

NORTH DAKOTA 2006 TRAFFIC REPORT



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

February 2007

NORTH DAKOTA 2006 TRAFFIC REPORT

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

DIRECTOR
Francis G. Ziegler, P. E.

PLANNING AND PROGRAMMING DIVISION
Roger Weigel, P. E.
Assistant Division Director

February 2007

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OVERVIEW

This report contains summaries of data obtained from studies conducted in 2006 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 southwestern one-third of the state.

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) 328-4426. Maps with all of our traffic counts can be accessed on the DOT website by entering the following URL address:

www.dot.nd.gov/road-map/traffic/index.html

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

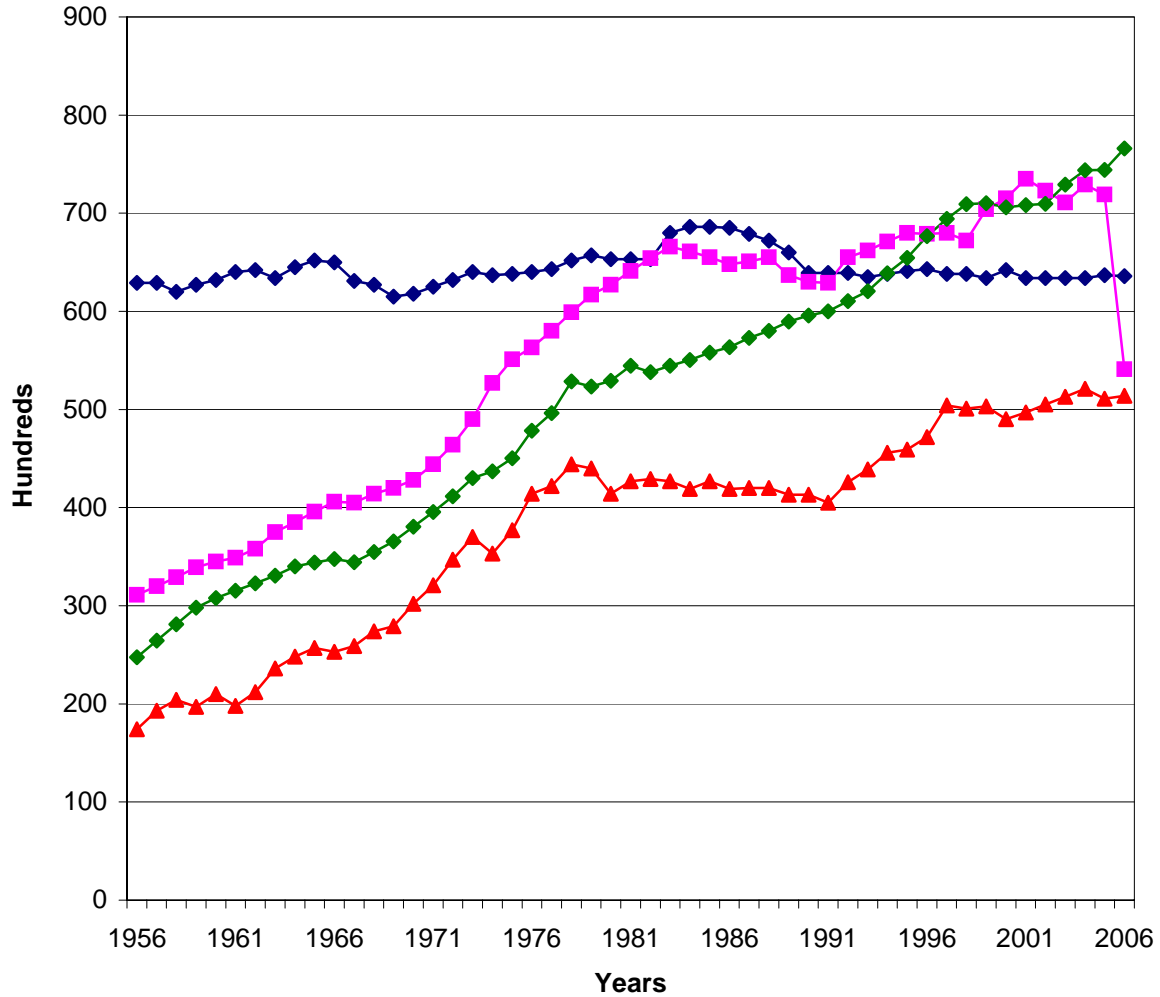
HISTORY OF TRAFFIC AND RELATED DATA

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	541	1.18	514	85.06	14,166	12,050	7,664

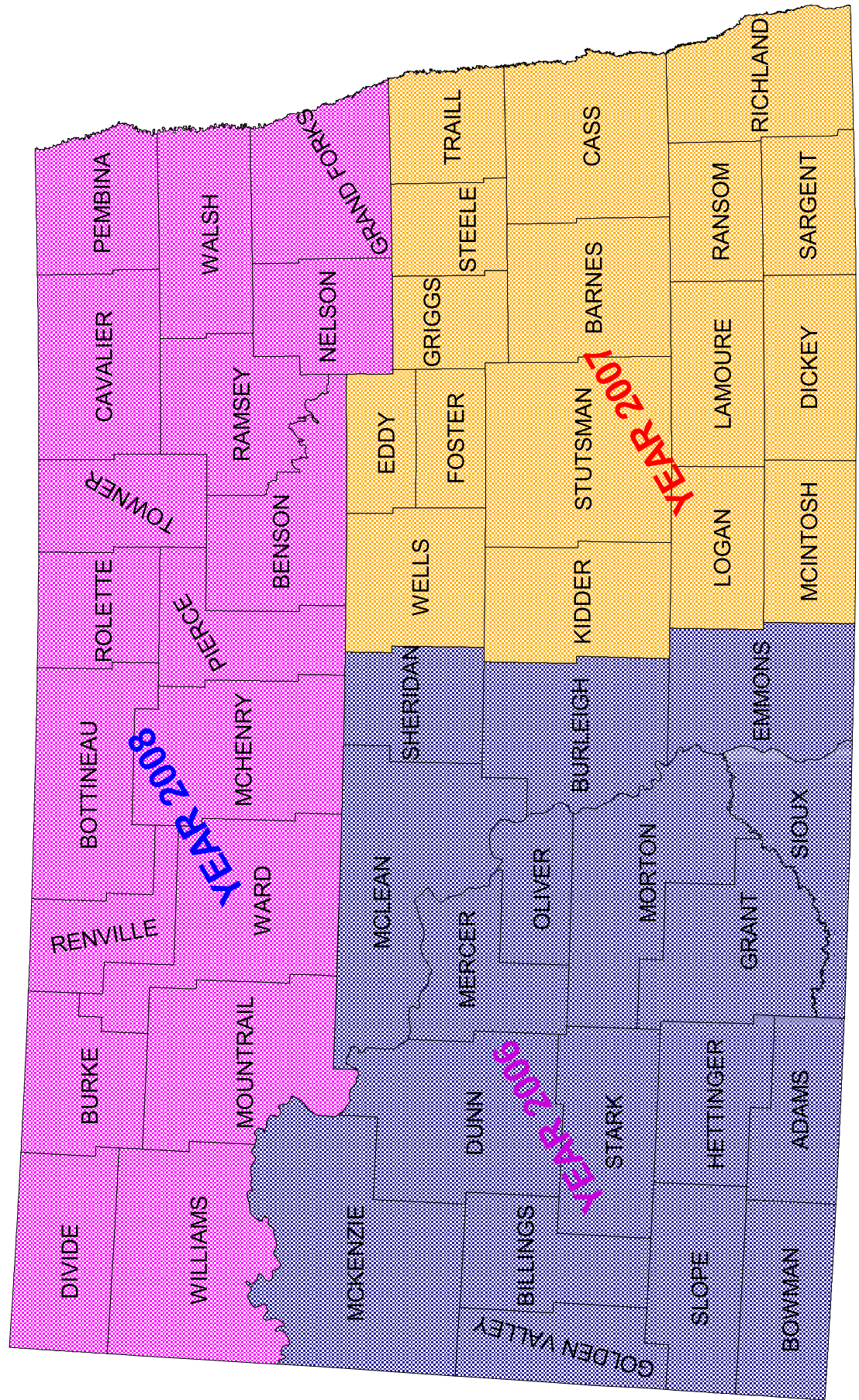
FUEL TAXED INCLUDES GALLONS OF GAS FOR OTHER THAN MOTOR VEHICLES

Traffic and Related Trends

For the Years 1956 - 2006



**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	2005	2007
West Fargo	2005	2007
Jamestown	2004	2007
Valley City	2003	2007
Wahpeton	2004	2007
Bismarck	2006	2009
Mandan	2006	2009
Dickinson	2001	2009

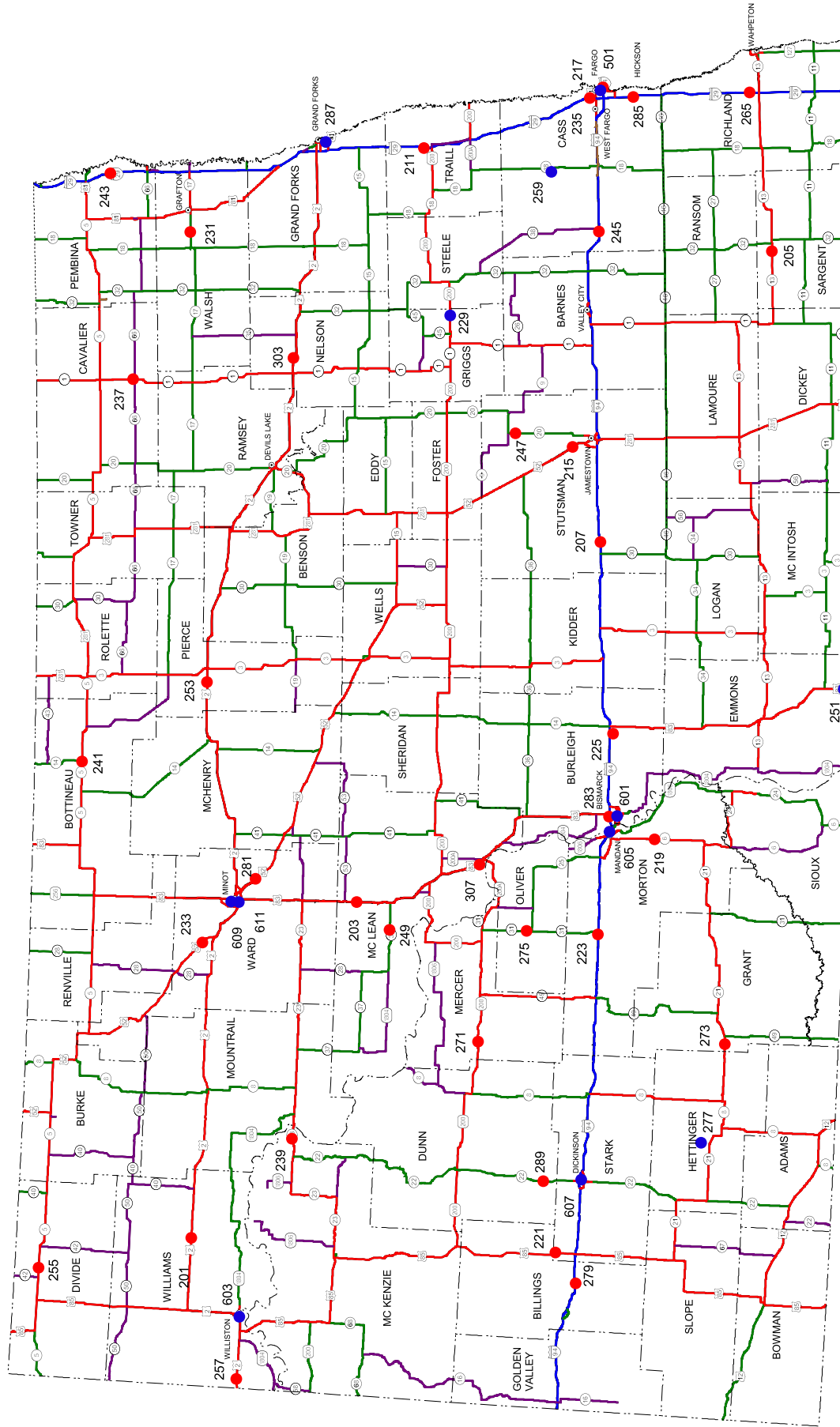
**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
ATR LOCATIONS**

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						
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						
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
296	MINTO	29	164.000	0.8000	Weight	0.5 MILES SOUTH OF MINTO SEP.
RURAL PRINCIPAL ARTERIAL						
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
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
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

**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
ATR LOCATIONS**

STATION	NAME	HIGHWAY	REF POINT	OFF SET	TYPE	LOCATION
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



Types of ATR's
 Class
 Volume

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

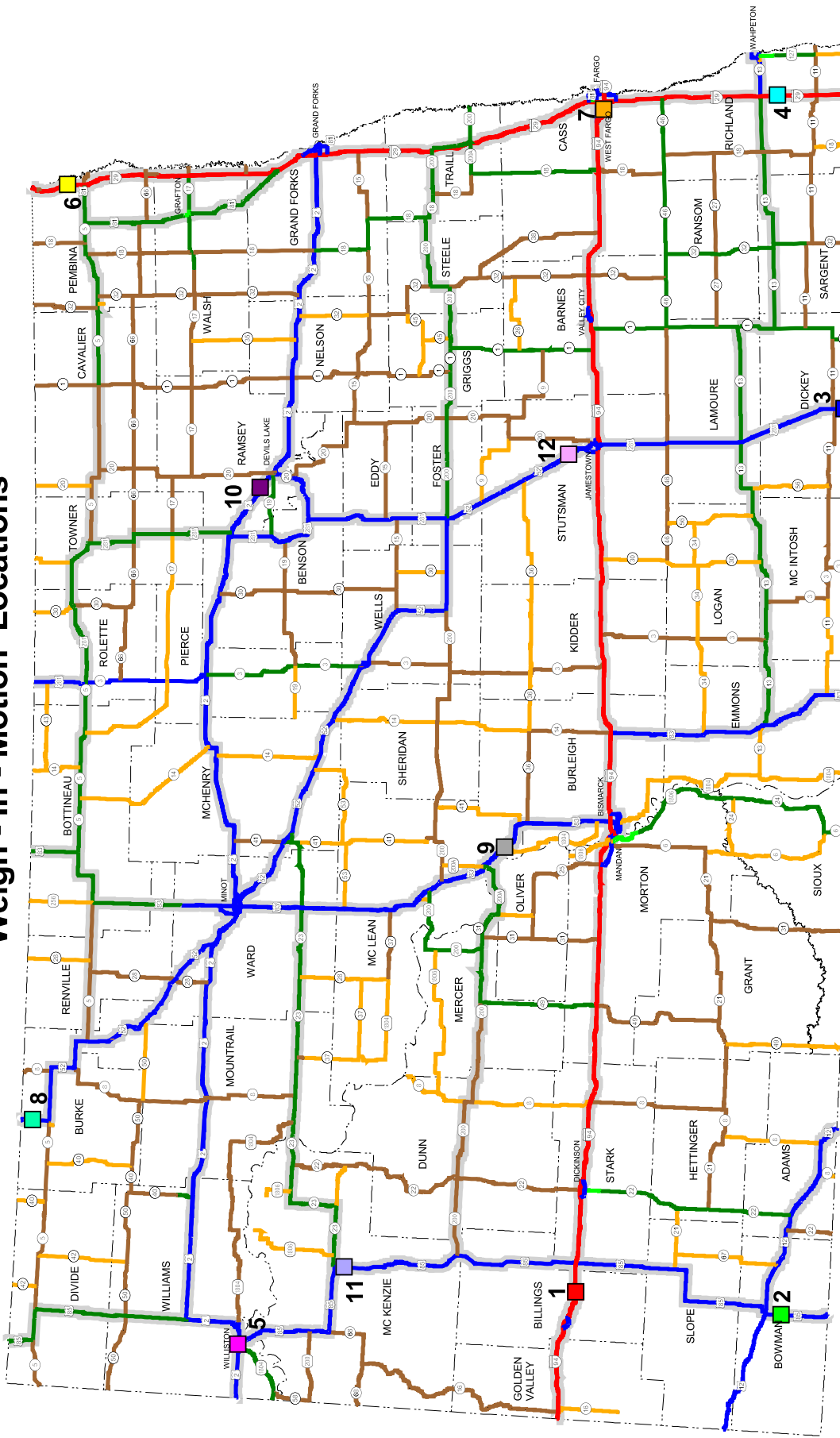
Number of ATR's Stations
 9 Rural Interstate
 20 Rural Principal Arterial
 5 Rural Minor Arterial
 3 Rural Major Collector
 3 Urban Interstate
 5 Urban Principal Arterial
 2 Urban Minor Arterial
 1 Urban Collector

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



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 Transportation Data
 December 2006

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)

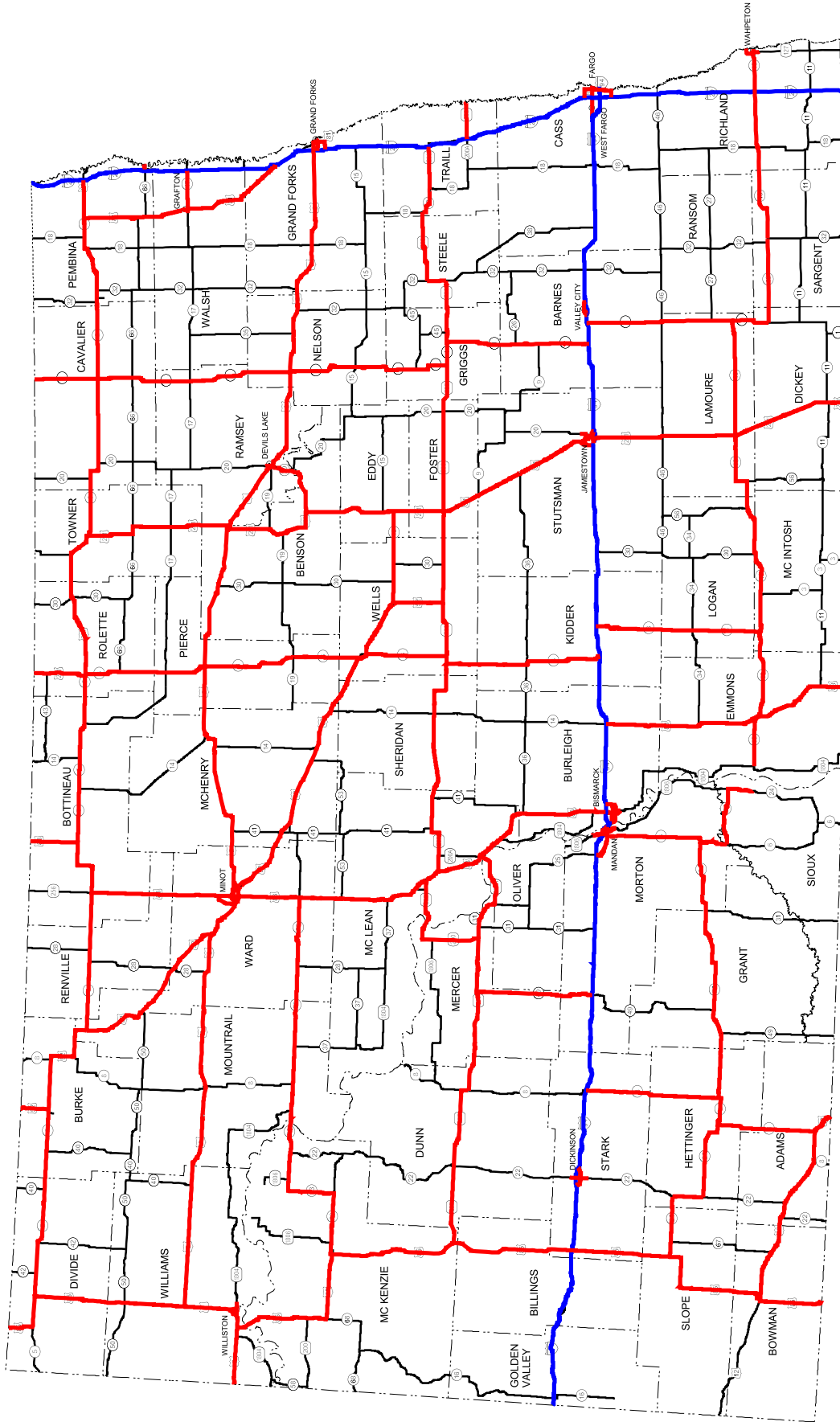
- Rural District Collector
- Rural District Corridor
- Rural Interstate
- Rural Interregional Corridor
- Rural State Corridor
- Urban District Collector
- Urban District Corridor
- Urban Interstate
- Urban Interregional Corridor



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 Transportation Data
 December 2006

