	GWINNER	874	912	880	922	1002	1038	1108	1076	1124	1266	1266	1255	1200	-4.4%	15.6%	37.3%
209	MINOT	10712	9998	9530	9618	9990	9394								--	--	--
213	LAKOTA	2350	2514	2606	2832	3050	3106								--	--	--
215	JAMESTOWN	2430	2350	2352	2444	2612	2820		2694	2778	2660	2702	2716	2859	5.3%	1.4%	17.7%
219	MANDAN	1228	1192	1218	1260	1344	1350	1534	1460	1498	1538	1490	1518	1488	-2.0%	10.2%	21.2%
221	FAIRFEILD	1524	1432	1500	1374	1406	1416	1354	1420	1418	1436	1468	1649	1754	6.4%	23.9%	15.1%
227	VERONA	662	662	704	734	776									--	--	--
229	COOPERSTOWN	760		732	856	832	912			902	896	846	827	819	-1.0%	-10.2%	7.8%
233	FOXHOLM	1630	1714	1982	2078	1952	1962	1922	1878	1914	1870	1888	1899	2100	10.6%	7.0%	28.8%
237	NEKOMA	688	668	638	662	670	682			780	754	714	686	886	29.2%	29.9%	28.8%
239	NEW TOWN	1056	1018	1064	1230	1346	1400	1480	1588	1630	1682	1618	1599	1726	7.9%	23.3%	63.4%
241	BOTTINEAU	1108	978	996	1012	1010	986	1038	906	1000	1018	978	946	1007	6.4%	2.1%	-9.1%
251	HAGUE	538	532	532	646	614	628	656	734	734	740	704	589	729	23.8%	16.1%	35.5%
253	RUGBY						2594			2600	2642	2556	2475	2510	1.4%	-3.2%	--
255	CROSBY	568		538	574	564	536		528	558	554	540	574	581	1.2%	8.4%	2.3%
257	WILLISTON	894	894	992	1082	1088	1206			1192	1186	1204	1229	1265	2.9%	4.9%	41.5%
271	GOLDEN VALLEY	686	644	612	630	698	682			660	676	690	702	713	1.6%	4.5%	3.9%
273	NEW LEIPZIG	430	384	372	356	372	374		382	366	368	352	339	335	-1.2%	-10.4%	-22.1%
281	SAWYER								3566	3754	3878	3890	3902	4004	2.6%	--	--
303	MICHIGAN						3504	3634	3476	3522	3508	3436	3361	3384	0.7%	-3.4%	--
307	WASHBURN						3590		3790	3912	3984	4016	4233	4363	3.1%	21.5%	--
	MEAN	1687	1758	1657	1717	1788	2044	1777	1905	1778	1796	1782	1799	1875	5.4%	10.1%	22.9%
RURAL MINOR ARTERIAL & RURAL MAJOR COLLECTOR - STATE																	
231	GRAFTON	2408	2370	2298	2430	2338	2472		2550	2654	2818	2670	2521	2469	-2.1%	-0.1%	2.5%
247	COURTENAY	462	428	434	498	490	444		502	476	490	470	460	456	-0.9%	2.7%	-1.3%
249	GARRISON	1044	990	922	1010	1016		1180	1180	1208	1178	1168	1164	1177	1.1%	--	12.7%
275	HANNOVER	470	458	438	482	482	498	568	526	504	500	502	479	530	10.6%	6.4%	12.8%
289	MANNING									1632	1610	1604	1718	1901	10.7%	--	--
	MEAN	1096	1062	1023	1105	1082	1138	874	1190	1295	1319	1283	1268	1307	3.9%	3.0%	6.7%
RURAL MAJOR COLLECTOR - COUNTY																	
225	STERLING	624	544	534	540	594	554			520	492	484	525	558	6.3%	0.7%	-10.6%

PERMANENT STATION COMPARISON OF AADT BY YEAR

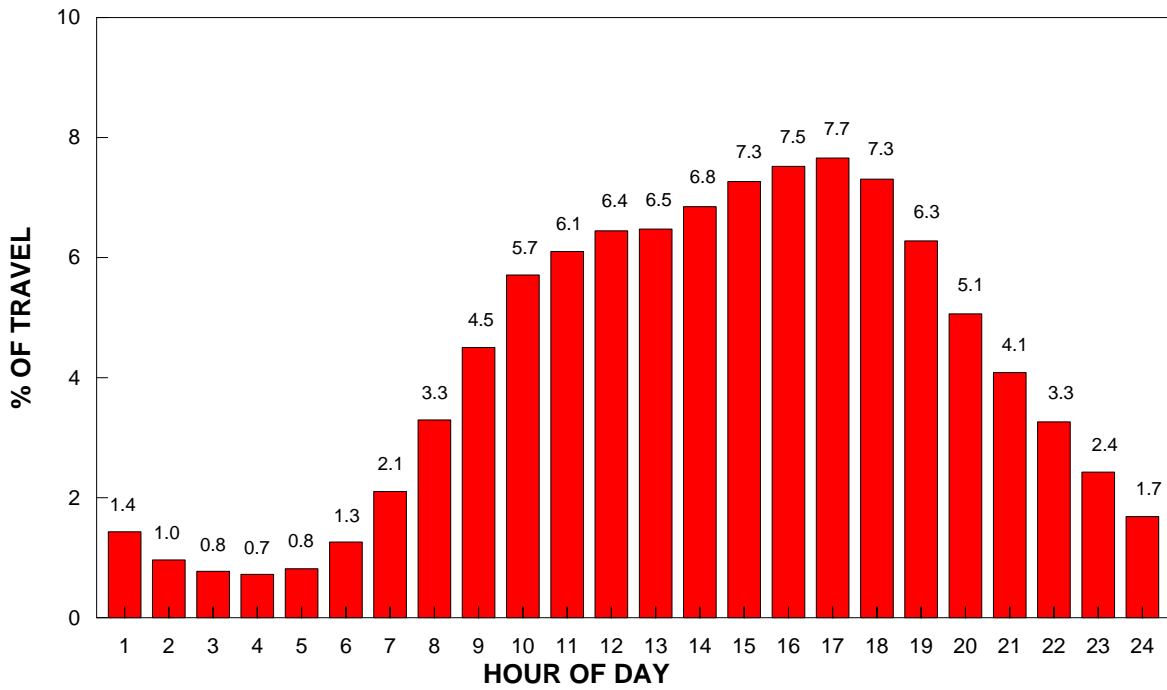
STATION NUMBER	LOCATION	1987	1989	1991	1993	1995	1997	1999	2001	2003	2004	2005	2006	2007	% CHANGE 2007/2006	% CHANGE 2007/1997	% CHANGE 2007/1987
RURAL MAJOR COLLECTOR - COUNTY																	
259	AYR	268	276	300	356	292	258	324	364	372	384	360	340	350	2.9%	35.7%	30.6%
263	METIGOSHE	846	798	724	760	806	450								--	--	--
277	REGENT	192	170	174	288	294	284	288	318	294	296	298	287	309	7.7%	8.8%	60.9%
	MEAN	483	447	433	486	497	387	306	341	395	391	381	384	406	5.6%	15.1%	27.0%
URBAN PRINCIPAL ARTERIAL																	
287	GRAND FORKS									19270	19656	19248	19107	19947	4.4%	--	--
501	FARGO (U)	22062	23764	22452	22674	22946	26122	23578	25762	25892	26852	26264	24248	24533	1.2%	-6.1%	11.2%
601	BISMARCK (U)							13037	12475	11855	11961	11828	11465	12174	6.2%	--	--
603	WILLISTON (U)							4024	4042	4160	4228	4316	4528	4623	2.1%	--	--
605	MANDAN (U)									20152	20158	20240	20213	20530	1.6%	--	--
	MEAN	22062	23764	22452	22674	22946	26122	13546	14093	16266	16571	16379	15912	16361	3.1%	-6.1%	11.2%
URBAN MINOR ARTERIAL																	
607	DICKINSON (U)							3160	3152	3034	3104	3090	3053	2967	-2.8%	--	--
611	MINOT (U)							2994	2974	2638	2690	2626	2541	2340	-7.9%	--	--
	MEAN							3077	3063	2836	2897	2858	2797	2654	-5.4%	--	--
URBAN COLLECTOR & LOCAL URBAN																	
609	MINOT (U)							1912	2068	2342	2346	2328	2222	2191	-1.4%	--	--
	MEAN							1912	2068	2342	2346	2328	2222	2191	-1.4%	--	--

PERMANENT STATION COMPARISON OF TRUCK AADT BY YEAR

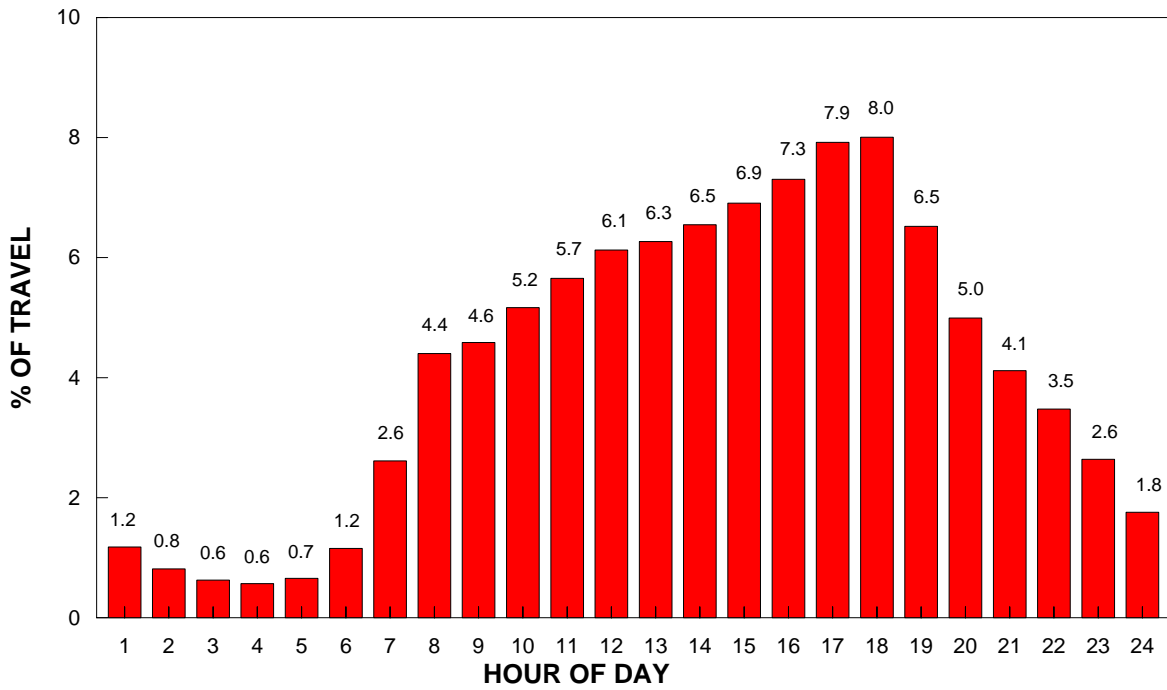
STATION NUMBER	LOCATION	1987	1989	1991	1993	1995	1997	1999	2001	2003	2004	2005	2006	2007	% CHANGE 2007/2006	% CHANGE 2007/1997	% CHANGE 2007/1987
INTERSTATE RURAL																	
207	MEDINA							1448	1586	1578	1618	1646	1699	1756	3.4%	--	--
211	BUXTON								2136	2374	2494	2516	2554	2832	10.9%	--	--
223	NEW SALEM									1162	1244	1290	1364	1462	7.2%	--	--
243	BOWESMONT							1044	1164	1176	1164	1156	1186	1411	19.0%	--	--
245	TOWER CITY									1796	1922	1974	2001	2156	7.7%	--	--
265	MOORETON							836	716	854	922	976	1006	1061	5.5%	--	--
279	PAINTED CANYON							654	1006	1040	1018	1036	1177	1405	19.4%	--	--
285	DAVENPORT									1136	1184	1252	1248	1313	5.2%	--	--
	MEAN							996	1322	1390	1446	1481	1529	1675	9.8%	--	--
PRINCIPAL ARTERIAL- RURAL																	
201	RAY							260	286	256	260	310	378	466	23.3%	--	--
203	MAX							492	548	558	536	512	541	559	3.3%	--	--
205	GWINNER								150	154	154	148	145	132	-9.0%	--	--
215	JAMESTOWN								446	474	510	558	584	682	16.8%	--	--
219	MANDAN							166	140	148	146	142	154	138	-10.4%	--	--
221	FAIRFEILD							280	272	270	258	294	399	475	19.0%	--	--
233	FOXHOLM							420	390	438	418	440	454	531	17.0%	--	--
237	NEKOMA									130	122	116	115	150	30.4%	--	--
239	NEW TOWN							140	132			140	148	230	55.4%	--	--
241	BOTTINEAU							152	176	126	118	118	111	142	27.9%	--	--
253	RUGBY									432	424	418	406	426	4.9%	--	--
255	CROSBY								146	128	78	96	131	130	-0.8%	--	--
257	WILLISTON									130	140	158	160	175	9.4%	--	--
271	GOLDEN VALLEY												67	75	11.9%	--	--
273	NEW LEIPZIG								76	66	60	44	44	45	2.3%	--	--
281	SAWYER								376	412	420	486	526	538	2.3%	--	--
303	MICHIGAN							630	580	570	558	538	515	529	2.7%	--	--
307	WASHBURN								586	548	552	548	607	622	2.5%	--	--
	MEAN							318	307	303	297	298	305	336	11.6%	--	--
MINOR ARTERIAL RURAL																	
231	GRAFTON								228	232	272	274	240	228	-5.0%	--	--
247	COURTENAY								48	36	40	40	32	35	9.4%	--	--
249	GARRISON							122	104	104	112	104	106	113	6.6%	--	--
275	HANNOVER							74	60	62	64	66	60	58	-3.3%	--	--
289	MANNING									144	128	132	160	283	76.9%	--	--
	MEAN							98	110	116	123	123	120	143	16.9%	--	--
MAJOR COLLECTOR																	
225	STERLING										46	40	39	54	38.5%	--	--
	MEAN										46	40	39	54	38.5%	--	--
INTERSTATE URBAN																	
217	FARGO (U)							3796	4140	4436	4888	4988	4791	4774	-0.4%	--	--
235	FARGO (U)									2614	2684	2720	2726	2960	8.6%	--	--
283	BISMARCK (U)							1812	1708	1878	1952	2162	2264	2663	17.6%	--	--
	MEAN							2804	2924	2976	3175	3290	3260	3466	8.6%	--	--

HOURLY DISTRIBUTION OF TRAVEL

RURAL INTERSTATE 94

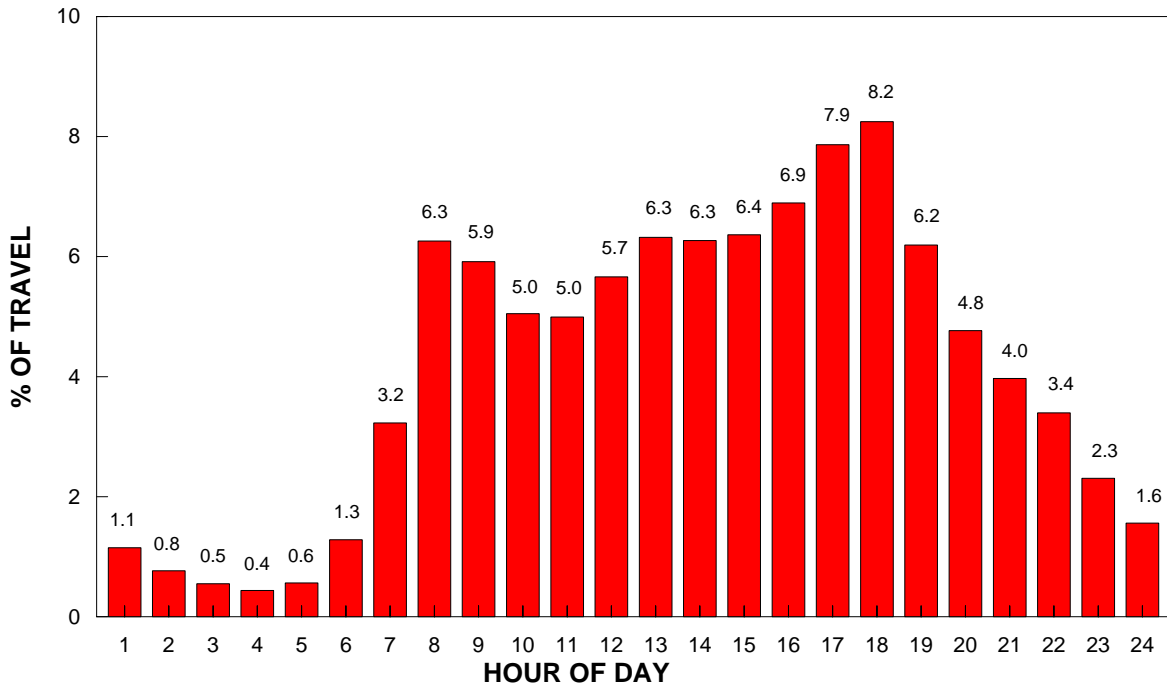


RURAL INTERSTATE 29

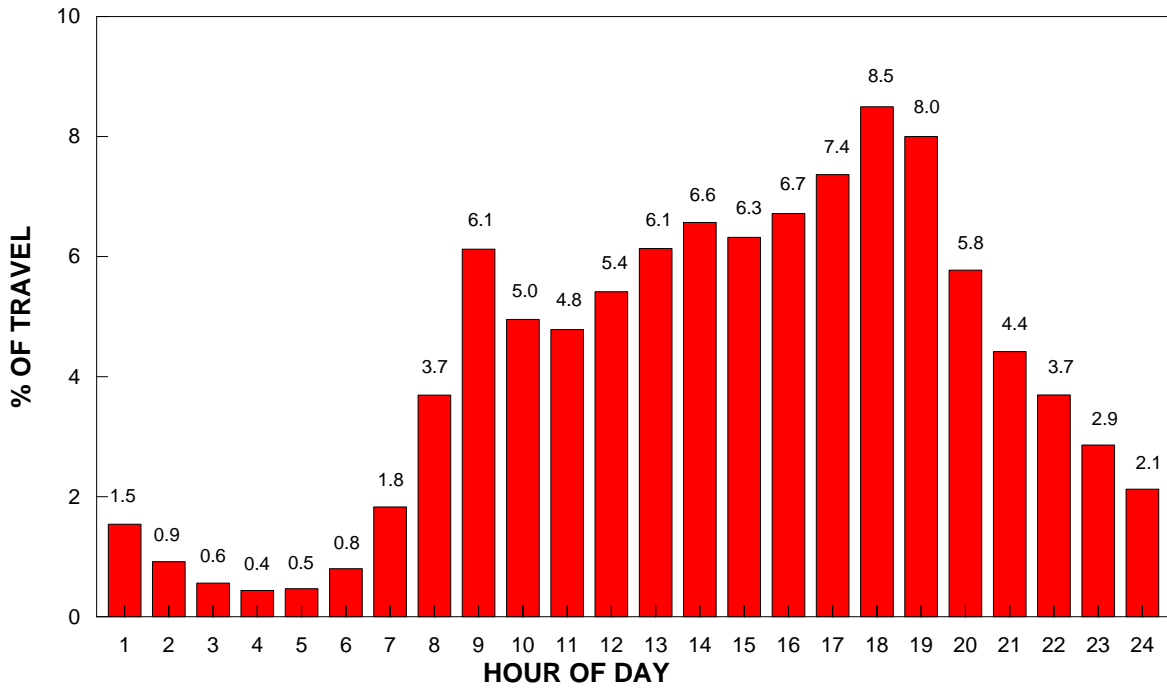


HOURLY DISTRIBUTION OF TRAVEL

URBAN INTERSTATE 94

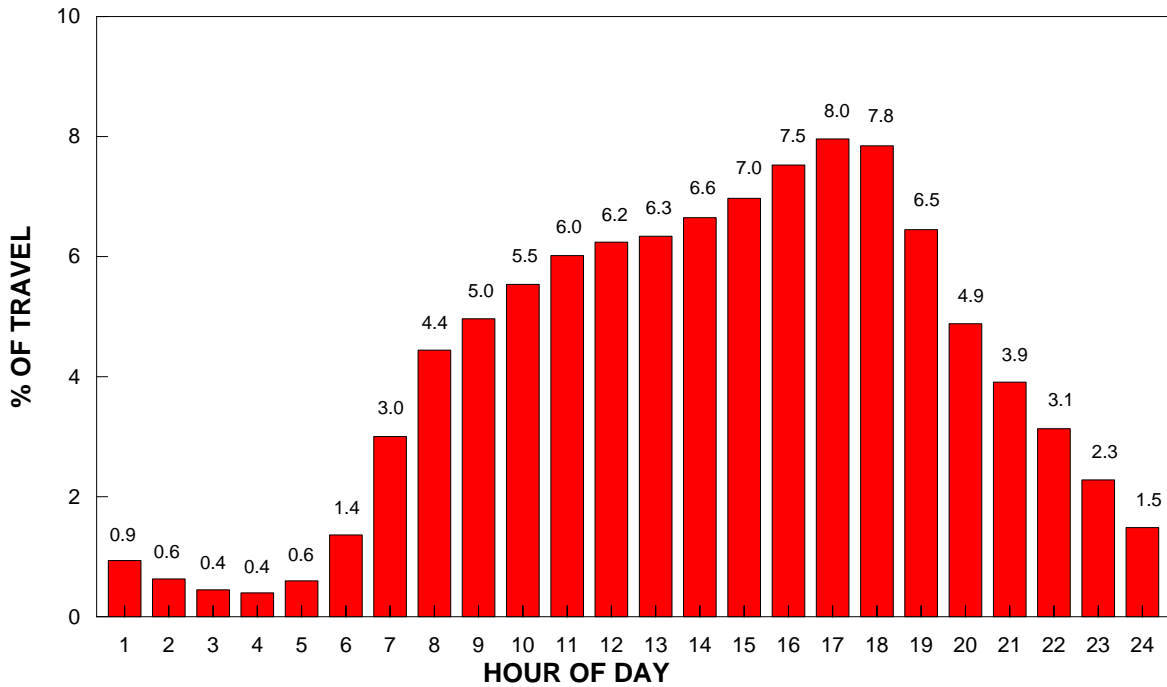


URBAN INTERSTATE 29

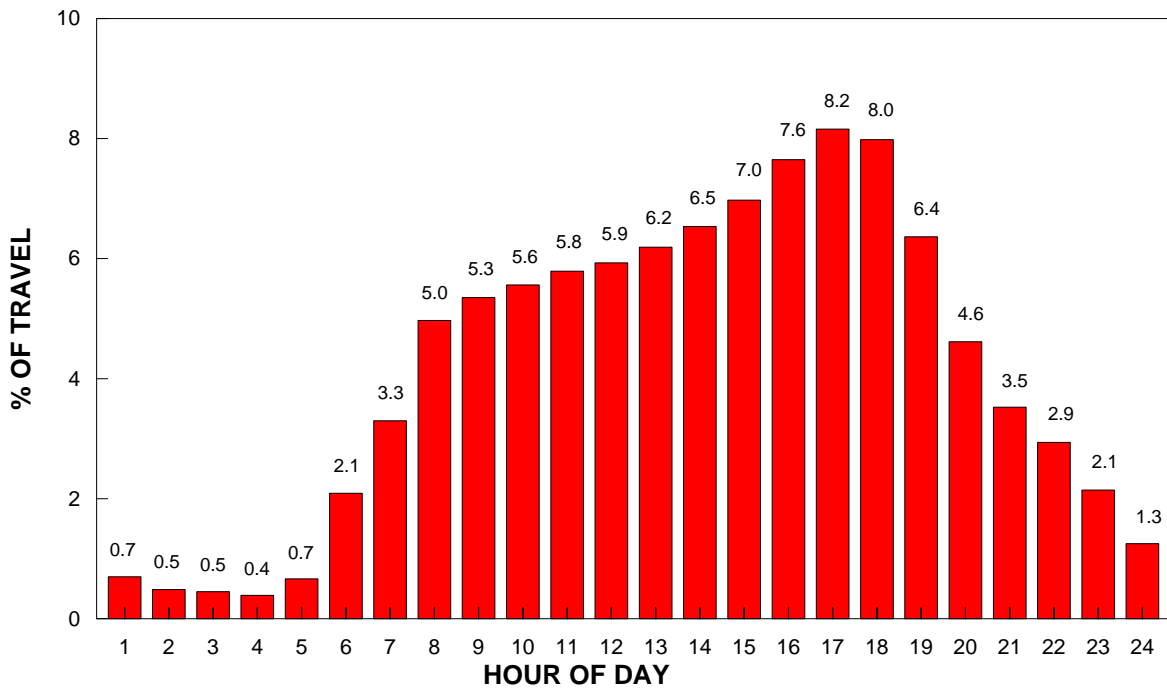


HOURLY DISTRIBUTION OF TRAVEL

RURAL PRINCIPAL ARTERIAL

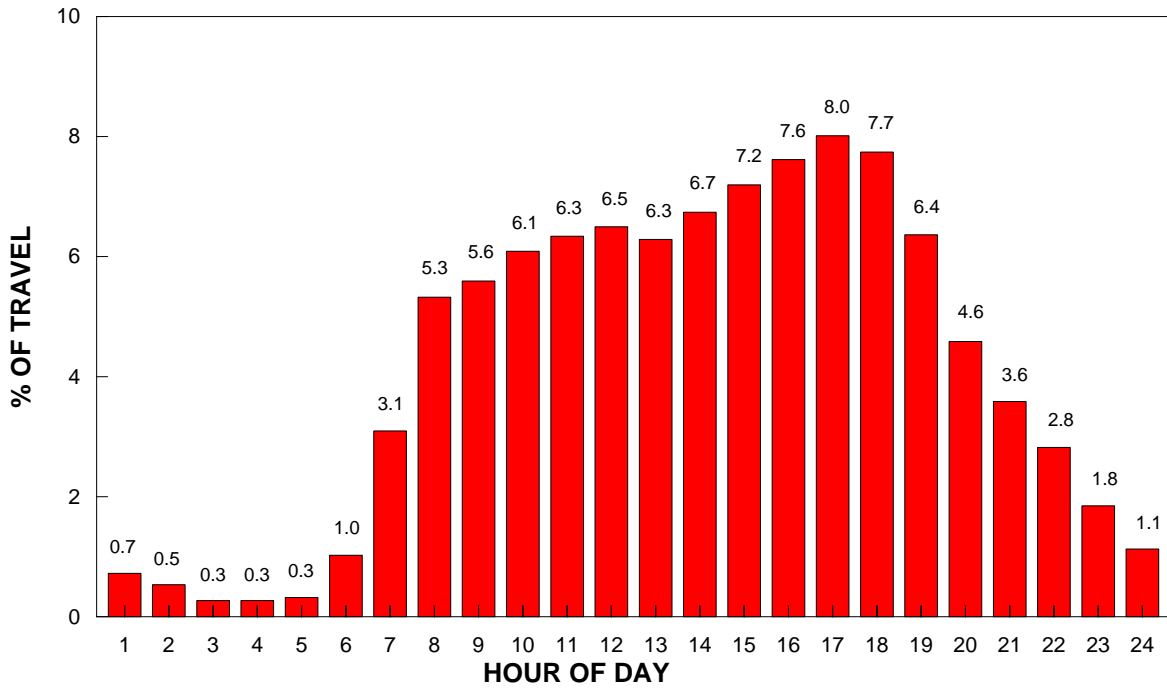


RURAL MINOR ARTERIAL

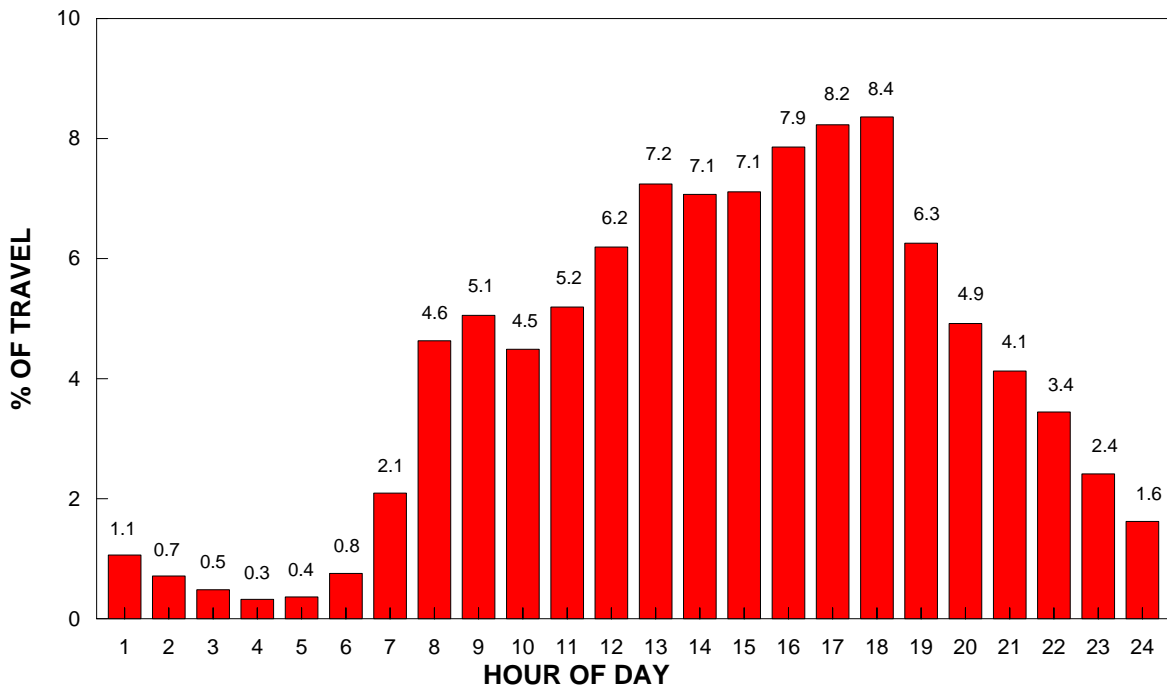