Pathway: F:\PLANNING\ArcView\robshj\Annual\wim_prmtshop.apr

National Highway System Mileage



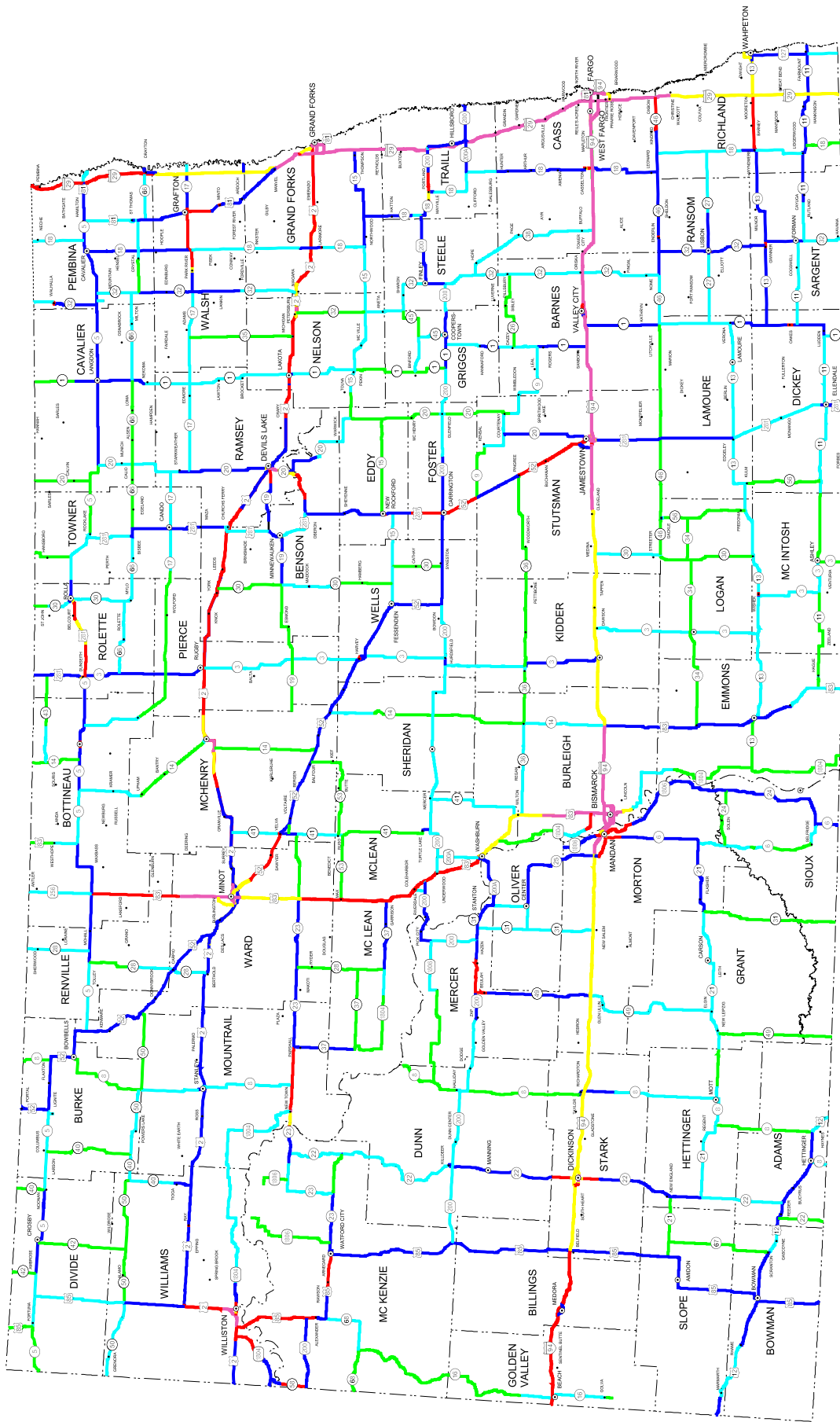
NHS Mileage	
Interstate Rural	519.7
Interstate Urban	51.2
Total	570.9
Principal Art. Urb.	2085.8
Principal Art. Urb.	68.8
Total	2154.6
Total NHS	2725.5

NOTES Data from Functional Class on Mainframe



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Transportation Data
December 2006

Average Annual Daily Traffic



Average Annual Daily Traffic

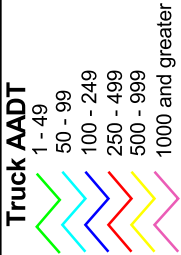
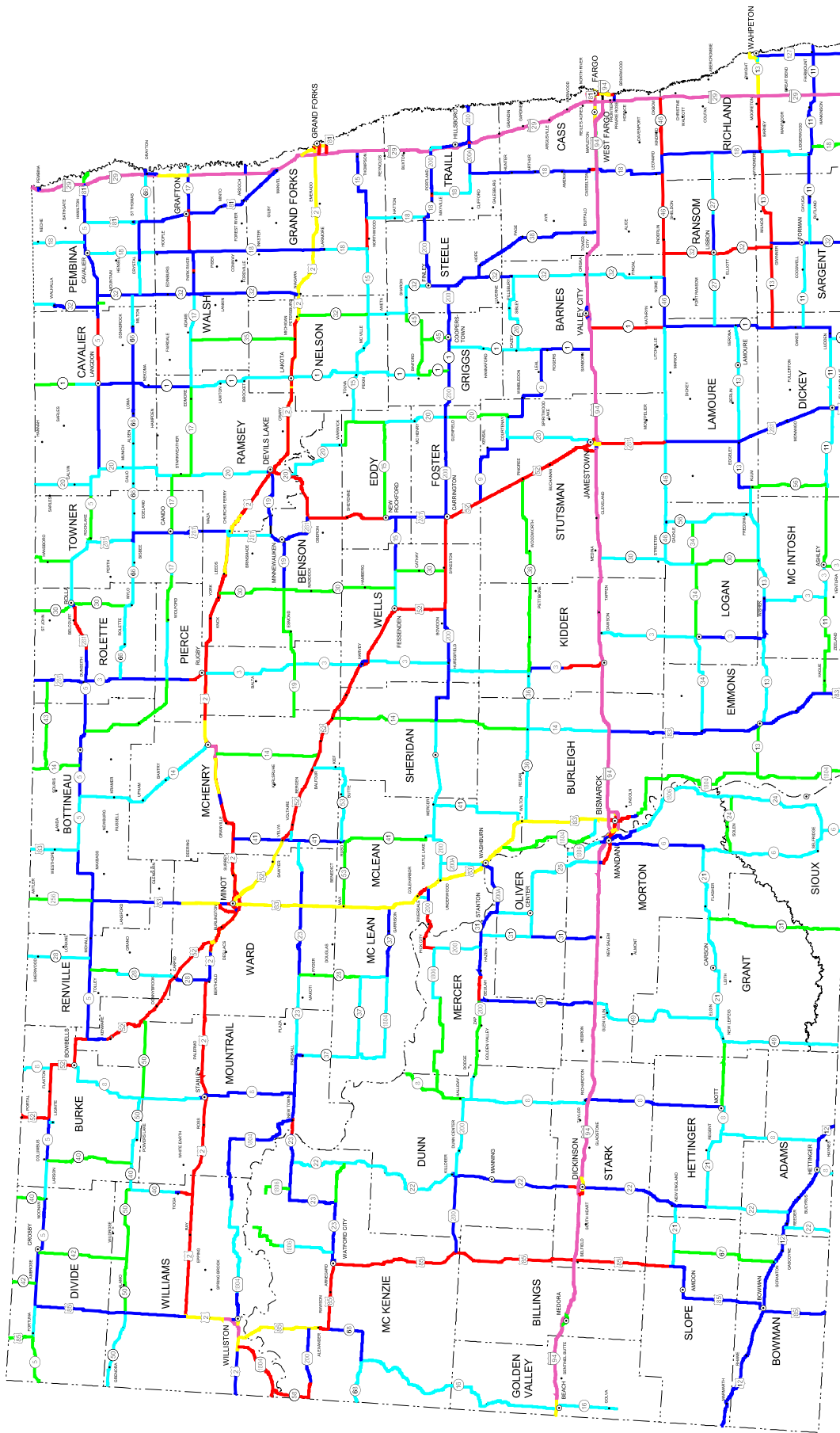


- Notes
- Data from 2006 highway components segments
 - The AADT for longer segments are an average of the traffic segments.
 - Data for the four lane roadways are total AADT.



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 Transportation Data
 December 2006

2006 Truck AADT

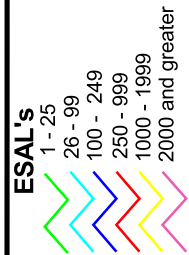
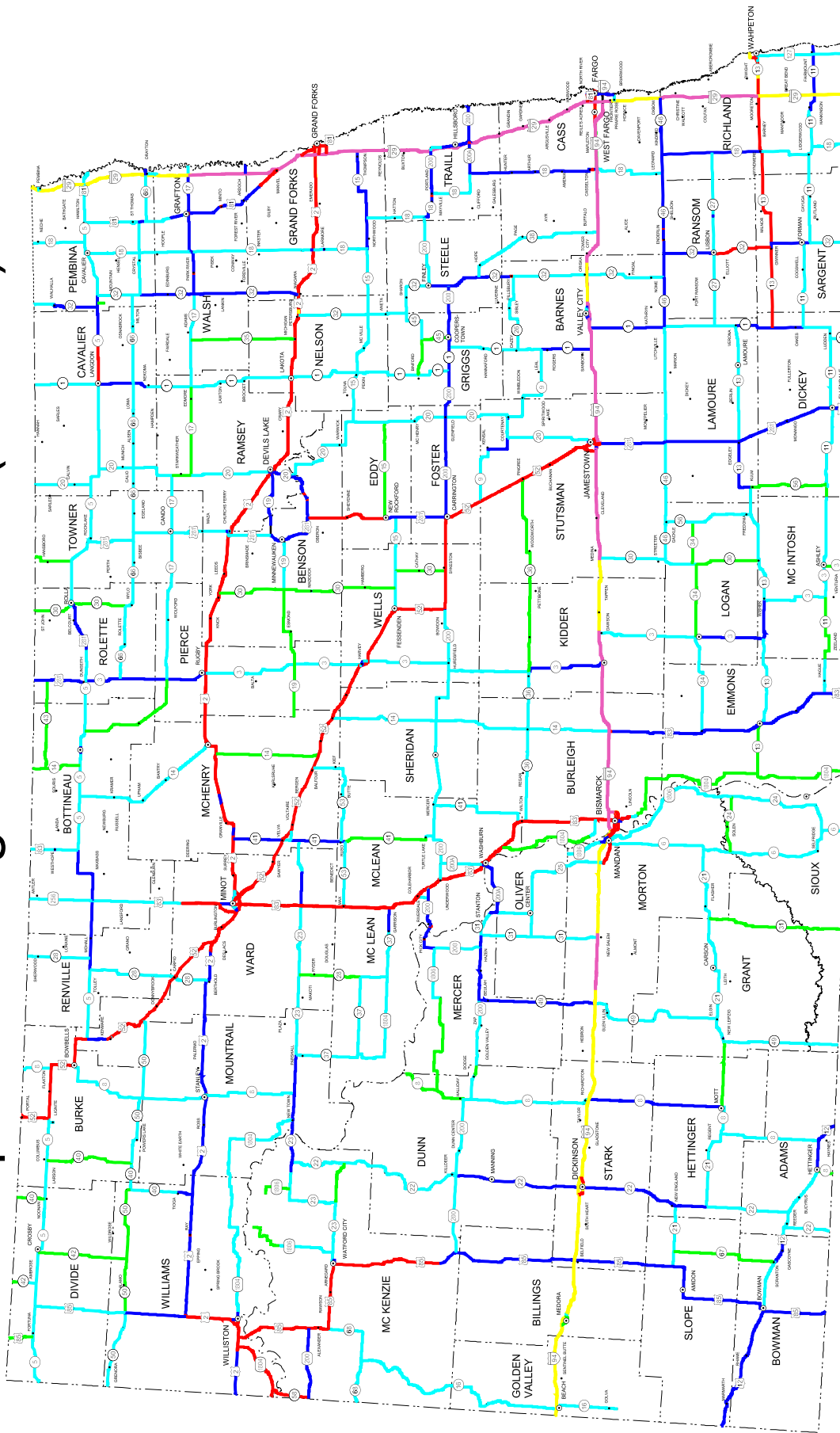


NOTES: - Data from 2006 highway components segments.
 - The counts for longer sections are an average of the traffic segments.
 - Data for the four lane roadways are total Truck AADT.



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 Transportation Data
 December 2006

Equivalent Single Axle Loads (ESAL's)

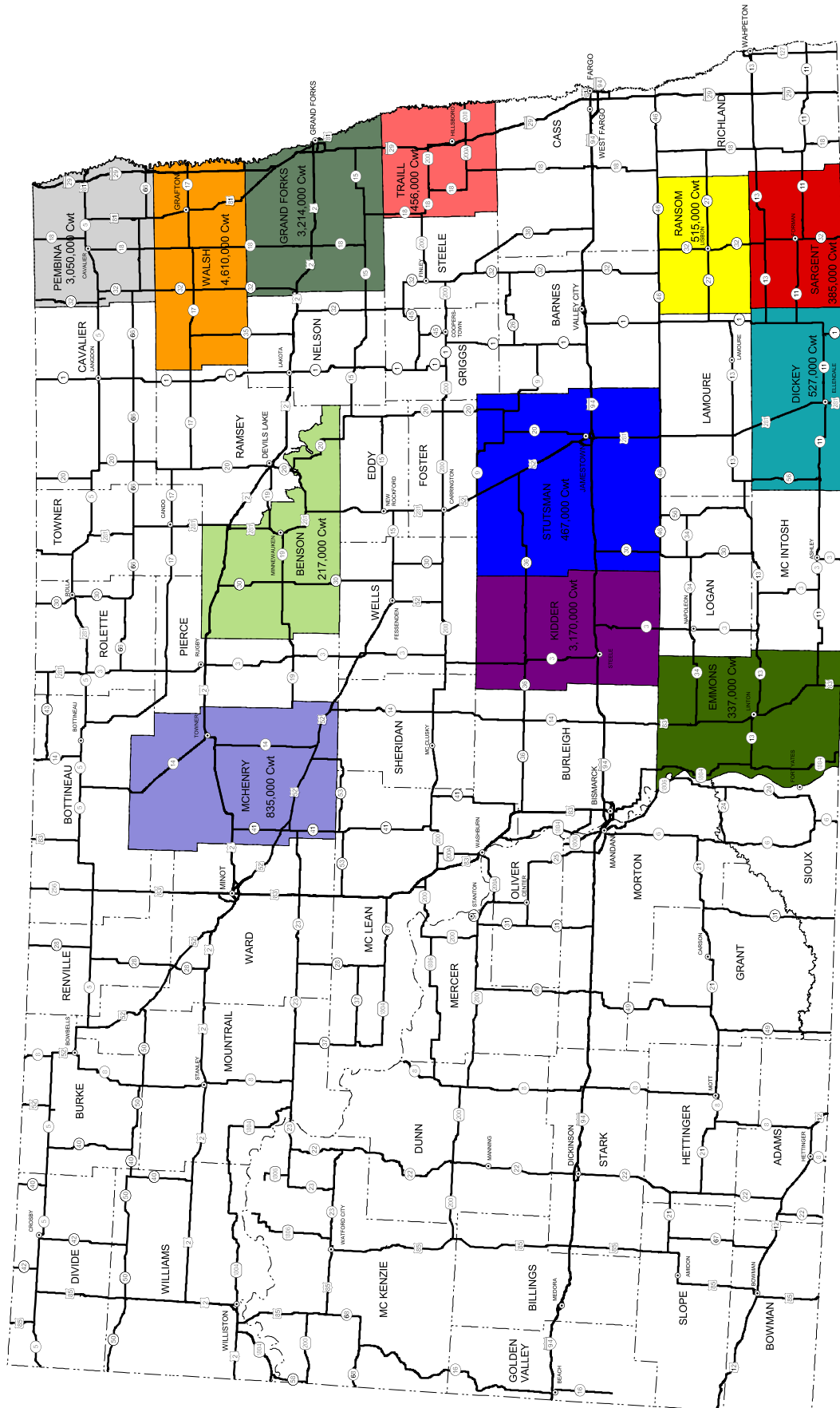


NOTE: - Data from 2006 highway components segments.
 - The ESAL's for longer sections are an average of the traffic segments.
 - Rigid ESAL's for I-29 and I-94.
 - Flexible ESAL's for all other roads.



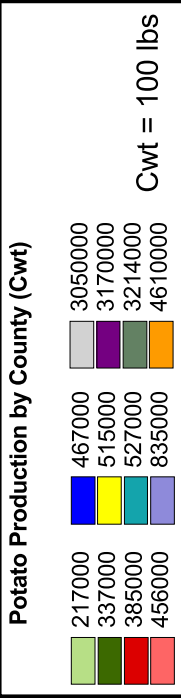
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 Transportation Data
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Potato Production

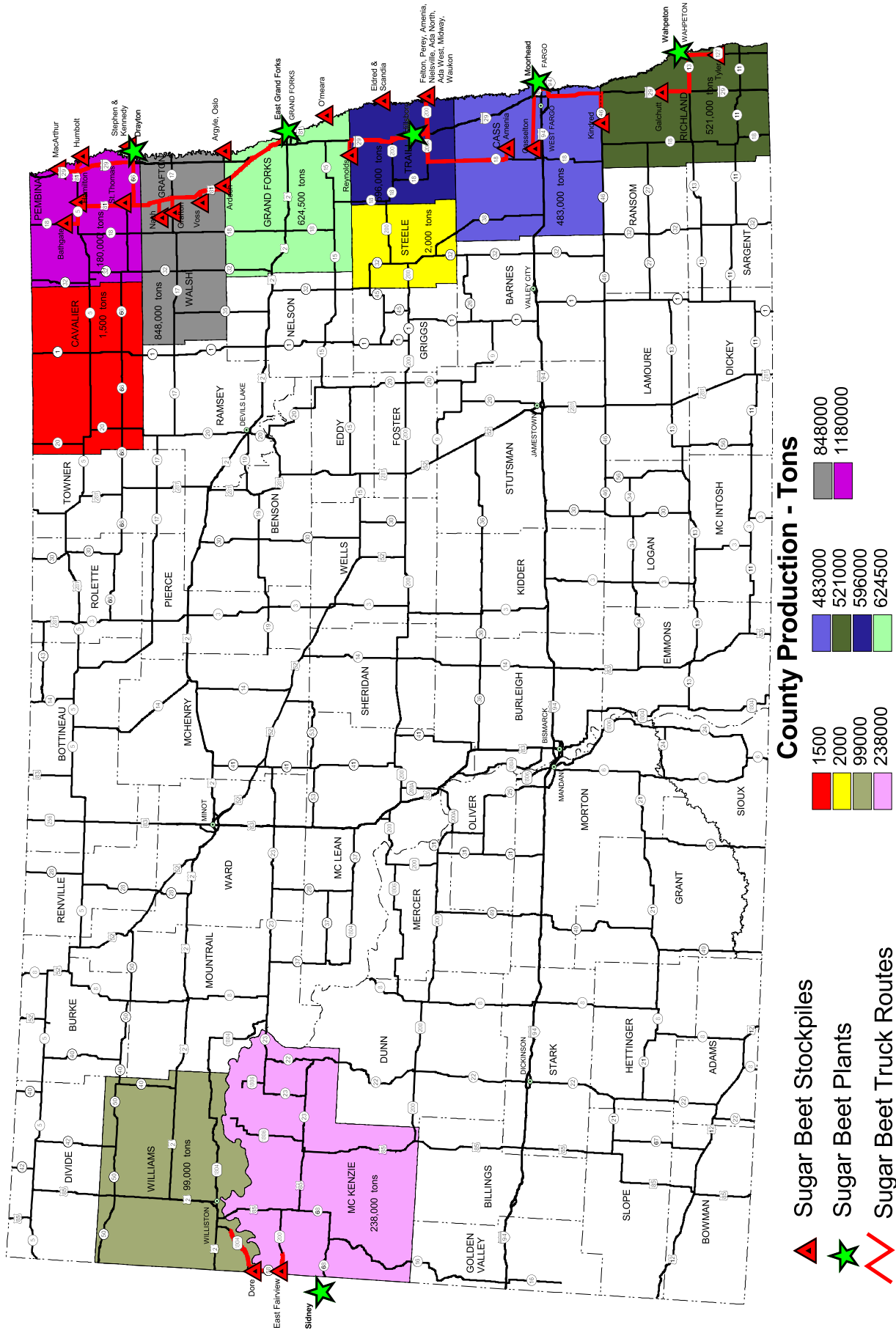


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 December 2006

Notes: Data from North Dakota Agricultural Statistics Service
 Potato County Estimates, North Dakota 2005.
 2006 estimates are not available.