HOURLY DISTRIBUTION OF TRAVEL

RURAL MAJOR COLLECTOR

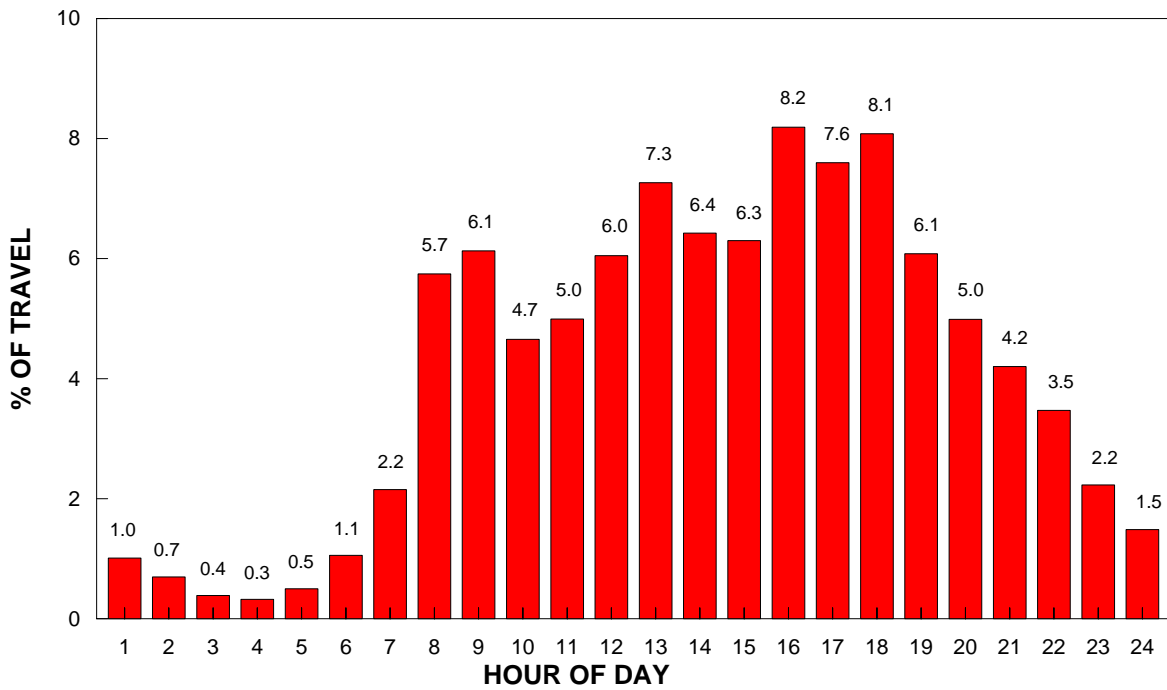


URBAN PRINCIPAL ARTERIAL

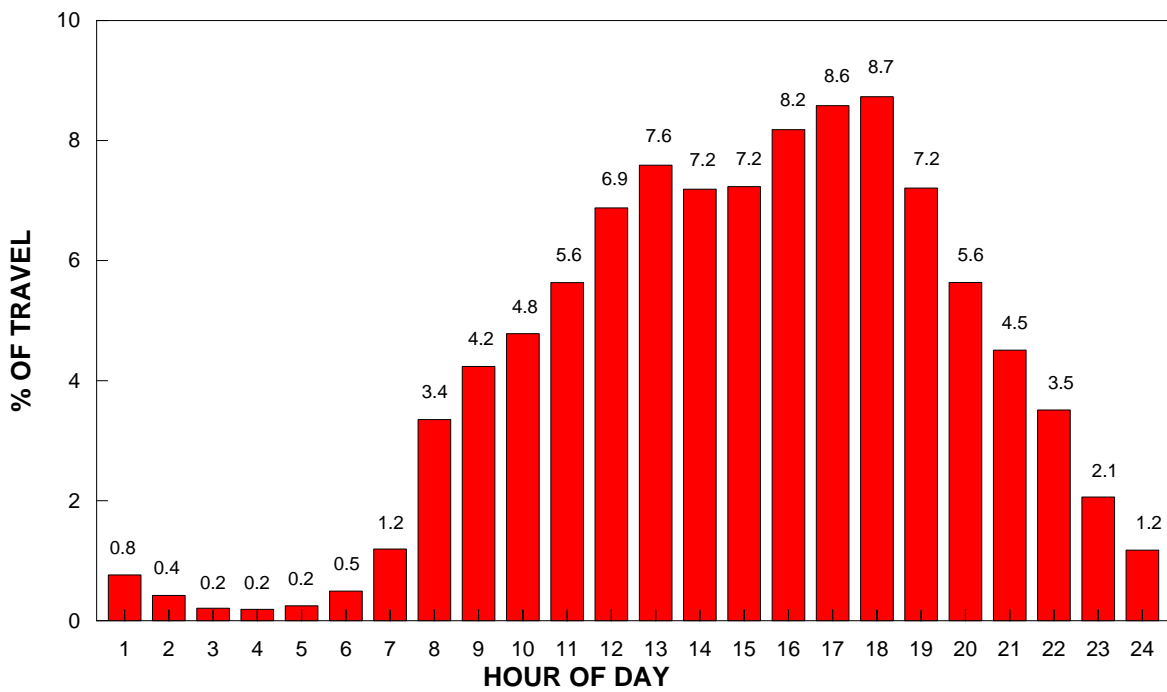


HOURLY DISTRIBUTION OF TRAVEL

URBAN MINOR ARTERIAL

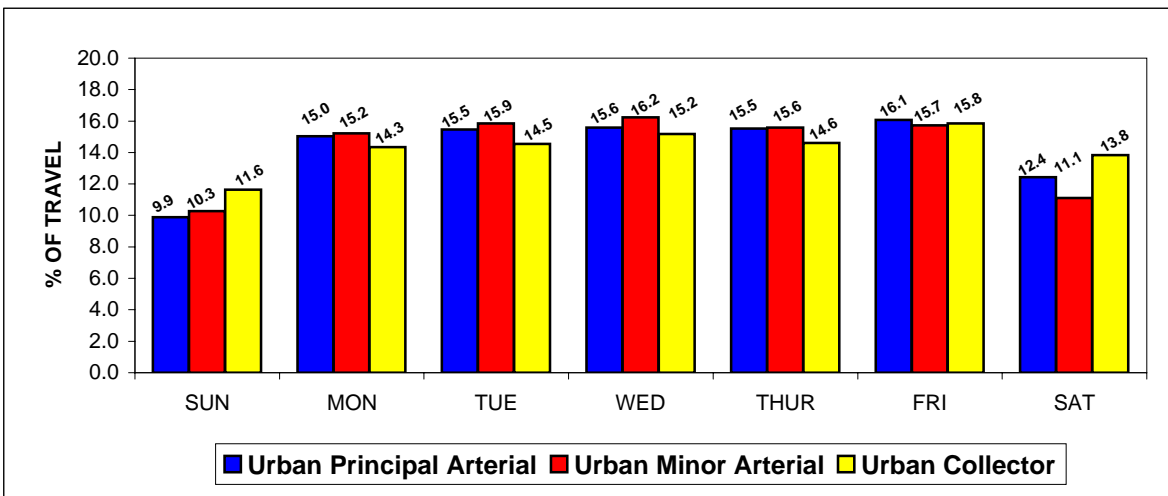
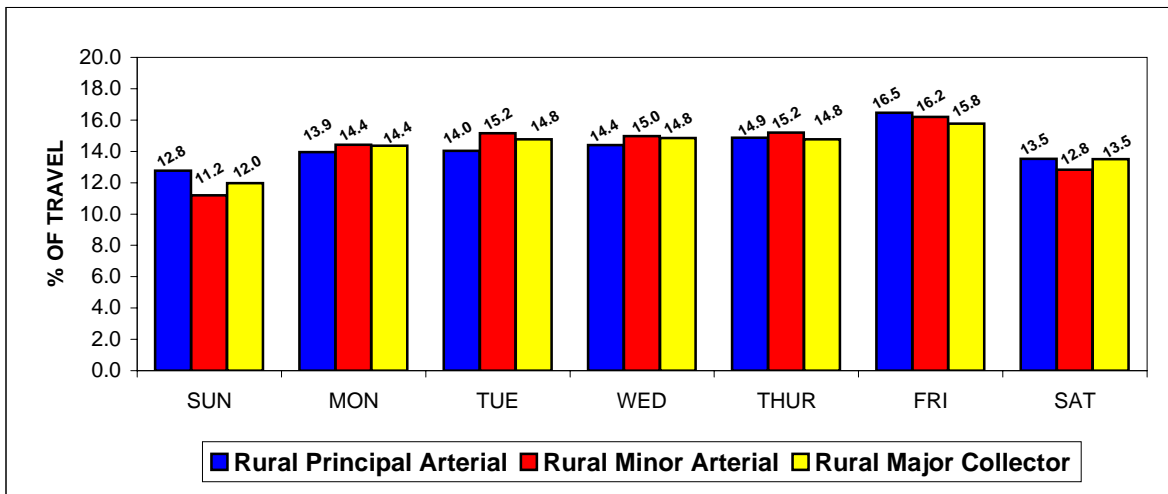
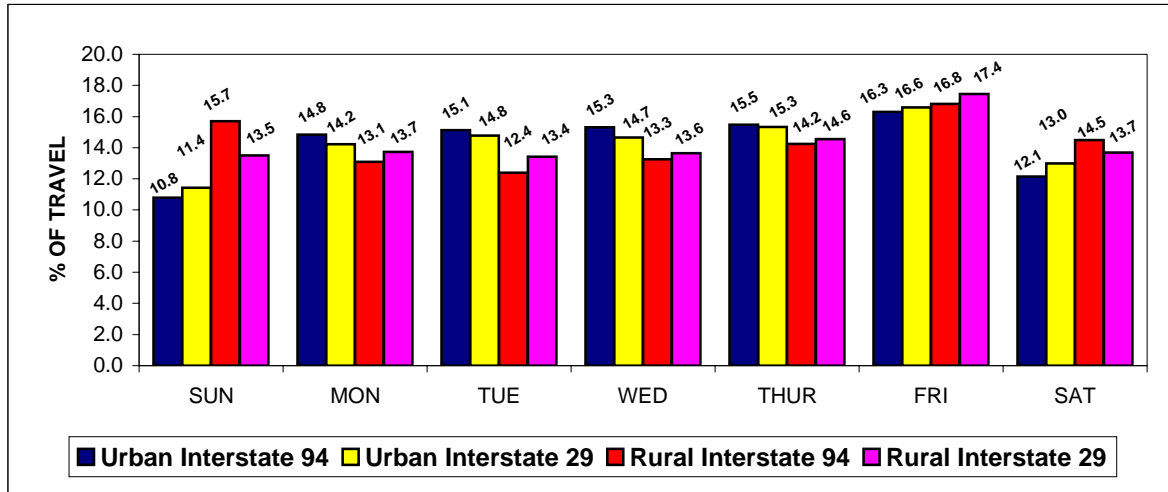


URBAN COLLECTOR

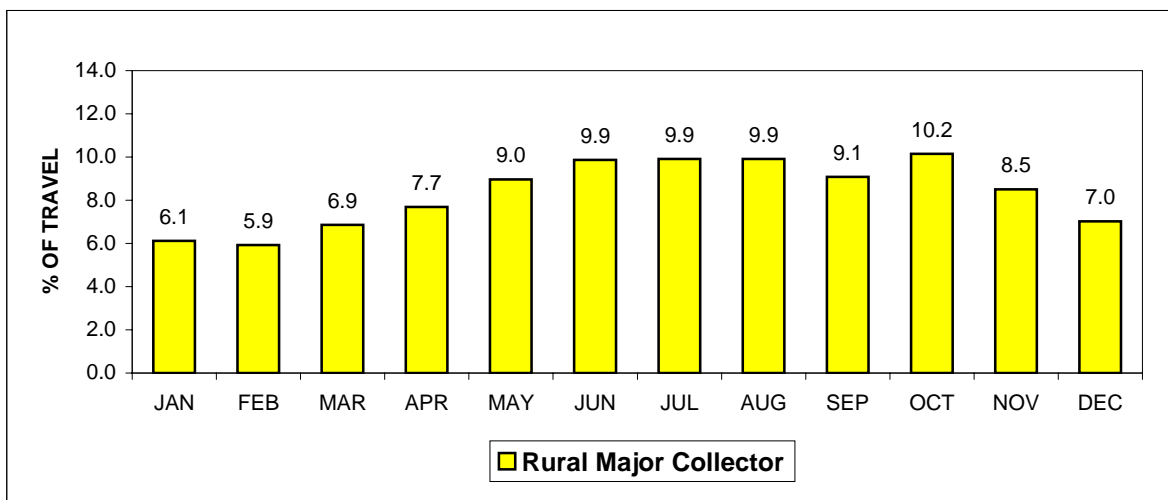
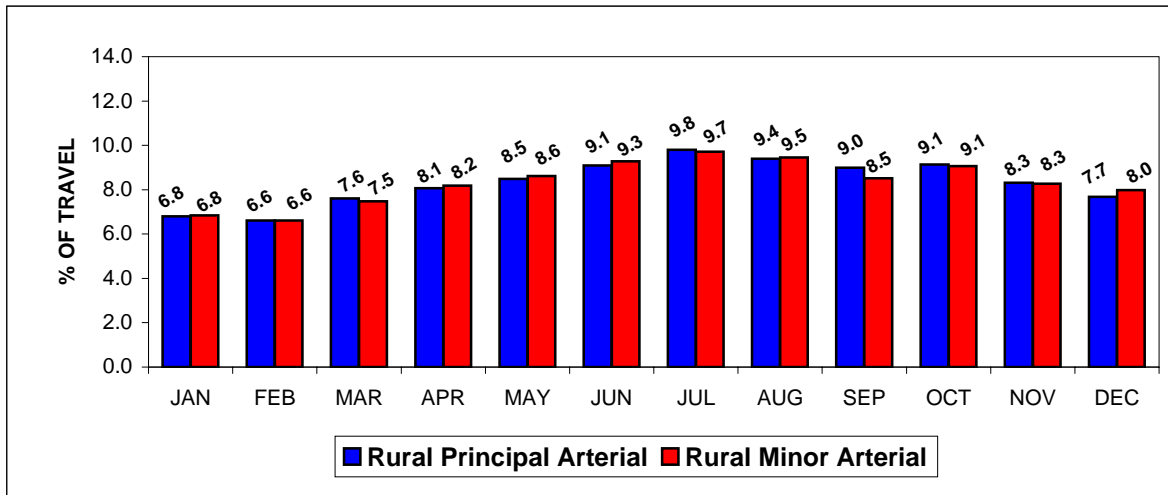
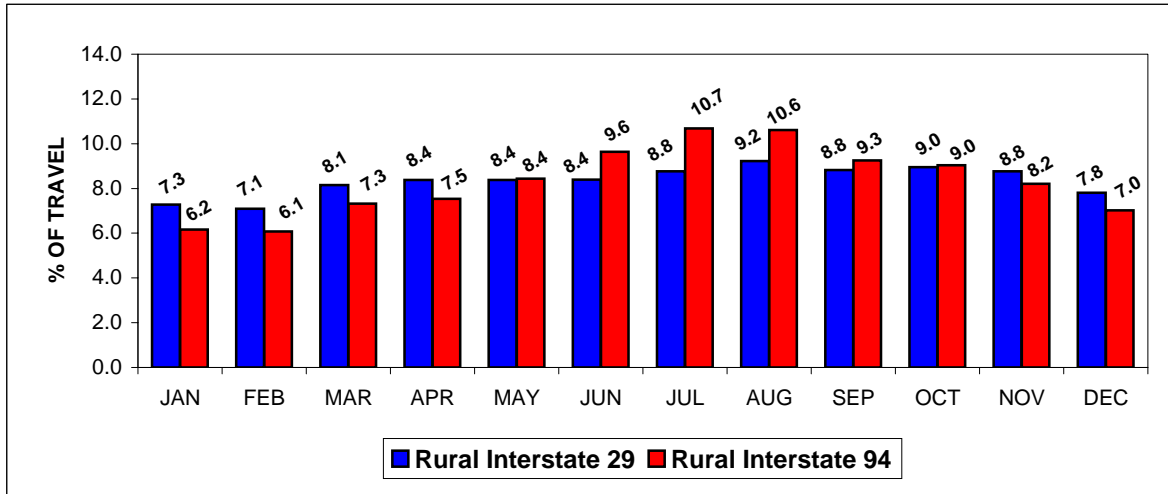