Sugar Beet Production and Truck Routes



NOTE: Data from ND Agricultural Statistics Service - Sugarbeets 2005 County Production
 Total production for the state of ND is 4,593,000 T.
 2006 estimates are not available

Planning & Programming Division
 Transportation Data
 December 2006

PERMANENT STATION COMPARISON OF AADT BY YEAR

STATION NUMBER	LOCATION	1986	1988	1990	1992	1994	1996	1998	2000	2002	2003	2004	2005	2006	% CHANGE 2006/2005	% CHANGE 2006/1996	% CHANGE 2006/1986
URBAN INTERSTATE 94																	
217	FARGO (U)						45383	49527	49794	54811	56851	61931	61012	61479	0.8%	35.5%	--
283	BISMARCK (U)			12660	13882	14395		16606	17655	17396	17589	18782	20144	21507	6.8%	--	--
	MEAN			12660	13882	14395	45383	33067	33725	36104	37220	40357	40578	41493	3.8%	35.5%	--
RURAL INTERSTATE 94																	
207	MEDINA		4238	4563	4912	5140	5651	6390	6528	6900	7209	6809	6778	6706	1.1%	18.7%	--
223	NEW SALEM	3798	4253	4499	4926	5121	5220			5967	5950	6087	6034	6116	1.4%	17.2%	61.0%
245	TOWER CITY	5252	5700	6257	6744	6925	7519	8066	8370	8291	8973	9266	9145	9173	0.3%	22.0%	74.7%
279	PAINTED CANYON		2655	2870	2968	3134	3155	3369	3527	3726	3687	3595	3608	3668	1.7%	16.3%	--
298	DURBIN							2472							--	--	--
	MEAN	4525	4212	4547	4888	5080	5386	5074	6142	6221	6455	6439	6391	6416	0.6%	18.5%	67.8%
URBAN INTERSTATE 29																	
235	FARGO (U)						23119	25860		22070	24536	24808	25771	25789	0.1%	11.5%	--
	MEAN						23119	25860		22070	24536	24808	25771	25789	0.1%	11.5%	--
RURAL INTERSTATE 29																	
211	BUXTON	6319	7414	8081	9023	9210	9953	9017	9144	9861	10198	10525	10426	10532	1.0%	5.8%	66.7%
243	BOWESMONT	1377	1771	2222	2636	2487	2506	2871	2859	2805	2896	2980	3074	3146	2.3%	25.5%	128.5%
265	MOORETON	2314	2930	3222	3537	3932	4501	5043	5130	5293	5636	5913	5962	5940	0.4%	32.0%	156.7%
285	DAVENPORT									8919	9669	10097	10254	10151	1.0%	--	--
301	HICKSON						7348								--	--	--
	MEAN	3337	4038	4508	5065	5210	6077	5644	5711	6720	7100	7379	7429	7442	0.5%	21.1%	117.3%
RURAL PRINCIPAL ARTERIAL																	
201	RAY	1427	1433	1453	1524	1586	1533	1570	1618	1678	1655	1660	1747	1873	7.2%	22.2%	31.3%
203	MAX	2223	2451	2642	2808	2813	3107	3130	3366	3532	3562	3600	3529	3612	2.4%	16.3%	62.5%
205	GWINNER	868	866	920	935	960	994	1026	1146	1118	1123	1266	1266	1255	0.9%	26.3%	44.6%
209	MINOT	9936	10269	9611	9558	9841	9932	9203							--	--	--
213	LAKOTA	2217	2452	2551	2753	2850	3160	3211							--	--	--
215	JAMESTOWN	2399	2379	2347	2373	2448	2735		2740	2738	2778	2660	2701	2716	0.6%	0.7%	13.2%
219	MANDAN	1205	1202	1208	1254	1275	1247	1449	1493	1536	1498	1537	1490	1518	1.9%	21.7%	26.0%
221	FAIRFIELD	1622	1446	1584	1458	1337	1406	1355	1370	1407	1418	1436	1468	1649	12.3%	17.3%	1.7%
227	VERONA	674	642	695	737	725	767								--	--	--
229	COOPERSTOWN	739	722	677	839	855	822	959		893	902	895	845	827	2.1%	0.6%	11.9%
233	FOXHOLM	1509	1688	1819	2011	1993	1952	1926	1831	1894	1914	1869	1888	1899	0.6%	2.7%	25.8%
237	NEKOMA	683	662	642	657	684	668	694		759	779	753	713	686	3.8%	2.7%	0.4%
239	NEW TOWN	1062	1092	1038	1071	1406	1373	1382	1519	1605	1629	1681	1617	1599	1.1%	16.5%	50.6%
241	BOTTINEAU	1086	1053	967	1024	1044	997	931	996	949	999	1018	977	946	3.2%	5.1%	12.9%
251	HAGUE	531	532	538	626	634	630	640	710	770	733	740	704	589	16.3%	6.5%	10.9%
253	RUGBY							2765		2747	2600	2641	2555	2475	3.1%	--	--
255	CROSBY	552		506	532	575	544	583	492	532	558	554	540	574	6.3%	5.5%	4.0%
257	WILLISTON	931	915	927	1052	1067	1156	1236		1207	1192	1186	1203	1229	2.2%	6.3%	32.0%
271	GOLDEN VALLEY	746	639	638	642	647	717	697		665	659	676	689	702	1.9%	2.1%	5.9%
273	NEW LEIPZIG	438	385	379	380	347	359	353	389	386	366	368	352	339	3.7%	5.6%	22.6%
281	SAWYER								3645	3724	3754	3878	3890	3902	0.3%	--	--
303	MICHIGAN							3350	3616	3512	3521	3508	3436	3361	2.2%	--	--
305	EMERADO						5599								--	--	--
307	WASHBURN							3615	3579	3879	3911	3984	4016	4233	5.4%	--	--
	MEAN	1624	1713	1639	1697	1741	1985	2004	1901	1777	1778	1796	1781	1799	0.2%	7.0%	17.1%
RURAL MINOR ARTERIAL & RURAL MAJOR COLLECTOR - STATE																	
231	GRAFTON	2488	2339	2301	2386	2347	2328	2372	2627	2678	2653	2817	2669	2521	5.5%	8.3%	1.3%
247	COURTENAY	455	434	433	465	518	467		486	518	475	490	469	460	1.9%	1.5%	1.1%
249	GARRISON	996	1032	933	956	1021		1141	1166	1207	1208	1178	1167	1164	0.3%	--	16.9%
275	HANNOVER	432	473	461	466	467	488	523	559	542	503	500	501	479	4.4%	1.8%	10.9%
289	MANNING									1591	1632	1610	1603	1718	7.2%	--	--
	MEAN	1093	1070	1032	1068	1088	1094	1345	1210	1307	1294	1319	1282	1268	1.0%	1.6%	7.5%

PERMANENT STATION COMPARISON OF AADT BY YEAR

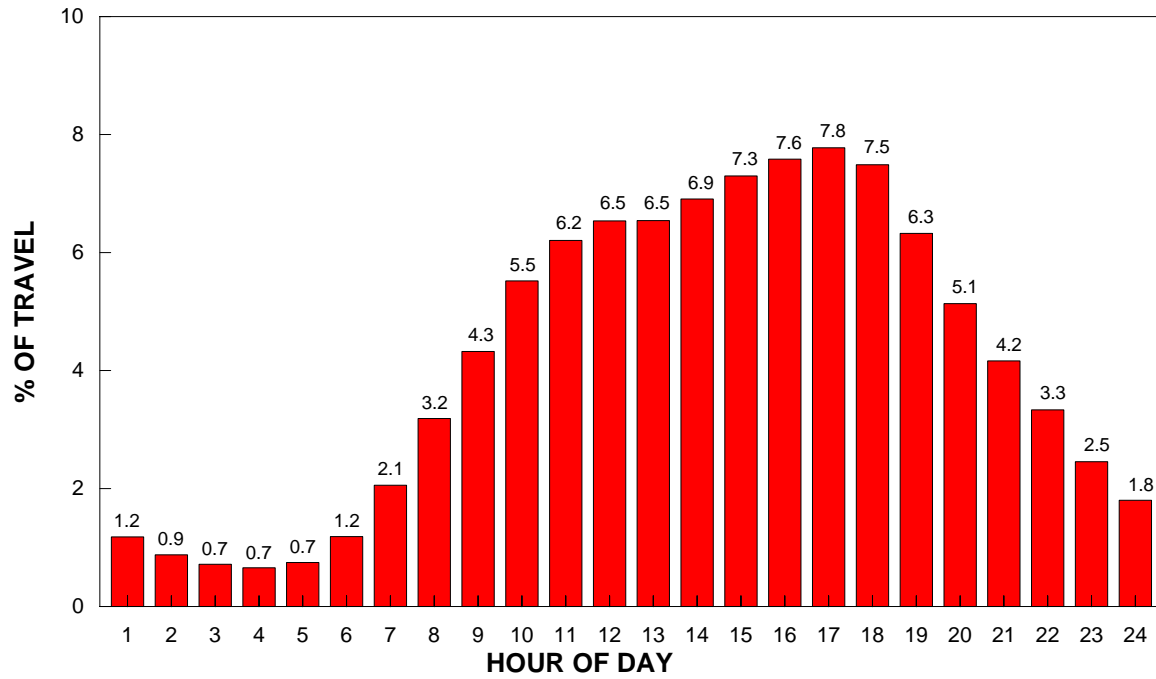
STATION NUMBER	LOCATION	1986	1988	1990	1992	1994	1996	1998	2000	2002	2003	2004	2005	2006	% CHANGE 2006/2005	% CHANGE 2006/1996	% CHANGE 2006/1986
RURAL MAJOR COLLECTOR - COUNTY																	
225	STERLING	704	578	530	547	531	558	555		557	519	491	483	525	8.7%	5.9%	25.4%
259	AYR	299	260	297		366	288	276	347	455	372	384	360	340	5.6%	18.1%	13.7%
263	METIGOSHE	804	826	735	744	783	726	413							--	--	--
277	REGENT	198	186	169	262	284	268	303	298	314	294	295	297	287	3.4%	7.1%	44.9%
	MEAN	501	463	433	518	491	460	387	323	442	395	390	380	384	0.1%	6.4%	11.1%
URBAN PRINCIPAL ARTERIAL																	
287	GRAND FORKS									18519	19270	19655	19247	19107	0.7%	--	--
501	FARGO (U)						27969	24150	26592	25891	26852	26264	24248		7.7%	--	--
601	BISMARCK (U)						12919	12408	11747	11855	11961	11828	11465		3.1%	--	--
603	WILLISTON (U)						4058	4173	4118	4159	4227	4316	4528		4.9%	--	--
605	MANDAN (U)						19701		20200	20151	20158	20240	20213		0.1%	--	--
	MEAN						16162	13577	16235	16265	16571	16379	15912		1.3%	--	--
URBAN MINOR ARTERIAL																	
607	DICKINSON (U)						3127	3072	2979	3033	3103	3089	3053		1.2%	--	--
611	MINOT (U)						2804	3239	2624	2638	2690	2626	2541		3.2%	--	--
	MEAN						2966	3156	2802	2836	2897	2858	2797		2.2%	--	--
URBAN COLLECTOR & LOCAL URBAN																	
609	MINOT (U)						1858	1896	2075	2342	2346	2328	2222		4.6%	--	--
	MEAN						1858	1896	2075	2342	2346	2328	2222		4.6%	--	--

PERMANENT STATION COMPARISON OF TRUCK AADT BY YEAR

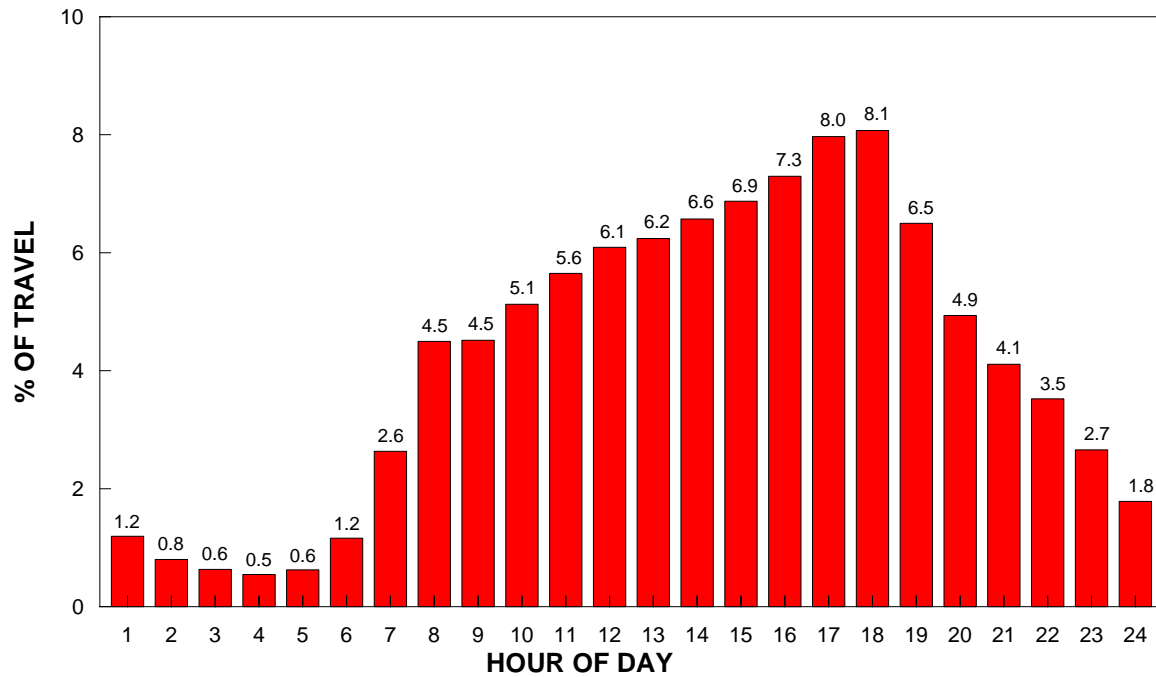
STATION NUMBER	LOCATION	1986	1988	1990	1992	1994	1996	1998	2000	2002	2003	2004	2005	2006	% CHANGE 2006/2005	% CHANGE 2006/1996	% CHANGE 2006/1986
INTERSTATE RURAL																	
207	MEDINA							1379	1599	1566	1576	1616	1645	1699	3.3%	--	--
211	BUXTON							1635	2114	2194	2372	2493	2516	2554	1.5%	--	--
223	NEW SALEM									1213	1161	1243	1289	1364	5.8%	--	--
243	BOWESMONT							963	1110	1160	1176	1164	1155	1186	2.7%	--	--
245	TOWER CITY										1796	1921	1972	2001	1.5%	--	--
265	MOORETON							838	933	811	854	920	975	1006	3.2%	--	--
279	PAINTED CANYON							700	459	1043	1039	1018	1036	1177	13.6%	--	--
285	DAVENPORT									1119	1135	1182	1250	1248	0.2%	--	--
298	DURBIN							1766							--	--	--
	MEAN							1214	1243	1301	1389	1445	1480	1529	3.9%	--	--
PRINCIPAL ARTERIAL- RURAL																	
201	RAY							238	290	259	255	258	310	378	21.9%	--	--
203	MAX							437	583	536	558	535	510	541	6.1%	--	--
205	GWINNER								104	167	154	154	147	145	1.4%	--	--
215	JAMESTOWN								467	445	472	509	557	584	4.8%	--	--
219	MANDAN							139	198	152	148	146	140	154	10.0%	--	--
221	FAIRFIELD								339	274	270	257	293	399	36.2%	--	--
233	FOXHOLM							424	431	404	437	416	439	454	3.4%	--	--
237	NEKOMA									107	128	120	116	115	0.9%	--	--
239	NEW TOWN								158	141			139	148	6.5%	--	--
241	BOTTINEAU							95	161	141	125	117	117	111	5.1%	--	--
253	RUGBY							930		421	431	423	418	406	2.9%	--	--
255	CROSBY								95	130	127	77	95	131	37.9%	--	--
257	WILLISTON							146		138	130	138	157	160	1.9%	--	--
271	GOLDEN VALLEY													67	--	--	--
273	NEW LEIPZIG							54	83	65	65	59	42	44	4.8%	--	--
281	SAWYER								461	388	411	419	486	526	8.2%	--	--
303	MICHIGAN							648	732	566	570	557	537	515	4.1%	--	--
307	WASHBURN							520	614	565	546	550	546	607	11.2%	--	--
	MEAN							363	337	288	302	296	297	305	8.2%	--	--
MINOR ARTERIAL RURAL																	
231	GRAFTON								261	249	231	271	273	240	12.1%	--	--
247	COURTENAY								49	44	35	38	39	32	17.9%	--	--
249	GARRISON							103	159	104	103	110	102	106	3.9%	--	--
275	HANNOVER							54	74	60	61	63	65	60	7.7%	--	--
289	MANNING									141	144	127	131	160	22.1%	--	--
	MEAN							79	136	120	115	122	122	120	2.3%	--	--
MAJOR COLLECTOR																	
225	STERLING											45	40	39	2.5%	--	--
	MEAN											45	40	39	2.5%	--	--
INTERSTATE URBAN																	
217	FARGO (U)							3821	4741	4400	4435	4888	4986	4791	3.9%	--	--
235	FARGO (U)							2600		2593	2613	2683	2718	2725	0.3%	--	--
283	BISMARCK (U)							1705	1946	1861	1877	1951	2161	2264	4.8%	--	--
	MEAN							2709	3344	2951	2975	3174	3288	3260	0.4%	--	--

HOURLY DISTRIBUTION OF TRAVEL

RURAL INTERSTATE 94

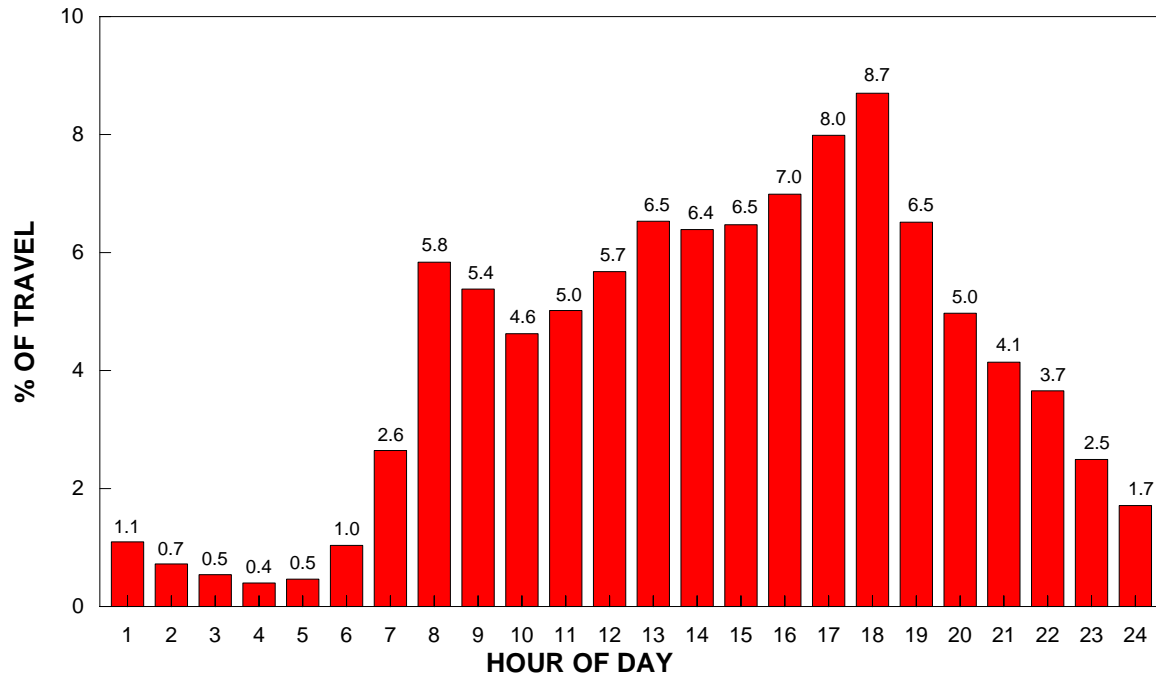


RURAL INTERSTATE 29



HOURLY DISTRIBUTION OF TRAVEL

URBAN INTERSTATE 94

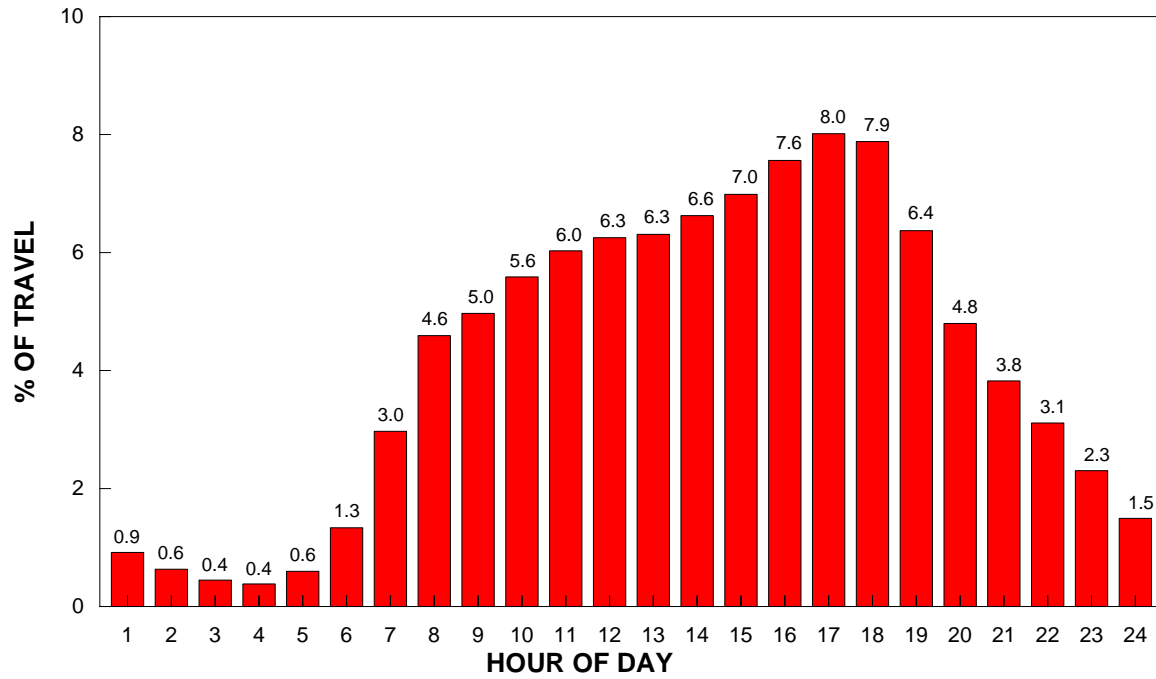


URBAN INTERSTATE 29

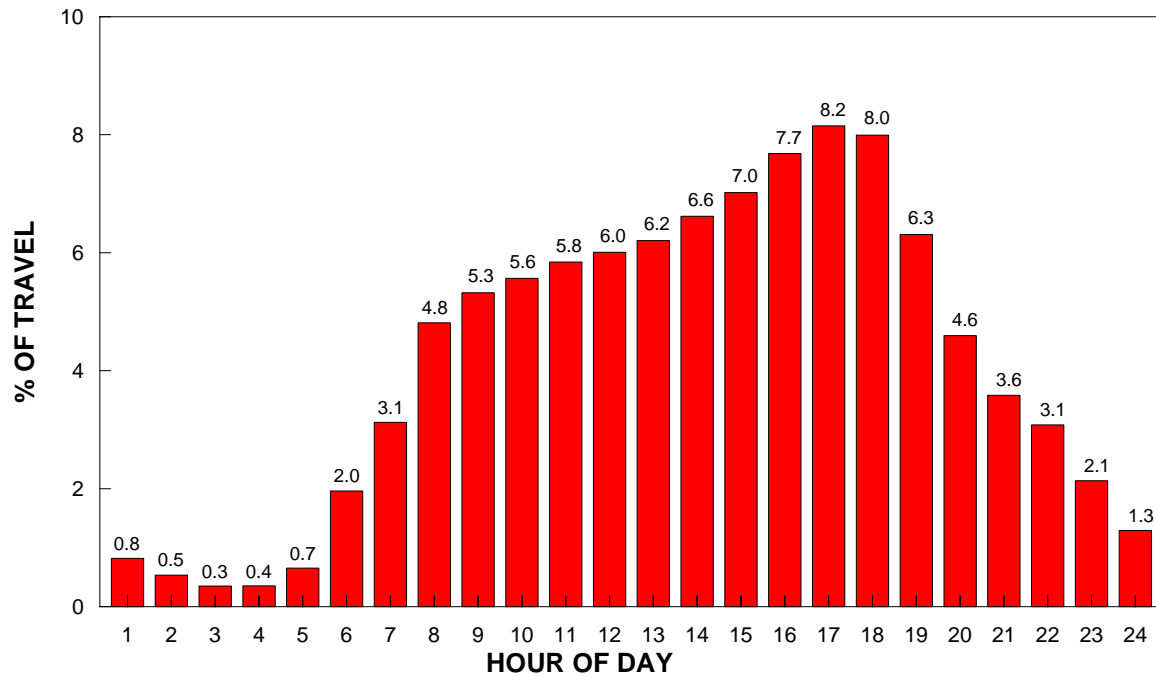


HOURLY DISTRIBUTION OF TRAVEL

RURAL PRINCIPAL ARTERIAL

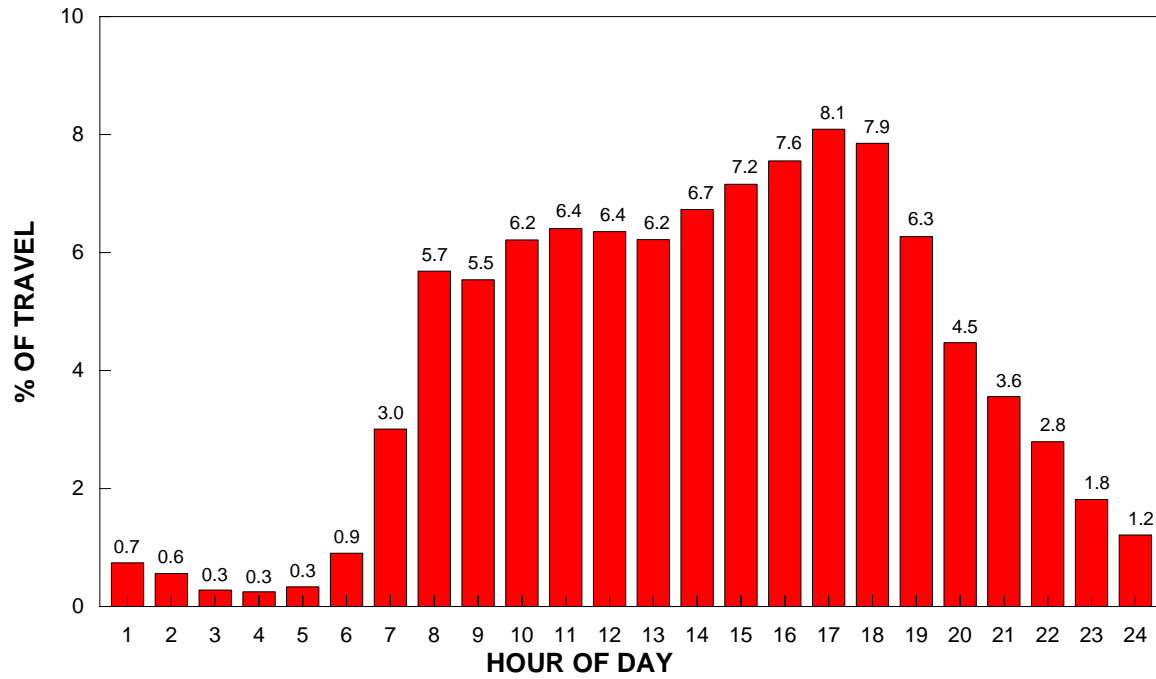


RURAL MINOR ARTERIAL

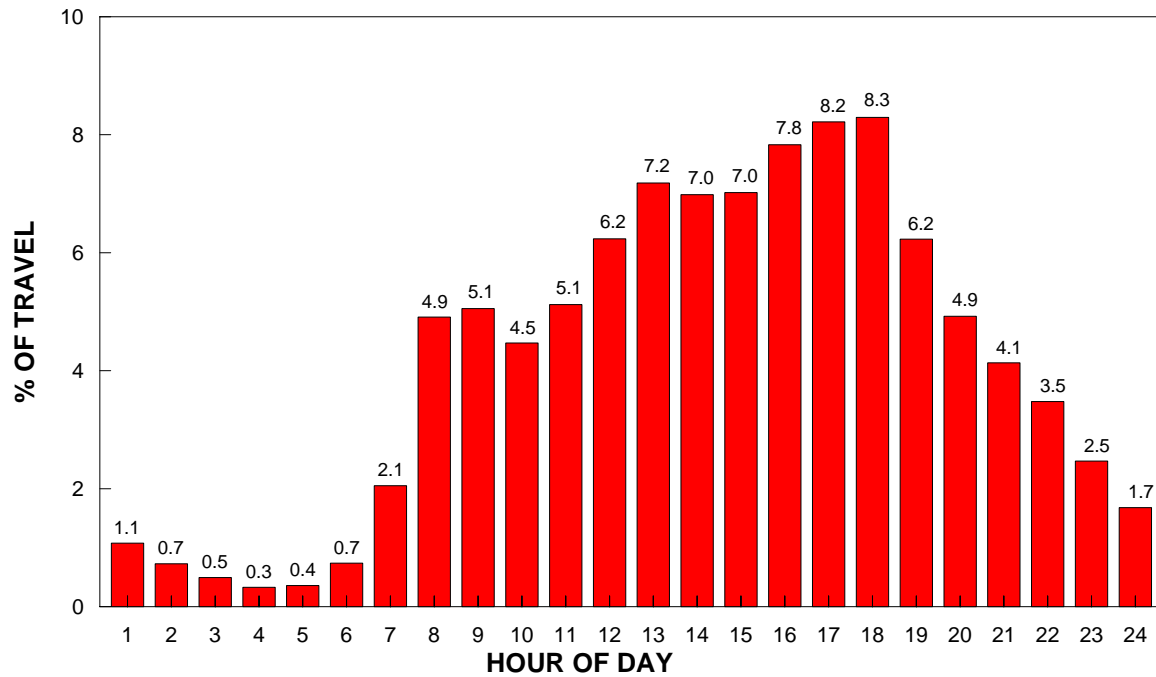


HOURLY DISTRIBUTION OF TRAVEL

RURAL MAJOR COLLECTOR

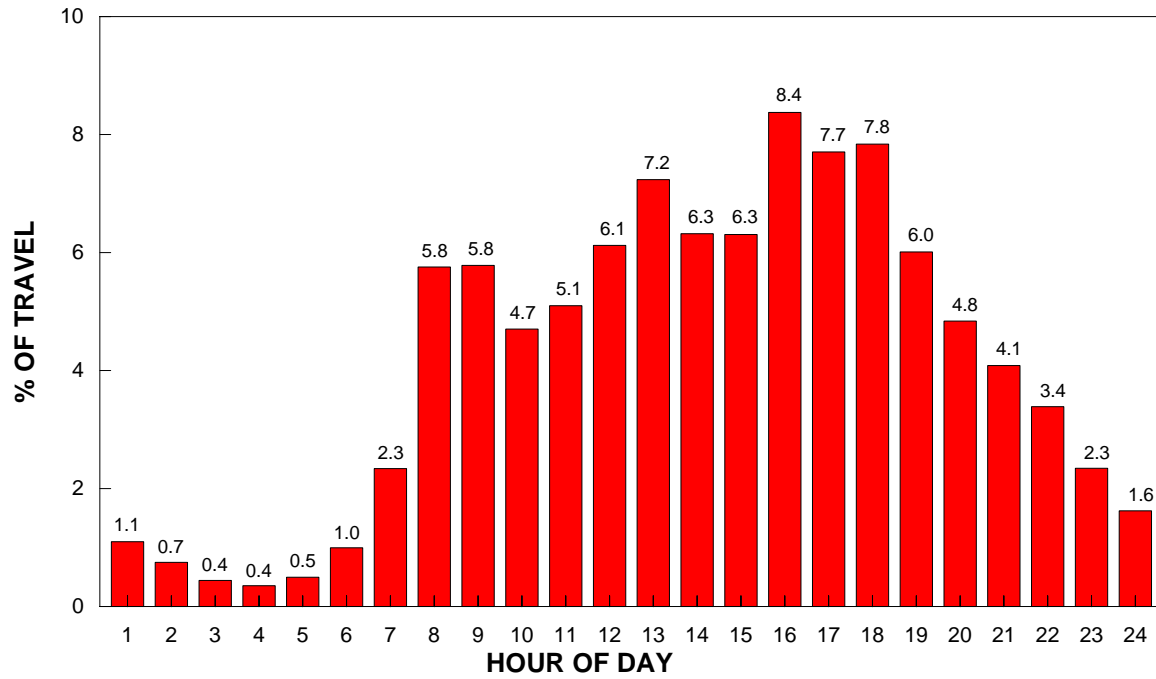


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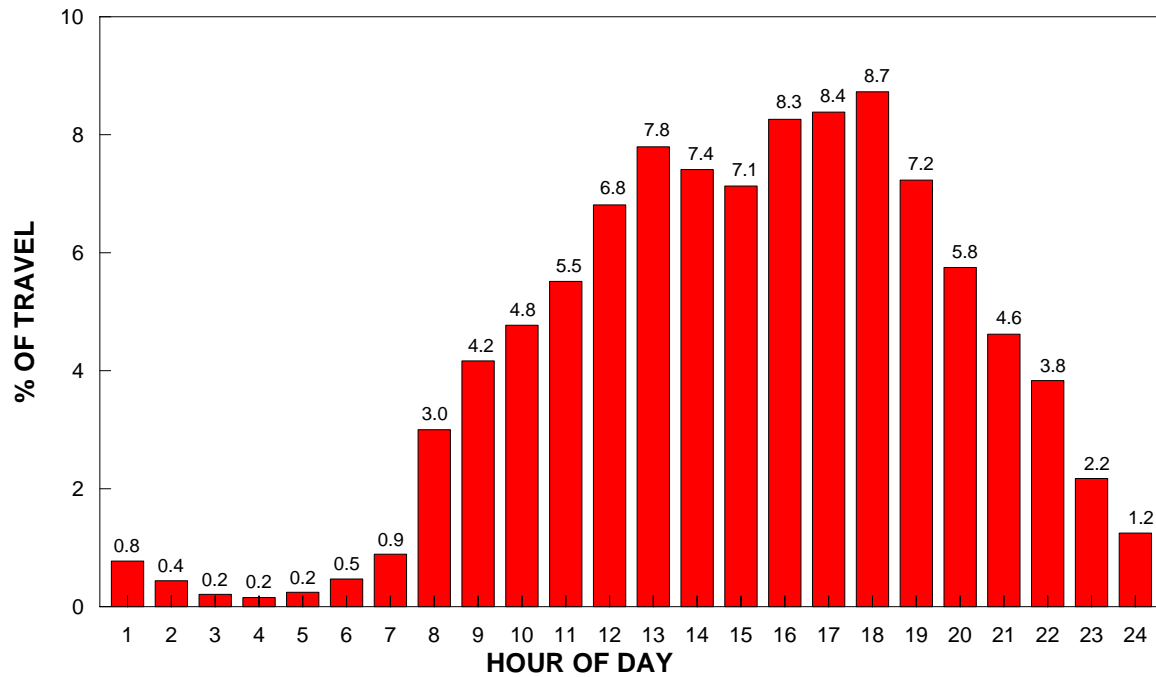


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URBAN MINOR ARTERIAL

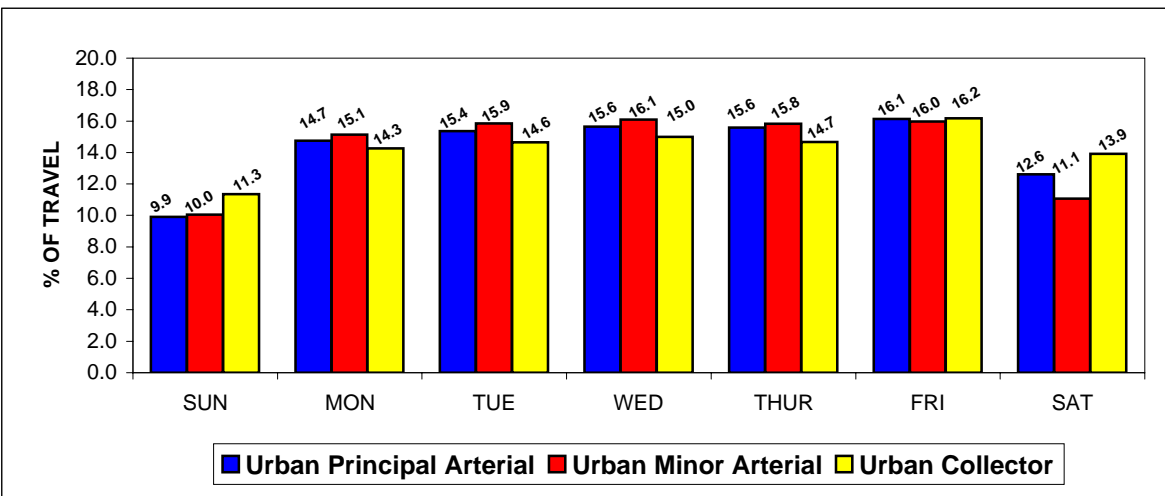
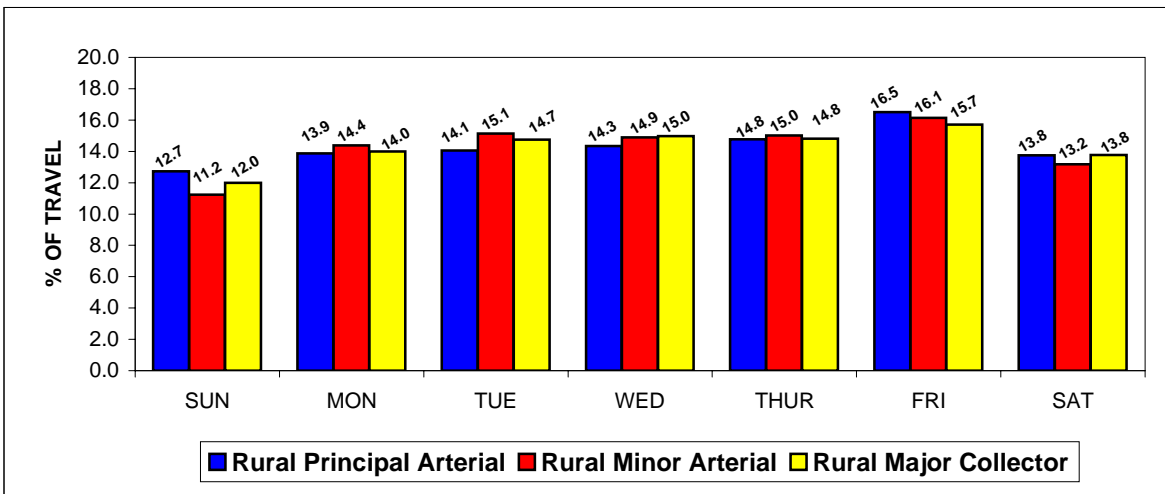
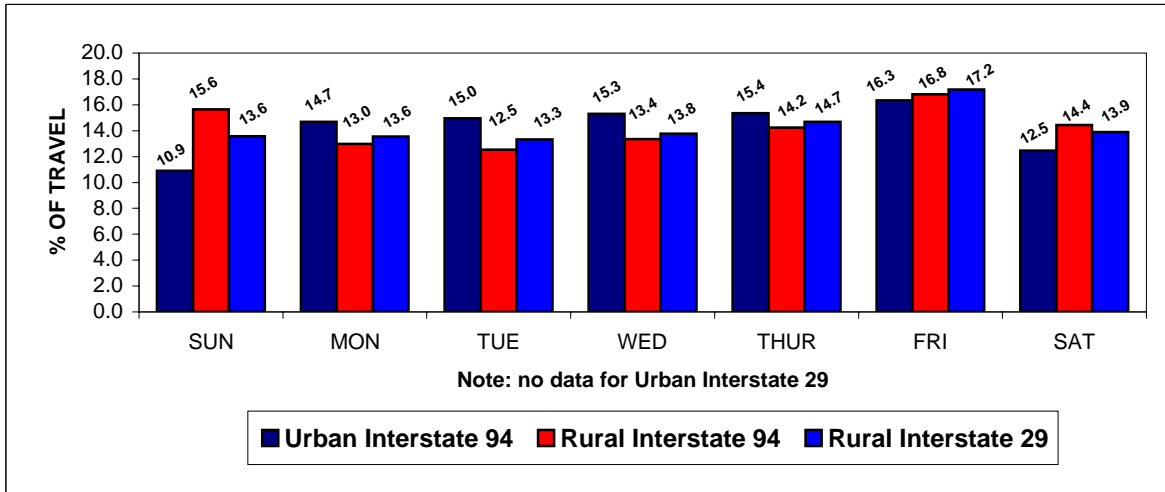