DAILY DISTRIBUTION OF TRAVEL

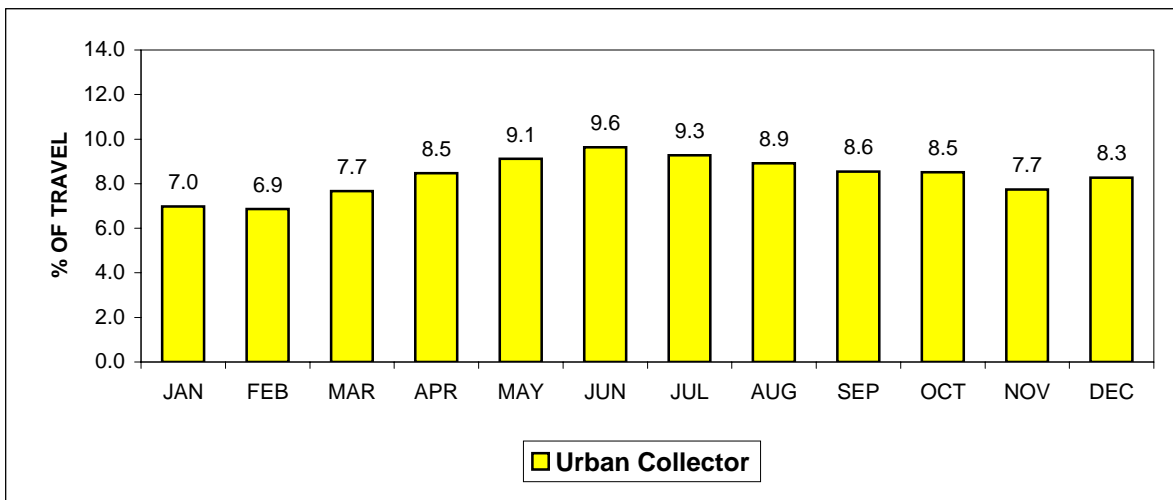
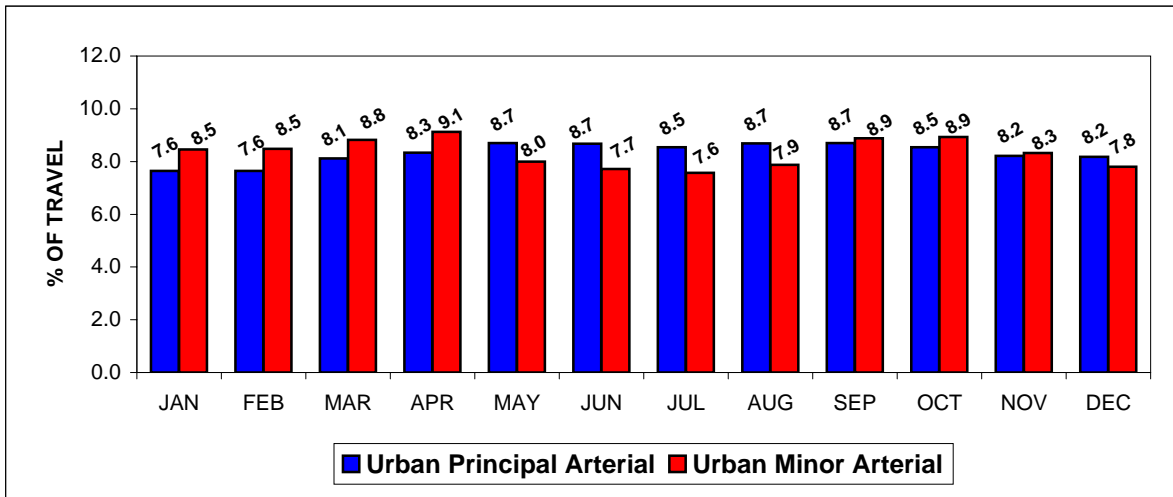
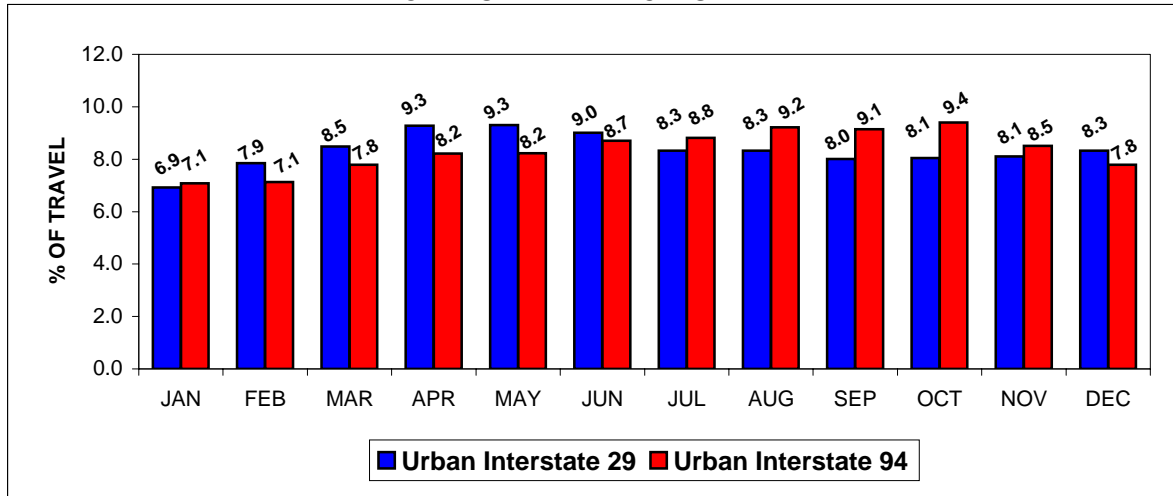
TOTAL VEHICLES



MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL RURAL VEHICLES

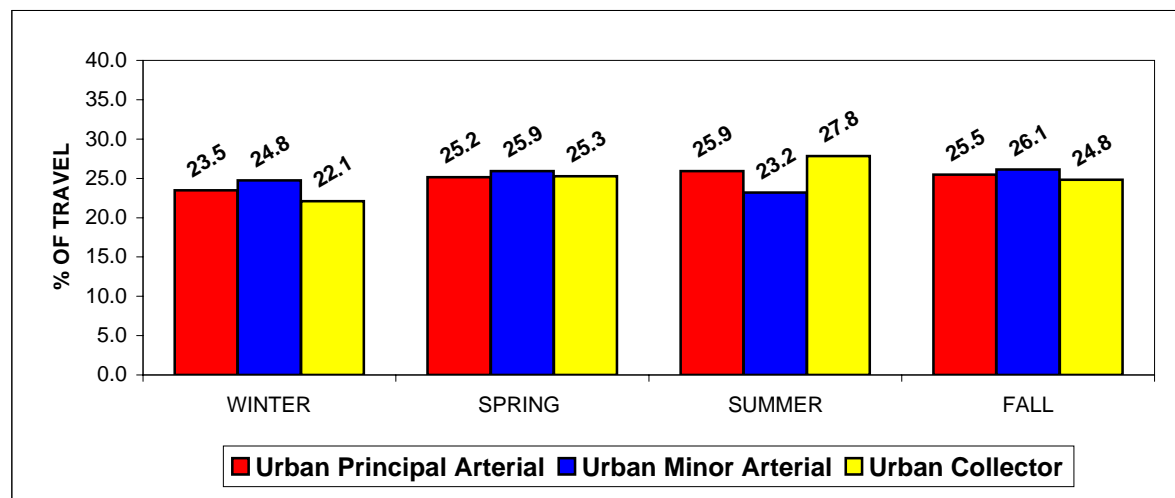
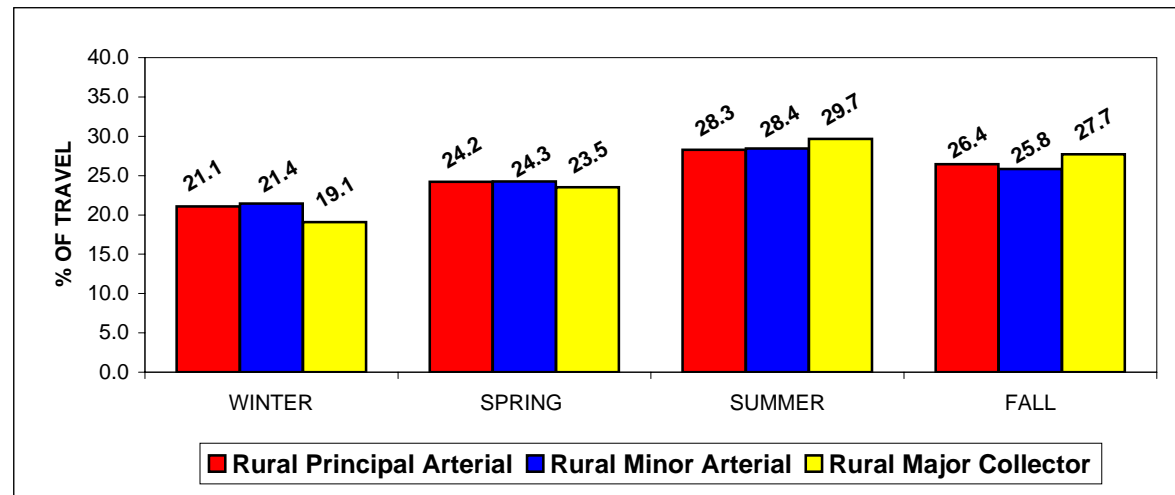
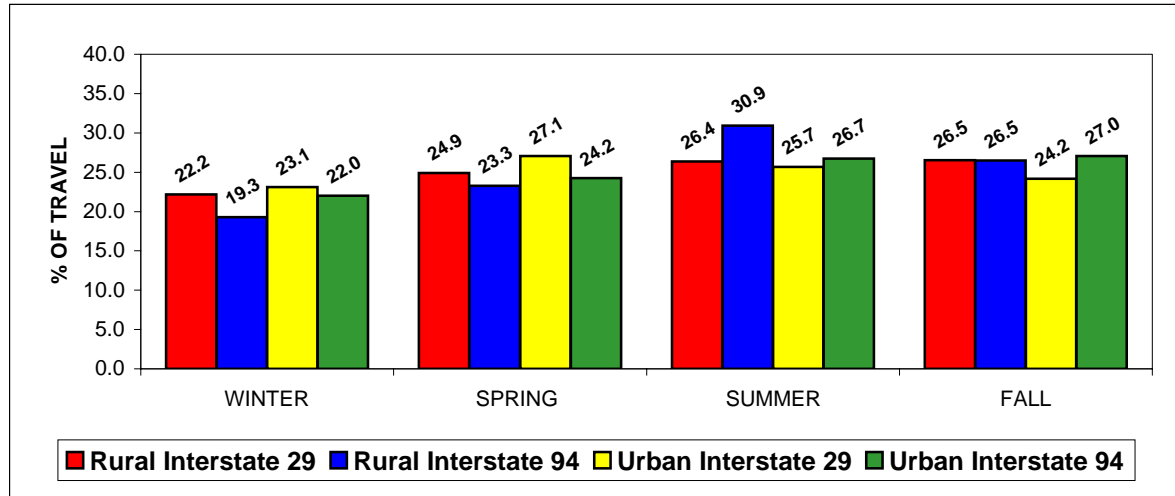


MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL URBAN VEHICLES



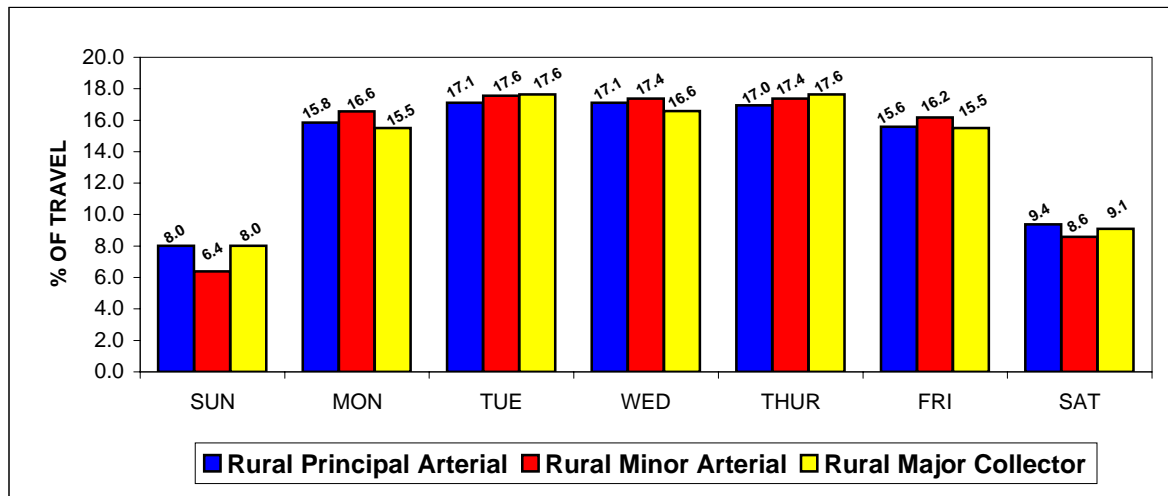
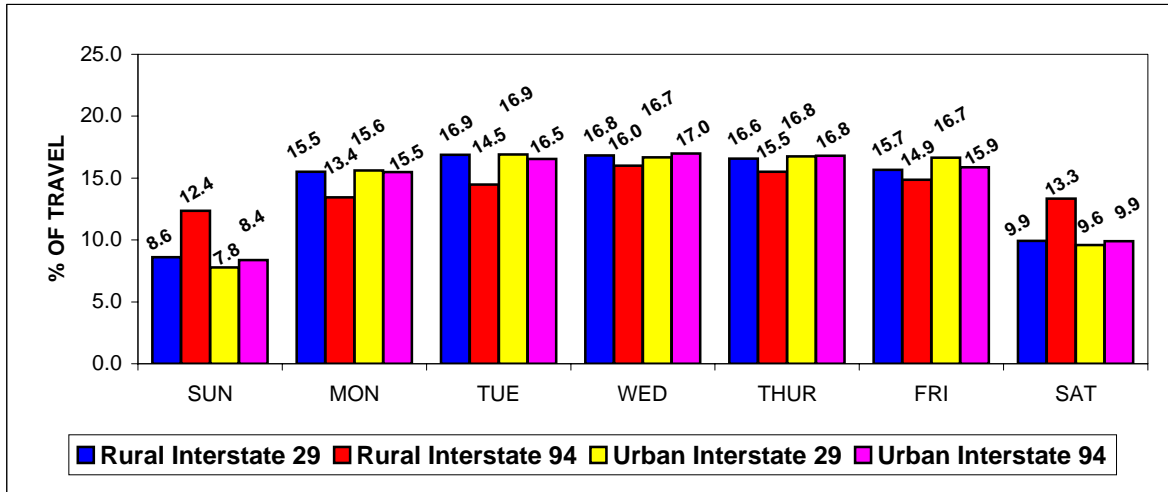
SEASONAL DISTRIBUTION OF TRAVEL

TOTAL VEHICLES



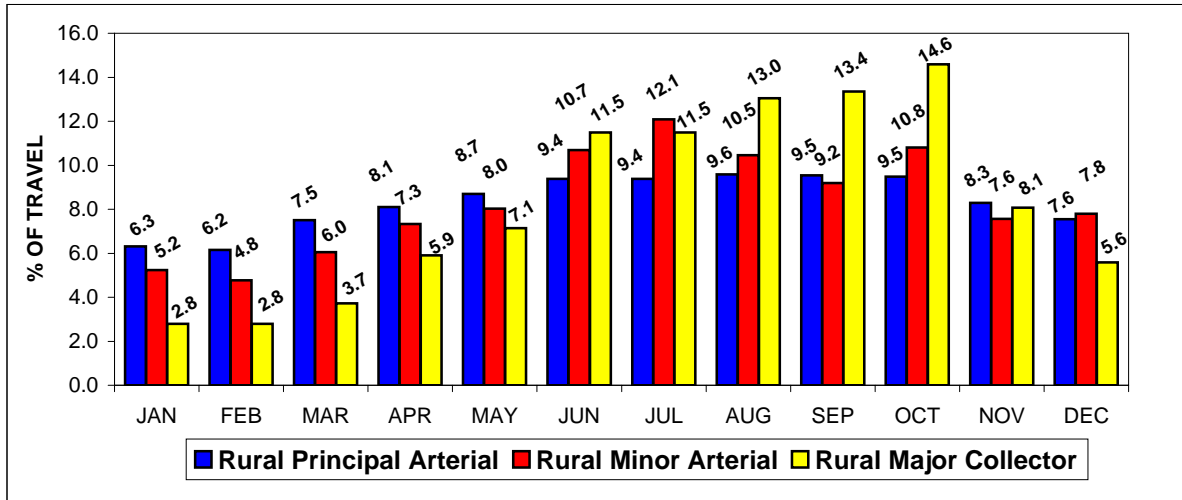
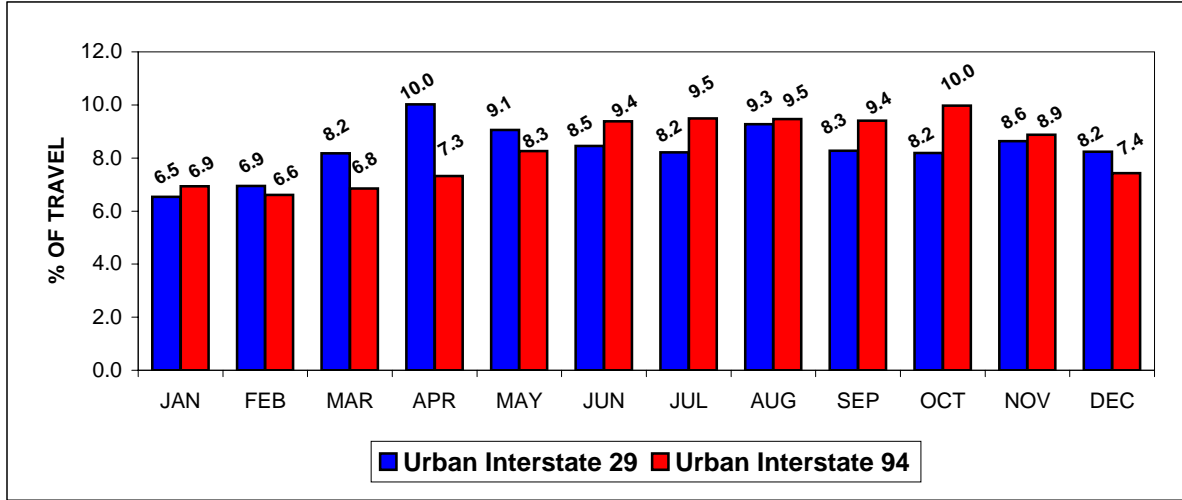
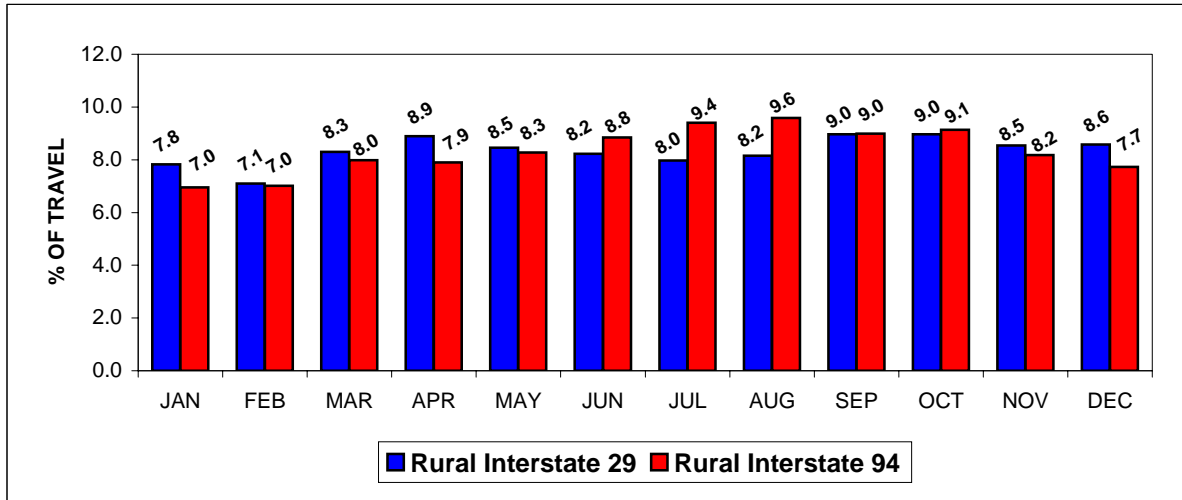
DAILY DISTRIBUTION OF TRAVEL

TOTAL TRUCKS



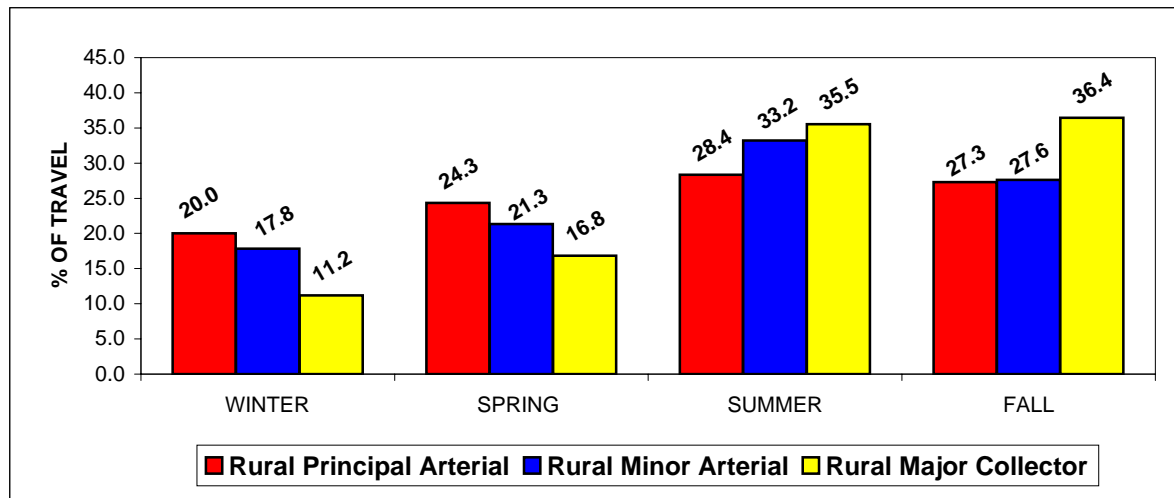
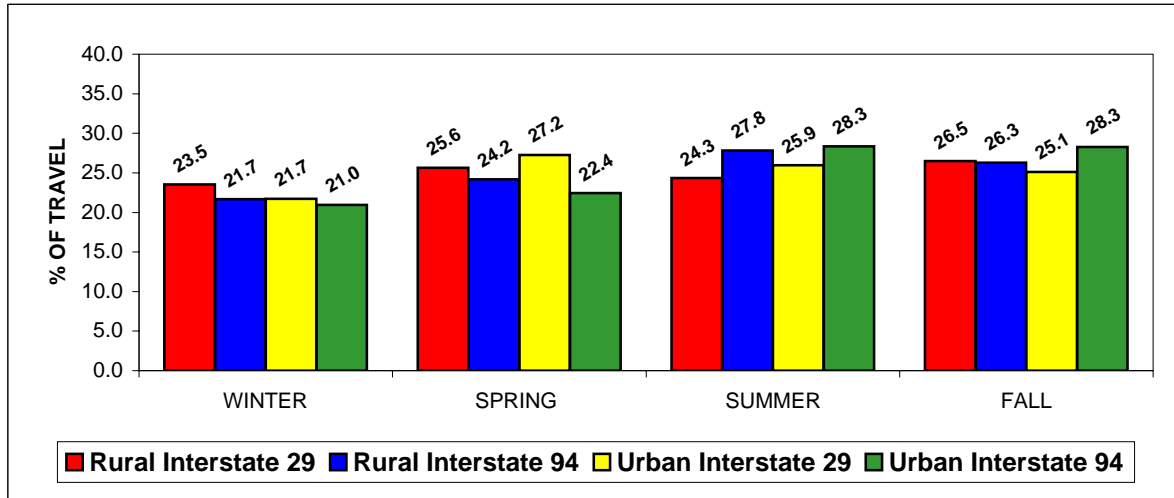
MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

TOTAL TRUCKS



SEASONAL DISTRIBUTION OF TRAVEL

TOTAL TRUCKS



**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2007**

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
INTERSTATE RURAL - I-94									
207	MEDINA	EAST	3599	840	23.3%	521	14.5%	546	49-51
		WEST	3342	758	22.7%	457	13.7%	404	53-47
		EAST & WEST	6941	1,296	18.7%	958	13.8%		
223	NEW SALEM	EAST	3164	535	16.9%	413	13.1%	248	62-38
		WEST	3088	494	16.0%	365	11.8%	295	55-45
		EAST & WEST	6252	821	13.1%	724	11.6%		
245	TOWER CITY	EAST	4727	1,087	23.0%	648	13.7%	537	55-45
		WEST	4713	987	20.9%	624	13.2%	685	48-52
		EAST & WEST	9440	1,601	17.0%	1210	12.8%		
279	PAINTED CANYON	EAST	2055	866	42.1%	306	14.9%	240	56-44
		WEST	2031	434	21.4%	306	15.1%	274	53-47
		EAST & WEST	4086	932	22.8%	574	14.0%		
INTERSTATE RURAL - I-29									
211	BUXTON	NORTH	5482	882	16.1%	708	12.9%	413	63-37
		SOUTH	5469	874	16.0%	688	12.6%	558	55-45
		NORTH & SOUTH	10951	1,630	14.9%	1316	12.0%		
243	BOWESMONT	NORTH	1817	335	18.4%	250	13.8%	143	64-36
		SOUTH	1845	727	39.4%	270	14.6%	76	78-22
		NORTH & SOUTH	3662	826	22.6%	426	11.6%		
265	MOORETON	NORTH	2986	473	15.8%	342	11.5%	358	49-51
		SOUTH	3073	522	17.0%	365	11.9%	287	56-44
		NORTH & SOUTH	6059	922	15.2%	688	11.4%		
285	DAVENPORT	NORTH	5159	679	13.2%	634	12.3%	267	70-30
		SOUTH	5062	896	17.7%	670	13.2%	475	59-41
		NORTH & SOUTH	10221	1,488	14.6%	1129	11.0%		
INTERSTATE URBAN - I-94									
217	FARGO (U)	EAST	31069	4,179	13.5%	3808	12.3%	2878	57-43
		WEST	31982	3,442	10.8%	3261	10.2%	2041	62-38
		EAST & WEST	63051	7,110	11.3%	6740	10.7%		
283	BISMARCK (U)	EAST	12445	3,018	24.3%	2084	16.7%	1658	56-44
		WEST	12325	2,463	20.0%	1748	14.2%	2024	46-54
		EAST & WEST	24770	5,481	22.1%	3768	15.2%		
INTERSTATE URBAN - I-29									
235	FARGO (U)	NORTH	13605	2,026	14.9%	1335	9.8%	1059	56-44
		SOUTH	13037	2,520	19.3%	1169	9.0%	1168	50-50
		NORTH & SOUTH	26642	4,442	16.7%	2407	9.0%		
PRINCIPAL ARTERIAL RURAL									
201	RAY	EAST	1061	151	14.2%	111	10.5%	68	62-38
		WEST	1054	153	14.5%	118	11.2%	76	61-39
		EAST & WEST	2115	264	12.5%	208	9.8%		
203	MAX	NORTH	1844	326	17.7%	248	13.4%	227	52-48

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2007**

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
PRINCIPAL ARTERIAL RURAL									
203	MAX	SOUTH	1809	298	16.5%	231	12.8%	233	50-50
		NORTH & SOUTH	3653	580	15.9%	447	12.2%		
205	GWINNER	EAST	596	95	15.9%	82	13.8%	16	84-16
		WEST	604	123	20.4%	98	16.2%	45	69-31
		EAST & WEST	1200	167	13.9%	143	11.9%		
215	JAMESTOWN	EAST	1436	230	16.0%	178	12.4%	125	59-41
		WEST	1423	217	15.2%	162	11.4%	103	61-39
		EAST & WEST	2859	376	13.2%	316	11.1%		
219	MANDAN	NORTH	740	110	14.9%	85	11.5%	37	70-30
		SOUTH	748	135	18.0%	103	13.8%	48	68-32
		NORTH & SOUTH	1488	199	13.4%	161	10.8%		
221	FAIRFEILD	NORTH	877	113	12.9%	94	10.7%	64	59-41
		SOUTH	877	186	21.2%	108	12.3%	54	67-33
		NORTH & SOUTH	1754	251	14.3%	181	10.3%		
229	COOPERSTOWN	EAST	420	105	25.0%	55	13.1%	37	60-40
		WEST	399	100	25.1%	52	13.0%	50	51-49
		EAST & WEST	819	130	15.9%	98	12.0%		
233	FOXHOLM	EAST	1069	182	17.0%	125	11.7%	68	65-35
		WEST	1031	188	18.2%	130	12.6%	88	60-40
		EAST & WEST	2100	275	13.1%	231	11.0%		
237	NEKOMA	NORTH	442	122	27.6%	76	17.2%	27	74-26
		SOUTH	444	100	22.5%	84	18.9%	37	69-31
		NORTH & SOUTH	886	168	19.0%	128	14.4%		
239	NEW TOWN	EAST	864	144	16.7%	100	11.6%	72	58-42
		WEST	862	162	18.8%	110	12.8%	56	66-34
		EAST & WEST	1726	278	16.1%	196	11.4%		
241	BOTTINEAU	EAST	488	87	17.8%	68	13.9%	27	72-28
		WEST	519	93	17.9%	71	13.7%	78	48-52
		EAST & WEST	1007	149	14.8%	122	12.1%		
251	HAGUE	NORTH	365	121	33.2%	49	13.4%	37	57-43
		SOUTH	364	105	28.8%	50	13.7%	30	63-38
		NORTH & SOUTH	729	157	21.5%	90	12.3%		
253	RUGBY	EAST	1267	213	16.8%	154	12.2%	119	56-44
		WEST	1243	200	16.1%	156	12.6%	98	61-39
		EAST & WEST	2510	285	11.4%	273	10.9%		
255	CROSBY	EAST	289	85	29.4%	43	14.9%	35	55-45
		WEST	292	95	32.5%	41	14.0%	29	59-41
		EAST & WEST	581	111	19.1%	71	12.2%		
257	WILLISTON	EAST	637	153	24.0%	81	12.7%	41	66-34
		WEST	628	115	18.3%	83	13.2%	57	59-41
		EAST & WEST	1265	209	16.5%	144	11.4%		
271	GOLDEN VALLEY	EAST	354	66	18.6%	44	12.4%	22	67-33
		WEST	359	107	29.8%	53	14.8%	28	65-35

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2007**

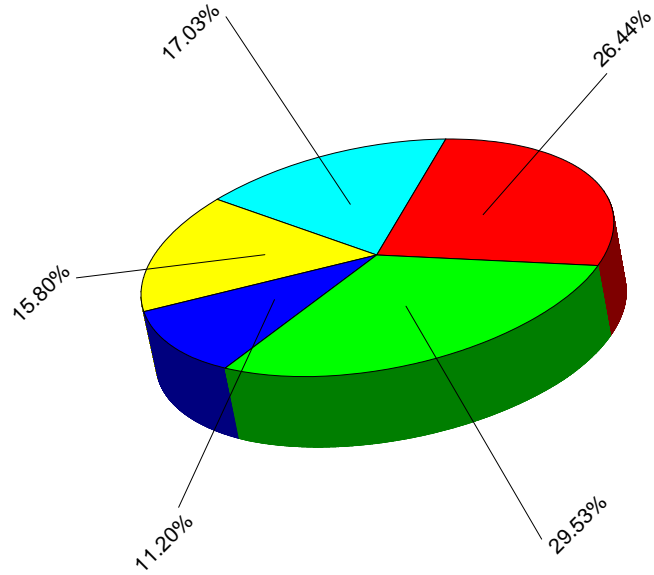
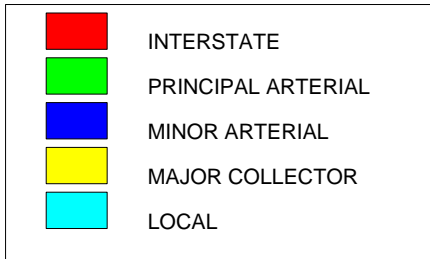
STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
PRINCIPAL ARTERIAL RURAL									
271	GOLDEN VALLEY	EAST & WEST	713	126	17.7%	83	11.6%		
273	NEW LEIPZIG	EAST	168	46	27.4%	25	14.9%	17	60-40
		WEST	167	59	35.3%	25	15.0%	13	66-34
		EAST & WEST	335	71	21.2%	46	13.7%		
281	SAWYER	EAST	1988	323	16.2%	288	14.5%	136	68-32
		WEST	2016	313	15.5%	290	14.4%	112	72-28
		EAST & WEST	4004	507	12.7%	447	11.2%		
303	MICHIGAN	EAST	1696	343	20.2%	245	14.4%	132	65-35
		WEST	1688	332	19.7%	237	14.0%	171	58-42
		EAST & WEST	3384	562	16.6%	434	12.8%		
307	WASHBURN	NORTH	2202	351	15.9%	301	13.7%	62	83-17
		SOUTH	2161	415	19.2%	315	14.6%	178	64-36
		NORTH & SOUTH	4363	654	15.0%	530	12.1%		
MINOR ARTERIAL RURAL									
231	GRAFTON	EAST	1233	170	13.8%	138	11.2%	67	67-33
		WEST	1236	220	17.8%	163	13.2%	94	63-37
		EAST & WEST	2469	324	13.1%	269	10.9%		
247	COURTENAY	NORTH	229	61	26.6%	37	16.2%	22	63-37
		SOUTH	227	57	25.1%	32	14.1%	10	76-24
		NORTH & SOUTH	456	86	18.9%	56	12.3%		
249	GARRISON	EAST	592	132	22.3%	90	15.2%	47	66-34
		WEST	585	152	26.0%	89	15.2%	81	52-48
		EAST & WEST	1177	231	19.6%	172	14.6%		
275	HANNOVER	NORTH	273	53	19.4%	40	14.7%	14	74-26
		SOUTH	257	59	23.0%	38	14.8%	9	81-19
		NORTH & SOUTH	530	91	17.2%	70	13.2%		
289	MANNING	NORTH	955	161	16.9%	112	11.7%	80	58-42
		SOUTH	946	158	16.7%	124	13.1%	40	76-24
		NORTH & SOUTH	1901	261	13.7%	218	11.5%		
MAJOR COLLECTOR									
225	STERLING	EAST	289	102	35.3%	46	15.9%	33	58-42
		WEST	269	79	29.4%	34	12.6%	37	48-52
		EAST & WEST	558	130	23.3%	70	12.5%		
259	AYR	EAST	175	31	17.7%	25	14.3%	13	66-34
		WEST	175	35	20.0%	26	14.9%	9	74-26
		EAST & WEST	350	58	16.6%	45	12.9%		
277	REGENT	NORTH	152	62	40.8%	29	19.1%	25	54-46
		SOUTH	157	45	28.7%	28	17.8%	11	72-28
		NORTH & SOUTH	309	72	23.3%	49	15.9%		