URBAN COLLECTOR

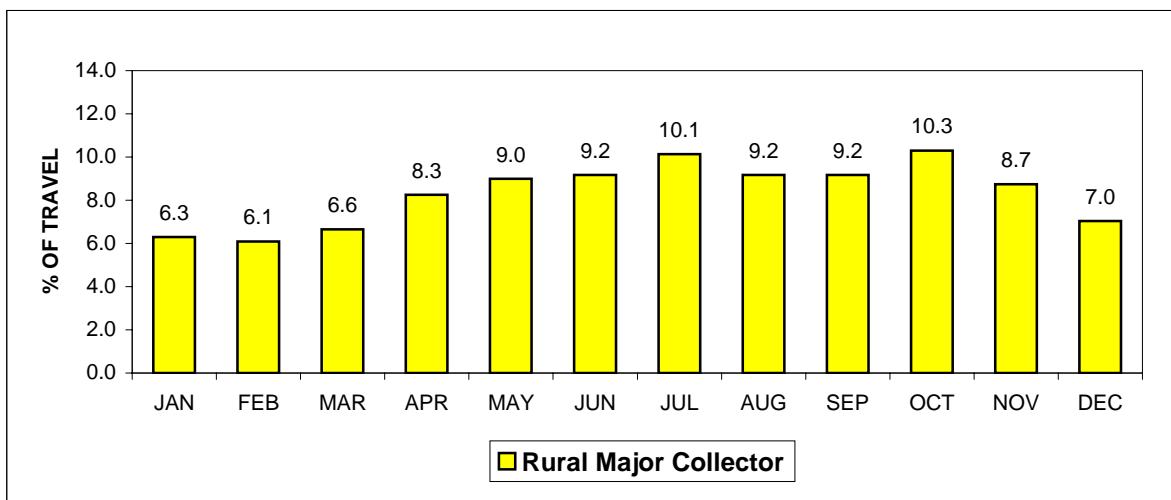
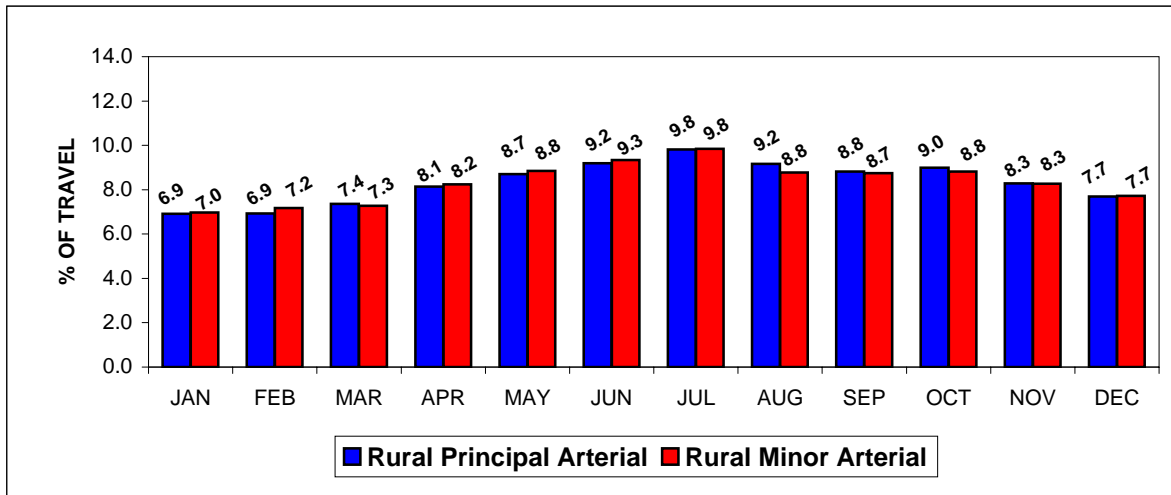
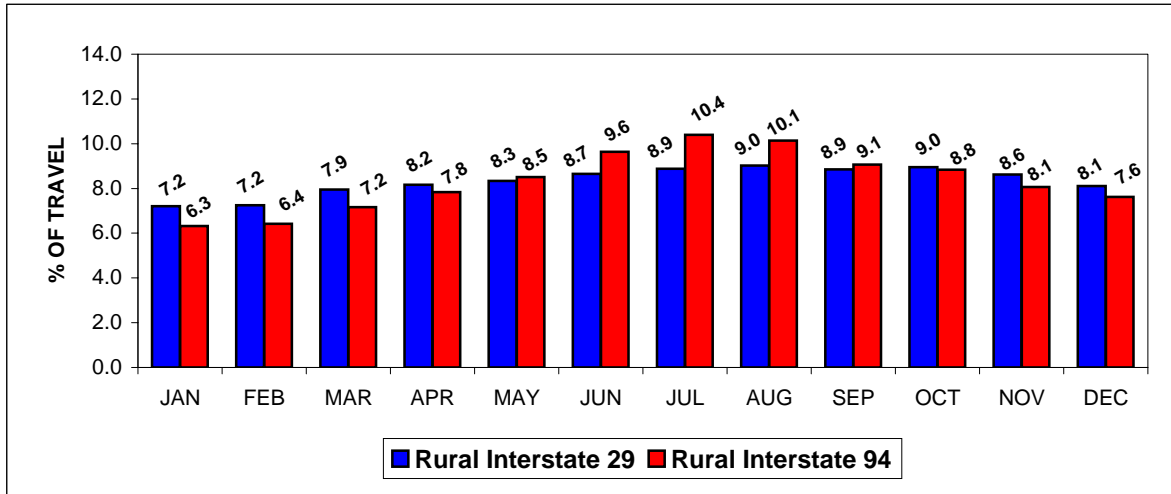


DAILY DISTRIBUTION OF TRAVEL

TOTAL VEHICLES

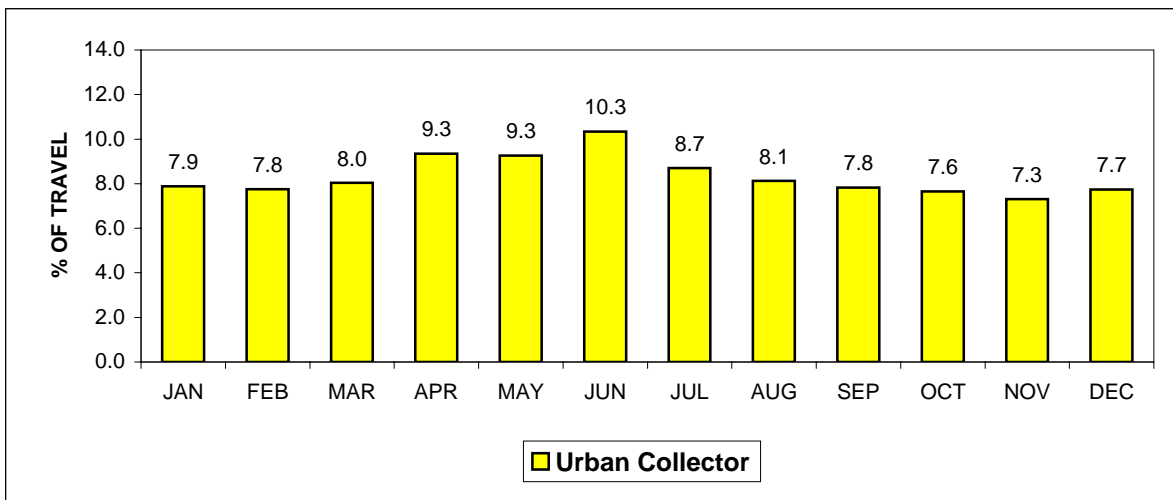
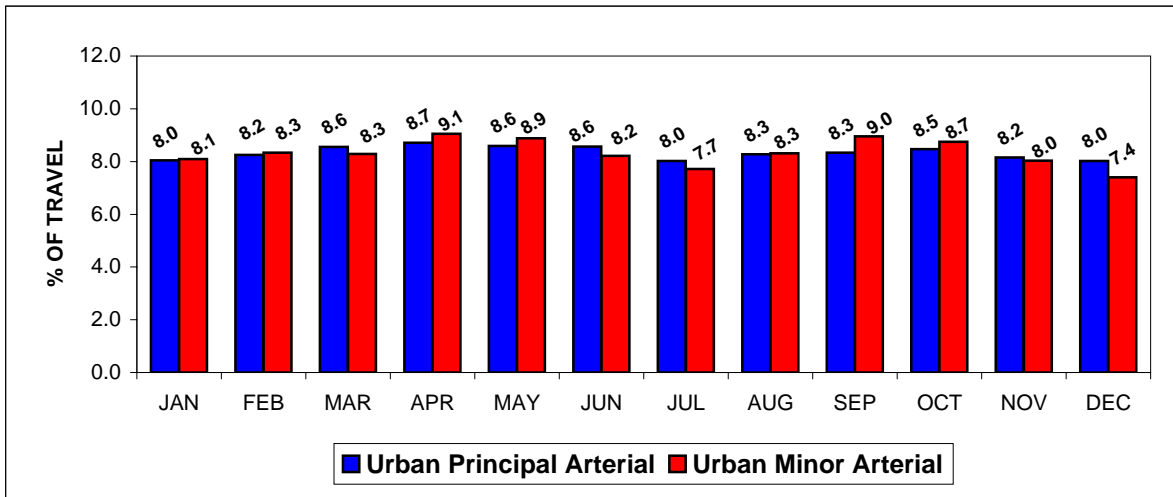
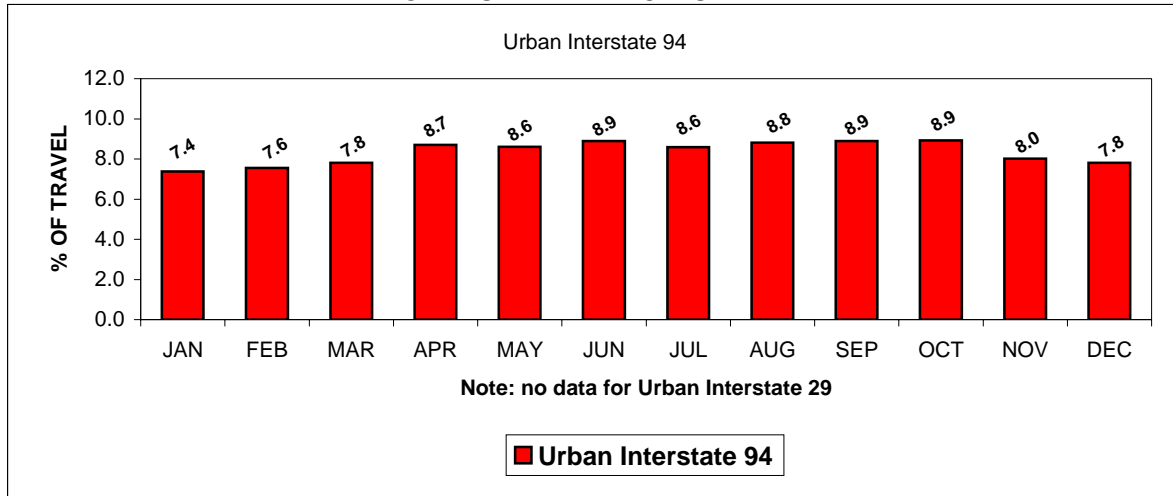


MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC TOTAL RURAL VEHICLES



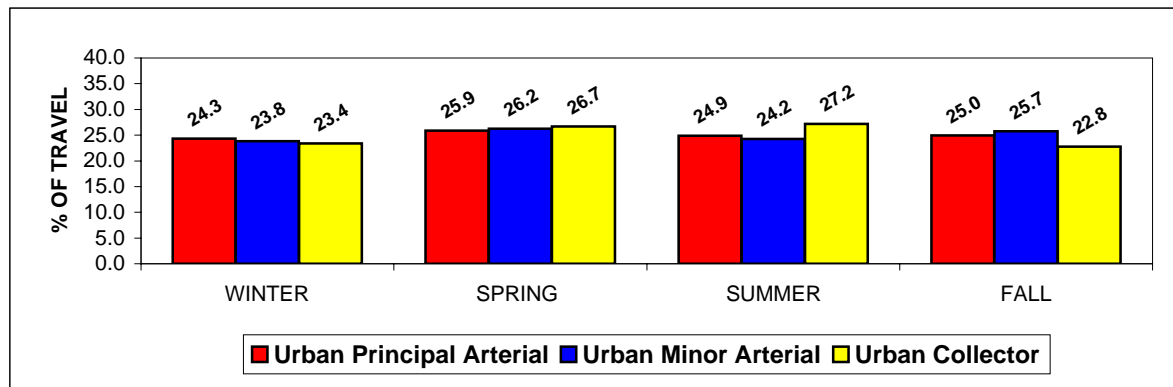
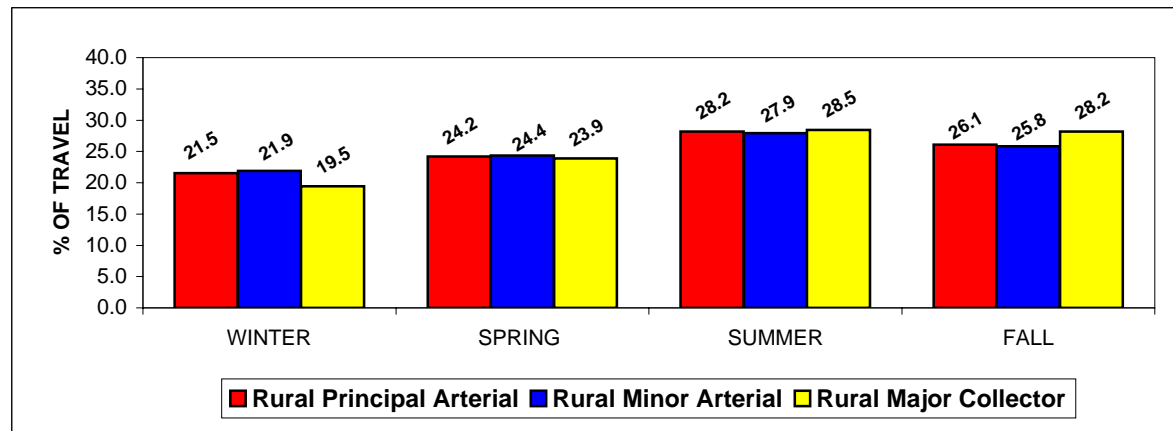
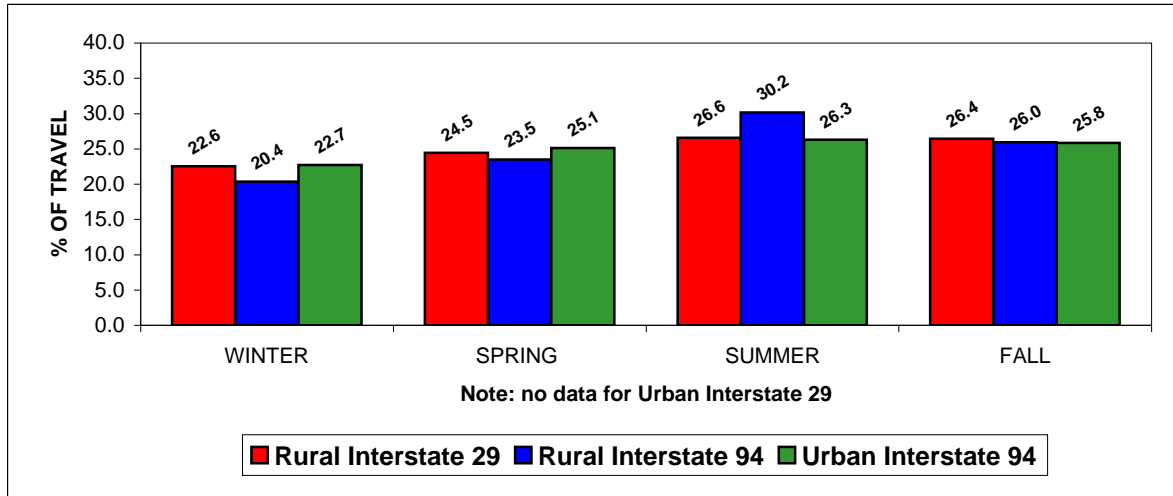
MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

TOTAL URBAN VEHICLES



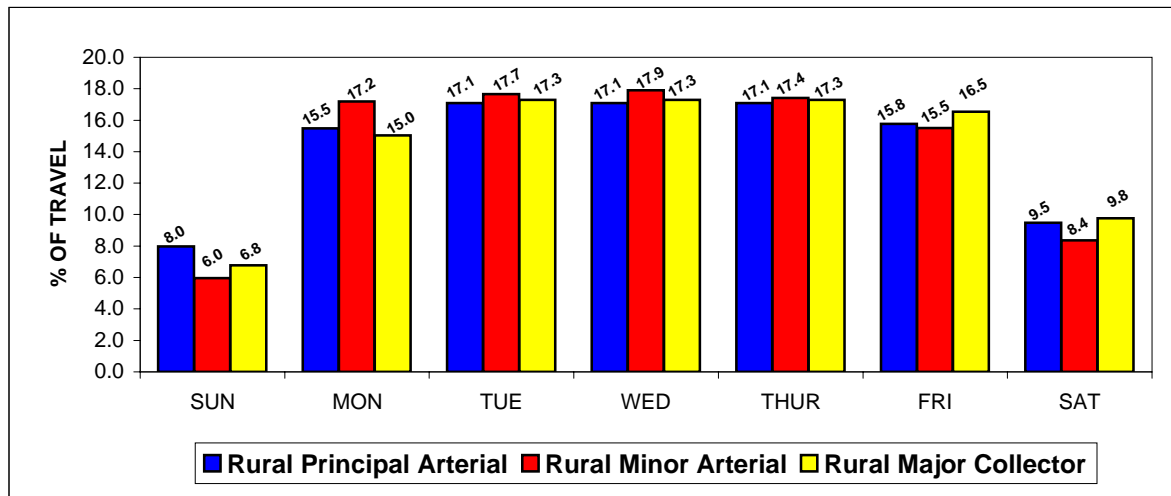
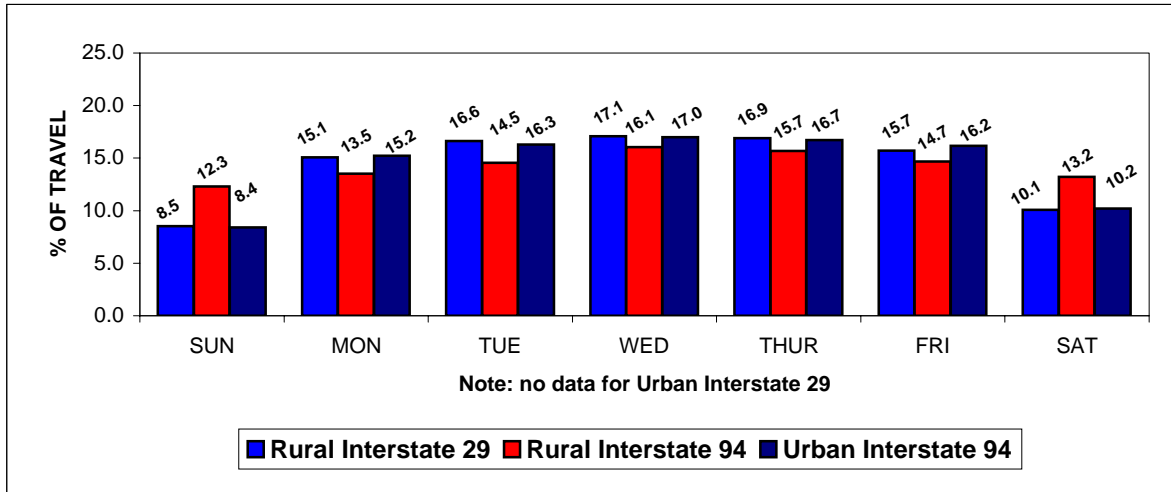
SEASONAL DISTRIBUTION OF TRAVEL

TOTAL VEHICLES



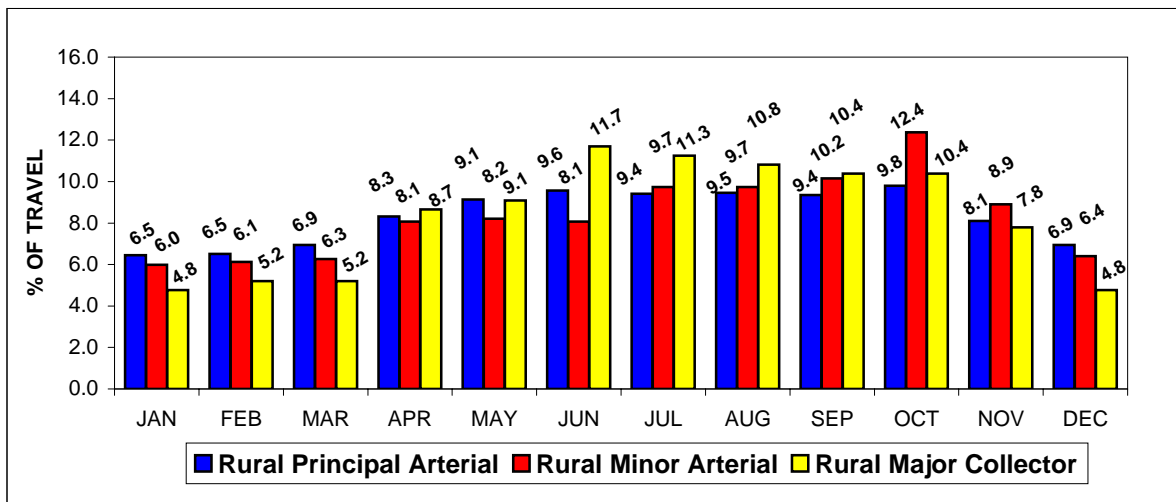
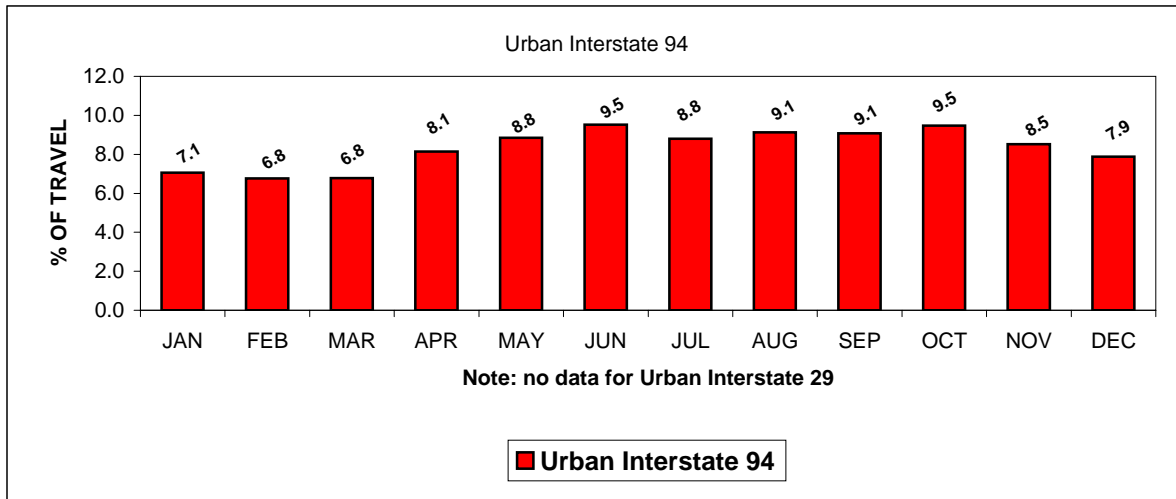
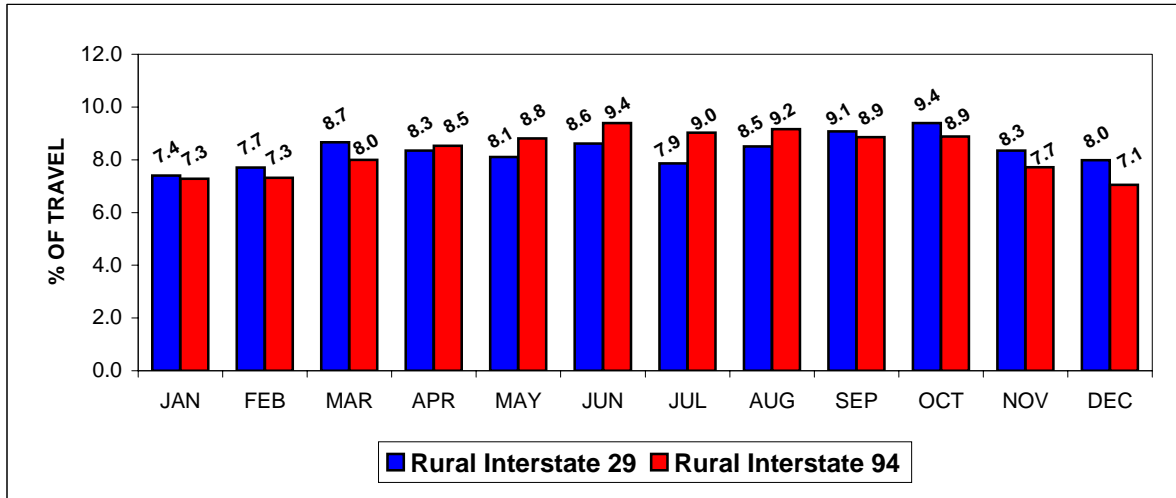
DAILY DISTRIBUTION OF TRAVEL

TOTAL TRUCKS



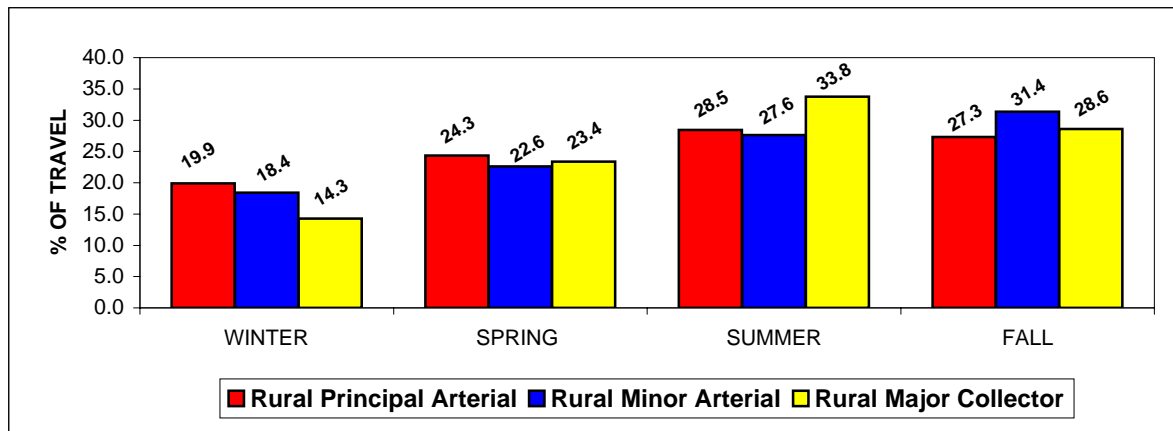
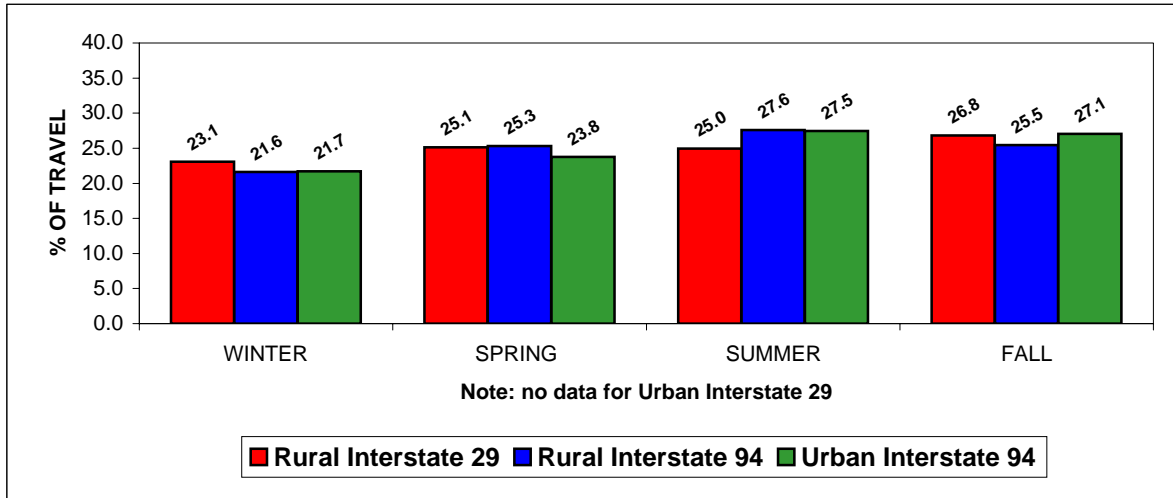
MONTHLY DISTRIBUTION OF ANNUAL TRAFFIC

TOTAL TRUCKS



SEASONAL DISTRIBUTION OF TRAVEL

TOTAL TRUCKS



**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2006**

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	3440	852	24.8%	487	14.2%	426	53-47
		WEST	3266	726	22.2%	472	14.5%	296	61-39
		EAST & WEST	6706	1,346	20.1%	907	13.5%		
223	NEW SALEM	EAST	3100	488	15.7%	395	12.7%	238	62-38
		WEST	3016	477	15.8%	357	11.8%	314	53-47
		EAST & WEST	6116	820	13.4%	703	11.5%		
245	TOWER CITY	EAST	4602	1,061	23.1%	623	13.5%	340	65-35
		WEST	4571	1,035	22.6%	639	14.0%	408	61-39
		EAST & WEST	9173	1,607	17.5%	1187	12.9%		
279	PAINTED CANYON	EAST	1859	402	21.6%	256	13.8%	190	57-43
		WEST	1809	328	18.1%	267	14.8%	227	54-46
		EAST & WEST	3668	581	15.8%	487	13.3%		
INTERSTATE RURAL - I-29									
211	BUXTON	NORTH	5265	949	18.0%	672	12.8%	487	58-42
		SOUTH	5267	794	15.1%	647	12.3%	533	55-45
		NORTH & SOUTH	10532	1,583	15.0%	1250	11.9%		
243	BOWESMONT	NORTH	1578	299	18.9%	214	13.6%	99	68-32
		SOUTH	1568	331	21.1%	230	14.7%	129	64-36
		NORTH & SOUTH	3146	461	14.7%	369	11.7%		
265	MOORETON	NORTH	2936	505	17.2%	338	11.5%	335	50-50
		SOUTH	3004	511	17.0%	361	12.0%	302	54-46
		NORTH & SOUTH	5940	895	15.1%	673	11.3%		
285	DAVENPORT	NORTH	5136	681	13.3%	624	12.1%	246	72-28
		SOUTH	5015	874	17.4%	640	12.8%	538	54-46
		NORTH & SOUTH	10151	1,416	13.9%	1126	11.1%		
INTERSTATE URBAN - I-94									
217	FARGO (U)	EAST	30308	3,962	13.1%	3680	12.1%	2976	55-45
		WEST	31171	3,807	12.2%	3075	9.9%	2125	59-41
		EAST & WEST	61479	6,879	11.2%	6578	10.7%		
283	BISMARCK (U)	EAST	10836	1,276	11.8%	1161	10.7%	761	60-40
		WEST	10671	1,442	13.5%	1250	11.7%	944	57-43
		EAST & WEST	21507	2,502	11.6%	2303	10.7%		
PRINCIPAL ARTERIAL RURAL									
201	RAY	EAST	938	143	15.2%	113	12.0%	62	65-35
		WEST	935	148	15.8%	109	11.7%	58	65-35
		EAST & WEST	1873	248	13.2%	202	10.8%		
203	MAX	NORTH	1820	383	21.0%	259	14.2%	167	61-39
		SOUTH	1792	328	18.3%	238	13.3%	176	57-43
		NORTH & SOUTH	3612	588	16.3%	461	12.8%		
205	GWINNER	EAST	619	129	20.8%	96	15.5%	43	69-31
		WEST	636	494	77.7%	108	17.0%	47	70-30

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2006**

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									
205	GWINNER	EAST & WEST	1255	505	40.2%	154	12.3%		
215	JAMESTOWN	EAST	1362	238	17.5%	171	12.6%	115	60-40
		WEST	1354	201	14.8%	157	11.6%	88	64-36
		EAST & WEST	2716	376	13.8%	298	11.0%		
219	MANDAN	NORTH	754	158	21.0%	88	11.7%	36	71-29
		SOUTH	764	131	17.1%	103	13.5%	41	72-28
		NORTH & SOUTH	1518	217	14.3%	171	11.3%		
221	FAIRFIELD	NORTH	824	107	13.0%	91	11.0%	54	63-37
		SOUTH	825	160	19.4%	100	12.1%	51	66-34
		NORTH & SOUTH	1649	221	13.4%	171	10.4%		
229	COOPERSTOWN	EAST	423	83	19.6%	57	13.5%	29	66-34
		WEST	404	87	21.5%	54	13.4%	24	69-31
		EAST & WEST	827	136	16.4%	97	11.7%		
233	FOXHOLM	EAST	942	139	14.8%	103	10.9%	82	56-44
		WEST	957	133	13.9%	107	11.2%	72	60-40
		EAST & WEST	1899	239	12.6%	191	10.1%		
237	NEKOMA	NORTH	340	65	19.1%	44	12.9%	27	62-38
		SOUTH	346	75	21.7%	47	13.6%	22	68-32
		NORTH & SOUTH	686	93	13.6%	80	11.7%		
239	NEW TOWN	EAST	799	132	16.5%	94	11.8%	46	67-33
		WEST	800	127	15.9%	97	12.1%	78	55-45
		EAST & WEST	1599	238	14.9%	175	10.9%		
241	BOTTINEAU	EAST	460	99	21.5%	64	13.9%	20	76-24
		WEST	486	104	21.4%	64	13.2%	40	62-38
		EAST & WEST	946	141	14.9%	110	11.6%		
251	HAGUE	NORTH	291	57	19.6%	40	13.7%	26	61-39
		SOUTH	298	57	19.1%	42	14.1%	29	59-41
		NORTH & SOUTH	589	91	15.4%	74	12.6%		
253	RUGBY	EAST	1242	226	18.2%	153	12.3%	106	59-41
		WEST	1233	237	19.2%	156	12.7%	157	50-50
255	CROSBY	EAST	289	66	22.8%	42	14.5%	21	67-33
		WEST	285	77	27.0%	41	14.4%	17	71-29
		EAST & WEST	574	98	17.1%	72	12.5%		
257	WILLISTON	EAST	614	117	19.1%	80	13.0%	36	69-31
		WEST	615	125	20.3%	82	13.3%	55	60-40
		EAST & WEST	1229	206	16.8%	141	11.5%		
271	GOLDEN VALLEY	EAST	349	89	25.5%	42	12.0%	25	63-37
		WEST	353	122	34.6%	52	14.7%	23	69-31
		EAST & WEST	702	142	20.2%	81	11.5%		
273	NEW LEIPZIG	EAST	169	41	24.3%	26	15.4%	13	67-33
		WEST	170	49	28.8%	24	14.1%	12	67-33
		EAST & WEST	339	60	17.7%	45	13.3%		

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2006**

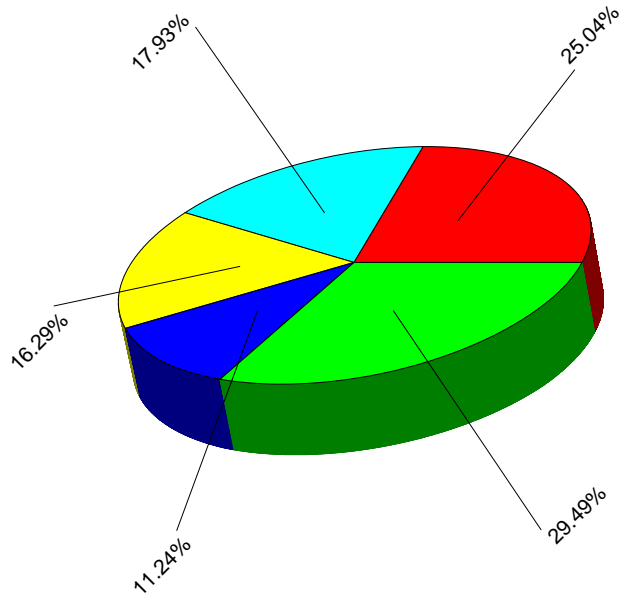
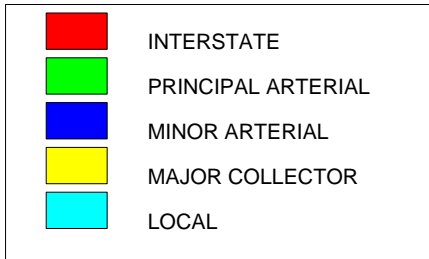
STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
PRINCIPAL ARTERIAL RURAL									
281	SAWYER	EAST	1936	324	16.7%	281	14.5%	111	72-28
		WEST	1966	304	15.5%	287	14.6%	93	76-24
		EAST & WEST	3902	484	12.4%	423	10.8%		
303	MICHIGAN	EAST	1682	367	21.8%	255	15.2%	148	63-37
		WEST	1679	353	21.0%	249	14.8%	103	71-29
		EAST & WEST	3361	574	17.1%	432	12.9%		
307	WASHBURN	NORTH	2129	425	20.0%	265	12.4%	253	51-49
		SOUTH	2104	335	15.9%	272	12.9%	284	49-51
		NORTH & SOUTH	4233	642	15.2%	499	11.8%		
MINOR ARTERIAL RURAL									
231	GRAFTON	EAST	1257	414	32.9%	136	10.8%	53	72-28
		WEST	1264	513	40.6%	169	13.4%	104	62-38
		EAST & WEST	2521	562	22.3%	272	10.8%		
247	COURTENAY	NORTH	232	60	25.9%	38	16.4%	15	72-28
		SOUTH	228	53	23.2%	33	14.5%	12	73-27
		NORTH & SOUTH	460	78	17.0%	57	12.4%		
249	GARRISON	EAST	585	138	23.6%	91	15.6%	57	61-39
		WEST	579	138	23.8%	95	16.4%	58	62-38
		EAST & WEST	1164	237	20.4%	175	15.0%		
275	HANNOVER	NORTH	250	85	34.0%	35	14.0%	14	71-29
		SOUTH	229	65	28.4%	33	14.4%	13	72-28
		NORTH & SOUTH	479	98	20.5%	62	12.9%		
289	MANNING	NORTH	864	136	15.7%	110	12.7%	86	56-44
		SOUTH	854	123	14.4%	102	11.9%	82	55-45
		NORTH & SOUTH	1718	214	12.5%	190	11.1%		
MAJOR COLLECTOR									
225	STERLING	EAST	270	90	33.3%	43	15.9%	13	77-23
		WEST	255	45	17.6%	33	12.9%	12	73-27
		EAST & WEST	525	105	20.0%	65	12.4%		
259	AYR	EAST	170	36	21.2%	27	15.9%	14	66-34
		WEST	170	40	23.5%	26	15.3%	23	53-47
		EAST & WEST	340	69	20.3%	46	13.5%		
277	REGENT	NORTH	141	40	28.4%	26	18.4%	24	52-48
		SOUTH	146	60	41.1%	25	17.1%	17	60-40
		NORTH & SOUTH	287	74	25.8%	45	15.7%		
PRINCIPAL ARTERIAL URBAN									
287	GRAND FORKS	NORTH	9541	1,081	11.3%	927	9.7%	971	49-51
		SOUTH	9566	1,126	11.8%	1009	10.5%	905	53-47
		NORTH & SOUTH	19107	2,194	11.5%	1906	10.0%		
501	FARGO (U)	NORTH	11406	1,628	14.3%	1487	13.0%	892	63-37
		SOUTH	12842	1,692	13.2%	1553	12.1%	913	63-37

**PERMANENT STATION
PEAK HOUR & DESIGN HOUR
STATISTICS FOR 2006**

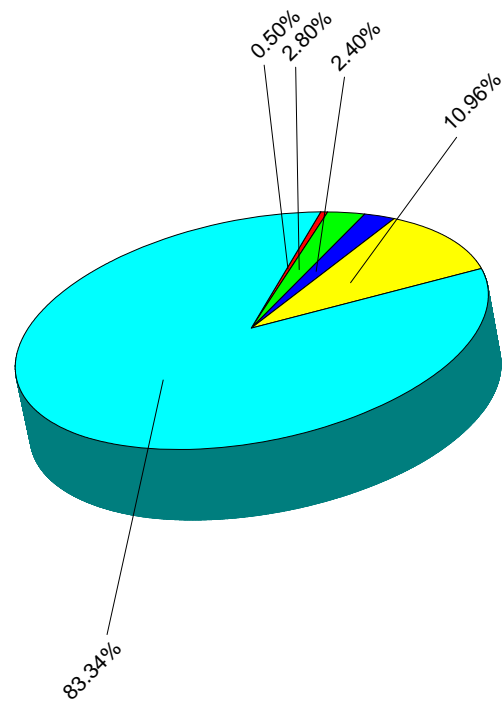
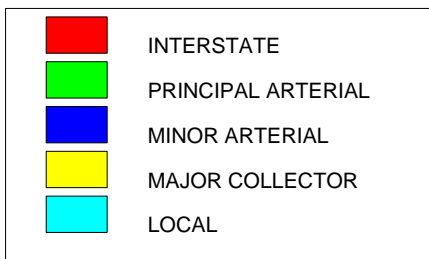
STATION NUMBER	STATION NAME	DIRECTION	ANNUAL AVERAGE DAILY TRAFFIC (AADT)	---- PEAK HOUR ----		----- DESIGN HOUR -----			
				VOLUME	% OF AADT	VOLUME	% OF AADT	VOLUME OPPOSITE DIR	DIRECTIONAL DISTRIBUTION
PRINCIPAL ARTERIAL URBAN									
501	FARGO (U)	NORTH & SOUTH	24248	2,696	11.1%	2519	10.4%		
601	BISMARCK (U)	SOUTH	11465	1,704	14.9%	1411	12.3%		-
603	WILLISTON (U)	EAST	2269	285	12.6%	250	11.0%	247	50-50
		WEST	2259	401	17.8%	262	11.6%	237	53-47
		EAST & WEST	4528	641	14.2%	499	11.0%		
605	MANDAN (U)	EAST	9778	1,148	11.7%	954	9.8%	1000	49-51
		WEST	10435	1,347	12.9%	1277	12.2%	923	58-42
		EAST & WEST	20213	2,317	11.5%	2192	10.8%		
MINOR ARTERIAL-URBAN									
607	DICKINSON (U)	EAST	1495	243	16.3%	207	13.8%	144	59-41
		WEST	1558	249	16.0%	211	13.5%	74	74-26
		EAST & WEST	3053	409	13.4%	358	11.7%		
611	MINOT (U)	EAST	1199	159	13.3%	144	12.0%	97	60-40
		WEST	1342	217	16.2%	173	12.9%	111	61-39
		EAST & WEST	2541	333	13.1%	296	11.6%		
COLLECTOR URBAN									
609	MINOT (U)	EAST	1116	168	15.1%	135	12.1%	152	47-53
		WEST	1106	175	15.8%	140	12.7%	130	52-48
		EAST & WEST	2222	338	15.2%	266	12.0%		