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2007**

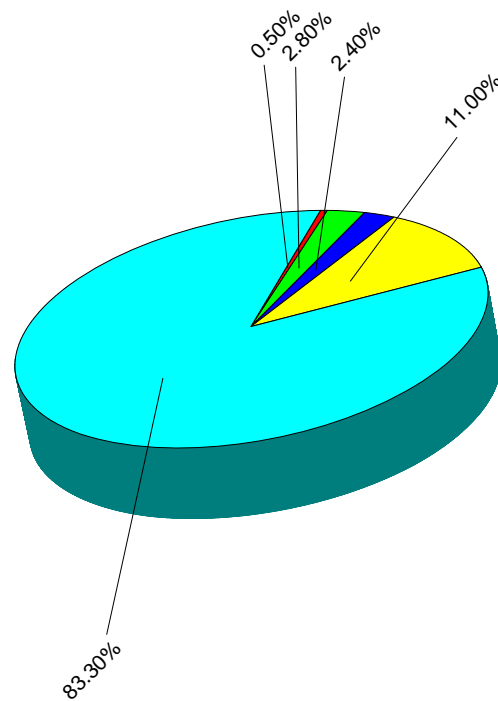
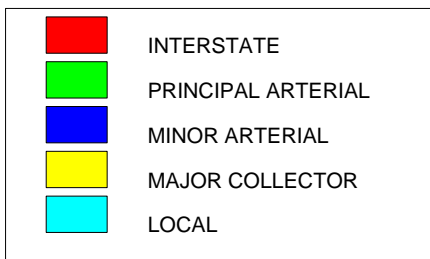
STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			DIRECTIONAL DISTRIBUTION
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	
PRINCIPAL ARTERIAL URBAN									
287	GRAND FORKS	NORTH	9943	1,028	10.3%	956	9.6%	1053	48-52
		SOUTH	10004	1,254	12.5%	1124	11.2%	854	57-43
		NORTH & SOUTH	19947	2,221	11.1%	2061	10.3%		
501	FARGO (U)	NORTH	11360	1,407	12.4%	1300	11.4%	897	59-41
		SOUTH	13173	1,669	12.7%	1546	11.7%	987	61-39
		NORTH & SOUTH	24533	2,774	11.3%	2553	10.4%		
601	BISMARCK (U)	SOUTH	12174	1,502	12.3%	1362	11.2%		-
603	WILLISTON (U)	EAST	2331	287	12.3%	251	10.8%	215	54-46
		WEST	2292	276	12.0%	251	11.0%	191	57-43
		EAST & WEST	4623	542	11.7%	489	10.6%		
605	MANDAN (U)	EAST	9864	1,216	12.3%	984	10.0%	1166	46-54
		WEST	10666	1,748	16.4%	1327	12.4%	934	59-41
		EAST & WEST	20530	2,877	14.0%	2280	11.1%		
MINOR ARTERIAL-URBAN									
607	DICKINSON (U)	EAST	1455	235	16.2%	211	14.5%	148	59-41
		WEST	1512	253	16.7%	223	14.7%	72	76-24
		EAST & WEST	2967	396	13.3%	361	12.2%		
611	MINOT (U)	EAST	1119	181	16.2%	143	12.8%	95	60-40
		WEST	1221	202	16.5%	162	13.3%	127	56-44
		EAST & WEST	2340	321	13.7%	285	12.2%		
COLLECTOR URBAN									
609	MINOT (U)	EAST	1109	217	19.6%	138	12.4%	129	52-48
		WEST	1082	272	25.1%	127	11.7%	168	43-57
		EAST & WEST	2191	377	17.2%	252	11.5%		

2007 COMPARISON OF VEHICLE MILES TO RURAL ROAD MILES

Vehicle Miles

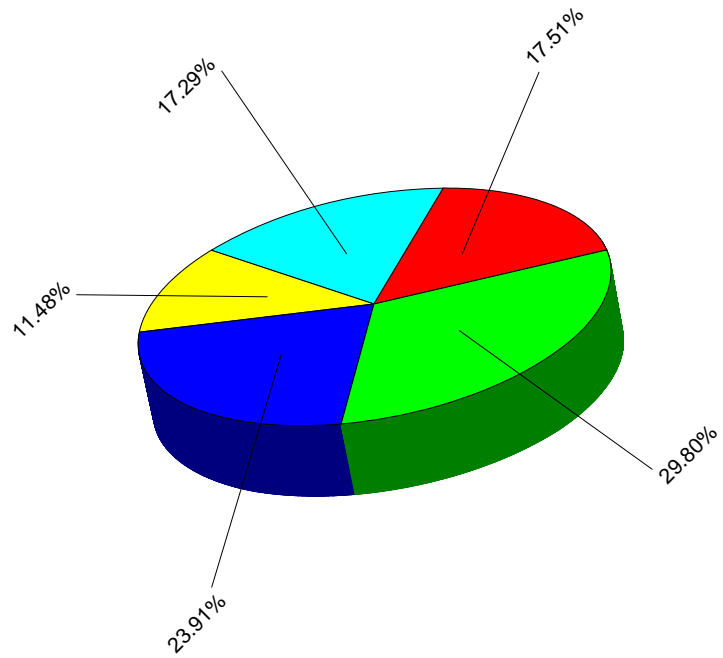
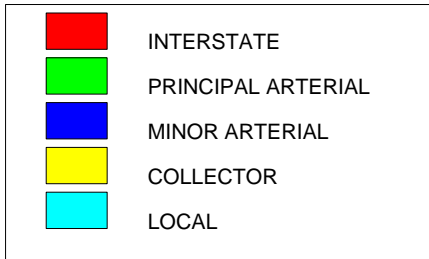


Road Miles

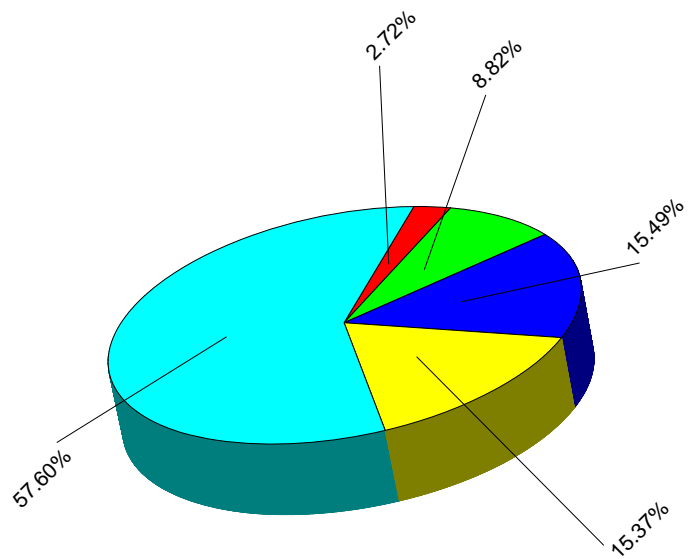
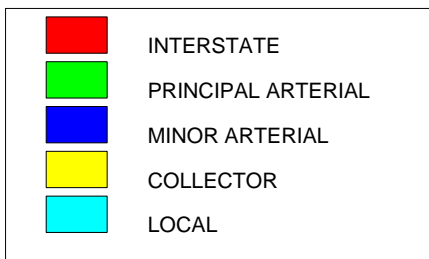


2007 COMPARISON OF VEHICLE MILES TO URBAN ROAD MILES

Vehicle Miles



Road Miles



**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
SUMMARY OF 2007 EXISTING MILEAGE OF NORTH DAKOTA ROADS AND STREETS
CLASSIFIED BY SYSTEMS**

SYSTEM	SURFACED MILEAGE			UNSURFACED MILEAGE		TOTALS	NHS
	HARD SURFACES			GRADED/ DRAINED	UNIMPROVED ROADS		HARD SURFACES
	BITUMINOUS	CONCRETE	GRAVEL				
STATE							
INTERSTATE RURAL	135.0	384.3	0.0	0.0	0.0	519.3	519.3
INTERSTATE URBAN	10.4	41.5	0.0	0.0	0.0	51.9	51.9
TOTAL	145.4	425.7	0.0	0.0	0.0	571.1	571.1
PRINCIPAL ARTERIAL RURAL	2,813.4	116.2	0.0	0.0	0.0	2,929.6	2,085.2
PRINCIPAL ARTERIAL URBAN	103.6	47.6	0.0	0.0	0.0	151.2	65.7
TOTAL	2,917.0	163.8	0.0	0.0	0.0	3,080.8	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	1,155.5	6.3	0.0	0.0	0.0	1,161.8	
TOTAL	1,155.5	6.3	0.0	0.0	0.0	1,161.8	
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	
TOTAL STATE HIGHWAY SYSTEM	6,784.3	599.7	0.5	0.0	0.0	7,384.4	2,722.1
COUNTY							
MAJOR COLLECTOR RURAL	4,421.3	40.7	5,626.6	1.0	3.5	10,093.0	
MAJOR COLLECTOR CITY	194.1	4.4	70.1	0.1	0.0	268.8	
TOTAL	4,615.4	45.1	5,696.7	1.1	3.5	10,361.8	
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	1,082.1	35.7	52,395.7	6,342.9	25,194.3	85,050.7	
LOCAL ROADS CITY	1,041.4	3.9	970.9	42.3	122.6	2,181.1	
TOTAL	2,123.5	39.6	53,366.6	6,385.2	25,316.9	87,231.8	
TOTAL COUNTY SYSTEM	6,741.4	84.7	59,063.3	6,386.3	25,320.4	97,596.1	2.5
URBAN							
PRINCIPAL ARTERIAL	6.1	10.7	0.0	0.0	0.0	16.9	
MINOR ARTERIAL	203.4	49.7	29.7	0.0	1.0	283.7	
COLLECTOR	221.0	44.9	24.5	0.0	2.4	292.8	
LOCAL STREETS	773.7	146.1	156.1	2.3	16.4	1,094.6	
TOTAL URBAN SYSTEM	1,204.1	251.3	210.2	2.3	19.8	1,687.9	
TOTAL RURAL ROADS	13,399.9	592.9	59,063.8	6,386.3	25,320.4	104,763.3	
TOTAL CITY STREETS	1,329.9	342.8	210.2	2.3	19.8	1,905.2	
TOTAL	14,729.8	935.7	59,274.0	6,388.6	25,340.2	106,668.4	
TOTAL NHS							2,724.6

FUNCTIONAL SYSTEM MILEAGE

SYSTEM	RURAL	URBAN	TOTAL
INTERSTATE	519.3	51.9	571.1
PRINCIPAL	2,932.1	168.1	3,100.1
MINOR	2,515.8	295.1	2,810.9
COLLECTOR	11,523.6	292.8	11,816.3
LOCAL	87,272.5	1,097.4	88,369.9
TOTAL	104,763.3	1,905.2	106,668.4

2007 URBAN ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS
 (VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

CITY	INTERSTATE	PRINCIPLE ARTERIAL	MINOR ARTERIAL	COLLECTOR	LOCAL STREETS	TOTAL
BISMARCK	43,585	103,162	100,798	47,994	36,042	331,581
DEVILS LAKE		21,820	5,927	5,755	7,202	40,704
DICKINSON	10,328	24,234	20,788	10,745	23,021	89,116
FARGO	232,152	163,543	179,689	66,375	147,154	788,913
GRAFTON		6,832	1,441	2,273	3,633	14,178
GRAND FORKS	14,445	104,751	55,449	42,990	35,834	253,469
JAMESTOWN	16,503	26,240	8,935	10,237	14,386	76,300
MANDAN	50,513	37,761	26,341	4,248	9,167	128,031
MINOT		102,184	49,768	31,967	46,096	230,015
VALLEY CITY	16,098	6,462	5,706	4,447	6,589	39,302
WAHPETON		12,927	7,965	5,405	9,232	35,529
WEST FARGO		17,402	44,467	13,376	24,119	99,364
WILLISTON		25,027	16,335	4,898	16,282	62,543
TOTAL	383,623	652,346	523,609	250,711	378,758	2,189,046