2006 COMPARISON OF VEHICLE MILES TO RURAL ROAD MILES

Vehicle Miles

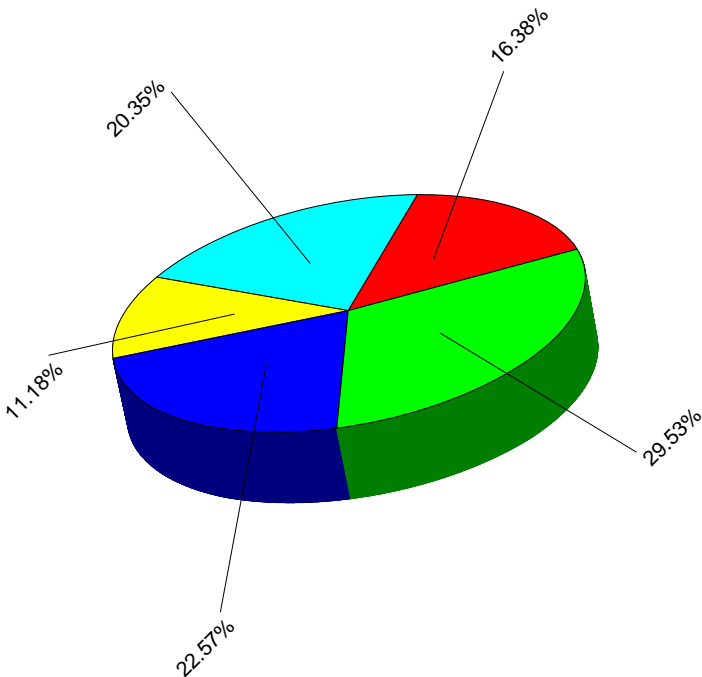
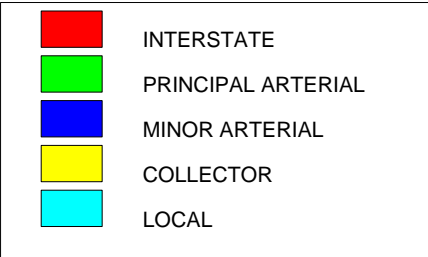


Road Miles

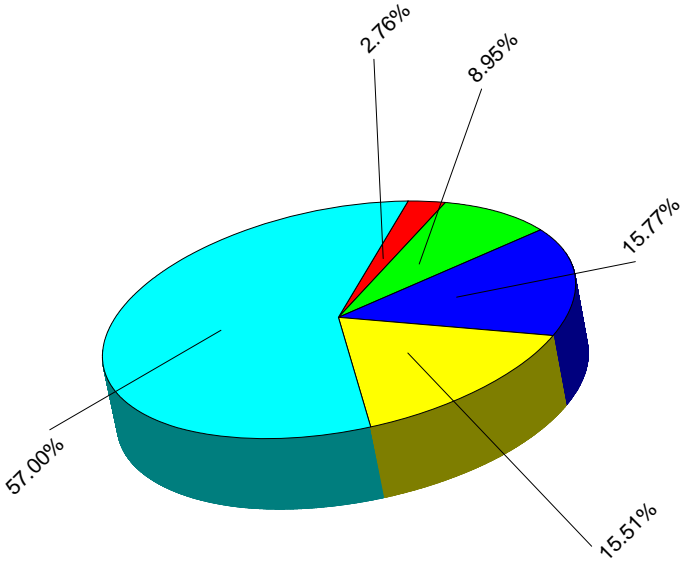
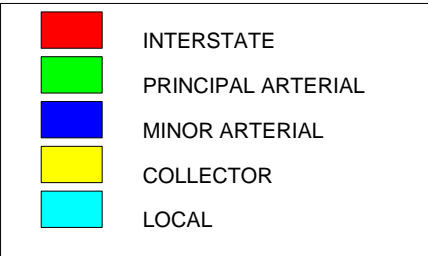


2006 COMPARISON OF VEHICLE MILES TO URBAN ROAD MILES

Vehicle Miles



Road Miles



**NORTH DAKOTA DEPARTMENT OF TRANSPORTATION
SUMMARY OF 2006 EXISTING MILEAGE OF NORTH DAKOTA ROADS AND STREETS
CLASSIFIED BY SYSTEMS**

SYSTEM	SURFACED MILEAGE			UNSURFACED MILEAGE		TOTALS	NHS
	HARD SURFACES		GRAVEL	GRADED/ DRAINED	UNIMPROVED ROADS		HARD SURFACES
	BITUMINOUS	CONCRETE					
STATE							
INTERSTATE RURAL	127.1	392.2	0.0	0.0	0.0	519.3	519.3
INTERSTATE URBAN	7.9	44.0	0.0	0.0	0.0	51.9	51.9
TOTAL	134.9	436.2	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	6,773.8	610.2	0.5	0.0	0.0	7,384.4	2,722.1
COUNTY							
MAJOR COLLECTOR RURAL	4,400.0	44.1	5,613.1	1.0	2.5	10,060.6	
MAJOR COLLECTOR CITY	191.8	4.4	70.1	0.1	0.0	266.4	
TOTAL	4,591.8	48.5	5,683.2	1.1	2.5	10,327.1	
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	1,084.4	35.7	52,442.2	6,342.9	25,196.3	85,101.4	
LOCAL ROADS CITY	1,047.3	3.9	974.3	42.3	122.6	2,190.5	
TOTAL	2,131.7	39.6	53,416.5	6,385.2	25,318.9	87,291.9	
TOTAL COUNTY SYSTEM	6,726.0	88.1	59,099.6	6,386.3	25,321.4	97,621.5	2.5
URBAN							
PRINCIPAL ARTERIAL	6.1	10.7	0.0	0.0	0.0	16.9	
MINOR ARTERIAL	204.3	49.8	29.7	0.0	1.0	284.7	
COLLECTOR	219.7	44.8	24.5	0.0	2.4	291.3	
LOCAL STREETS	753.0	143.1	152.7	2.3	16.4	1,067.6	
TOTAL URBAN SYSTEM	1,183.1	248.3	206.9	2.3	19.8	1,660.4	
TOTAL RURAL ROADS	13,376.5	604.2	59,100.1	6,386.3	25,321.4	104,788.6	
TOTAL CITY STREETS	1,306.3	342.4	206.9	2.3	19.8	1,877.7	
TOTAL	14,682.8	946.6	59,307.0	6,388.6	25,341.2	106,666.3	
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	296.1	2,811.9
COLLECTOR	11,488.9	291.3	11,780.2
LOCAL	87,332.6	1,070.4	88,403.0
TOTAL	104,788.6	1,877.7	106,666.3

2006 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	37,644	123,696	100,503	47,864	36,042	345,749
DEVILS LAKE		21,723	5,927	5,755	7,202	40,607
DICKINSON	9,742	25,492	20,788	10,745	23,021	89,788
FARGO	218,779	158,874	171,222	66,486	227,499	842,859
GRAFTON		6,832	1,441	2,273	3,633	14,178
GRAND FORKS	13,832	104,629	55,466	43,009	35,834	252,771
JAMESTOWN	14,989	27,042	8,883	10,702	14,273	75,889
MANDAN	51,247	38,436	26,251	4,240	9,167	129,341
MINOT		101,728	49,768	31,967	46,096	229,559
VALLEY CITY	15,019	6,431	6,095	4,591	6,489	38,625
WAHPETON		12,498	8,300	6,269	7,391	34,458
WEST FARGO		15,055	39,325	13,212	27,214	94,807
WILLISTON		24,767	16,113	4,892	16,282	62,054
TOTAL	361,251	667,203	510,080	252,006	460,145	2,250,685

2006 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASS

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

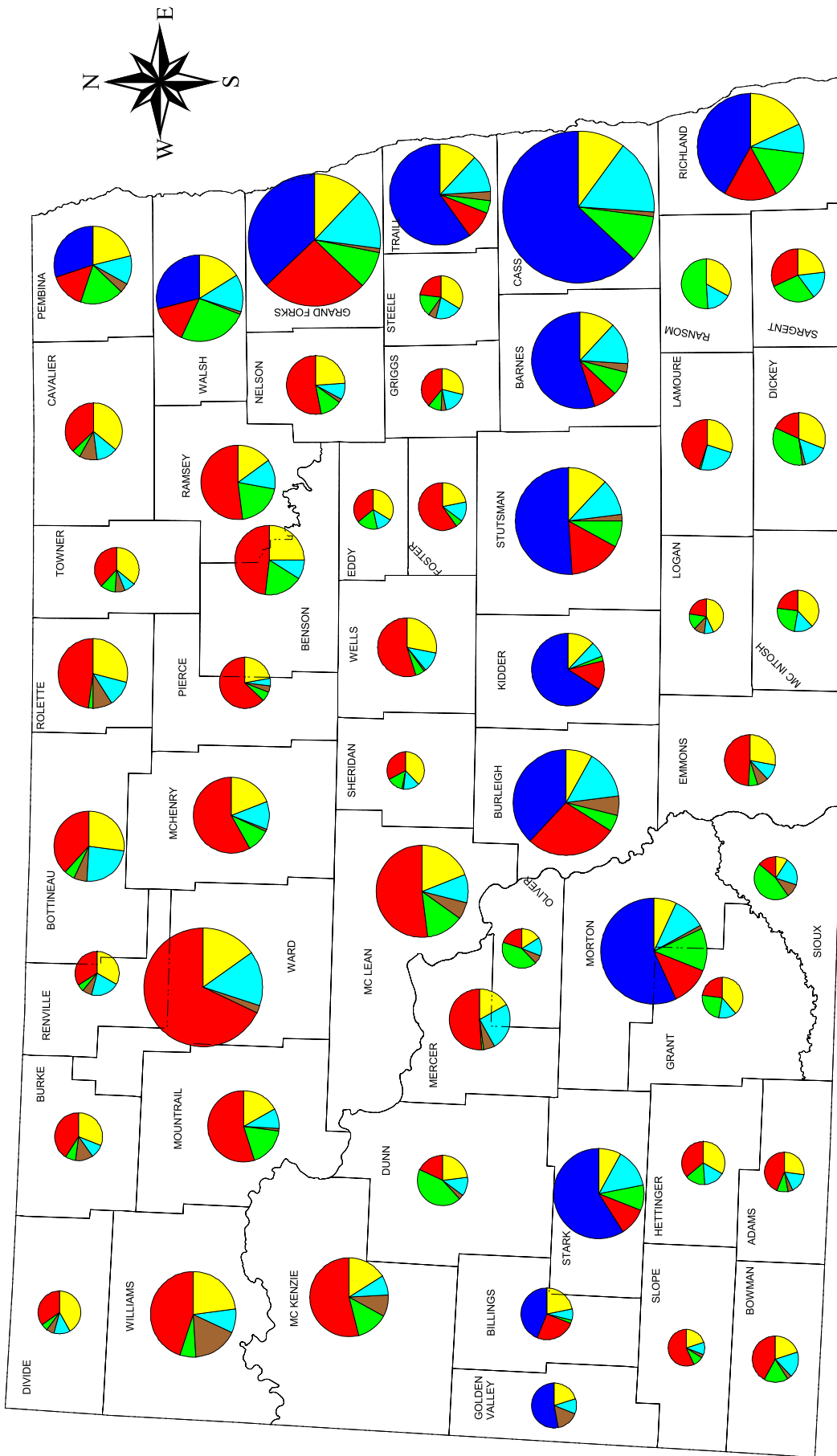
COUNTY	INTERSTATE	PRINCIPLE ARTERIAL	MINOR ARTERIAL	STATE MAJOR COLLECTOR	COUNTY MAJOR COLLECTOR	LOCAL ROADS	TOTAL
ADAMS		13,809	2,847	1,218	4,901	8,791	31,567
BARNES	104,308	14,705	15,779	4,853	26,317	22,165	188,126
BENSON		48,030	18,343	169	9,005	24,053	99,600
BILLINGS	24,532	13,945	1,367		4,025	11,340	55,208
BOTTINEAU		38,584	5,453	5,726	24,913	27,383	102,060
BOWMAN		18,139	7,541	1,179	7,668	9,103	43,631
BURKE		19,064	3,418	5,448	4,272	14,822	47,024
BURLEIGH	85,338	62,105	10,969	13,443	33,833	18,180	223,868
CASS	276,429		42,859	5,413	69,748	44,152	438,601
CAVALIER		25,110	3,508	6,452	8,424	23,989	67,482
DICKEY		10,164	19,581	888	8,724	17,515	56,872
DIVIDE		13,080	1,672	2,288	4,386	15,597	37,022
DUNN		9,377	22,828	1,672	6,460	11,827	52,164
EDDY		11,415	5,247		4,107	10,534	31,302
EMMONS		26,090	3,158	3,820	5,131	15,443	53,643
FOSTER		28,392	2,229		6,352	10,095	47,068
GOLDEN VALLEY	21,958			6,703	4,440	8,122	41,222
GRAND FORKS	125,912	88,603	32,214	2,156	52,160	40,387	341,431
GRANT		7,703	8,108		4,538	13,117	33,465
GRIGGS		13,822	3,596	1,301	6,243	10,425	35,388
HETTINGER		13,584	5,616		6,210	12,328	37,738
KIDDER	71,791	13,761	2,550		7,122	14,067	109,291
LAMOURE		24,033	413	254	12,842	15,356	52,898
LOGAN		5,273	3,526	2,272	2,076	9,808	22,954
MC HENRY		68,438	11,879	883	14,799	22,622	118,621
MC INTOSH		7,883	8,429		5,196	13,140	34,647
MC KENZIE		69,176	16,605	12,007	10,287	19,321	127,396
MC LEAN		89,197	22,405	9,603	16,797	34,098	172,101
MERCER		38,998	457	4,443	19,406	13,876	77,180
MORTON	127,560	26,689	28,791	2,140	22,151	17,877	225,207
MOUNTRAIL		57,594	18,948	1,520	9,640	17,079	104,782
NELSON		37,943	8,390	1,290	6,312	17,375	71,309
OLIVER		6,269	13,112	2,241	4,700	4,951	31,273
PEMBINA	37,555	19,124	22,566	4,475	14,630	25,771	124,120
PIERCE		33,620	3,083	2,165	2,948	11,916	53,733
RAMSEY		59,664	23,119		15,185	15,997	113,965
RANSOM			25,962		8,413	16,659	51,034
RENVILLE		13,636	2,115	2,832	8,441	12,684	39,708
RICHLAND	96,559	35,979	33,047		21,510	40,548	227,642
ROLETTE		48,113	2,205	9,040	12,167	28,780	100,304
SARGENT		18,821	16,364		10,149	13,221	58,554
SHERIDAN		9,174	3,938	280	4,030	10,440	27,862
SIOUX		5,135	17,130	3,808	7,743	3,588	37,404
SLOPE		15,096	2,382	783	2,894	5,343	26,498
STARK	97,564	16,685	15,728		23,034	12,835	165,847
STEELE		8,418	6,415	2,355	7,536	12,524	37,249
STUTSMAN	115,599	37,231	17,964	4,166	25,297	27,052	227,310
TOWNER		15,540	4,665	2,756	3,397	14,289	40,648
TRAILL	123,021	17,998	8,171	5,813	24,034	26,998	206,036
WALSH	45,015	21,689	39,087	1,544	21,989	23,710	153,034
WARD		189,971		4,424	42,907	40,976	278,277
WELLS		39,203	3,333	868	7,925	20,590	71,918
WILLIAMS		67,142	8,260	25,474	12,771	35,926	149,574
TOTAL	1,353,139	1,593,215	607,369	170,169	710,184	968,783	5,402,860

2006 ANNUAL VEHICLE MILES OF TRAVEL BY COUNTY

(VEHICLE MILES OF TRAVEL SHOWN IN THOUSANDS)

COUNTY	RURAL	URBAN	COUNTY TOTAL	PERCENT OF STATE TRAVEL
ADAMS	31,567		31,567	0.41%
BARNES	188,126	39,066	227,192	2.96%
BENSON	99,600		99,600	1.30%
BILLINGS	55,208		55,208	0.72%
BOTTINEAU	102,060		102,060	1.33%
BOWMAN	43,631		43,631	0.57%
BURKE	47,024		47,024	0.61%
BURLEIGH	223,868	345,749	569,617	7.43%
CASS	438,601	946,949	1,385,550	18.08%
CAVALIER	67,482		67,482	0.88%
DICKEY	56,872		56,872	0.74%
DIVIDE	37,022		37,022	0.48%
DUNN	52,164		52,164	0.68%
EDDY	31,302		31,302	0.41%
EMMONS	53,643		53,643	0.70%
FOSTER	47,068		47,068	0.61%
GOLDEN VALLEY	41,222		41,222	0.54%
GRAND FORKS	341,868	252,987	594,854	7.76%
GRANT	33,465		33,465	0.44%
GRIGGS	35,388		35,388	0.46%
HETTINGER	37,738		37,738	0.49%
KIDDER	109,291		109,291	1.43%
LAMOURE	52,898		52,898	0.69%
LOGAN	22,954		22,954	0.30%
MC HENRY	118,621		118,621	1.55%
MC INTOSH	34,647		34,647	0.45%
MC KENZIE	127,396		127,396	1.66%
MC LEAN	172,101		172,101	2.25%
MERCER	77,180		77,180	1.01%
MORTON	225,207	129,341	354,548	4.63%
MOUNTRAIL	104,782		104,782	1.37%
NELSON	71,309		71,309	0.93%
OLIVER	31,273		31,273	0.41%
PEMBINA	124,120		124,120	1.62%
PIERCE	53,733		53,733	0.70%
RAMSEY	113,965	40,607	154,572	2.02%
RANSOM	51,034		51,034	0.67%
RENVILLE	39,708		39,708	0.52%
RICHLAND	227,642	34,458	262,101	3.42%
ROLETTE	100,304		100,304	1.31%
SARGENT	58,554		58,554	0.76%
SHERIDAN	27,862		27,862	0.36%
SIOUX	37,404		37,404	0.49%
SLOPE	26,498		26,498	0.35%
STARK	165,847	89,972	255,818	3.34%
STEELE	37,249		37,249	0.49%
STUTSMAN	227,310	75,889	303,198	3.96%
TOWNER	40,648		40,648	0.53%
TRAILL	206,036		206,036	2.69%
WALSH	153,034	14,178	167,212	2.18%
WARD	278,277	229,559	507,836	6.63%
WELLS	71,918		71,918	0.94%
WILLIAMS	149,574	62,054	211,628	2.76%
TOTAL	5,403,296	2,260,809	7,664,105	100.00%