2007 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

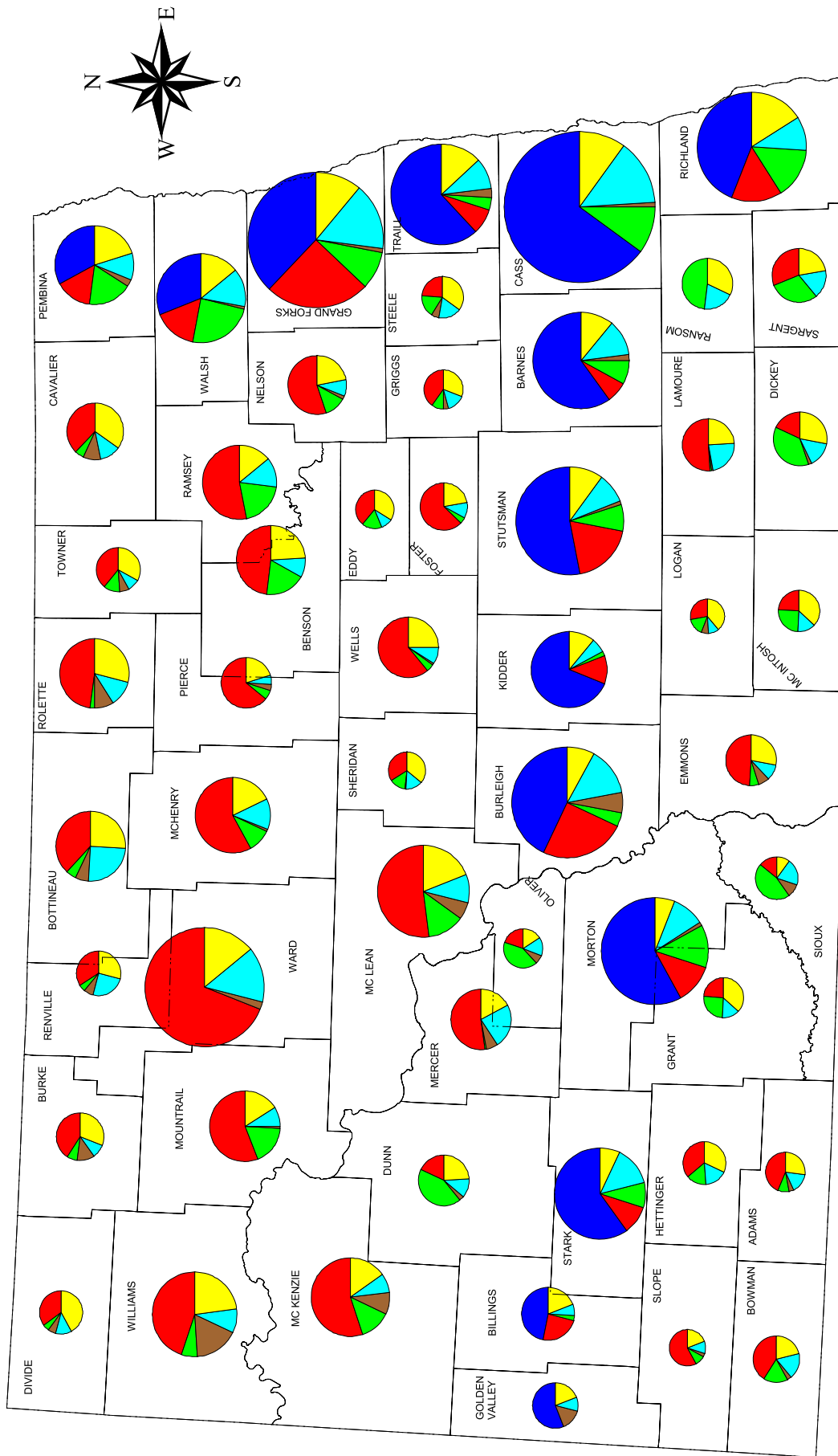
COUNTY	INTERSTATE	PRINCIPLE ARTERIAL	MINOR ARTERIAL	STATE MAJOR COLLECTOR	COUNTY MAJOR COLLECTOR	LOCAL ROADS	TOTAL
ADAMS		13,809	2,847	1,218	4,965	8,533	31,373
BARNES	112,607	13,786	15,146	3,298	22,091	21,193	188,121
BENSON		47,347	18,297	169	9,015	23,535	98,364
BILLINGS	27,114	13,945	1,723		4,027	11,192	58,002
BOTTINEAU		38,584	5,453	5,726	25,031	26,094	100,888
BOWMAN		18,139	7,541	1,179	7,827	9,612	44,299
BURKE		19,064	3,418	5,448	4,244	14,318	46,493
BURLEIGH	104,660	62,101	10,977	15,405	33,819	17,996	244,959
CASS	281,693		43,600	5,142	61,627	42,806	434,868
CAVALIER		25,110	3,508	6,452	8,297	23,263	66,628
DICKEY		10,483	22,248	1,157	8,901	16,986	59,775
DIVIDE		13,080	1,789	2,288	4,402	16,237	37,797
DUNN		9,377	22,828	1,672	6,554	12,596	53,027
EDDY		11,415	5,079		3,058	10,077	29,629
EMMONS		26,250	3,158	3,847	5,134	14,739	53,128
FOSTER		29,012	1,767		5,246	9,919	45,945
GOLDEN VALLEY	23,736			6,244	4,427	7,812	42,219
GRAND FORKS	133,996	87,768	32,218	2,156	58,658	40,974	355,770
GRANT		7,703	8,026		4,607	11,850	32,186
GRIGGS		12,170	3,139	1,140	4,724	9,431	30,604
HETTINGER		13,584	5,616		6,364	11,812	37,376
KIDDER	81,772	14,727	2,746		6,761	13,146	119,153
LAMOURE		28,262	434	412	12,669	13,997	55,773
LOGAN		6,403	3,753	1,587	2,322	8,985	23,051
MC HENRY		68,446	11,879	951	14,884	21,125	117,284
MC INTOSH		8,428	8,777		4,870	12,598	34,673
MC KENZIE		69,176	16,577	12,007	10,325	18,742	126,827
MC LEAN		88,988	22,405	9,603	16,646	33,739	171,382
MERCER		38,998	457	4,443	18,436	13,116	75,450
MORTON	132,094	26,905	28,791	2,140	21,986	17,203	229,117
MOUNTRAIL		57,417	18,673	1,520	9,762	16,007	103,378
NELSON		39,026	8,390	1,290	6,298	16,457	71,461
OLIVER		6,269	13,112	2,241	4,678	4,571	30,871
PEMBINA	42,527	19,162	22,566	4,475	14,705	24,644	128,079
PIERCE		33,428	3,083	2,165	2,928	11,014	52,617
RAMSEY		60,190	23,119		15,201	14,935	113,445
RANSOM			25,678		10,757	16,543	52,978
RENVILLE		13,636	2,115	2,832	10,060	11,809	40,453
RICHLAND	104,788	35,327	35,015		22,775	40,385	238,289
ROLETTE		48,328	2,205	9,040	12,181	28,185	99,939
SARGENT		18,841	18,028		10,450	12,683	60,002
SHERIDAN		9,308	3,938	280	3,988	9,856	27,371
SIOUX		5,135	17,130	3,808	7,544	3,288	36,905
SLOPE		15,096	2,251	783	2,856	5,042	26,029
STARK	102,163	16,685	15,354		23,043	12,054	169,299
STEELE		8,559	5,878	1,943	6,378	12,278	35,037
STUTSMAN	122,740	43,398	18,111	2,651	21,568	24,222	232,690
TOWNER		15,540	4,665	2,756	3,384	13,149	39,495
TRAILL	126,597	16,935	9,098	6,405	21,230	25,162	205,426
WALSH	50,414	25,353	39,089	1,544	21,965	22,705	161,070
WARD		193,822		4,408	43,127	39,428	280,785
WELLS		46,210	3,161	735	6,618	19,120	75,843
WILLIAMS		65,424	8,260	25,456	12,905	34,544	146,589
TOTAL	1,446,901	1,616,149	613,116	168,018	696,321	931,705	5,472,210

2007 ANNUAL VEHICLE MILES OF TRAVEL BY COUNTY

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

COUNTY	RURAL	URBAN	COUNTY TOTAL	PERCENT OF STATE TRAVEL
ADAMS	31,373		31,373	0.41%
BARNES	188,121	39,685	227,806	2.97%
BENSON	98,364		98,364	1.28%
BILLINGS	58,002		58,002	0.76%
BOTTINEAU	100,888		100,888	1.32%
BOWMAN	44,299		44,299	0.58%
BURKE	46,493		46,493	0.61%
BURLEIGH	244,959	331,581	576,541	7.52%
CASS	434,868	888,545	1,323,413	17.27%
CAVALIER	66,628		66,628	0.87%
DICKEY	59,775		59,775	0.78%
DIVIDE	37,797		37,797	0.49%
DUNN	53,027		53,027	0.69%
EDDY	29,629		29,629	0.39%
EMMONS	53,128		53,128	0.69%
FOSTER	45,945		45,945	0.60%
GOLDEN VALLEY	42,219		42,219	0.55%
GRAND FORKS	355,770	254,122	609,892	7.96%
GRANT	32,186		32,186	0.42%
GRIGGS	30,604		30,604	0.40%
HETTINGER	37,376		37,376	0.49%
KIDDER	119,153		119,153	1.55%
LAMOURE	55,773		55,773	0.73%
LOGAN	23,051		23,051	0.30%
MC HENRY	117,284		117,284	1.53%
MC INTOSH	34,673		34,673	0.45%
MC KENZIE	126,827		126,827	1.66%
MC LEAN	171,382		171,382	2.24%
MERCER	75,450		75,450	0.98%
MORTON	229,117	128,031	357,148	4.66%
MOUNTRAIL	103,378		103,378	1.35%
NELSON	71,461		71,461	0.93%
OLIVER	30,871		30,871	0.40%
PEMBINA	128,079		128,079	1.67%
PIERCE	52,617		52,617	0.69%
RAMSEY	113,445	40,704	154,149	2.01%
RANSOM	52,978		52,978	0.69%
RENVILLE	40,453		40,453	0.53%
RICHLAND	238,289	35,529	273,818	3.57%
ROLETTE	99,939		99,939	1.30%
SARGENT	60,002		60,002	0.78%
SHERIDAN	27,371		27,371	0.36%
SIOUX	36,905		36,905	0.48%
SLOPE	26,029		26,029	0.34%
STARK	169,299	89,300	258,599	3.37%
STEELE	35,037		35,037	0.46%
STUTSMAN	232,690	76,300	308,990	4.03%
TOWNER	39,495		39,495	0.52%
TRAILL	205,426		205,426	2.68%
WALSH	161,070	14,178	175,249	2.29%
WARD	280,785	230,015	510,801	6.67%
WELLS	75,843		75,843	0.99%
WILLIAMS	146,589	62,543	209,132	2.73%
TOTAL	5,472,210	2,190,534	7,662,744	100.00%

2007 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASSIFICATION

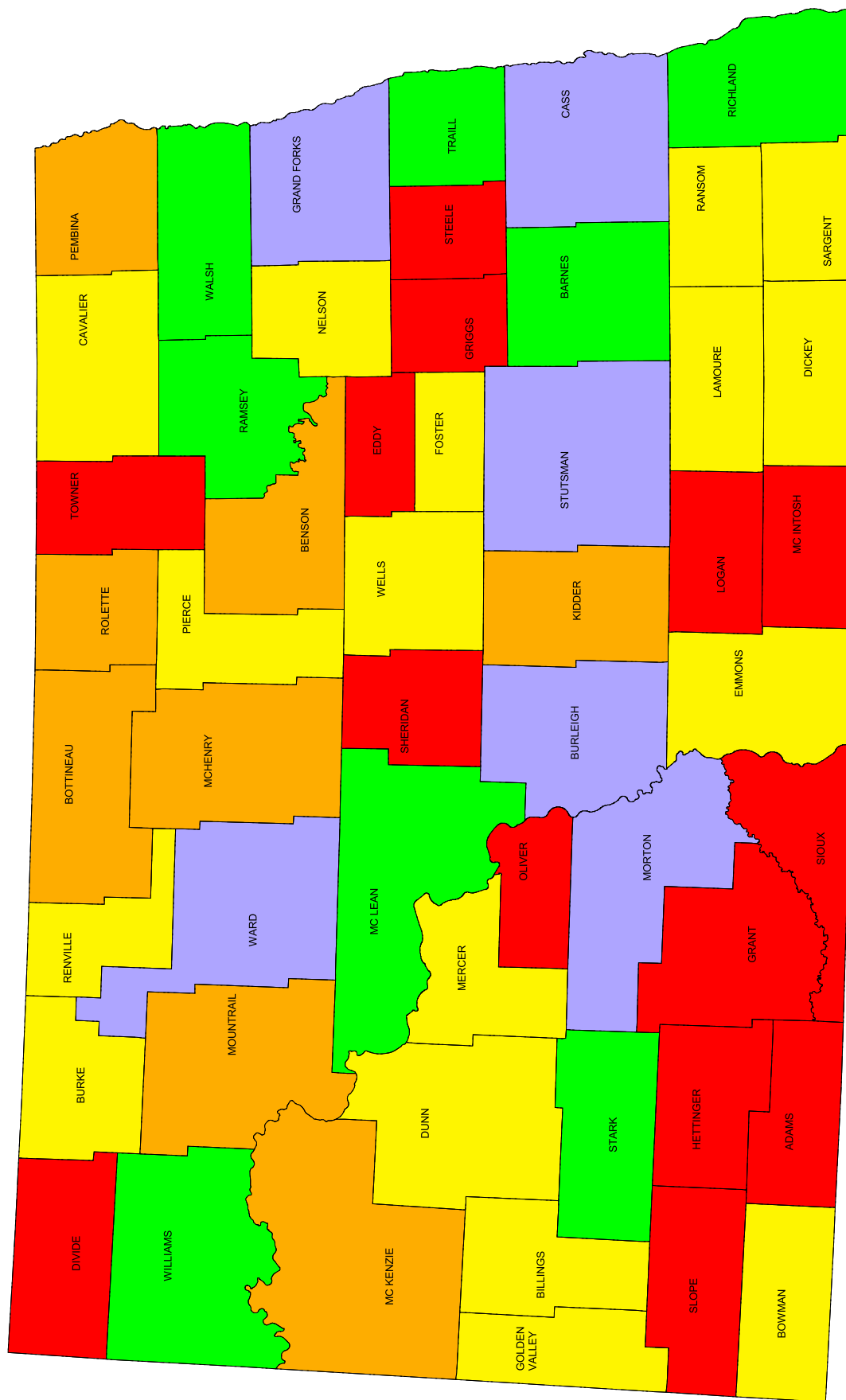


NOTES:

- Data from page 41 of this report.
- Vehicle miles of travel shown in thousands.
- The size of the circle corresponds to total VMT by county.

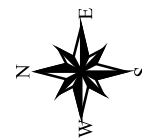
Planning & Programming Division
 Transportation Data
 December 2007

2007 TOTAL ANNUAL VEHICLE MILES OF TRAVEL



Vehicle Miles of Travel
 1 - 40000
 40001 - 80000
 80001 - 150000
 150001 - 300000
 300001 and greater

NOTES: - Data from page 42 of this report.
 - Vehicle miles of travel shown in thousands.



Planning & Programming Division
 Transportation Data
 December 2007

Daily Truck VMT for Statewide

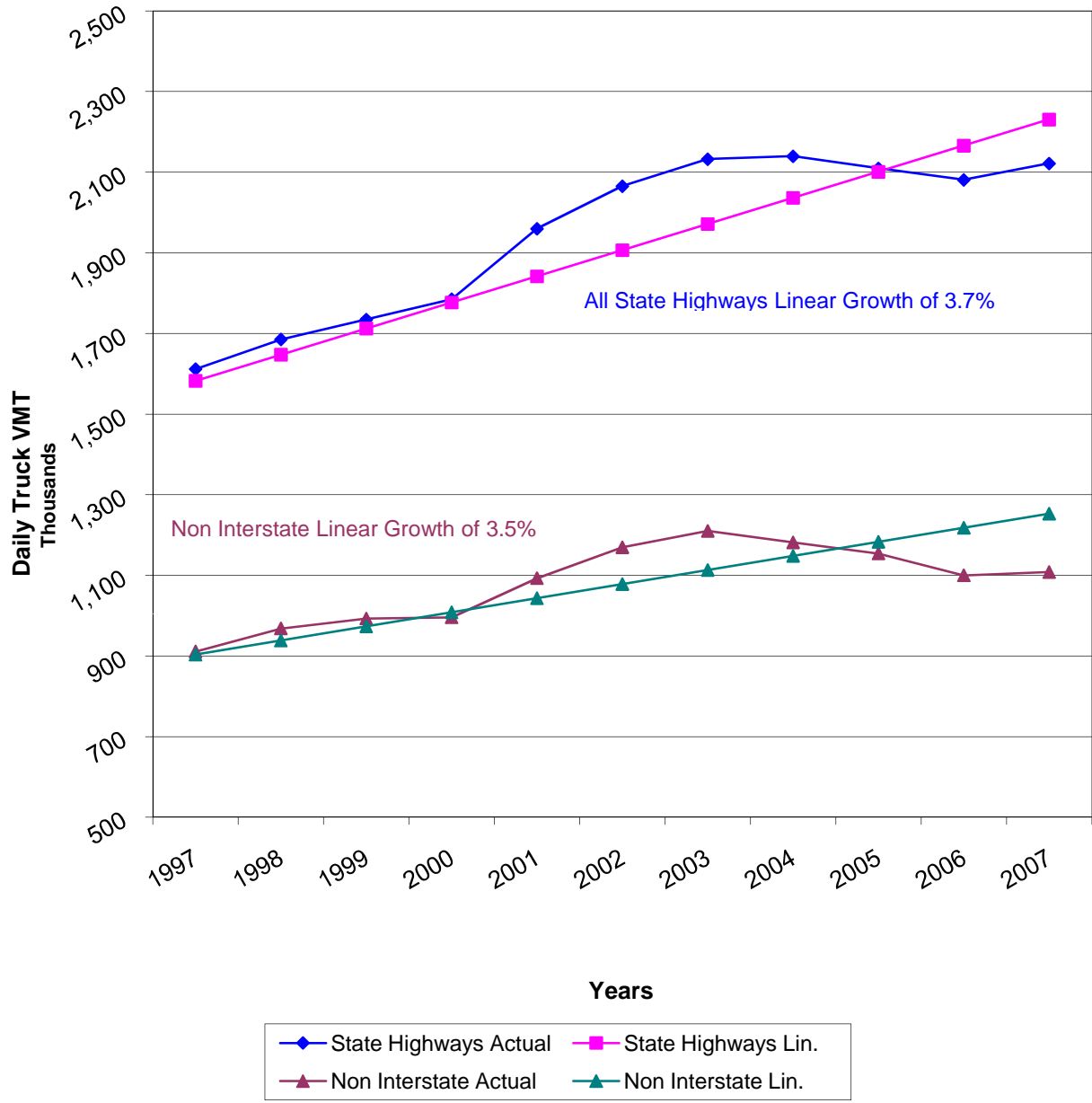
All State Highways

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1992	9,292,883	1,264,162	1,258,429	13.60%	9.60%
1993	9,542,021	1,288,223	1,323,264	13.50%	9.50%
1994	9,903,875	1,321,457	1,388,099	13.34%	9.34%
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%
2022			3,203,471		

Non Interstate Highways

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1992	6,012,726	727,071	728,783	12.09%	9.09%
1993	6,133,547	738,502	763,757	12.04%	9.04%
1994	6,424,179	762,489	798,731	11.87%	8.87%
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%
2022			1,777,991		

Daily Truck VMT for Statewide



Daily Truck VMT for Interstate

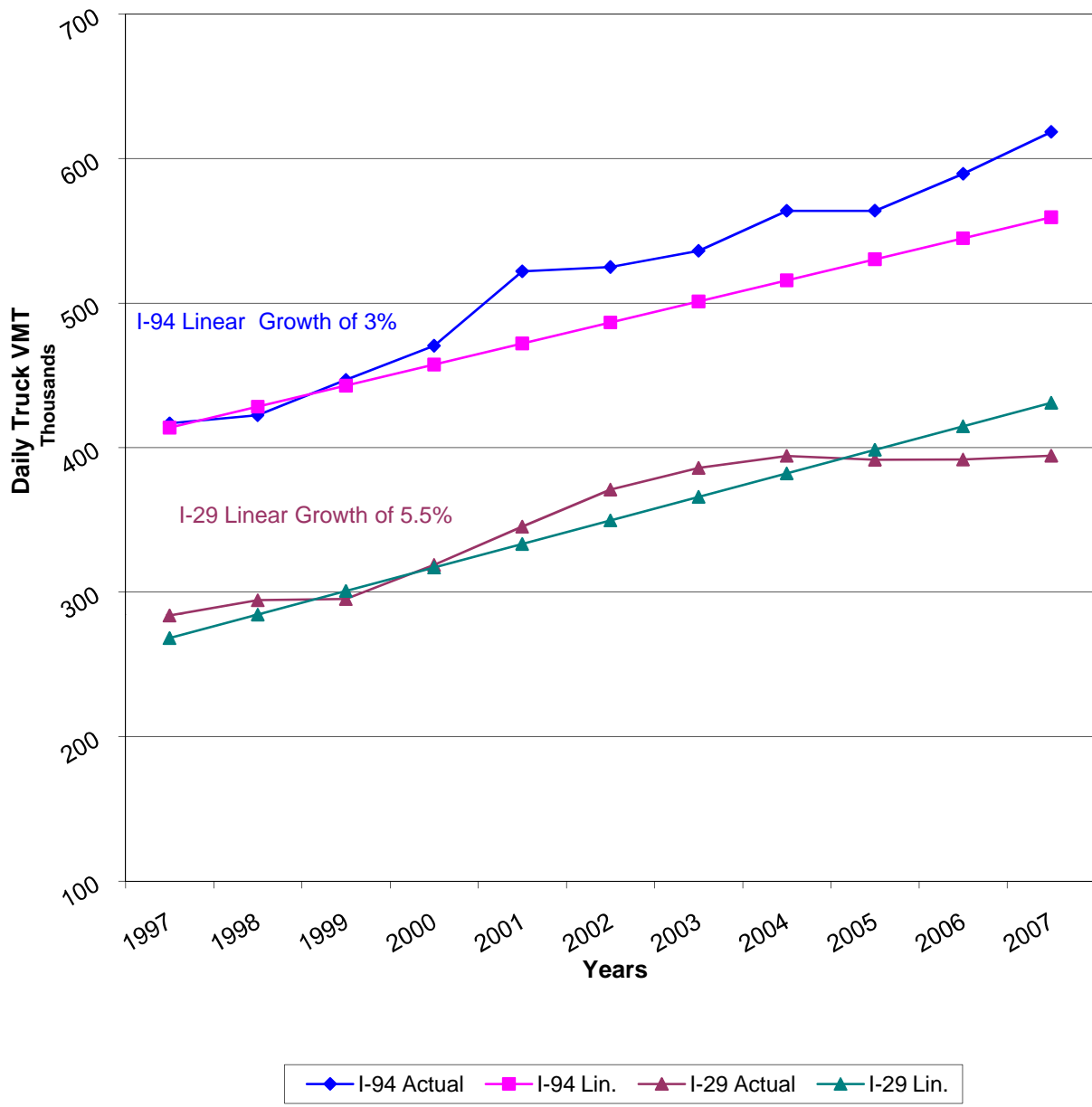
I - 94

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1992	1,989,261	340,786	341,031	17.13%	13.13%
1993	2,078,168	350,832	355,589	16.88%	12.88%
1994	2,139,975	358,732	370,148	16.76%	12.76%
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%
2022			777,784		

I - 29

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1992	1,271,494	195,465	186,777	15.37%	12.37%
1993	1,310,903	198,048	203,056	15.11%	12.11%
1994	1,318,732	199,360	219,335	15.12%	12.12%
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%
2022			675,148		

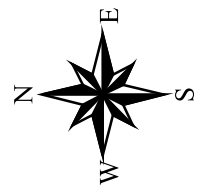
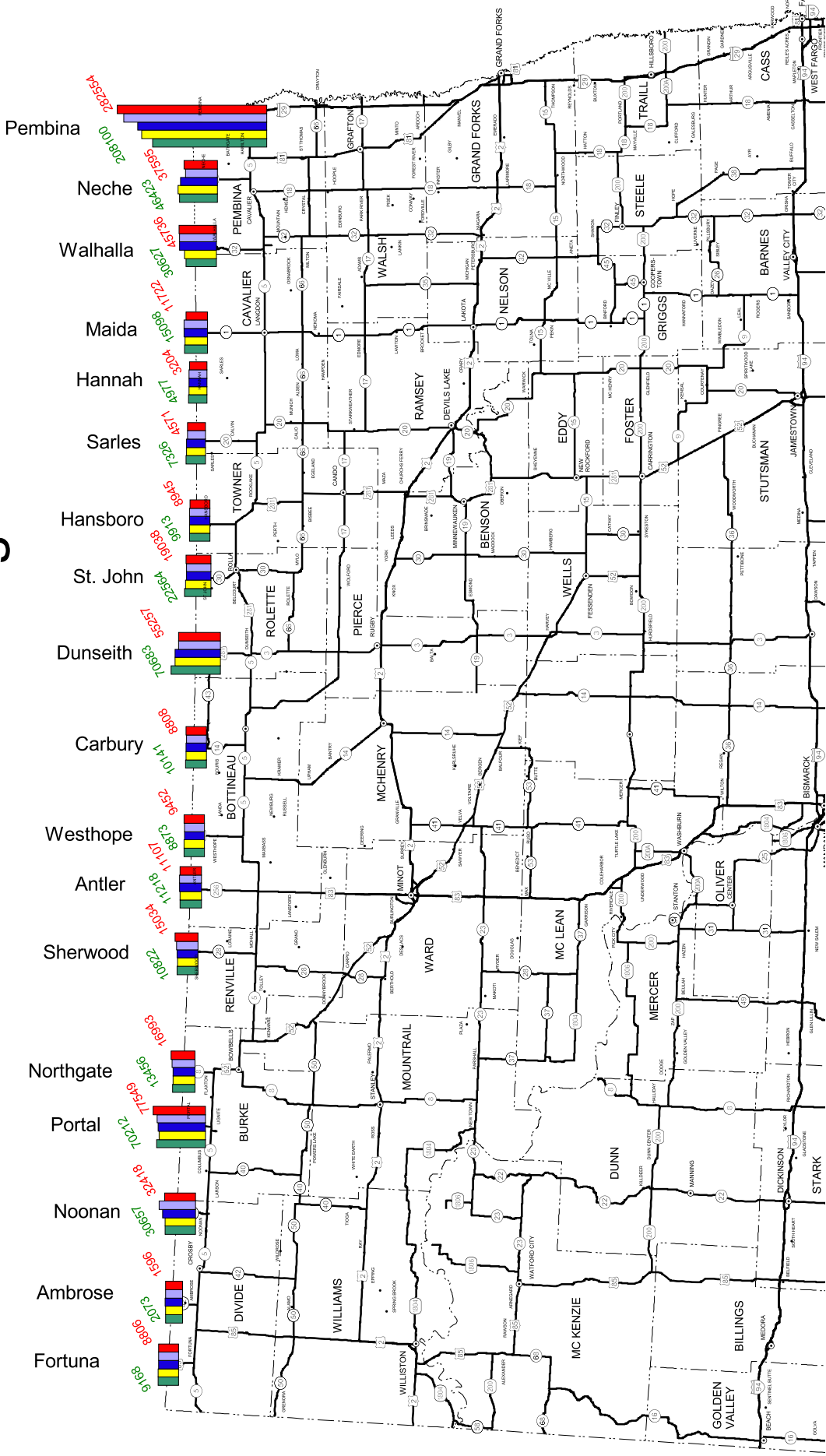
Daily Truck VMT for Interstate



BORDER CROSSINGS
(VEHICLES ENTERING THE UNITED STATES FROM CANADA)

PORT OF ENTRY	AUTOMOBILES			TRUCKS		
	FISCAL 2006	FISCAL 2007	% CHANGE	FISCAL 2006	FISCAL 2007	% CHANGE
FORTUNA	7,931	8,806	11.03%	3,158	3,459	9.53%
AMBROSE	2,192	1,596	-27.19%	399	356	-10.78%
NOONAN	43,353	32,418	-25.22%	2,701	4,314	59.72%
PORTAL	68,644	77,549	12.97%	62,842	70,356	11.96%
NORTHGATE	15,181	16,993	11.94%	6,293	5,218	-17.08%
SHERWOOD	12,713	15,034	18.26%	4,762	2,990	-37.21%
ANTLER	11,870	11,107	-6.43%	688	415	-39.68%
WESTHOPE	8,441	9,452	11.98%	3,949	3,718	-5.85%
CARBURY	8,687	8,808	1.39%	429	438	2.10%
DUNSEITH	55,436	55,257	-0.32%	19,479	23,657	21.45%
ST. JOHN	18,195	19,038	4.63%	2,079	2,519	21.16%
HANSBORO	9,587	8,945	-6.70%	1,340	1,106	-17.46%
SARLES	4,217	4,571	8.39%	1,716	1,475	-14.04%
HANNAH	3,834	3,204	-16.43%	136	73	-46.32%
MAIDA	15,836	11,722	-25.98%	1,864	1,670	-10.41%
WALHALLA	44,781	45,736	2.13%	13,098	13,792	5.30%
NECHE	33,507	37,595	12.20%	15,336	18,218	18.79%
PEMBINA	268,840	282,554	5.10%	200,184	223,480	11.64%
TOTAL	633,245	650,385	2.71%	340,453	377,254	10.81%

Total Auto Volume Entering from Canada

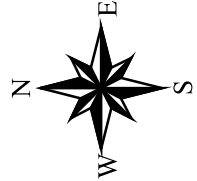
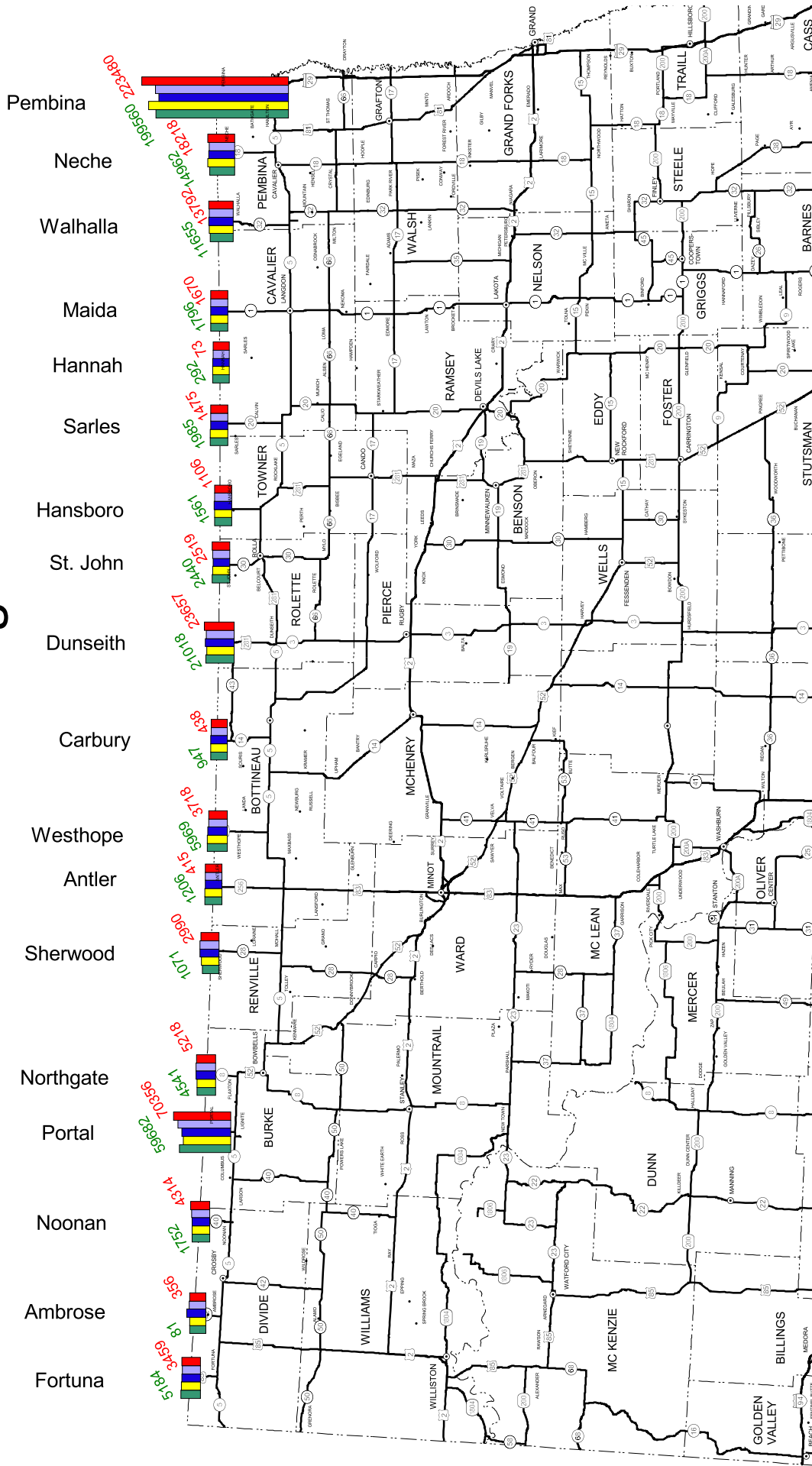


LEGEND

- Auto 2003
- Auto 2004
- Auto 2005
- Auto 2006
- Auto 2007

The size of the graph corresponds to total autos by border crossing.

Total Truck Volume Entering from Canada



LEGEND

- 2003 Trucks
- 2004 Trucks
- 2005 Trucks
- 2006 Trucks
- 2007 Trucks

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