2006 RURAL ANNUAL VEHICLE MILES OF TRAVEL BY FUNCTIONAL CLASSIFICATION

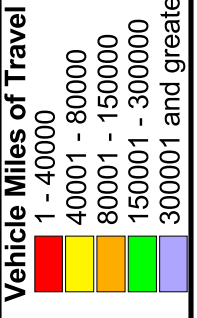
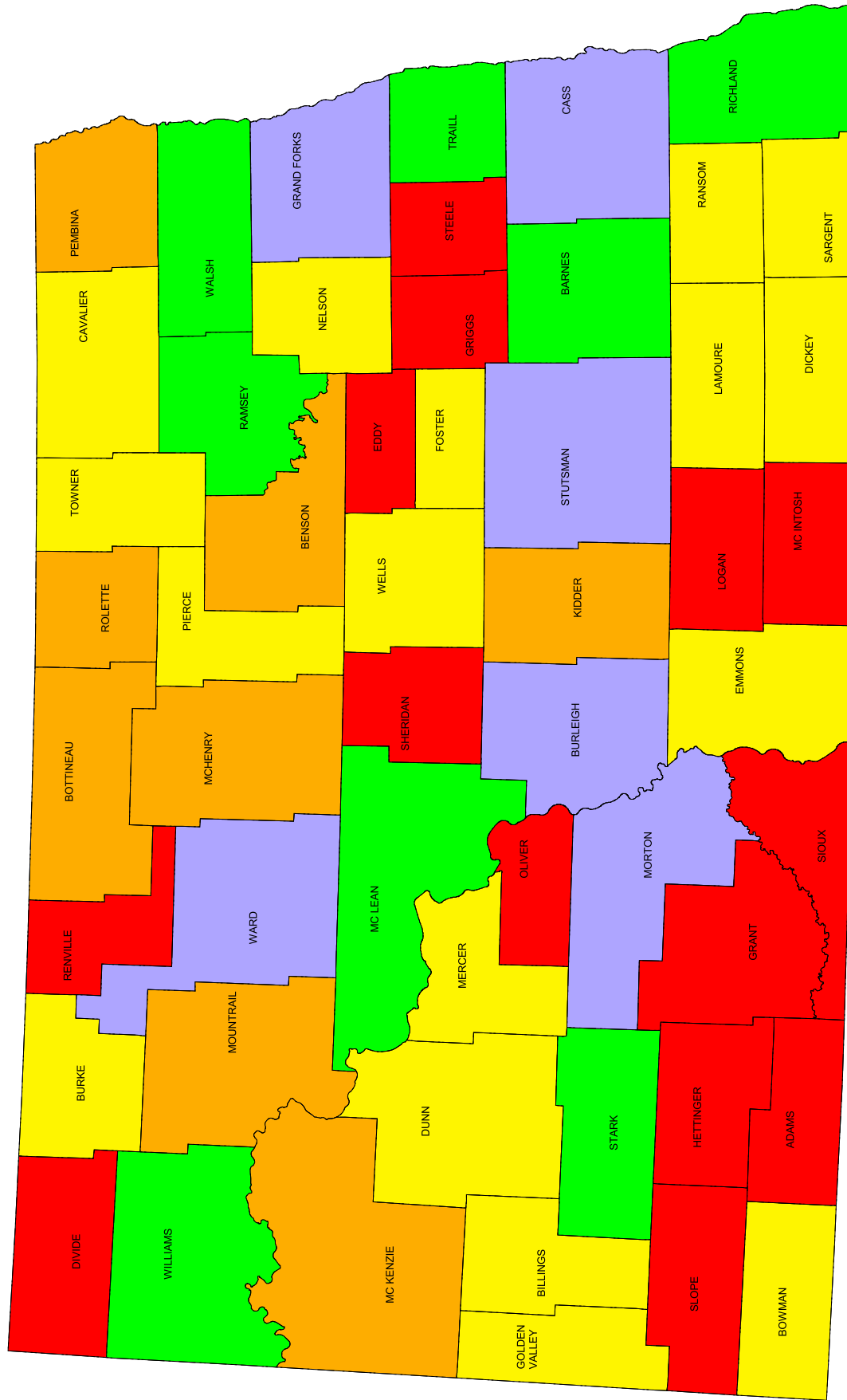


NOTES:

- 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 2006

2006 TOTAL ANNUAL VEHICLE MILES OF TRAVEL



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



Planning & Programming Division
 Transportation Data
 December 2006

Daily Truck VMT for Statewide

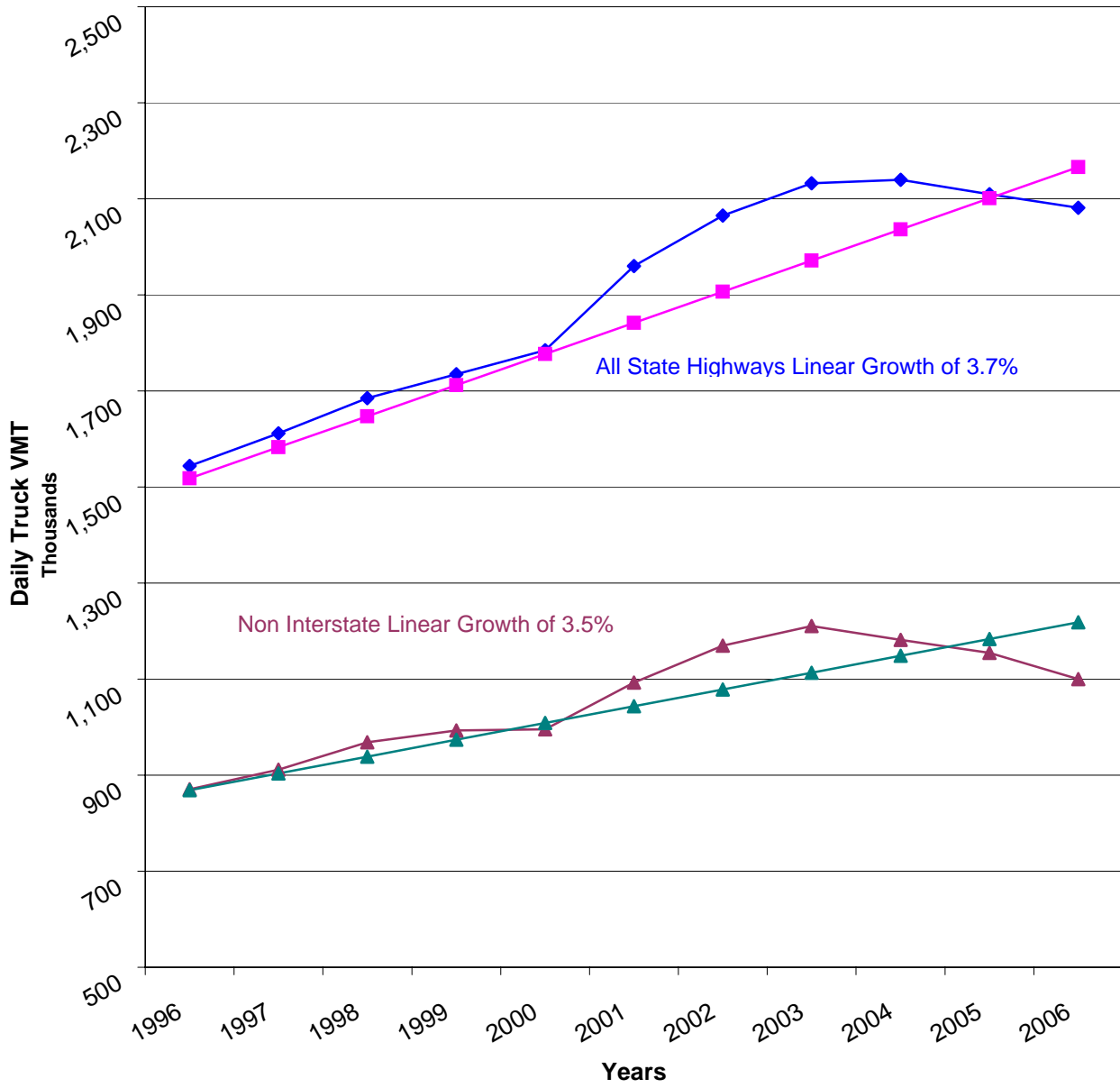
All State Highways

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1991	8,638,503	1,214,405	1,193,595	14.06%	10.06%
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%
2021			3,138,636		

Non Interstate Highways

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1991	5,541,649	706,793	693,810	12.75%	9.75%
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%
2021			1,743,017		

Daily Truck VMT for Statewide



◆ State Highways Actual
 ■ State Highways Lin.
 ▲ Non Interstate Actual
 ▲ Non Interstate Lin.

Daily Truck VMT for Interstate

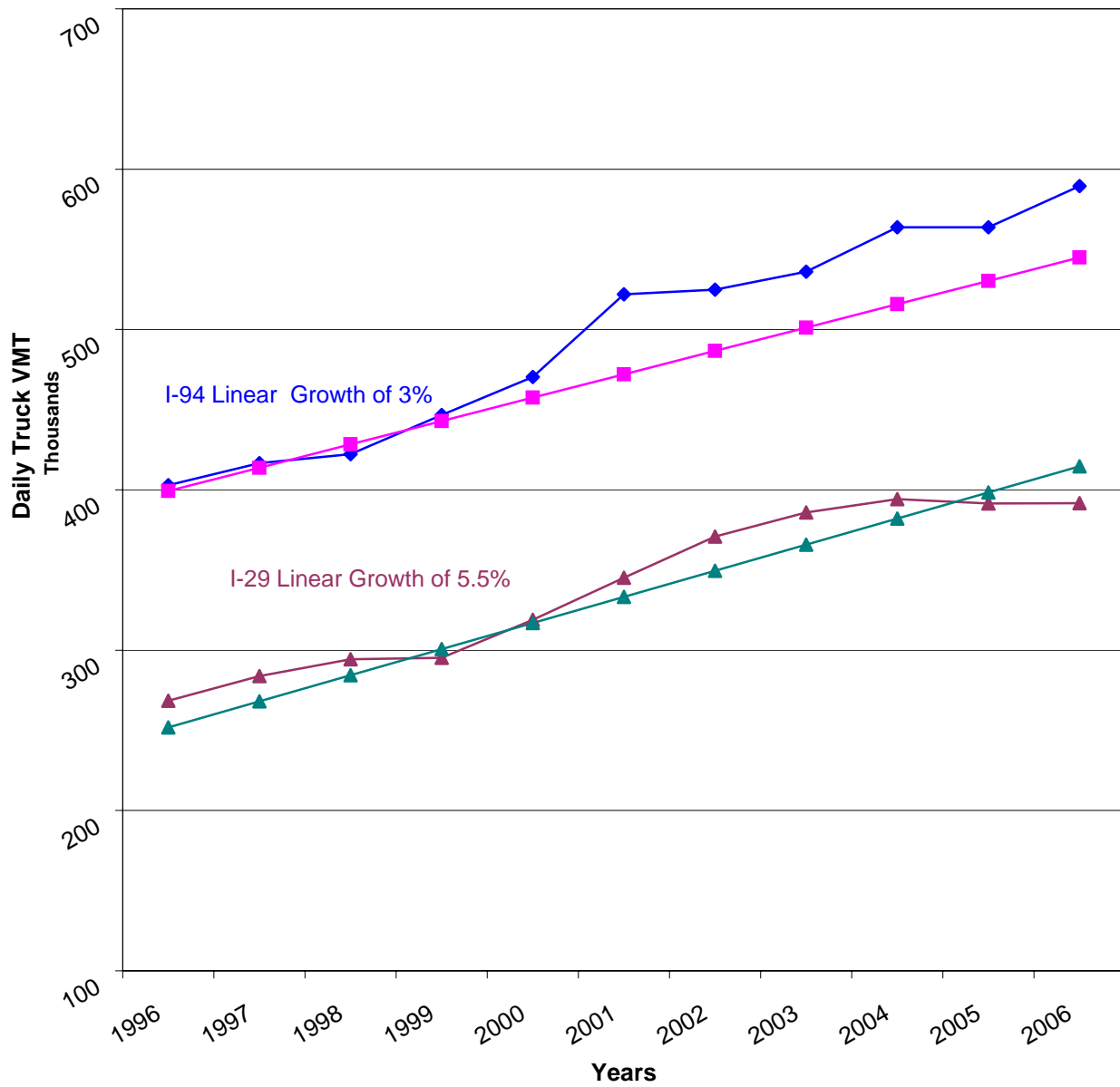
I - 94

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1991	1,895,047	329,651	326,472	17.40%	13.40%
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%
2021			763,226		

I - 29

Years	Total Daily VMT	Total Daily Truck VMT	<i>Linear Estimated</i> Total Daily Truck VMT	% Total Trucks	% Combination Trucks
1991	1,182,704	177,120	170,498	14.98%	11.98%
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%
2021			658,869		

Daily Truck VMT for Interstate

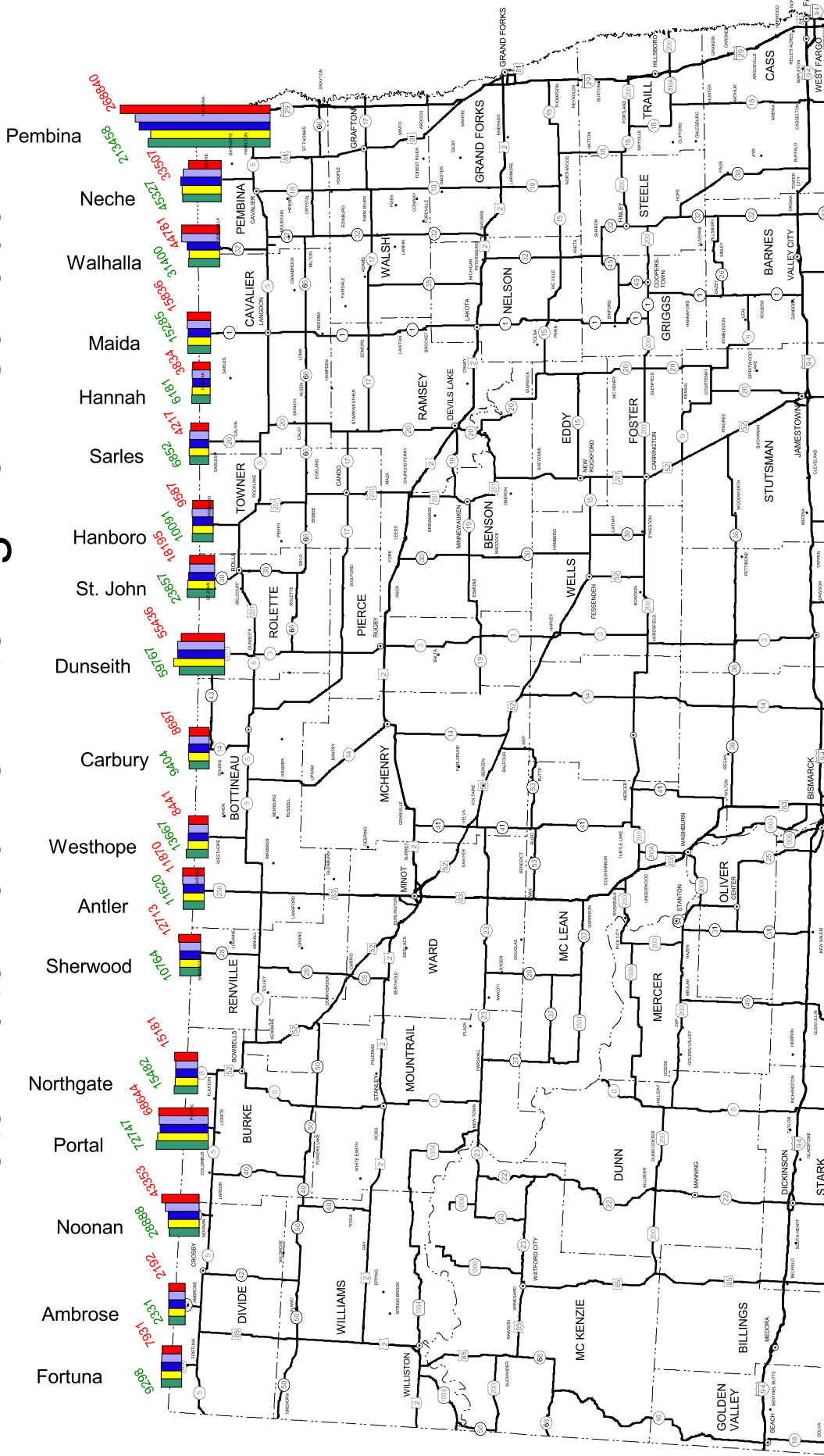


◆ I-94 Actual ■ I-94 Lin. ▲ I-29 Actual ▲ I-29 Lin.

BORDER CROSSINGS
(VEHICLES ENTERING THE UNITED STATES FROM CANADA)

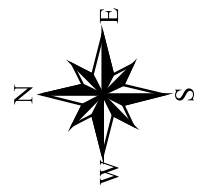
PORT OF ENTRY	AUTOMOBILES			TRUCKS		
	FISCAL 2005	FISCAL 2006	% CHANGE	FISCAL 2005	FISCAL 2006	% CHANGE
FORTUNA	8,949	7,931	-11.38%	3,536	3,158	-10.69%
AMBROSE	2,355	2,192	-6.92%	5,179	399	-92.30%
NOONAN	36,837	43,353	17.69%	2,022	2,701	33.58%
PORTAL	66,751	68,644	2.84%	55,411	62,842	13.41%
NORTHGATE	12,975	15,181	17.00%	6,057	6,293	3.90%
SHERWOOD	10,918	12,713	16.44%	4,719	4,762	0.91%
ANTLER	12,329	11,870	-3.72%	688	688	0.00%
WESTHOPE	8,418	8,441	0.27%	5,195	3,949	-23.98%
CARBURY	8,957	8,687	-3.01%	731	429	-41.31%
DUNSEITH	62,208	55,436	-10.89%	21,844	19,479	-10.83%
ST. JOHN	18,191	18,195	0.02%	1,199	2,079	73.39%
HANSBORO	10,046	9,587	-4.57%	1,726	1,340	-22.36%
SARLES	6,751	4,217	-37.54%	1,656	1,716	3.62%
HANNAH	4,450	3,834	-13.84%	179	136	-24.02%
MAIDA	15,821	15,836	0.09%	1,449	1,864	28.64%
WALHALLA	44,801	44,781	-0.04%	13,677	13,098	-4.23%
NECHE	44,237	33,507	-24.26%	16,069	15,336	-4.56%
PEMBINA	239,485	268,840	12.26%	194,322	200,184	3.02%
TOTAL	614,479	633,245	3.05%	335,659	340,453	1.43%

Total Auto Volume Entering from Canada



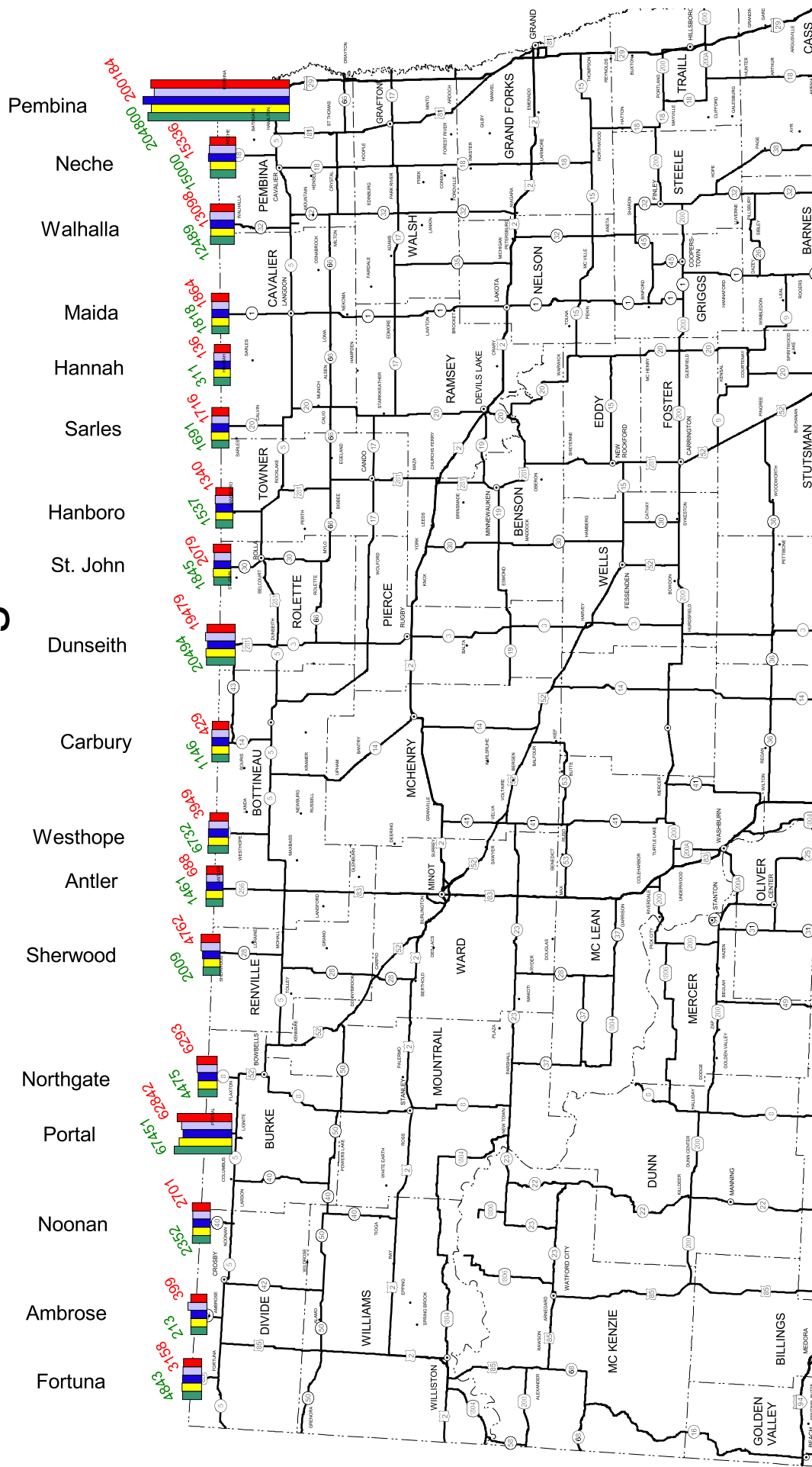
LEGEND

- Auto 2002
- Auto 2003
- Auto 2004
- Auto 2005
- Auto 2006



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

Total Truck Volume Entering from Canada



LEGEND

- 2002 Trucks
- 2003 Trucks
- 2004 Trucks
- 2005 Trucks
- 2006 Trucks

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

